

ILLUSTRATED PARTS LIST
EXECUTIVE AIRCRAFT TOILETS

PART NUMBERS

4620-4
4620-17
4620-39
4620-56
4620-68
4620-69
4620-94
4620-106

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800 W. Artesia Blvd., Compton, CA 90224-9057

REVISION

HIGHLIGHTS

[illegible]

Monogram Systems

ILLUSTRATED PARTS LIST PN 4620 SERIES

ILLUSTRATED PARTS LIST

1. Introduction

A. Purpose

This section lists, describes, and illustrates all component assemblies, subassemblies, and detail parts of the 4620 Series toilet assemblies manufactured by Monogram Sanitation, 800 W. Artesia Blvd., Compton, California 90224-9057.

Parts listed are considered to be replaceable for reasons of wear, age, or excessive abuse.

B. How to Use the Illustrated Parts List

(1) Identifying a Part

The item numbers shown in the parts list correspond to the item numbers appearing on the illustration sheet(s). Items shown on the illustration, but not listed in the parts list are not applicable to that breakdown

(2) Assembly Relationship

Each assembly listed is followed immediately by a breakdown of its detail parts, properly indented (by dot(s)) to show their relationship. Parts are listed in general order of disassembly, with the exception of attaching parts which are listed immediately following the item which they attach and which precede the details, if any, of that assembly.

(3) Effectivity

When two or more assemblies have a combined breakdown, an EFF CODE is assigned to distinguish any difference in their details. These codes are assigned alphabetically starting at the assembly level with the letter "A". This letter matches a detail item to its next higher assembly. Items where this column is left blank are applicable to all next higher assemblies.

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(4) Quantity

The UNITS PER ASSY column indicates the quantity of each item required for the next higher assembly or subassembly. The quantities shown in this column are the quantities required at a particular location and not necessarily the total quantity of parts in one assembly. "RF" is used to signify that an assembly has been previously listed and is being listed again for reference only. "AR" indicates that the quantity of this part is a bulk quantity and it is used as required.

C. Abbreviations

AR	As Required
Assy	Assembly
EFF	Effectivity
Fig.	Figure
FRO	Future Replacement Order
NHA	Next Higher Assembly
PN	Part Number
REPLD BY	Replaced by
REPLS	Replaces
REQ	Required
SB	Service Bulletin
SN	Serial Number
SUBS	Subsequent
V	Vendor

D. Symbols

ATTACHING PARTS	Designates the beginning of a group of attaching parts.
* * *	Designates the end of a group of attaching parts.
-	A dash before an item indicates the item is not shown or does not have a leader line and item number on the illustration sheet.

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E. Vendor Codes

Vendor codes, preceded by the letter “V”, are listed in the NOMENCLATURE column to identify the supplier of non-Monogram or non-military standard (AN, MS, or NAS) parts.

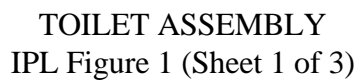
<u>CODE</u>	<u>VENDOR’S NAME AND ADDRESS</u>
V00779	AMP Inc. 2800 Fulling Mill Rd. P. O. Box 3608 Harrisburg, PA 17105-3608
V0W1Z2	Thomas and Betts Corp. Electrical Div. 213 Airport Rd. Bainbridge, GA 31717
V66295	Wittek Companies International Inc. 519 McClure St. Galesburg, IL 61401
V72794	Dzus Fastener Co. Inc. 425 Union Blvd. West Islip, NY 11795-3123
V72962	Elastic Stop Nut A Division of Harvard Industries, Inc. 2330 Vauxhall Rd. Union, NJ 07083-5038
V76599	Murray Corp. Greater Baltimore Industrial Park Schilling Circle Cockeysville Hunt Valley, MD 21030
V77969	Rubbercraft Corp. of California, LTD 15627 S. Broadway Gardena, CA 90248

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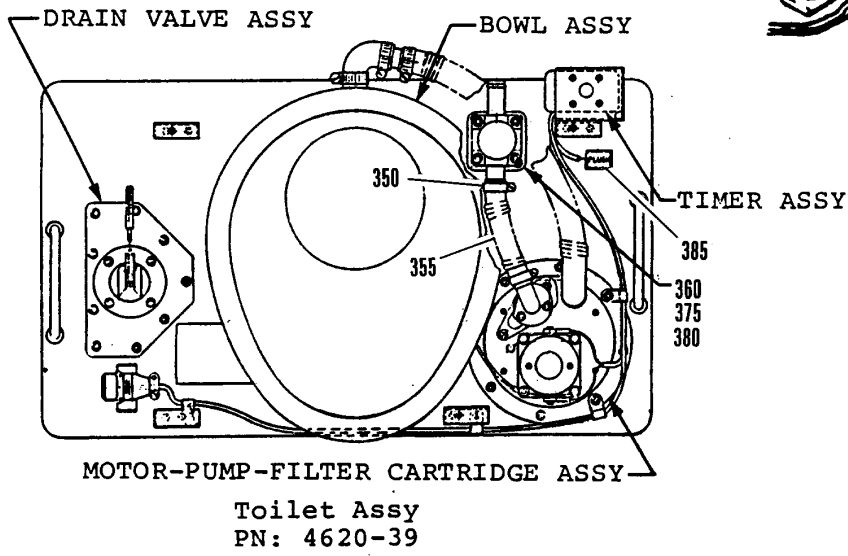
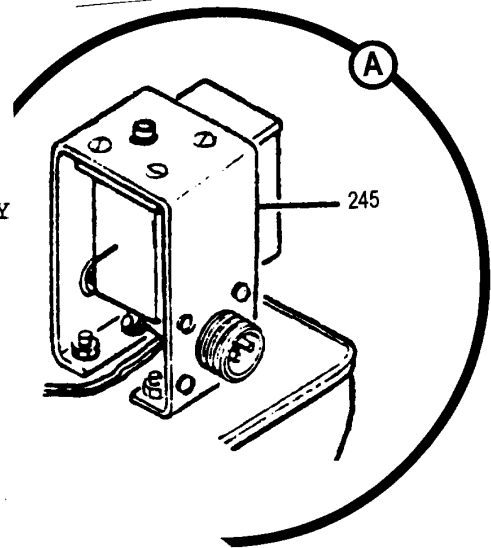
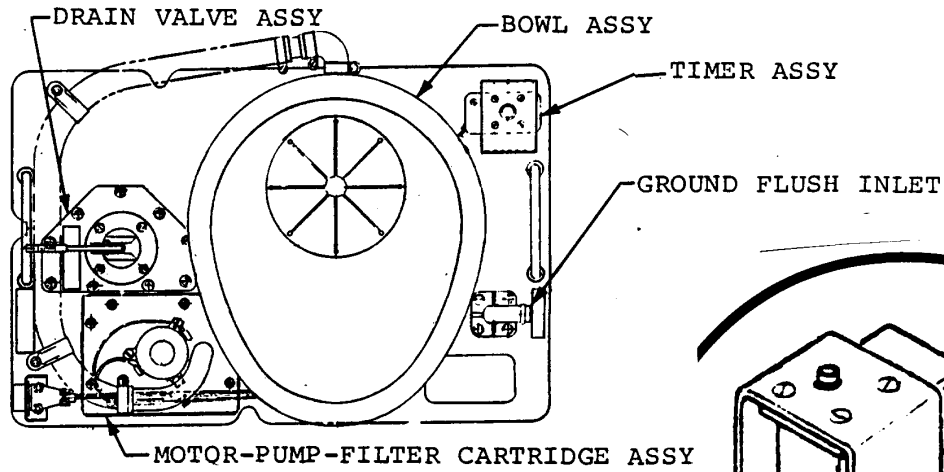
<u>CODE</u>	<u>VENDOR'S NAME AND ADDRESS</u>
V80756	Spirolox Division of Kaydon Corp. 29 Cassens Ct. Fenton, MO 63026-2542
V81872	Olympic Plastics Co. Subsidiary of Intercontinental Diamond Corp. 5800 W. Jefferson Blvd. Los Angeles, CA 90016-3109
V83014	Hartwell Corp. 900 S. Richfield Rd. Placentia, CA 92670-6732
V83907	Accurate Rubber Products Co. 2813 W. Irving Park Rd. Chicago, IL 60618
V86928	Seastrom Mfg. Co., Inc. 456 Seastrom St. Twin Falls, ID 83301

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PN 4620 SERIES



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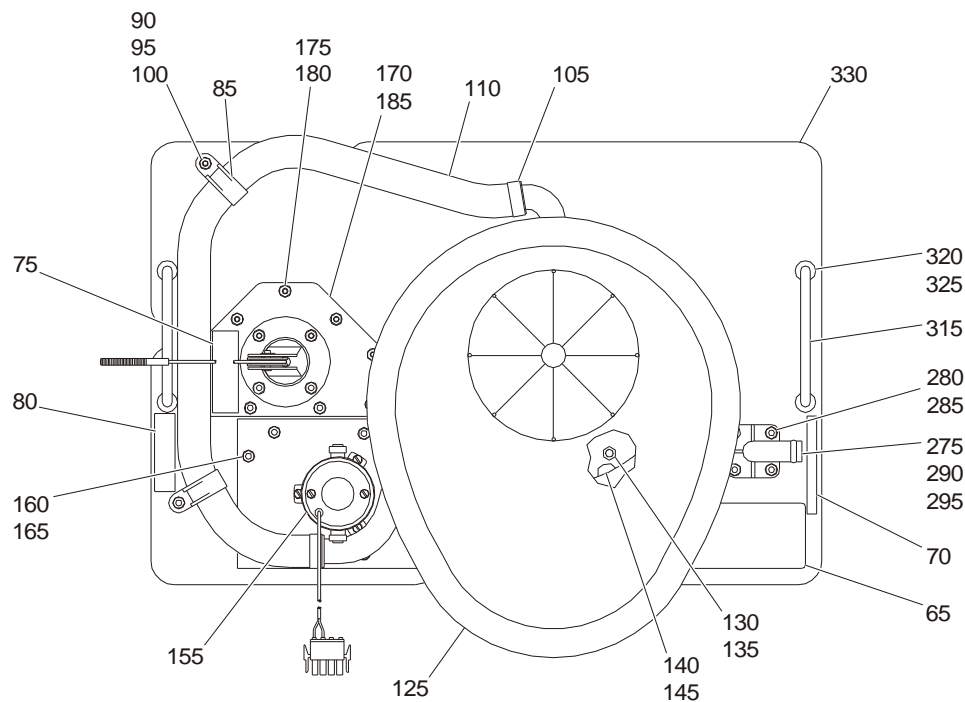
ILLUSTRATED PARTS LIST PN 4620 SERIES



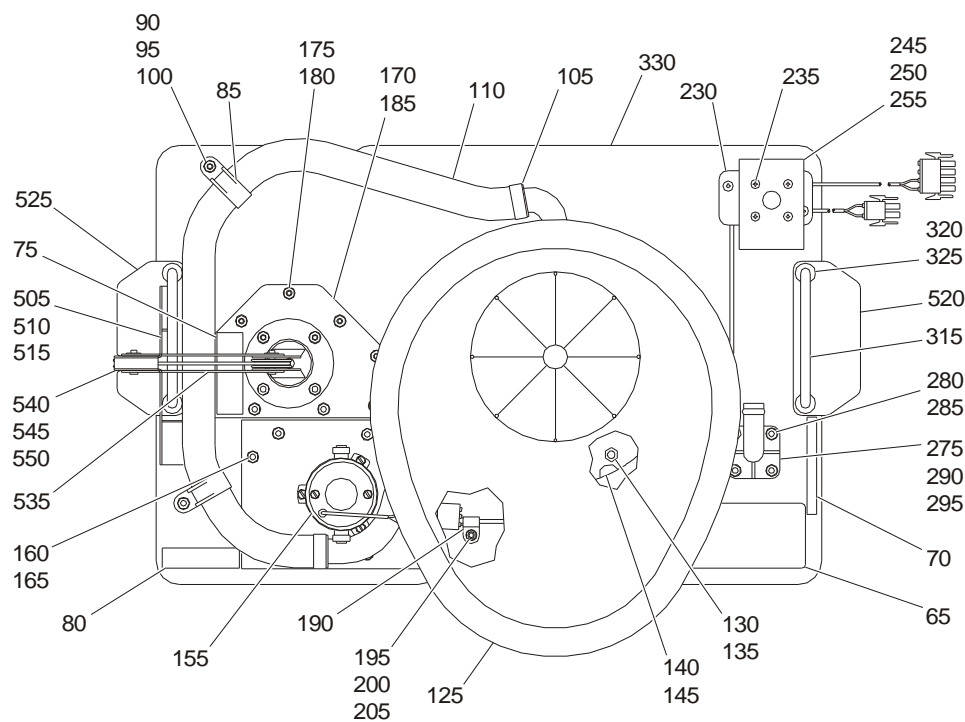
TOILET ASSEMBLY
IPL Figure 1 (Sheet 2 of 3)

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Toilet Assy PN: 4620-94



Toilet Assy PN: 4620-106

TOILET ASSEMBLY IPL Figure 1 (3 of 3)

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FIG. ITEM	PART NUMBER	NOMENCLATURE	EFF CODE	UNITS PER ASSY
		1 2 3 4 5 6 7		
1				
	-1	4620-4	TOILET ASSY	A RF
	-1A	4620-17	TOILET ASSY	B RF
	-1B	4620-39	TOILET ASSY	C RF
	-1C	4620-56	TOILET ASSY	D RF
	-1D	4620-68	TOILET ASSY	E RF
	-1E	4620-69	TOILET ASSY	F RF
R	-1F	4620-94	TOILET ASSY	G RF
R	-1G	4620-106	TOILET ASSY	H RF
	-5	4638-8	. SEAT AND SHROUD ASSY	A 1
	-5A	4638-15	. SEAT AND SHROUD ASSY	C,D 1
	-5B	4638-17	. SEAT AND SHROUD ASSY	E,F 1
	10	11016-2	. . DECAL, PRESS TO FLUSH	A 1
	15	2258-102-1	. . BUMPER (BONDED)	A,C-F 8
	20	UA3T15	. . STUD (V72794)	A,C-F 4
	25	GH3	. . GROMMET (V72794)	A,C-F 4
	30	4520	. . SEAT ASSY (REPLD BY ITEM -30A)	A 1
	-30A	4521	. . SEAT ASSY (REPLS ITEM 30)	A 1
	-30B	2915-102	. . SEAT ASSY	C-F 1
		ATTACHING PARTS		
	35	AN426AD4-4	. . RIVET	A 5
	-36	4631-10	. . HINGE POST	C-F 2
	-37	4806-13	. . NUT	C-F 2
		* * *		
	-39	4806-15	. . SEAL, POST	C-F 2
	40	4806-18	. . BUMPER	A 4
	45	3512-010-27	. . SPRING LOCK, BUMPER	A 4
	50	H4600-064-125	. . LATCH (V83014)	A 4
		ATTACHING PARTS		
	55	AN426AD4-4	. . RIVET	A 16
	60	4638-7	. . SHROUD	A 1
	-60A	4638-14	. . SHROUD	C,D 1
	-60B	4638-16	. . SHROUD	E,F 1
	65	2364-2	. DECAL, UNIT IDENTIFICATION	1
R	70	11016-3	. DECAL, GROUND FLUSH	A,B,G,H 1
R	75	11016-11	. DECAL, DRAIN VALVE	A,B,G,H 1
R	80	11016-12	. DECAL, POWER INPUT	A,B,G,H 1
	85	C10DK16	. CLAMP (V81872)	A 1
R	-85A	C10DK16	. CLAMP (V81872)	B,G,H 2
		ATTACHING PARTS		
	90	NAS679C06M	. NUT	A 1
R	-90A	NAS679C06M	. NUT	B,G,H 2
	95	AN960C6	. WASHER	A 3
R	-95A	AN960C6	. WASHER	B,G 6
R	-95B	NAS1149CN616R	. WASHER	H 6
	100	NAS43DD-1-48	. SPACER	A 1

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
1				
R	-100A	NAS43DD-1-48 . SPACER * * *	B,G,H	2
	105	AN737TW38 . CLAMP, HOSE (V66295)	A	3
	-105A	AN737TW38 . CLAMP, HOSE (V66295)	B	4
	-105B	10H-SS . CLAMP, HOSE (V76599)	C-F	4
R	-105C	H8SS . CLAMP, HOSE	G,H	2
	110	4632-7 . TUBE, TYGON	A	1
	-110A	4632-6 . TUBE, TYGON	B	1
	-110B	16004-027-22 . HOSE (16" LG)	C-F	1
R	-110C	16004-027-32 . HOSE (25.5" LG)	G,H	1
	115	4629-2 . TUBE, FLUSH		1
	120	4691 . ELBOW		1
	125	4698-4 . BOWL ASSY		1
R	-125A	4698-17 . BOWL ASSY ATTACHING PARTS	G,H	1
	130	NAS679C3M . NUT		6
	135	AN960C10L . WASHER		6
R	-135A	NAS1149C0332R . WASHER * * *	H	6
	140	4648 . GASKET, BOWL		1
R	145	2317-2 . SPLASH RESTRICTOR	A,B,G,H	1
	-145A	3800-209 . SEPARATOR ASSY (SEE IPL FIG. 2 FOR DETAILS)	C-F	1
	150	4642 . RETAINER, SPLASH RESTRICTOR		1
	155	3500-7 . CARTRIDGE ASSY (SEE IPL FIG. 3 FOR DETAILS)	AA	1
	-155A	3500-14 . CARTRIDGE ASSY (SEE IPL FIG. 3 FOR DETAILS)	AB	1
	-155B	3511-003 . CARTRIDGE ASSY (SEE IPL FIG. 3A FOR DETAILS)	AC	1
	-155C	3511-007 . MOTOR PUMP FILTER ASSY (SEE IPL FIG. 3A FOR DETAILS)	AD	1
R	-155D	3500-15 . MOTOR PUMP FILTER ASSY (SEE IPL FIG. 3 FOR DETAILS) ATTACHING PARTS	G,H	1
	160	NAS679C06M . NUT		8
	165	AN960C6 . WASHER		8
R	-165A	NAS1149CN616R . WASHER * * *	H	8
	170	4650-9 . DRAIN VALVE ASSY (SEE IPL FIG. 4 FOR DETAILS)	A	1
R	-170A	4650-16 . DRAIN VALVE ASSY (SEE IPL FIG. 4 FOR DETAILS)	B,G,H	1
	-170B	4650-19 . DRAIN VALVE ASSY (SEE IPL FIG. 4 FOR DETAILS)	C,E	1

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	NOMENCLATURE	EFF CODE	UNITS PER ASSY
		1 2 3 4 5 6 7		
	1	ATTACHING PARTS		
R	175	NAS679C06M . NUT	A-C,E,G	9
R	180	AN960C6 . WASHER	A-C,E,G	9
R	-180A	NAS1149CN616R . WASHER	H	9
		* * *		
	-183	4631-14 . SPACER, DRAIN VALVE	C,E	1
	185	4670-1 . GASKET, DRAIN VALVE		1
R	190	C10DK3 . CLAMP (V81872)	A-F,H	3
		ATTACHING PARTS		
R	195	NAS679C06M . NUT	A-F,H	3
R	200	AN960C6 . WASHER	A-F,H	9
R	-200A	NAS1149CN616R . WASHER	A-F,H	3
R	205	NAS43DD-1-48 . SPACER	A-F	3
R	-205A	NAS43DD-1-48 . SPACER	H	2
		* * *		
	210	NAS1291C04M . NUT	A-F	4
	215	AN960C4 . WASHER	A-F	4
	220	AN515C4R6 . SCREW	A-F	4
	225	4633-3 . HARNESS ASSY (USED WITH 11059-18 TIMER)	A-F	1
	230	11059-18 . TIMER ASSY, SOLID STATE (FRO 11059-58)	A,B	1
	-230A	11059-58 . TIMER ASSY, SOLID STATE	A	1
		(SEE IPL FIG. 5 FOR DETAILS)		
	-230B	11059-60 . TIMER ASSY, SOLID STATE	B	1
		(SEE IPL FIG. 5 FOR DETAILS)		
	-230C	11059-64 . TIMER ASSY, SOLID STATE	C-F	1
		(SEE IPL FIG. 5A FOR DETAILS)		
R	-230D	11059-83 * . TIMER ASSY, SOLID STATE	G	1
		(SEE IPL FIG. 5 FOR DETAILS)		
R	-230E	11059-85 . TIMER ASSY, SOLID STATE	H	1
		(SEE IPL FIG. 5 FOR DETAILS)		
		ATTACHING PARTS		
	235	AN507C632R5 . SCREW		4
		* * *		
	240	4694-1 . BRACKET, TIMER - SHROUD MTG.	A,C-F	1
R	245	4631-3 . BRACKET, TIMER	B,H	1
		ATTACHING PARTS		
R	250	NAS679C06M . NUT	A-F	2
R	-250A	NAS679C06M . NUT	H	4
R	255	AN960C6 . WASHER	A-F	2
R	-255A	NAS1149CN616R . WASHER	H	4
		* * *		
R	260	4631-2 . BRACKET, CONNECTOR MTG.	A-F	1
		ATTACHING PARTS		
R	265	NAS679C06M . NUT	A-F	2
R	270	AN960C6 . WASHER	A-F	2
		* * *		

- ITEM NOT ILLUSTRATED

* SUPPLIED AS LOOSE ITEM

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FIG. ITEM	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
1				
275	4687	. FITTING, GROUND FLUSH INLET ATTACHING PARTS		1
280	NAS679C06M	. NUT		4
285	AN960C6	. WASHER		4
R -285A	NAS1149CN616R	. WASHER * * *	H	4
290	4313	. GASKET, GROUND FLUSH INLET FITTING		2
295	4690	. NOZZLE ASSY		1
300	4693-1	. BRACKET, SHROUD MTG.	A	3
-300A	4693-1	. BRACKET, SHROUD (BACK)	C-F	1
-300B	4693-3	. BRACKET, SHROUD (FRONT) ATTACHING PARTS	C-F	2
305	NAS679C06M	. NUT	A,C-F	6
310	AN960C6	. WASHER * * *	A,C-F	6
315	4640	. HANDLE ATTACHING PARTS		2
320	NAS501-3-6A	. BOLT		4
325	2392-25	. WASHER * * *		8
330	4623-5	. TANK AND TOP ASSY	A	1
-335	4623-11	. TANK AND TOP ASSY	B	1
-335A	4623-18	. TANK AND TOP ASSY	C	1
-335B	4623-30	. TANK AND TOP ASSY	D	1
-335C	4623-36	. TANK AND TOP ASSY	E	1
-335D	4623-37	. TANK AND TOP ASSY	F	1
R -335E	4623-57	. TANK AND TOP ASSY	G	1
R -335F	4623-61	. TANK AND TOP ASSY	H	1
-340	NAS501-3-5A	. . BOLT, HEX HD (BOWL MTG STUDS)		6
-345	6-32NC-2	. . BOLT, HEX HD (CARTRIDGE, VALVE, BRACKETS, FITTING MTG STUDS)		34
350	10H-SS	. CLAMP, HOSE (V76599)	C-F	2
355	16004-027-15	. HOSE, (7.5 IN LG.)	C-F	1
360	4631-12	. CHECK VALVE ASSY (SEE IPL FIG. 6 FOR DETAILS) ATTACHING PARTS	C-F	1
365	NAS679C3M	. NUT	C-F	4
370	AN960C10L	. WASHER * * *	C-F	4
375	3719	. GASKET, CHECK VALVE	C-F	2
380	3765-017	. PLATE, CHECK VALVE	C-F	1
385	4631-11	. SWITCH ASSY	AE	1
-385A	4631-60	. SWITCH ASSY	AF	1
-385B	4631-60-10	. SWITCH ASSY*	C,D	1

- ITEM NOT ILLUSTRATED

* SUPPLIED AS LOOSE ITEM

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FIG. ITEM	PART NUMBER	NOMENCLATURE	EFF CODE	UNITS PER ASSY
		1 2 3 4 5 6 7		
1				
	-500	2-343*	. O-RING, TOILET DRAIN	B,C 1
R	-500A	2-343N602-70 *	. O-RING, TOILET DRAIN	E,H 1
R	505	4631-128	. BRACKET, PULLEY	H 1
		ATTACHING PARTS		
R	510	NAS679C06M	. NUT	H 4
R	515	NAS1149CN616R	. WASHER	H 4
		* * *		
R	520	4631-126	. PLATE, MTG.	H 1
R	525	4631-127	. PLATE, MTG.	H 1
R	530	MS24566-18	. PULLEY	H 1
R	535	4631-129	. BRACE	H 2
R	540	MS24665-151	. COTTER PIN	H 2
R	545	MS9463-10	. CLEVIS PIN	H 1
R	550	NAS1149C0332R	. WASHER	H 1

- ITEM NOT ILLUSTRATED

* SUPPLIED AS LOOSE ITEM

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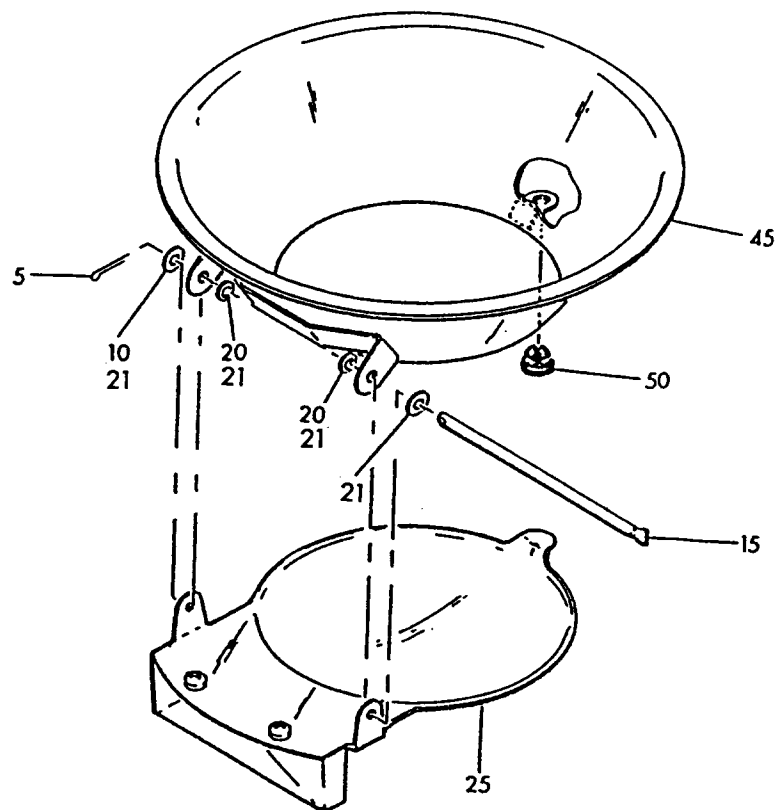
USAGE CODE LIST

A = 4620-4
B = 4620-17
C = 4620-39
D = 4620-56
E = 4620-68
F = 4620-69
G = 4620-94
H = 4620-106

AA = 4620-4 (SN 001 THRU 082),
4620-17 (SN 001 THRU 070)
AB = 4620-4 (SN 083 AND SUBS)
4620-17 (SN 071 AND SUBS)
AC = 4620-39 (SN 001 THRU 032)
AD = 4620-39 (SN 033 AND SUBS),
4620-56,-68,-69
AE = 4620-39 (SN 001 THRU 040),
4620-56 (SN 001)
AF = 4620-39 (SN 041 AND SUBS),
4620-56 (SN 002 AND SUBS)

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Separator Assy
IPL Figure 2

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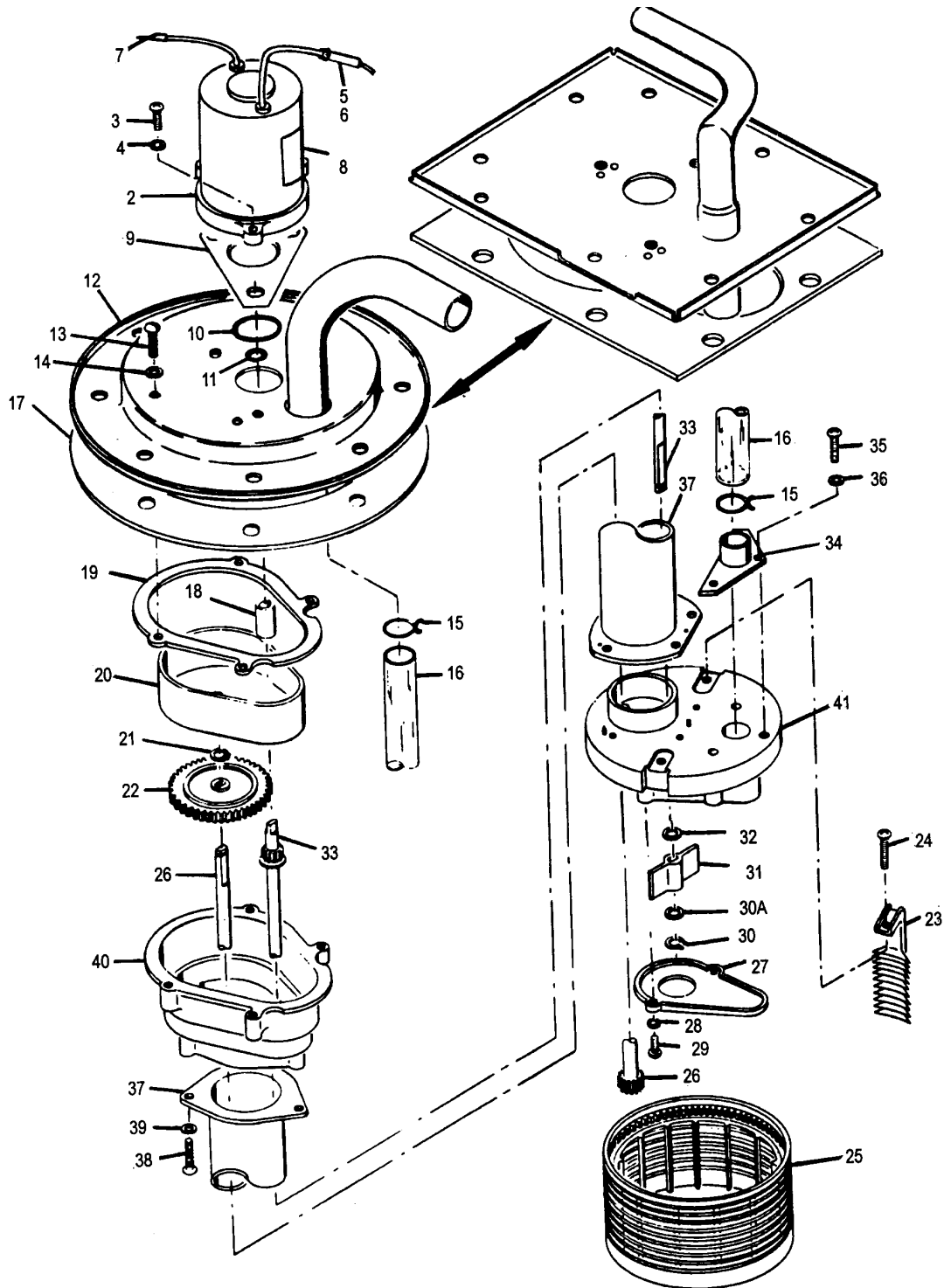
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FIG. ITEM	PART NUMBER	NOMENCLATURE	EFF CODE	UNITS PER ASSY
		1 2 3 4 5 6 7		
2 -1	3800-209	SEPARATOR ASSY (REV E AND PRIOR) (SEE IPL FIG. 1 FOR NHA)	A	RF
-1A	3800-209	SEPARATOR ASSY (REV F AND SUBS) (SEE IPL FIG. 1 FOR NHA)	B	RF
5	MS24665-22	. PIN, COTTER		1
10	AN960C4	. WASHER, FLAT (USED WITH ITEM -1)	A	1
15	55004-042-2	. PIN		1
20	5610-21-20	. WASHER, NYLON (V86928) (USED WITH ITEM -1)	A	2
21	3800-227	. BEARING, NYLON (USED WITH ITEM -1A)	B	4
25	3800-210	. FLAPPER (USED WITH ITEM 45)	A	1
-25A	3800-230	. FLAPPER (USED WITH ITEM -45A)	B	1
45	3800-211	. CONE (USED WITH ITEM 25)	A	1
-45A	3800-231	. CONE (USED WITH ITEM -25A)	B	1
50	3061	. BUMPER (V83907)		1

- ITEM NOT ILLUSTRATED

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NOTE: ITEMS NOT LISTED ARE NOT APPLICABLE

Cartridge Assy
IPL Figure 3

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FIG. ITEM	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
3	-1	3500-7	A	RF
	-1A	3500-14	B	RF
R	-1B	3500-15	C	RF
	2	4910-32	A	1
R	-2A	4910-33	B	1
	-2B	4910-34	C	1
R	3	AN515C632-8	A	3
	-3A	MS51957-31	B,C	3
	4	AN960C6L		3
	8	2333-7		1
	11	MS28775-007	A	1
	12	3501-11		1
R	13	AN515C632-8	A	4
	-13A	MS51957-31	B,C	4
	14	AN960C6L		4
	15	CS-16		2
	16	4632-4		1
R	17	3509	A	1
	-17A	3509-2	B,C	1
	18	3314		1
	19	3310		1
	20	3315		1
	21	MS16624-4025		1
	22	3309		1
R	23	3303	A	2
	-23A	340121029	B,C	2
R	24	AN515C632-6	A	2
	-24A	MS51957-28	B,C	2
	25	3302		1
	26	3503-1		1

- ITEM NOT ILLUSTRATED

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FIG. ITEM	PART NUMBER	NOMENCLATURE	EFF CODE	UNITS PER ASSY
		1 2 3 4 5 6 7		
3				
	27 3305	. COVER, PUMP		1
		ATTACHING PARTS		
	28 AN515C632-6	. SCREW	A	2
R	-28A MS51957-28	. SCREW	B,C	2
	29 AN960C6L	. WASHER		2
		* * *		
	30 MS16624-4025	. RING, RETAINER		1
	30A 340121020	. WASHER, THRUST (1 MINIMUM, ADD MORE AS REQUIRED TO TAKE UP SHAFT END PLAY)		AR
	31 3306	. IMPELLER	A	1
R	-31A 340121018	. IMPELLER	B,C	1
	32 AN960C416L	. WASHER ,THRUST		1
	33 3502-1	. SHAFT, IMPELLER DRIVE		1
	34 3504-4	. TUBE, DISCHARGE		1
		ATTACHING PARTS		
	35 AN515C632-6	. SCREW	A	3
R	-35A MS51957-28	. SCREW	B,C	3
	36 AN960C6L	. WASHER		3
		* * *		
	37 3507-1	. SPACER TUBE		1
		ATTACHING PARTS		
	38 AN515C632-6	. SCREW	A	7
R	-38A MS51957-28	. SCREW	B,C	7
	39 AN960C6L	. WASHER		7
		* * *		
	40 3304	. HOUSING, GEAR		1
	41 3301	. HOUSING, PUMP		1

- ITEM NOT ILLUSTRATED

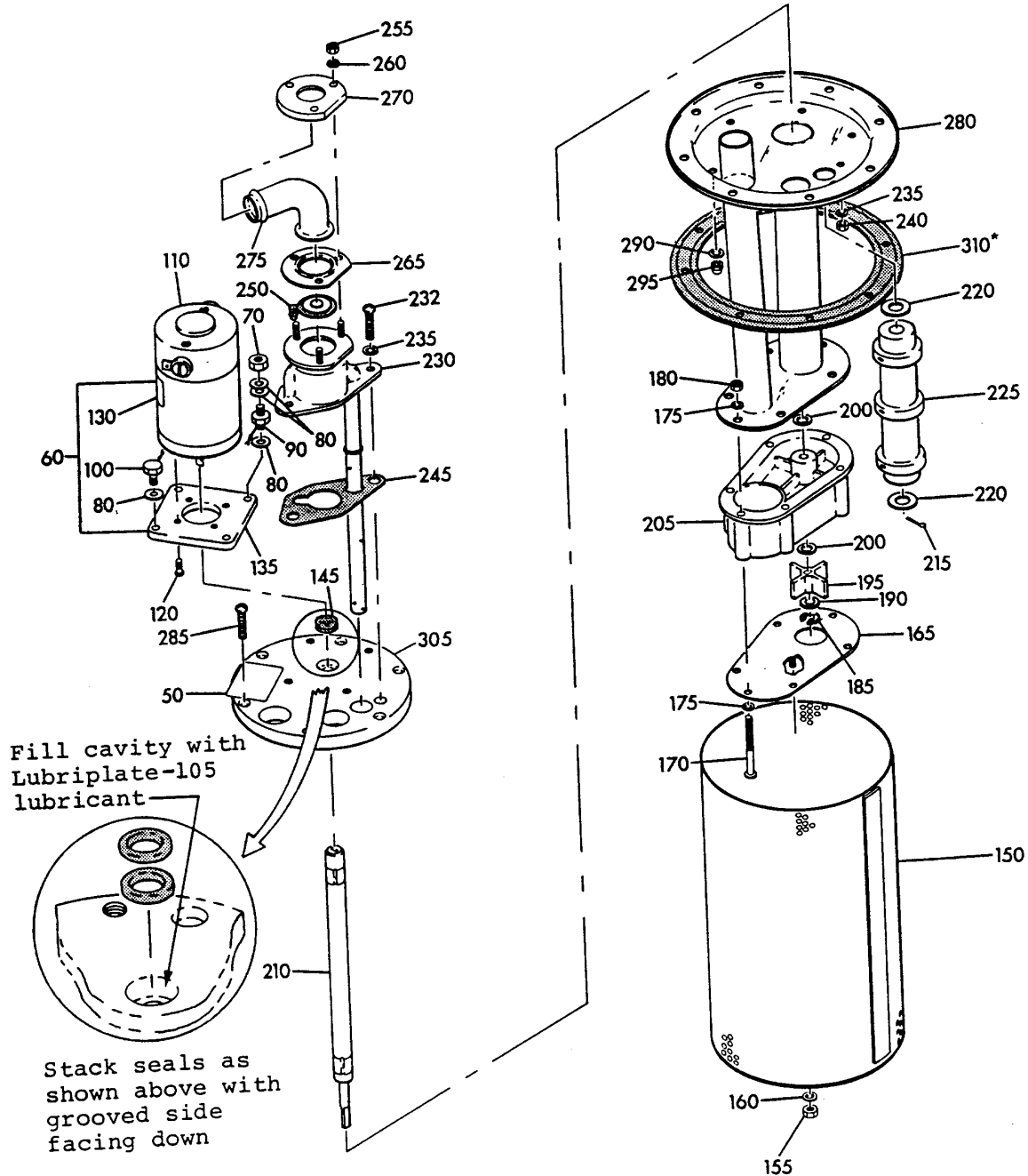
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NOTE: ITEMS NOT LISTED ARE NOT APPLICABLE

Cartridge Assy
IPL Figure 3A

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FIG. ITEM	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
3A -1	3511-003	MOTOR-PUMP-FILTER ASSY (OBSOLETE) (SEE IPL FIG. 1 FOR NHA)	A	RF
-1A	3511-007	MOTOR-PUMP-FILTER CARTRIDGE ASSY (SEE IPL FIG. 1 FOR NHA)	B	RF
50	2333-7	. DECAL		1
-60	3516-007	. MOTOR AND ADAPTER ASSY	A	1
-60A	3516-013	. MOTOR AND ADAPTER ASSY ATTACHING PARTS	B	1
70	NAS679C3M	. NUT		1
80	AN960C10L	. WASHER		6
90	4812-25	. STUD		1
100	NAS501-3H4A	. BOLT * * *		3
110	15900-150	. . MOTOR	A	1
-110A	15900-151	. . MOTOR ATTACHING PARTS	B	1
120	MS51957-27	. . SCREW * * *		4
130	2333-7	. . DECAL		1
135	3516-005	. . PLATE, ADAPTER		1
145	025-050-012	. SEAL (ALT PN 025-050-4)		2
150	3515-003	. FILTER BASKET ATTACHING PARTS		1
155	NAS679C08M	. NUT		1
160	AN960C8L	. WASHER		1
165	4812-94-6	. PLATE, IMPELLER HOUSING	A	1
-165A	4812-94-13	. PLATE, IMPELLER HOUSING ATTACHING PARTS	B	1
170	MS51957-53	. SCREW		6
175	NAS620C8	. WASHER		12
180	NAS1291C08M	. NUT * * *		6
185	MS16624-4025	. RING, RETAINING		1
190	340121020	. WASHER, THRUST		AR
195	16006-006	. IMPELLER		1
200	4812-31	. WASHER, THRUST		AR
205	4812-105	. HOUSING, IMPELLER		1

- ITEM NOT ILLUSTRATED

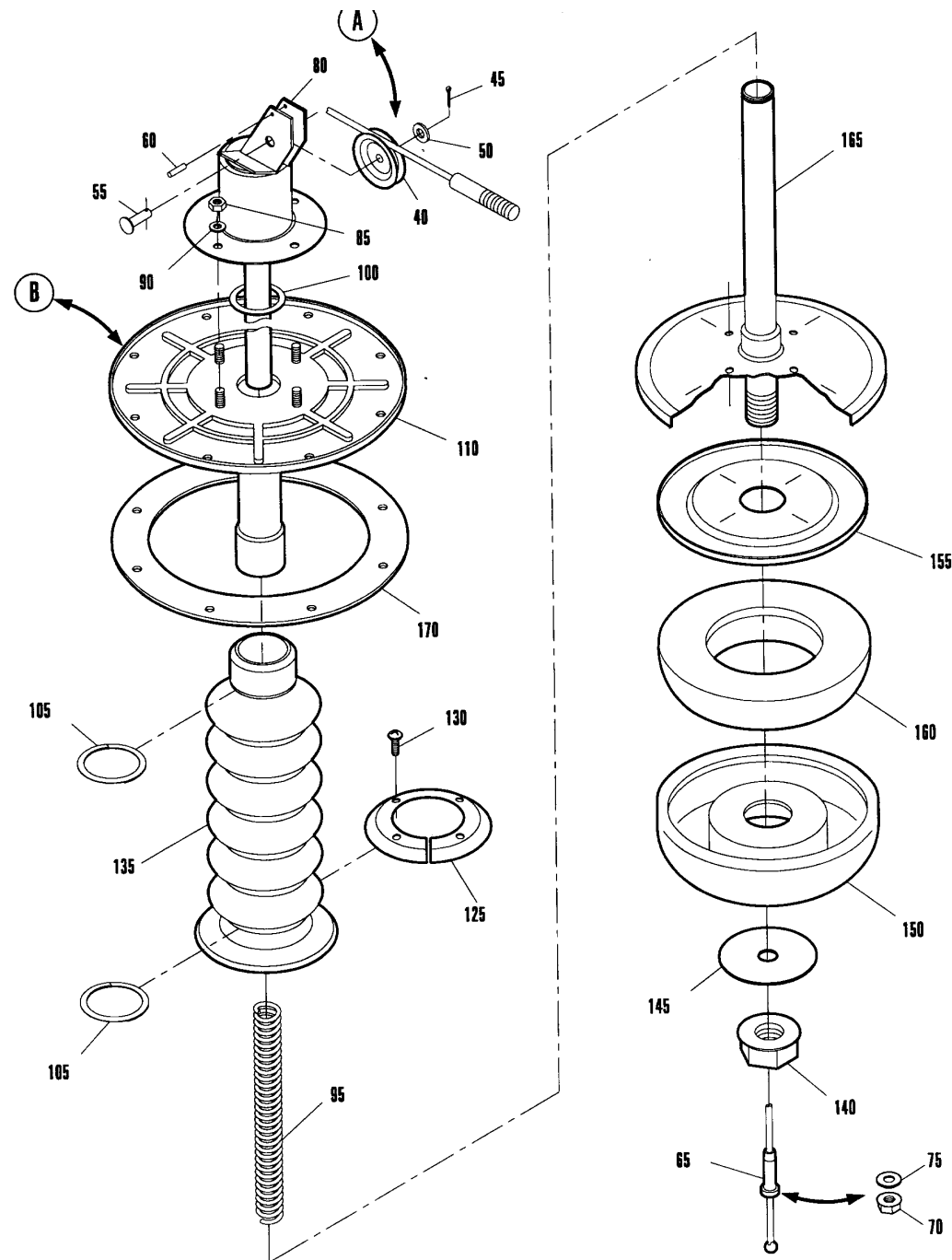
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FIG. ITEM	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
3A				
210	3516-010	. DRIVE SHAFT ASSY	A	1
-210A	4812-174-11	. DRIVE SHAFT ASSY	B	1
215	MS24665-87	. PIN, COTTER		1
220	4812-107	. WASHER		2
225	3516-011	. SPRAY NOZZLE		1
230	3516-009	. HOUSING, ANTI SIPHON VALVE ATTACHING PARTS		1
232	MS51957-49	. SCREW		2
235	NAS620C8	. WASHER		4
240	NAS1291C08M	. NUT * * *		2
245	16006-031	. GASKET		1
250	16202-020	. FLAPPER		1
255	NAS1291C08M	. NUT		3
260	AN960C8	. WASHER		3
265	16006-033	. GASKET		1
270	16006-032	. WASHER, RETENTION		1
275	14100-019	. TUBE, INLET		1
280	3514-003	. FRAME ASSY ATTACHING PARTS		1
285	MS24693C31	. SCREW	A	5
-285A	MS24693C30	. SCREW	B	5
290	NAS620C6	. WASHER		5
295	NAS1291C06M	. NUT * * *		5
305	3516-001	. PLATE, MOUNTING		1
310	3509-1*	. GASKET, MOUNTING PLATE		1

- ITEM NOT ILLUSTRATED

ILLUSTRATED PARTS LIST
PN 4620 SERIES



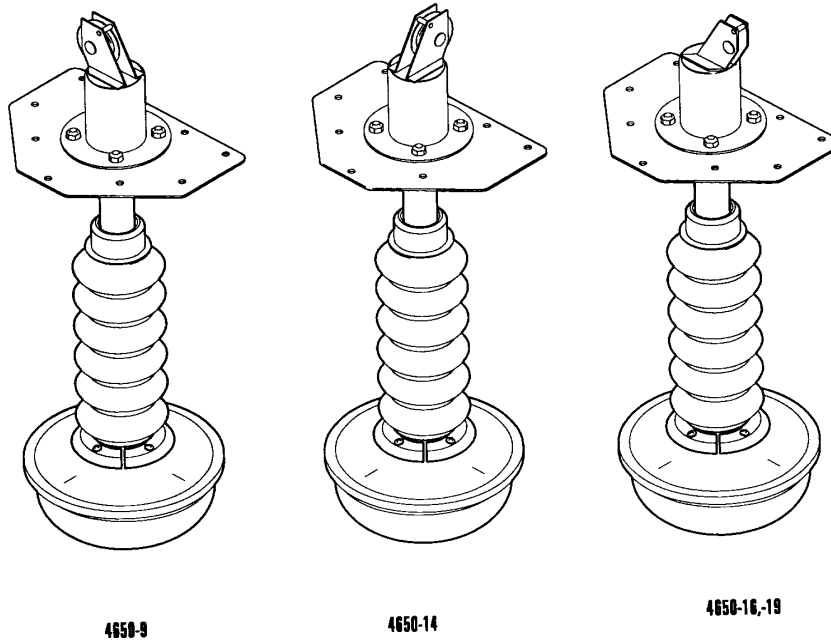
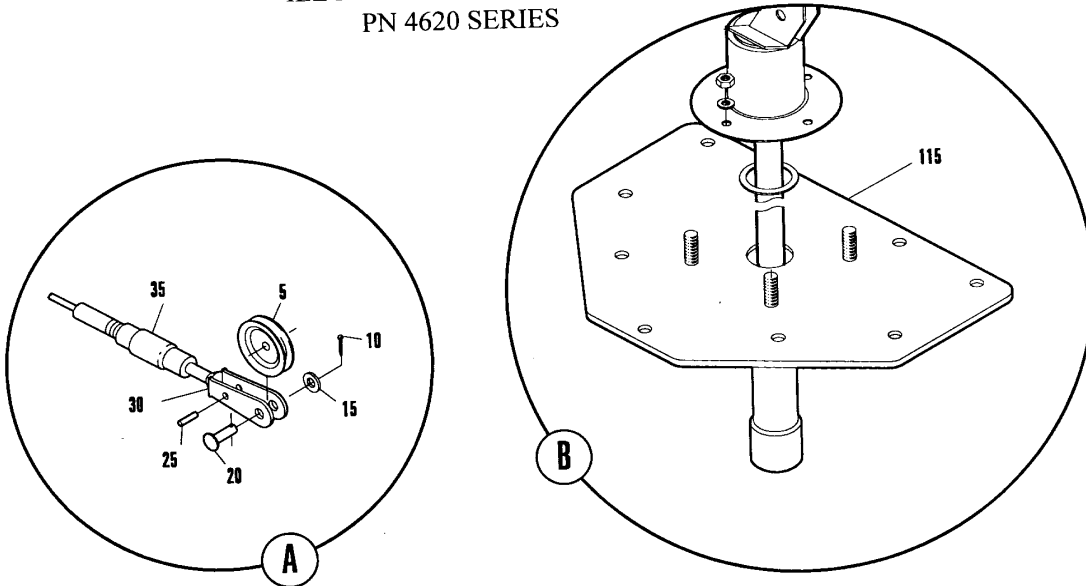
NOTE: ITEMS NOT LISTED ARE NOT APPLICABLE

Drain Valve Assy
IPL Figure 4 (Sheet 1 of 2)

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ILLUSTRATED PARTS LIST PN 4620 SERIES

ILLUSTRATED PARTS LIST PN 4620 SERIES



NOTE: ITEMS NOT LISTED ARE NOT APPLICABLE

Drain Valve Assy
IPL Figure 4 (Sheet 2 of 2)

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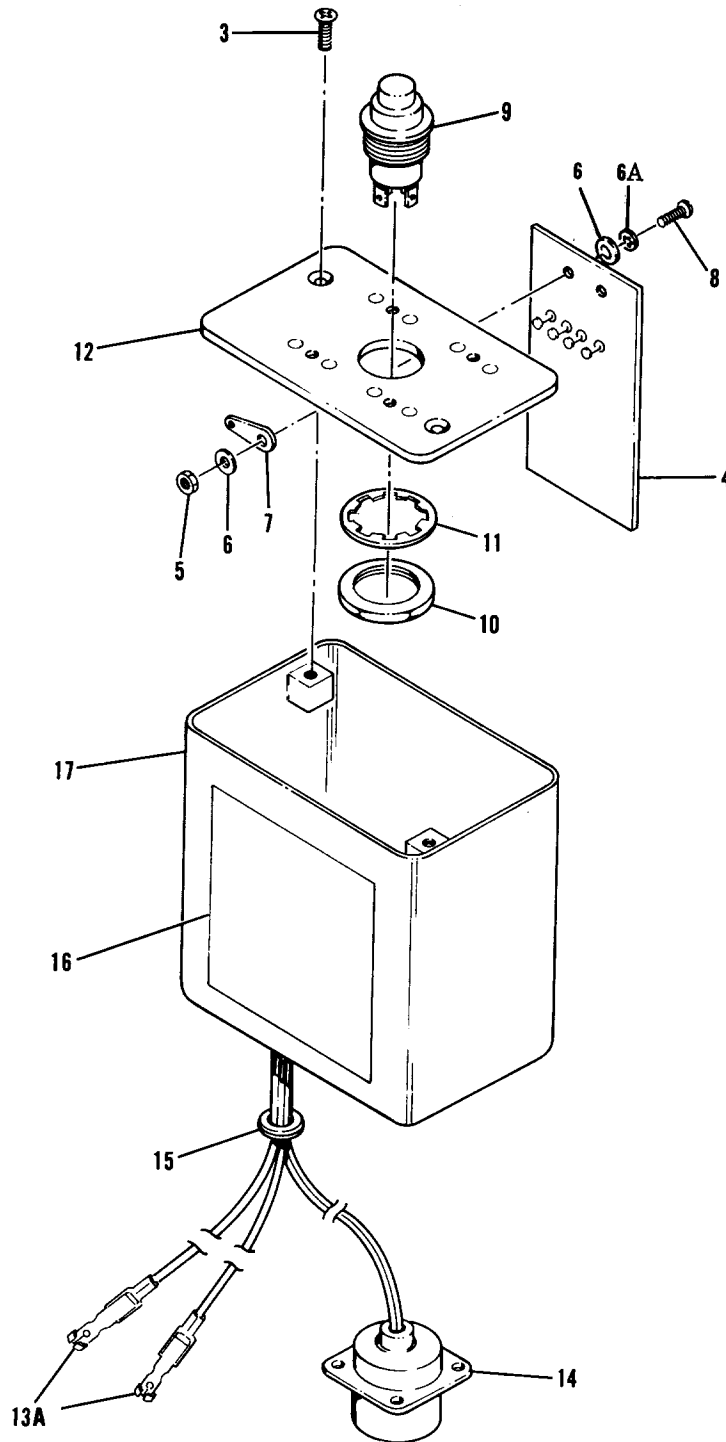
ILLUSTRATED PARTS LIST PN 4620 SERIES

FIG. ITEM	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
4 -1	4650-9	DRAIN VALVE ASSY (SEE IPL FIG. 1 FOR NHA)	A	RF
-1A	4650-16	DRAIN VALVE ASSY (SEE IPL FIG. 1 FOR NHA)	B	RF
-1B	4650-19	DRAIN VALVE ASSY (SEE IPL FIG. 1 FOR NHA)	C	RF
40	MS24566-1B	. PULLEY ATTACHING PARTS		1
45	MS24665-148	. PIN, COTTER (REPLD BY ITEM -45A)		1
-45A	MS24665-151	. PIN, COTTER (REPLS ITEM 45)		1
50	AN960C10L	. WASHER, FLAT		1
55	MS9463-08	. PIN, CLEVIS * * *		1
60	99-022-094-0500	. PIN, ROLL (V72962)		1
65	4681-1	. CABLE	A	1
-65A	4681-2	. CABLE	B,C	1
80	4678-5	. COVER ATTACHING PARTS		1
85	NAS679C06M	. NUT, SELF-LOCKING		4
90	AN960C6	. WASHER, FLAT * * *		4
95	4682-1	. SPRING		1
100	RS62S	. SPIROLOX (V80756)		1
105	RSN112S	. SPIROLOX (V80756)		2
115	4651-3	. HOUSING		1
120	PRP568-114	DELETED		
125	4802-53	. RING, DOUBLER ATTACHING PARTS		1
130	MS24630-24	DELETED		
-130A	MS24626-20	. SCREW * * *		4
135	4802-27	. BOOT		1
140	NAS679C6M	. NUT, SELF-LOCKING		1
145	4672-1	. PLATE		1
150	4801-11	. SEAL		1
155	4673	. PLATE, SUPPORT		1
160	4801-12	. PLUG, SEAL		1
165	4676-6	. VALVE STEM	A,B	1
165	4676-1	. VALVE STEM	C	1

- ITEM NOT ILLUSTRATED

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Timer Assy
IPL Figure 5

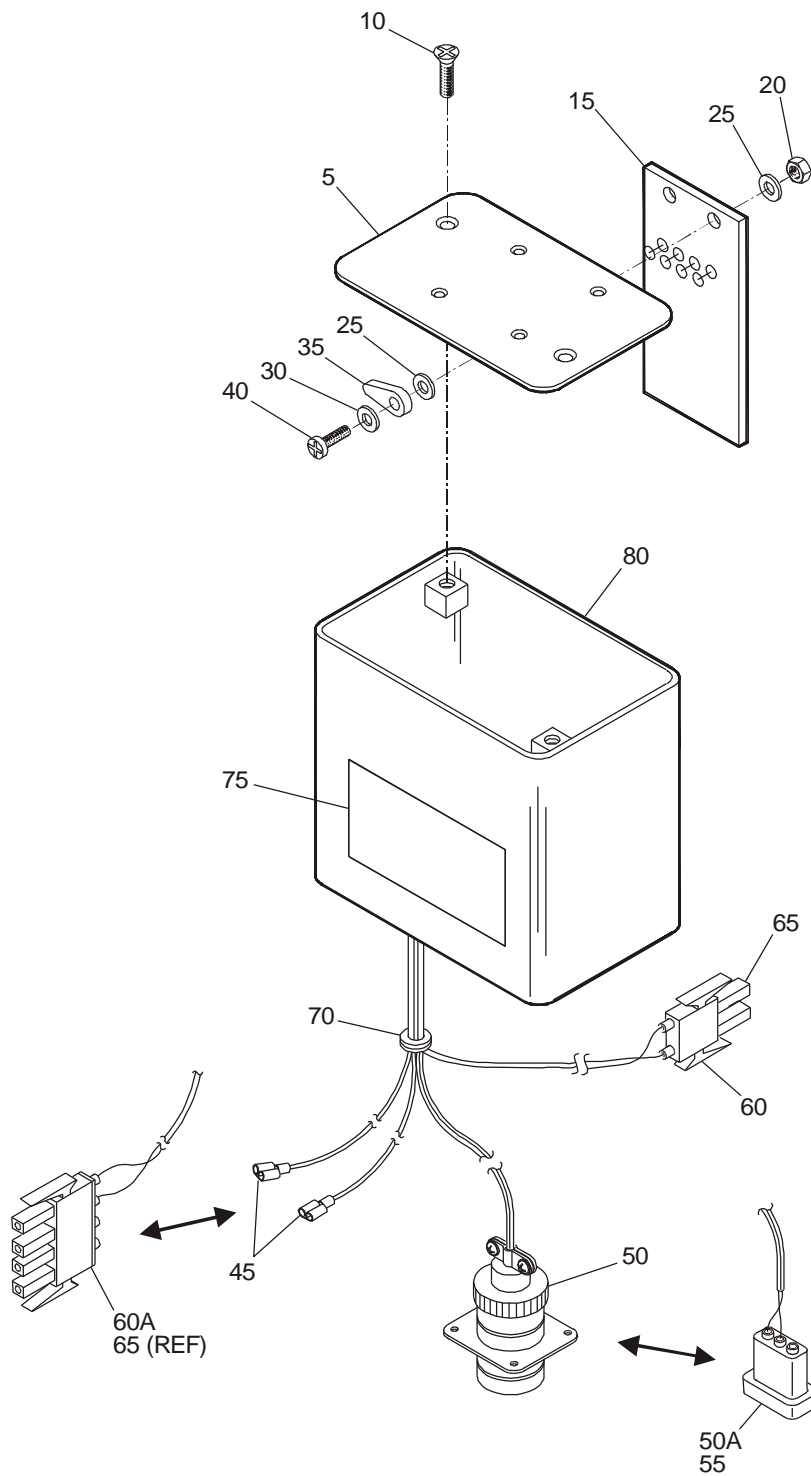
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FIG. ITEM	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
5 -1	11059-58	TIMER ASSY, SOLID STATE (SEE IPL FIG.1 FOR NHA)	A	RF
-1A	11059-60	TIMER ASSY, SOLID STATE (SEE IPL FIG. 1 FOR NHA)	B	RF
2	11059-44-8	. TIMER AND SWITCH ASSY	A	1
-2A	11059-44-10	. TIMER AND SWITCH ASSY ATTACHING PARTS	B	1
3	AN507C832R10	. SCREW * * *		2
4	11059-12-33	. . PRINTED CIRCUIT BOARD ASSY ATTACHING PARTS		1
5	NAS679C04M	. . NUT		2
6	AN960C4	. . WASHER		3
6A	MS35333-70	. . WASHER, LOCK		1
7	5411-23	. . LUG, TERMINAL (V86928)		1
8	MS51957-15	. . SCREW * * *		2
9	MS25089-3G	. . SWITCH		1
10	MS25082B11	. . . NUT		1
11	.640X.875X.022	. . . WASHER, INTERNAL TOOTH		1
12	11059-12-1	. . PLATE ASSY		1
13	AD202	DELETED		
13A	AD18-183	. DISCONNECT, FEMALE (V0W1Z2)		2
14	MS3100F16S-4P	. CONNECTOR, RECEPTACLE		1
15	MS35489-4	. GROMMET (V77969)		1
16	11060-1	. DECAL, IDENTIFICATION		1
17	11059-1	. ENCLOSURE		1

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Timer Assy
IPL Figure 5A

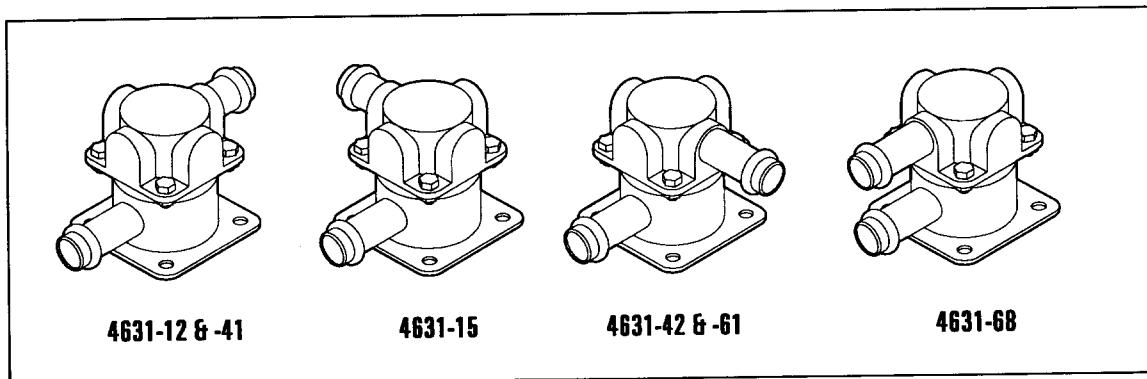
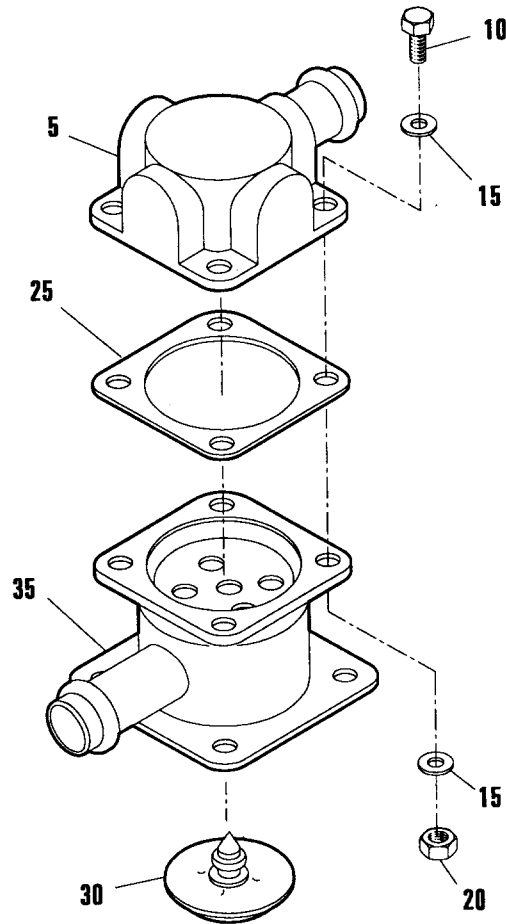
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ILLUSTRATED PARTS LIST PN 4620 SERIES

FIG. ITEM	PART NUMBER	NOMENCLATURE 1 2 3 4 5 6 7	EFF CODE	UNITS PER ASSY
5A				
-1	11059-64	TIMER ASSY, SOLID STATE (SEE IPL FIG. 1 FOR NHA)	A	RF
R -1A	11059-83	TIMER ASSY, SOLID STATE (SEE IPL FIG. 1 FOR NHA)	B	RF
R -1B	11059-85	TIMER ASSY, SOLID STATE (SEE IPL FIG. 1 FOR NHA) NOTE: SIMILAR TO P/N 11059-83 EXCEPT FOR WIRE LENGTH TO ITEM 50A	C	RF
5	11059-12-36	. PLATE ASSY ATTACHING PARTS		1
10	AN507C832R10	. SCREW * * *		2
15	11059-12-33	. PRINTED CIRCUIT BOARD ASSY ATTACHING PARTS		1
20	NAS679C04M	. NUT		2
25	AN960C4	. WASHER		3
30	MS35333-70	. WASHER, LOCK		1
35	5411-23	. LUG, TERMINAL (V86928)		1
40	MS51957-15	. SCREW * * *		2
45	AD18-183	. DISCONNECT, FEMALE (V0W1Z2)	A	2
50	MS3100F16S-4P	. CONNECTOR	A	1
R 50A	350689-1	. SOCKET, CONNECTOR	B,C	2
R 55	1-480701-0	. CONNECTOR, CAP	B,C	1
60	1-480698-0	. PLUG, CONNECTOR (V00779)	A	1
R 60A	1-480702-0	. PLUG, CONNECTOR	B,C	1
65	350690-1	. PIN, CONNECTOR (V00779)		2
70	MS35489-4	. GROMMET		1
75	2333-7	. DECAL, IDENTIFICATION		1
80	11059-1	. ENCLOSURE, TIMER		1
		NOTE : ALL WIRES TO BE 20 AWG PER MIL-W-16878/4A, TYPE E.		

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**ILLUSTRATED PARTS LIST
PN 4620 SERIES**



Check Valve Assy
IPL Figure 6

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FIG. ITEM	PART NUMBER	NOMENCLATURE							EFF CODE	UNITS PER ASSY
		1	2	3	4	5	6	7		
6 -1	4631-12	CHECK VALVE ASSY (SEE IPL FIG. 1 FOR NHA)								RF
5	14300-109-1	. CAP								1
10	NAS501-3-3A	. ATTACHING PARTS								4
15	AN960C10L	. BOLT, HEX HD.								8
20	NAS679C3M	. WASHER, FLAT								4
		. NUT, SELF-LOCKING								4
		* * *								
25	4803-48	. GASKET								1
30	16007-009-2	. VALVE, MUSHROOM								1
35	4631-13	. BODY								1

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