

PARTS

Ovation Series Dispensers



TERMS AND ACRONYMS

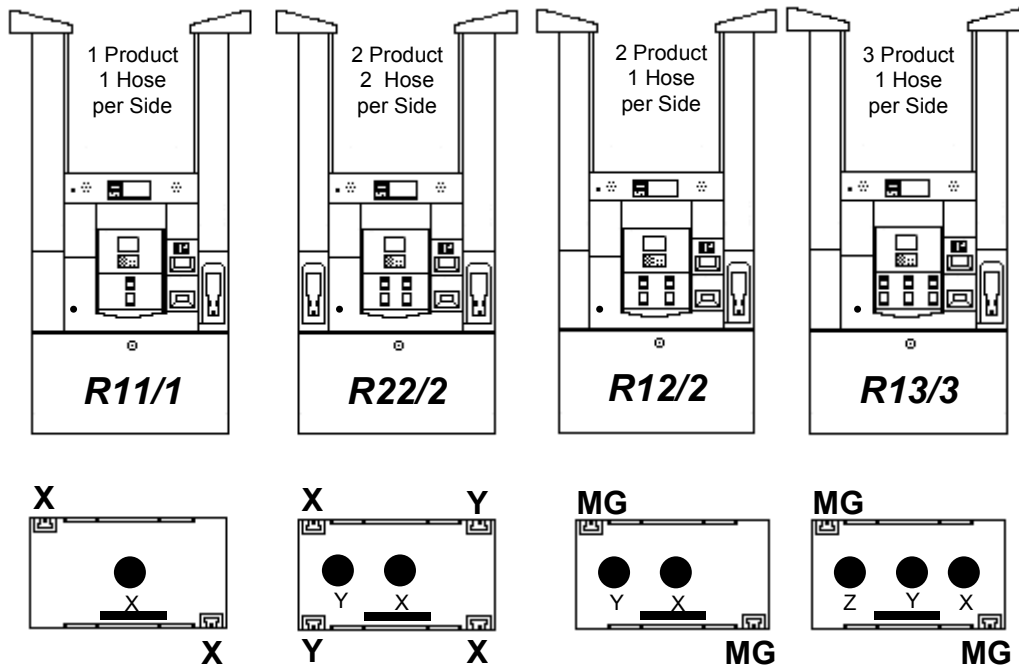
Acronym / Abbreviation	Description
ASSY	ASSEMBLY
AU	AUTO ON
BRKT	BRACKET
CAT	CUSTOMER ACTIVATED TERMINAL
CPM	CUSTOMER PAYMENT MODULE
CD	CHARACTER DISPLAY
DEM	DISPLAY ELECTRONIC MODULE
DES	DATA ENCRYPTION STANDARD
DSPL	DISPLAY
DS	DUAL SIDED
GD	GRAPHICS DISPLAY
GHM	GLOBAL HYDRAULICS MODULE, iMETER - 2/VISTA HYDRAULICS MODULE
HH	HAND HELD WAYNE TRAC TRANSPONDER
HTR	HEATER
iGEM	3/VISTA, GLOBAL ELECTRONICS WITH iMETER - 2/VISTA HYDRAU- LICS MODULE
iMETER	2/VISTA HYDRAULICS MODULE
KDC	KEYPAD DISPLAY CONSOLE
KYPD	KEYPAD
LTS	LIFT TO START
MFG	MANUFACTURING
MGD	MULTI-GRADE DISPENSER
NDES	NON-DES
N-ENCL	NEW ENCLOSURE
OCPT	OUTDOOR CARD PROCESSING TERMINAL
PCB	PRINTER CIRCUIT BOARD
PMPHD	PUMP HEAD
PRMGD	PROGRAMED
PWR	POWER
PTS	PUSH TO START
RP	RECEIPT PRINTER
SCD	SECURED
SCR	SCREW
SP	SINGLE PRICING
SS	SINGLE SIDED
TBR	TEAR BAR PRINTER
VAC	VAPOR RECOVERY
WSHR	WASHER
WT	WAYNE TRAC
W/VAC	WAYNE VAC VAPOR RECOVERY

Ovation Series Dispensers Parts Manual

This manual lists parts for Ovation series dispensers. For common and shared assemblies see other manuals referenced in the parts tables. For a breakdown of optional equipment see that specific option parts manual. Wayne parts manuals are available in an Annual Parts Subscription on CD-ROM and paper and can be ordered through Wayne Service parts.

Wayne Dispenser Configurations for Ovation Model Series

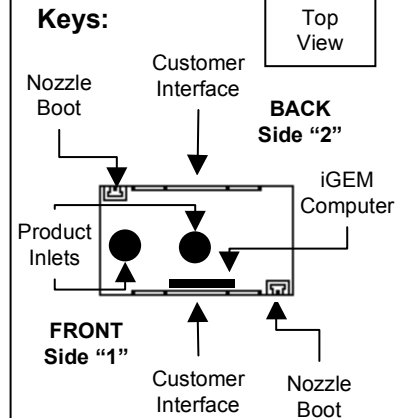
Non-Blenders



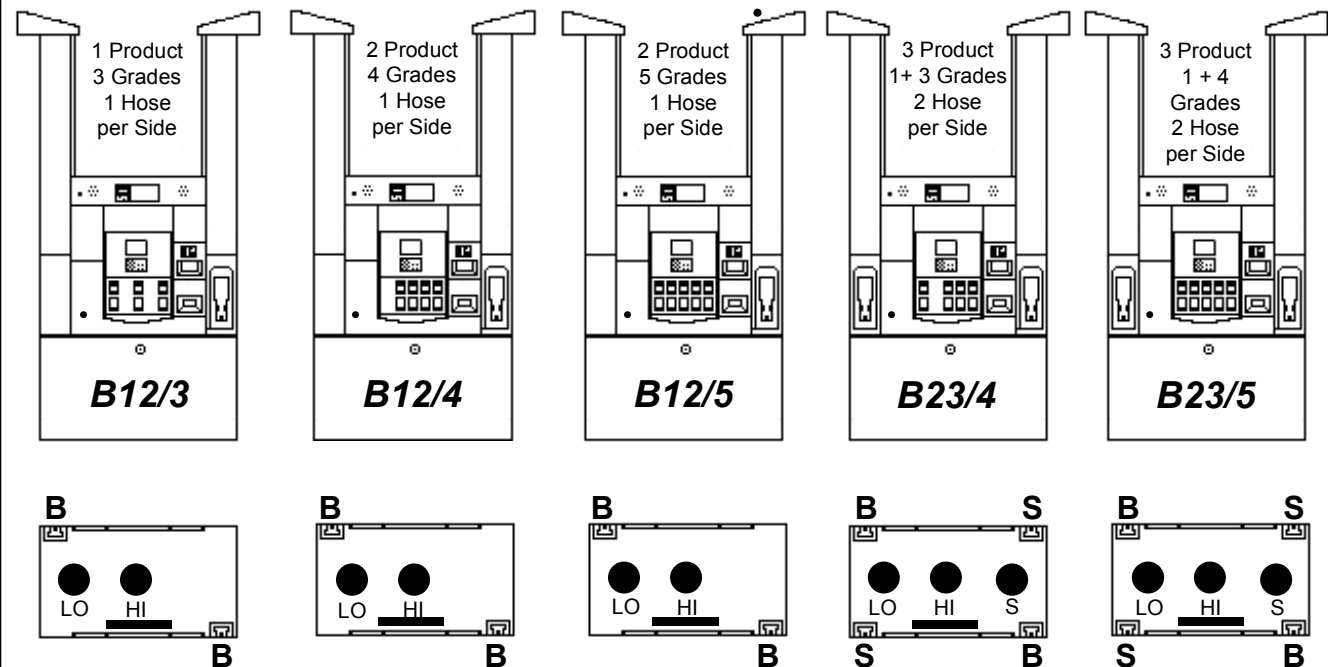
Grade designations for nozzle boot and inlet positions:

X = Product 1
Y = Product 2
Z = Product 3
MG = Multi-grade Nozzle
LO = Low grade product
HI = High grade product
S = Separate product
B = Blend Nozzle

Keys:



Blenders



3814 Jarrett Way
Austin, Texas 78728-1212
Rev. C 05/31/2002

Note: All Models Also Available in Singled Side Configurations

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HOW TO LOCATE PARTS

How to locate part number:

- Use the List of Tables to locate the Module containing part needed, (Hydraulics, Bezel, Electronic Head, etc.).
- Using the Module description find the Table number and page where shown. Turn to indicated page.
- In the Table use the Drawing* number, (DWG) listed under the Part No. column, to find the corresponding module drawing. Turn to drawing indicated.
- Locate the part or assembly needed on the module drawing and the corresponding Item** number.
- Then using the Item number on the drawing find the specific part number, quantity and description in the parts table for your model.
- Some parts and assemblies may breakdown further. Follow the instructions in the table to '**See Other Tables or Manuals**'.***

*Some tables refer to several Drawings (DWG) for part identification.

The item numbers shown on the drawings are intended only to locate the part number and description in the accompanying table of parts. **Do not order parts by item number.

***Some common part assemblies, subassemblies and modules are listed in other parts manuals, and show a further breakdown of parts.

HOW TO CONTACT WAYNE

WAYNE TECHNICAL SUPPORT **1-800-926-3737**

WAYNE SERVICE PARTS DEPT. **PH: 1-512-218-6547**
FAX ORDERS: 1-512-388-8592

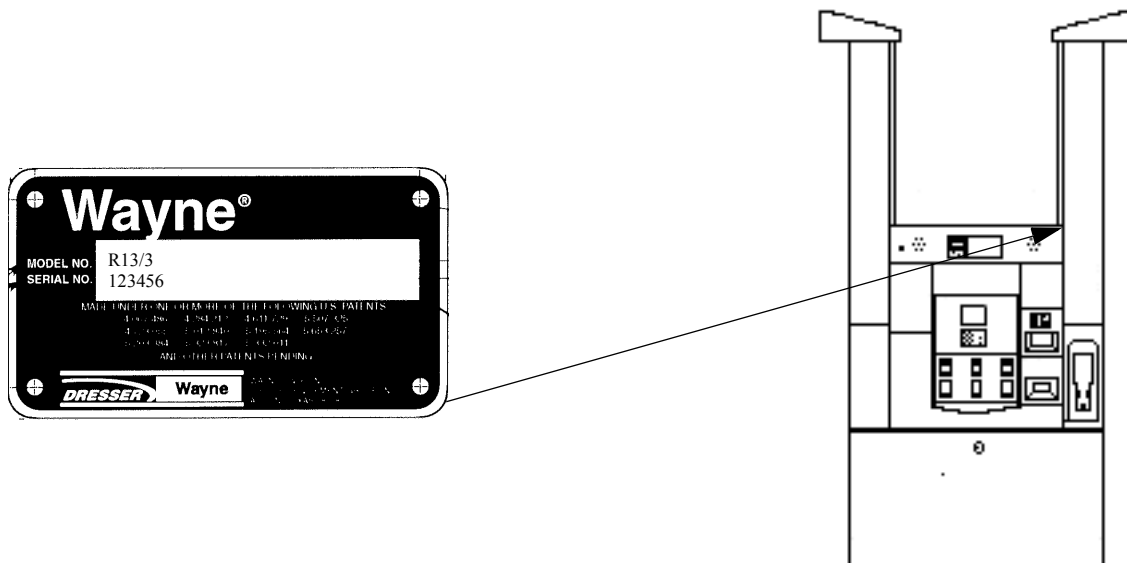
WAYNE ONLINE PARTS ORDERING **www.wayne.com**
(use the eBusiness link)

HOW TO ORDER PARTS

To insure correct and prompt delivery of parts, furnish the serial number, model number and any existing code number on the dispenser serial plate, located on the upper right side of the dispenser, a sample of which is shown below.

When ordering parts supply the following information:

- Serial number of dispenser.
- Model number of dispenser.
- Part number.
- Description of the part.
- Quantity desired.

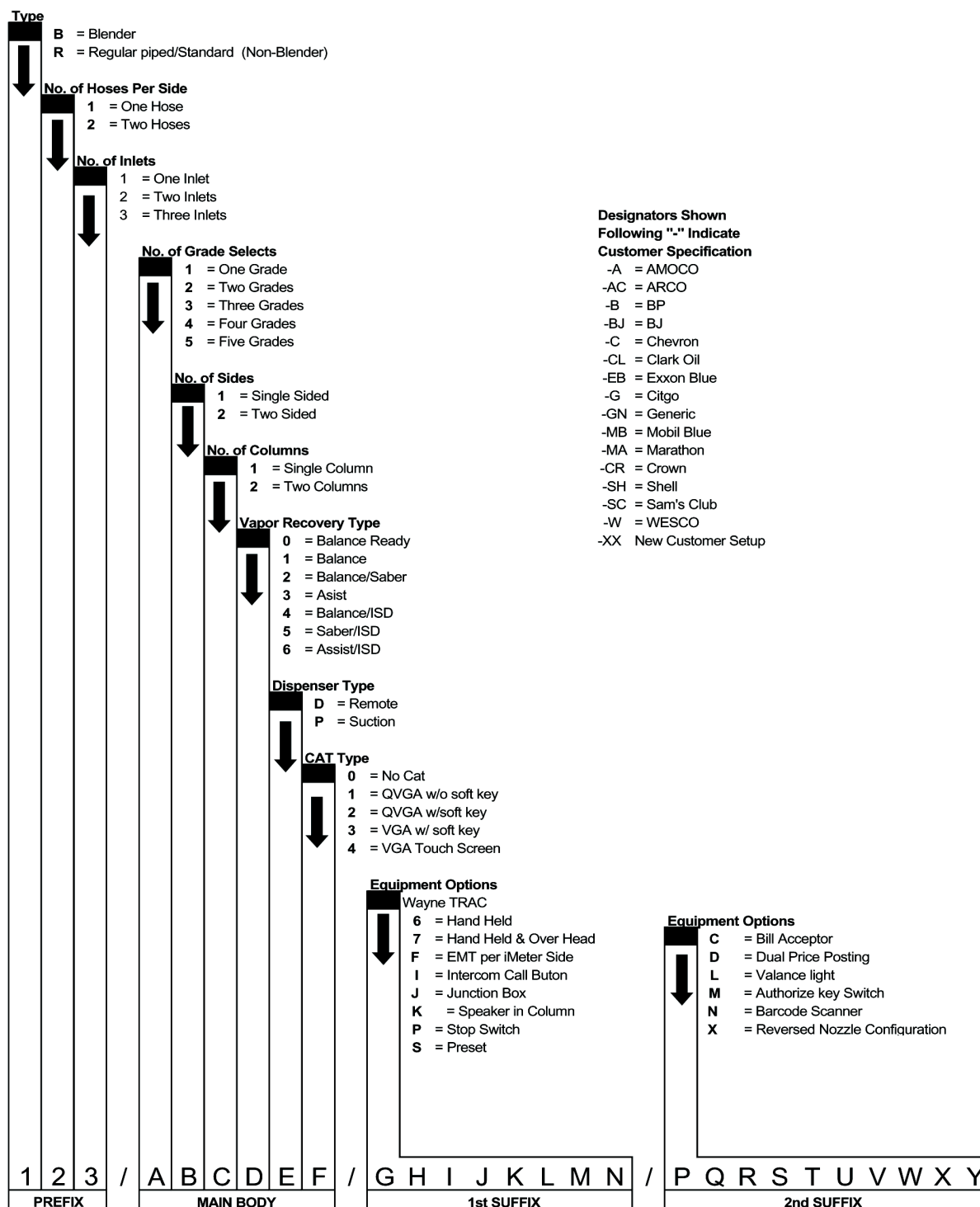


The Model and Serial Numbers above are examples only.

NOTE: When ordering parts with particular company specifications such as doors, advertising panels and dial faces, please call our Service Parts Department at 1-512-218-6547 with specific dispenser model number and serial number. All warranty parts are to be ordered through local distributors.

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Model Designation String Numbers and Letters Define Positions for Equipment Configuration and Options

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TABLE 1. RECOMMENDED SPARE PARTS, OVATION

Part No.	Description	Stock	Qty.
	EXISTING IGEM PARTS REQUIRED		
168861	IGEM COMPUTER BOARD	TRUCK	1
001-048015-00S	IMETER ASSY W/O PULSER	TRUCK	1
004-921469-KIT	PULSER, WIP-IGEM	TRUCK	1
005-300825-	ISB, ASSY IGEM	TRUCK	1
019-301176-HRN	WIRING HARNESS,PULSER	SHELF	1
1-202022	KEY, BEZEL/SERVICE DOOR	TRUCK	1
882758-001	HEATER/FAN ASSY, 100-120 VAC	TRUCK	1
883540-002	TOTALIZER, 24V	TRUCK	1
883924-002	CABLE ASSY, PRINTER	SHELF	1
886495-002	ANNUNCIATOR	SHELF	1
887223-001	IGEM 24V DC DISTR BD	TRUCK	1
887225-001	IGEM PUMP RELAY BD	TRUCK	1
887334-002	POWER SUPPLY, IGEM, 24V 144W	TRUCK	1
887811-001	JUMPER, LOCAL AUTH/STANDALONE	TRUCK	1
905817-	VALVE ORING	TRUCK	1
	NEW OVATION PARTS REQUIRED		
887212-001	DISPLAY, QVGA	TRUCK	1
887295-001	DISPLAY, VGA, OPTIONAL	AR	1
887320-002	BCB BOARD FOR VGA, OPTIONAL	AR	1
887460-001/XXX	GLASS & DECAL ASSY, MAIN SALES DSPL	SHELF	1
887464-001	GLASS, QVGA DISPLAY	SHELF	1
887465-001	GLASS, VGA DISPLAY, OPTIONAL	AR	1
887577-001	POWER SUPPLY,VGA 12V 80W, OPTIONAL	A/R	1
887627-001	PRINTER, CLAMSHELL	TRUCK	1
887693-001	LOCK/KEY SET, PRINTER DOOR	SHELF *	1
887713-001	ADS BOARD, FOR VGA, OPTIONAL	A/R	1
887749-002	CARD READER, SEALED	TRUCK	2
887862-XXX	KEYPAD FACEPLATE	TRUCK	1
887869-XXX	KEYPAD	TRUCK	1
887972-001	BACKLITE FOR U/P DSPL	SHELF	1
887974-001	BACKLITE FOR SALES DSPL	SHELF	1
887979-001	SALES DISPLAY BOARD	TRUCK	1
887981-003	U/P DISPLAY BOARD, 3 PROD	TRUCK	1
887981-005	U/P DISPLAY BOARD, 5 PROD	TRUCK	1
888422-001	NOZZLE BOOT, COMPLETE ASSY	SHELF	1
888425-001	VALVE & CONDUIT ASSY, STRAIGHT	TRUCK	1
888425-002	VALVE & CONDUIT ASSY, 90O BEND	TRUCK	1
888574-001	QCAT BOARD	TRUCK	2
888627-001	VGA SOFTKEY, 1X4, OPTIONAL	AR	1
888629-XXX	VGA SOFTKEY FACEPLATE, OPTIONAL	AR	1
888872-001	PTS BUTTON KIT	TRUCK	1
888872-001	PTS PLUG KIT	TRUCK	1
888985-001	NOZZLE BOOT SERVICE KIT	TRUCK	1

TABLE 1. RECOMMENDED SPARE PARTS, OVATION

Part No.	Description	Stock	Qty.
	WAYNE TRAC COMPONENTS, OPTIONAL		
	EXISTING IGEN PARTS		
883970-020	LEGACY CAT BD, WTRAC HANDHELD ONLY	AR	1
886020-R01	CARRIER BOARD	AR	1
886443-R01	LUHF ASSY	AR	1
886940-001	POWER I/C BD, WTRAC HANDHELD ONLY	AR	1
887334-002	POWER SUPPLY, 24V 144W, WTRAC	AR	1
	NEW OVATION PARTS		
887985-001	BEZEL CONTROL BD, WTRAC	AR	1
887987-0001	BEZEL LIGHT BD, WTRAC	AR	1
	SCANNER COMPONENTS, OPTIONAL		
	NEW OVATION PARTS		
887880-001	BARCODE SCANNER W/CABLE	AR	1
888001-001	SCANNER/LITE BOARD	AR	1
	WAYNE VAC COMPONENTS, OPTIONAL		
	EXISTING IGEN PARTS		
887227-001	DUAL WAYNE VAC CONTROL BD	AR	1
887334-002	POWER SUPPLY, 24V 144W, WVAC	AR	1
	SERVICE TOOLS REQUIRED		
	EXISTING IGEN PARTS		
886446-001	IR REMOTE	TRUCK	1
887722-001	SERVICE TERMINAL KIT	TRUCK	1



TABLE 2. 888158-001 - ELECTRONIC ENCLOSURE ASSY

Item No.	Part No.	Qty.	Description
	888158-001/GEN		ELEC ENCL ASSY,GEN
DWG	888158-XXX		ELEC ENCL ASSY,GEN
1	888159-001	1	ENCLOSURE,2COL,OVATION
2	888160-001	2	BASE ANGLE,ENCL,OVATION
3	888328-001	2	BRACKET,SUPPORT,ELEC CABI
4	888162-001/GEN	1	SKIN,ELEC ENCL
5	888147-001	2	COLUMN MTG BRKT,OVATION
6	888348-001	2	COVER PLATE,BLANK,OVATION
7	-918391-003	4	RECEPT,CLIP-ON CAPTIVE SC
8	-918513-	60	SCREW,SHAKEPROOF TAP/R TH
9	-507923-	12	HHC S1/4-20X7/8
10	-918210-	12	NUT 1/4-20 HXNTLKSTZN ELA
11	888413-001	52	WSHR,ALUM .266X.687X.064
12	888479-001/GEN	2	VAP BARRIER EXTEN
13	-129819-	1	BRKT - VAPOR RETURN
14	007-200723-	1	PLATE-SERIAL NUMBERS,AUS.
15	-914978-	4	RIV M1/8X.316 CL END POP



TABLE 3. 888418-001/GEN - HYDRAULIC ENCLOSURE ASSY, OVATION

Item No.	Part No.	Qty.	Description
	888418-001/GEN		HYD ENCL ASSY,GEN
DWG	888418-XXX		HYDRAULIC ENCLOSURE ASSY,
1	888168-001	1	ENCLOSURE,HYDRAULIC
2	888169-001	2	BASE ANGLE,HYDRAULIC ENCL
3	888170-001	2	SUPPORT,METER PLATFORM
4	888163-001/GEN	2	SKIN HYD.CABINET,OVATIO
5	-918513-	32	SCREW,SHAKEPROOF TAP/R TH
6	-918391-003	4	RECEPT,CLIP-ON CAPTIVE SC

888423-XXX

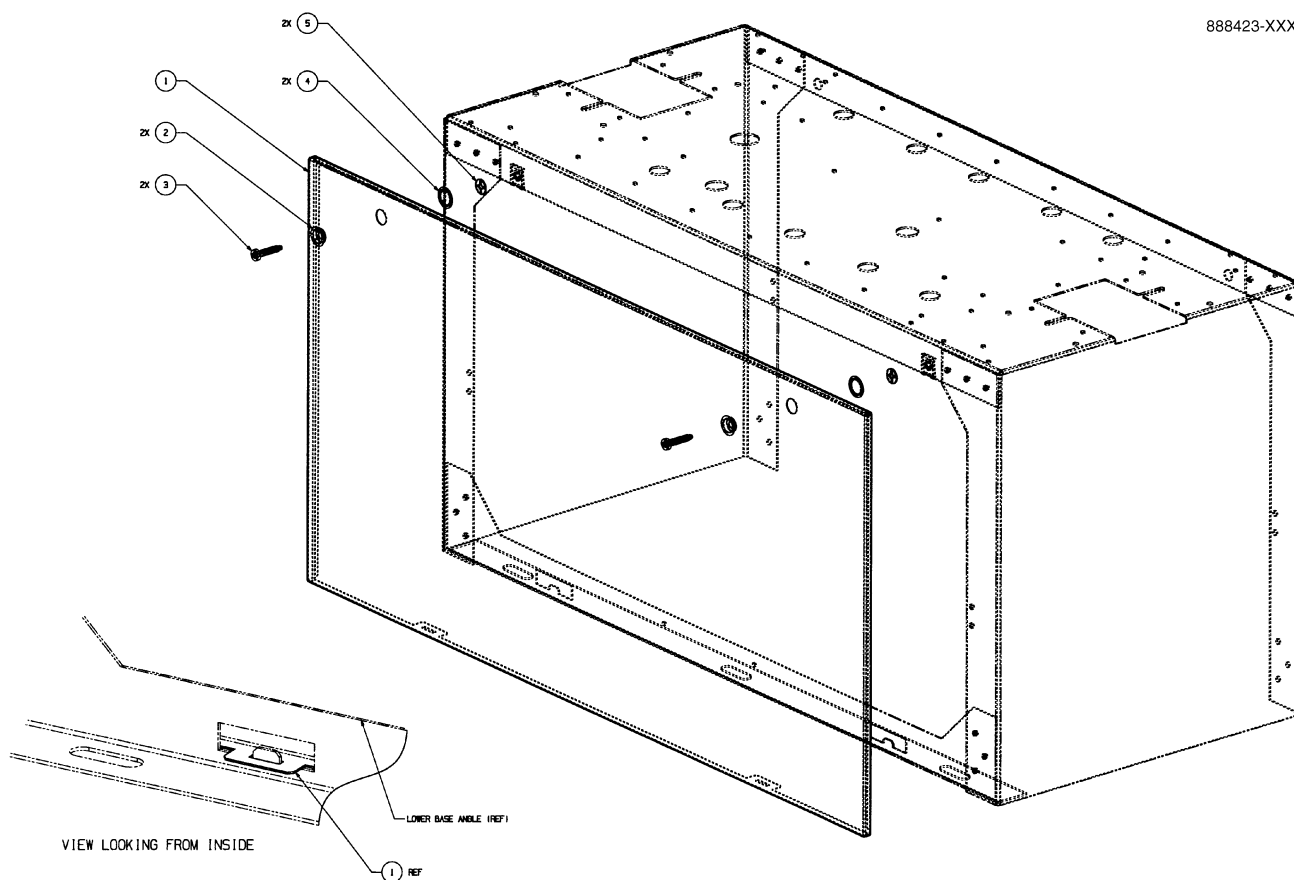


FIGURE 4. 888423-XXX - LOWER DOOR MODULE, OVATION

TABLE 4. 888423-001/GEN - LOWER DOOR MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888423-001/GEN		LOWER DOOR MODULE,OVATI
DWG	888423-XXX		LOWER DOOR MODULE,OVATION
1	888353-001/GEN	1	DOOR,OVATION
2	888366-001	2	INSERT,OVATION DOOR
3	002-202021-	2	QUICK RELEASE SCREW
4	888412-001	2	RETAINER,OVATION DOOR INS
5	001-301675-	2	RETAINER,QUICK RELEASE

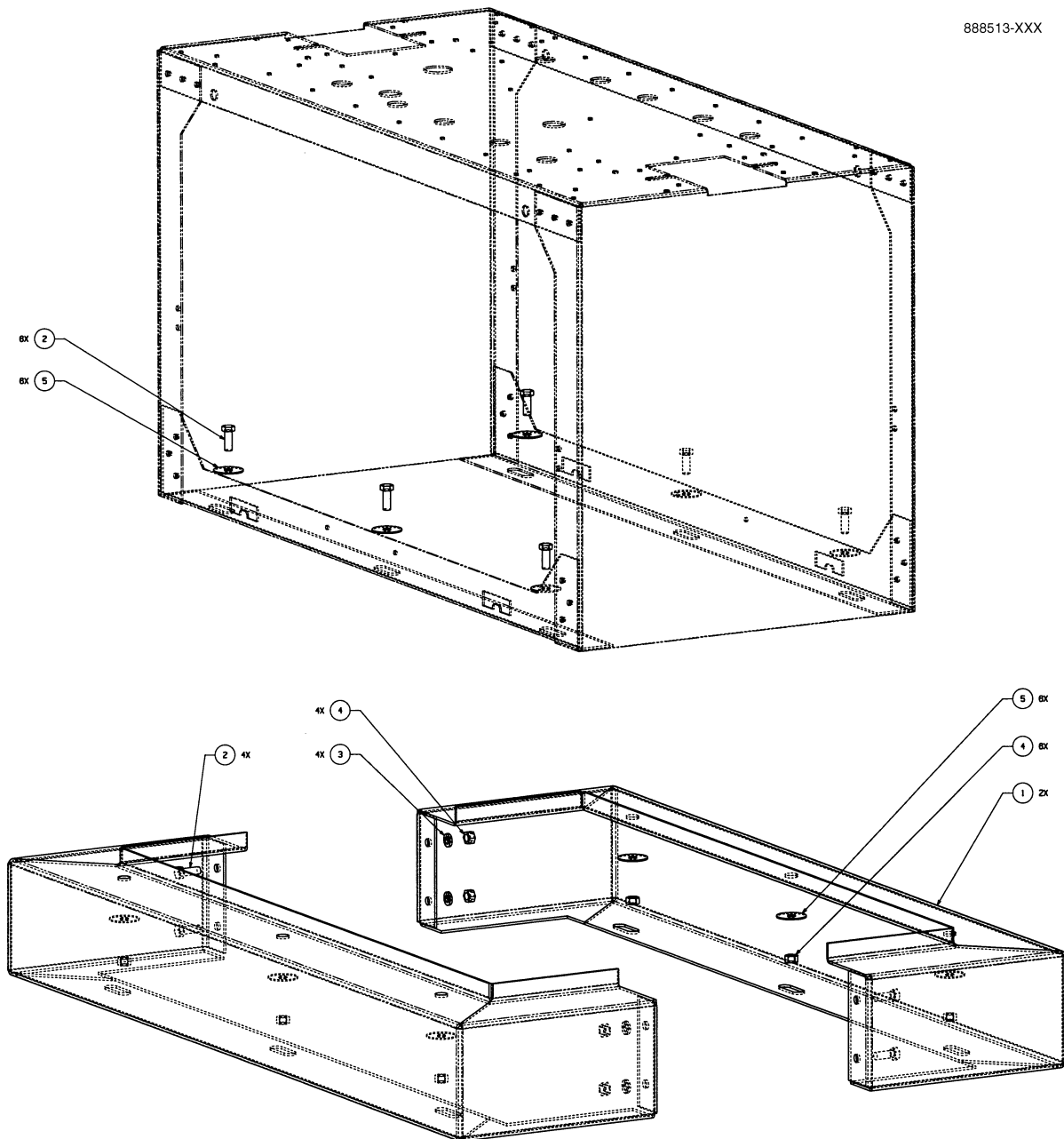


FIGURE 5. 888513-XXX - PEDESTAL MODULE, OVATION

TABLE 5. 888513-XXX - PEDESTAL MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888513-001		PEDESTAL MODULE
DWG	888513-XXX		PEDESTAL MODULE
1	888358-001	2	BRKT,ISLAND RISER,OVATION
2	-507056-	10	HHC S3/8-16X1
3	-902018-	10	LOCK W3/8X1/8X3/32KATLINK
4	-511275-	10	NUT 3/8-16 HXNTMSSSPA
5	888508-001	12	FENDER W13/32X1.50X.125

888498-XXX

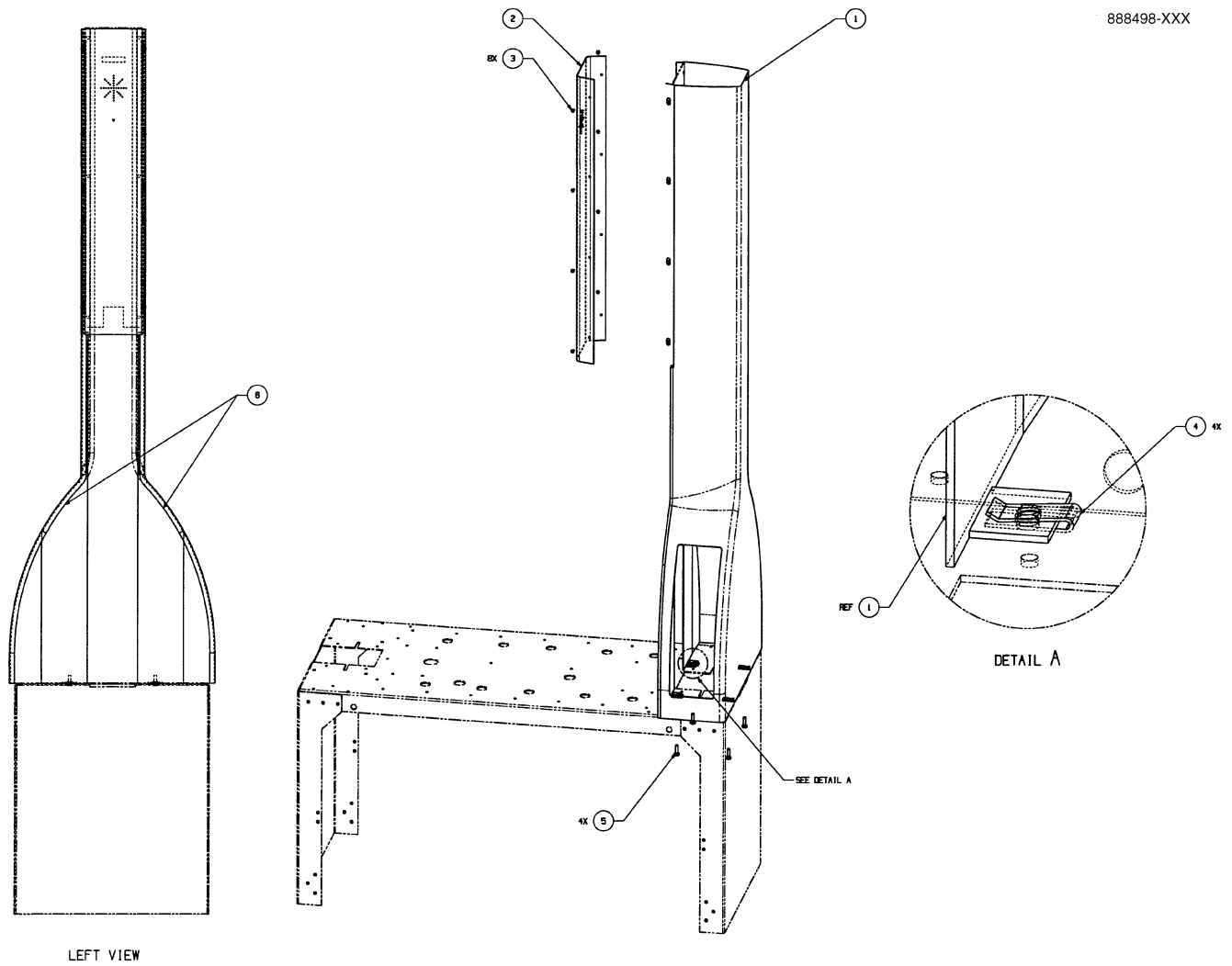


FIGURE 6. 888498-XXX - COLUMN COVER MODULE, OVATION

TABLE 6. 888498-001/GEN - COLUMN COVER MODULE, LEFT OPEN

Item No.	Part No.	Qty.	Description
	888498-001/GEN		CLMN COVER MOD,LEFT OPEN
DWG	888498-XXX		COLUMN COVER MOD,OVATION
1	888291-001/GEN	1	COLUMN COVER,LEFT OPENING
2	888150-001/GEN	1	BACK COVER,OVATION COLUMN
3	-916557-	8	SCR 8-32X5/16 PHMSPHSTZN/
4	888404-001	4	TINNERMAN CLIP,1/4-20
5	-507923-	4	HHC S1/4-20X7/8
6	888504-001	2	GASKET,37"LONG

TABLE 7. 888498-002/GEN - COLUMN COVER MODULE, BOTH OPEN

Item No.	Part No.	Qty.	Description
	888498-002/GEN		CLMN COVER MOD,BOTH OPEN
DWG	888498-XXX		COLUMN COVER MOD,OVATION
1	888291-002/GEN	1	CLMN COVER,BOTH OPENINGS
2	888150-001/GEN	1	BACK COVER,OVATION COLUMN
3	-916557-	8	SCR 8-32X5/16 PHMSPHSTZN/
4	888404-001	4	TINNERMAN CLIP,1/4-20
5	-507923-	4	HHC S1/4-20X7/8
6	888504-001	2	GASKET,37"LONG

TABLE 8. 888498-003/GEN - COLUMN COVER MODULE, RIGHT OPEN

Item No.	Part No.	Qty.	Description
	888498-003/GEN		CLMN COVER MOD,RIGHT OPEN
DWG	888498-XXX		COLUMN COVER MOD,OVATION
1	888291-003/GEN	1	CLMN COVER,RIGHT OPENING
2	888150-001/GEN	1	BACK COVER,OVATION COLUMN
3	-916557-	8	SCR 8-32X5/16 PHMSPHSTZN/
4	888404-001	4	TINNERMAN CLIP,1/4-20
5	-507923-	4	HHC S1/4-20X7/8
6	888504-001	2	GASKET,37"LONG

TABLE 9. 888498-004/GEN - COLUMN COVER MODULE, NO OPENING

Item No.	Part No.	Qty.	Description
	888498-004/GEN		CLMN COVER MOD,NO OPENING
	888498-XXX		COLUMN COVER MOD,OVATION
1	888291-004/GEN	1	COLUMN COVER,NO OPENING
2	888150-001/GEN	1	BACK COVER,OVATION COLUMN
3	-916557-	8	SCR 8-32X5/16 PHMSPHSTZN/
4	888404-001	4	TINNERMAN CLIP,1/4-20
5	-507923-	4	HHC S1/4-20X7/8
6	888504-001	2	GASKET,37"LONG

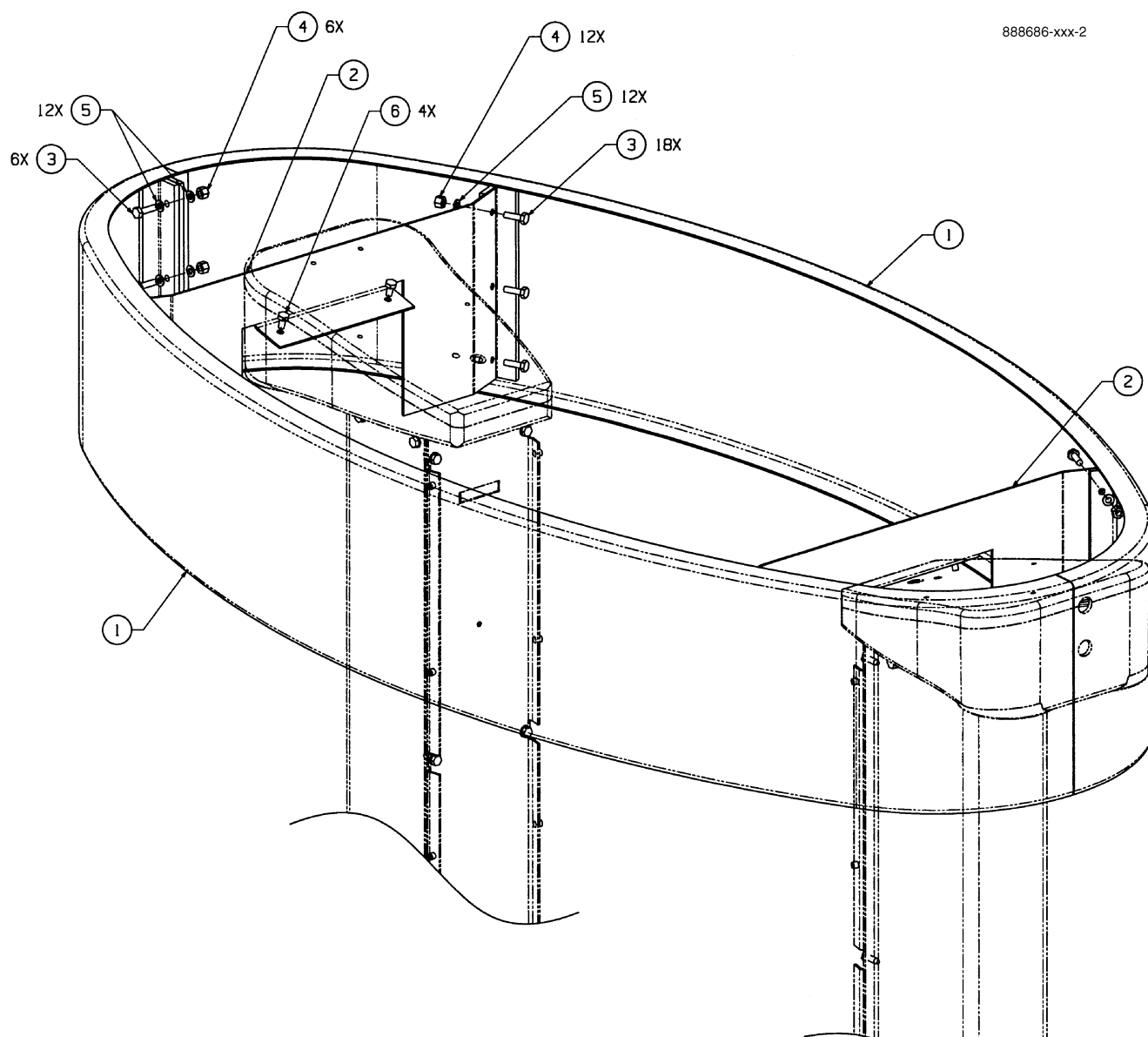


FIGURE 7. 888686-XXX - VALANCE MODULE, OVATION

TABLE 10. 888686-001/GEN - VALANCE MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888686-001/GEN		MODULE,VALANCE OVATION
DWG	888686-XXX	1	MODULE,OVATION VALANCE
1	888684-001/GEN		VALANCE,OVATION
2	888685-001	2	BRACKET,OVATION VALANCE
3	-507923-	18	HHC S1/4-20X7/8
4	-918210-	18	NUT 1/4-20 HXNTLKSTZN ELA
5	-905245-	24	WSHR 1/4 FWSTCD
6	-507182-	4	BLT 1/4-20X5/8 HHCSUNG5CD
7	888707-001	1	BOX,OVATION VALANCE
8	888708-001	1	PAD,OVATION VALANCE BOX

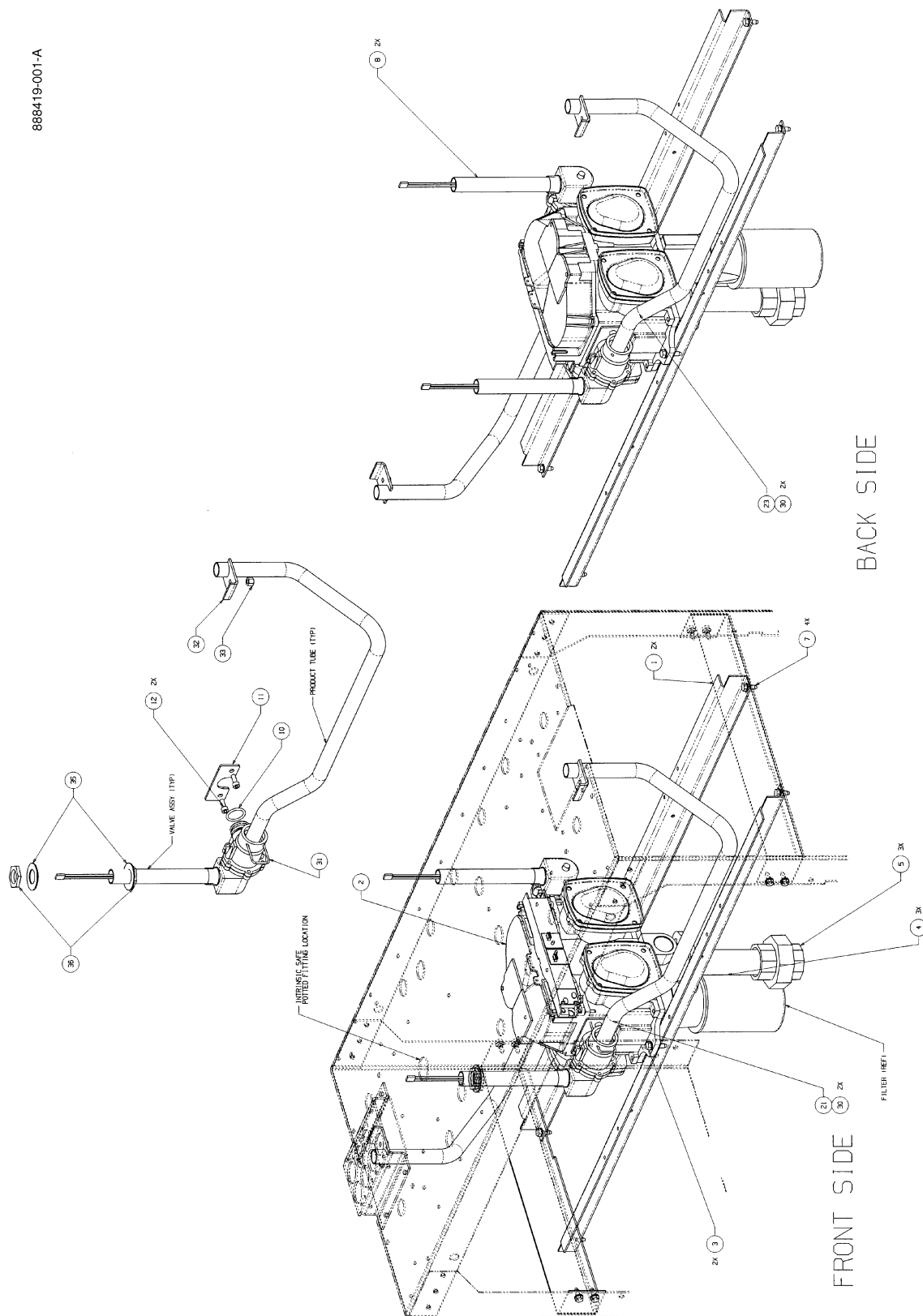


FIGURE 8. 888419-001 - HYDRAULIC ASSY, OVATION R/11

TABLE 11. 888419-001 - HYDRAULIC MODULE, OVATION R11

Item No.	Part No.	Qty.	Description
	888419-001		HYDRAULIC MOD,OVATN-R11/
DWG	888419-001		HYDRAULIC MOD,OVATN-R11/
1	888171-001	2	PLATFORM,METERS,OVATION
2	001-047917-	1	GHM REMOTE W/SLEEVES
3	001-918513-	2	SCR,SHAKEPROOF,TAP/R THRE
4	005-127756-750	1	NIPPLE 1-1/2 NPT
5	-512101-	1	UNION 1-1/2 F.F.
7	-918513-	6	SCREW,SHAKEPROOF TAP/R TH
8	888425-001	2	VALVE CONDUIT,OVATION
10	-905817-	2	ORING
11	001-202046-	2	CLAMP,SKINNER VALVE
12	001-921053-	4	SHCS M6 X 1 X 16MM
21	888310-001	1	TUBE,OVATION
23	888312-001	1	TUBE,OVATION
30	001-921130-	4	O-RING
31	003-301748-	2	LOCKPIN,7/8 TUBE
32	888156-001	3	CLAMP,PRODUCT TUBE,OVATIO
33	-918210-	3	NUT 1/4-20 HXNTLKSTZN ELA
35	-126817-	4	WSHR .875X1.625X.062 FWST
36	005-129498-	4	LOCKNUT,CONDUIT

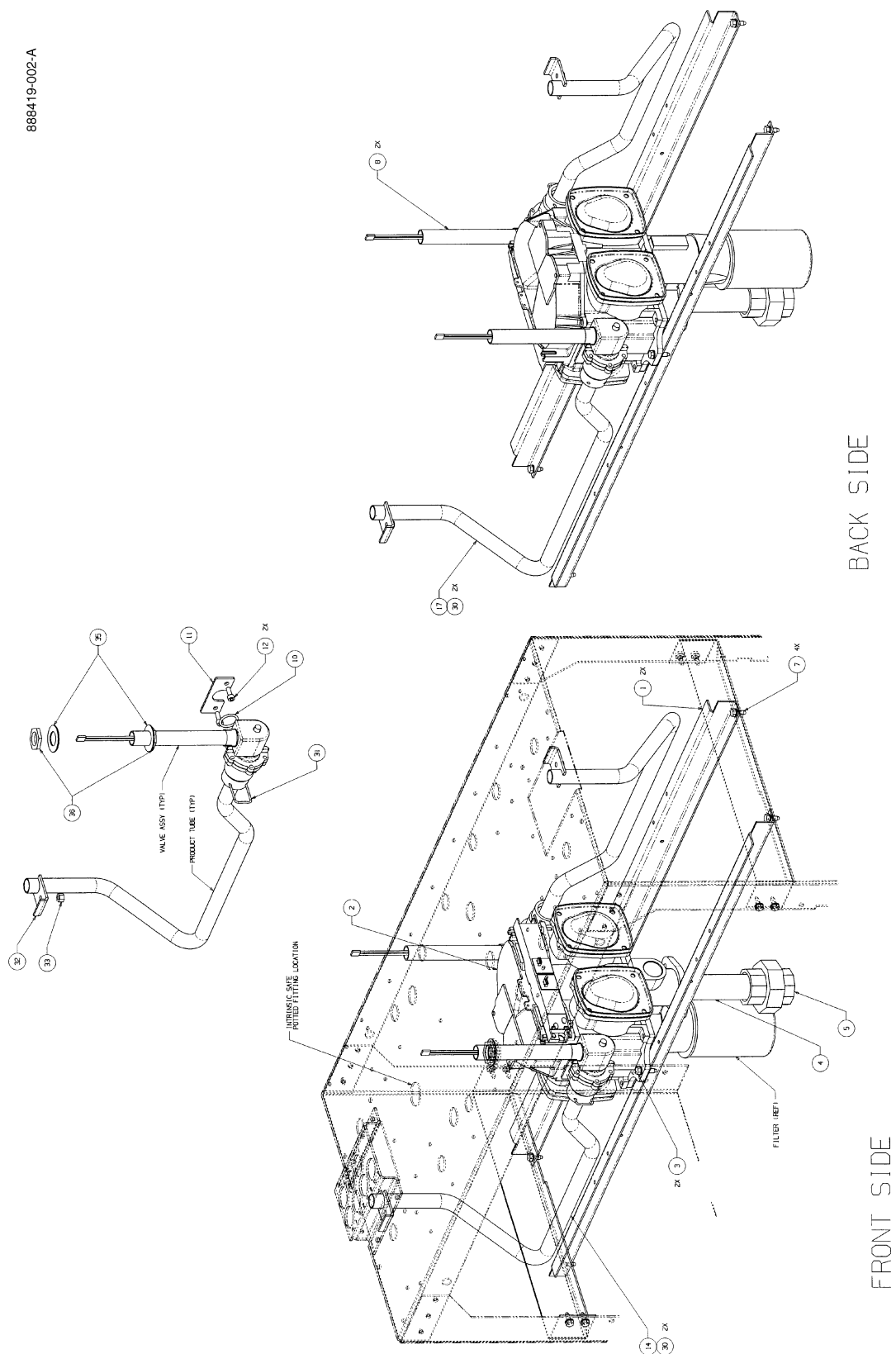


FIGURE 9. 888419-002 - HYDRAULIC MODULE, OVATION R11/122/X

TABLE 12. 888419-002 - HYDRAULIC MODULE, OVATION R11/122/X

Item No.	Part No.	Qty.	Description
	888419-002		HYDR ASSY,OVATN,R11/122/X
DWG	888419-002		HYDR ASSY,OVATN,R11/122/X
1	888171-001	2	PLATFORM,METERS,OVATION
2	001-047917-	1	GHM REMOTE W/SLEEVES
3	001-918513-	2	SCR,SHAKEPROOF,TAP/R THRE
4	005-127756-750	1	NIPPLE 1-1/2 NPT
5	-512101-	1	UNION 1-1/2 F.F.
7	-918513-	4	SCREW,SHAKEPROOF TAP/R TH
8	888425-001	2	VALVE CONDUIT,OVATION
10	-905817-	2	ORING
11	001-202046-	2	CLAMP,SKINNER VALVE
12	001-921053-	4	SHCS M6 X 1 X 16MM
14	888183-001	1	TUBE,OVATION
17	888186-001	1	TUBE,OVATION
30	001-921130-	4	O-RING
31	003-301748-	2	LOCKPIN,7/8 TUBE
32	888156-001	2	CLAMP,PRODUCT TUBE,OVATIO
33	-918210-	2	NUT 1/4-20 HXNTLKSTZN ELA
35	-126817-	4	WSHR .875X1.625X.062 FWST
36	005-129498-	4	LOCKNUT,CONDUIT

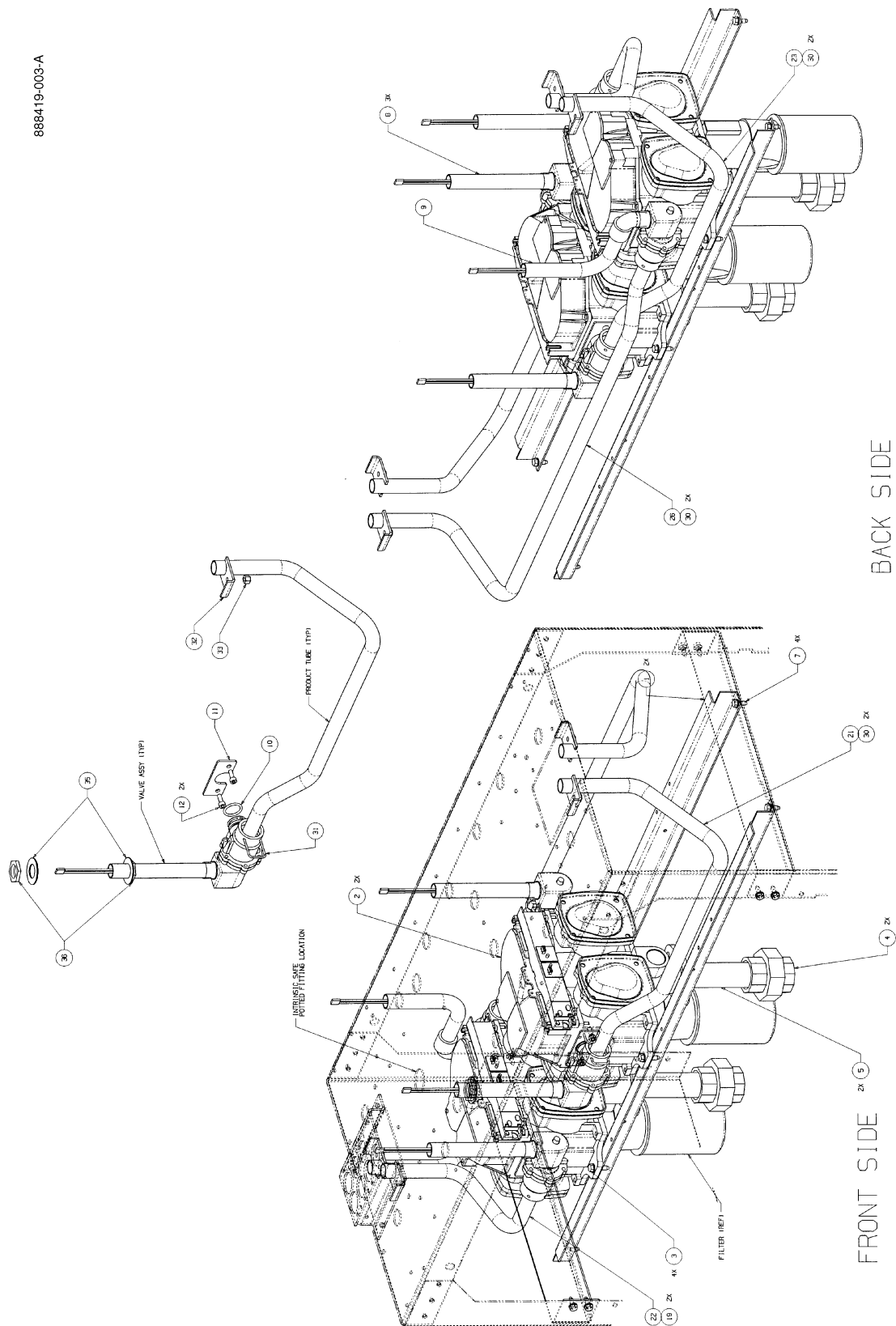


FIGURE 10. 888419-003 - HYDRAULIC MODULE, OVATION R22/222

TABLE 13. 888419-003 - HYDRAULIC MODULE, OVATION R22/222

Item No.	Part No.	Qty.	Description
	888419-003		HYDR ASSY,OVATION,R22/222
DWG	888419-003		HYDR ASSY,OVATION,R22/222
1	888171-001	2	PLATFORM,METERS,OVATION
2	001-047917-	2	GHM REMOTE W/SLEEVES
3	001-918513-	4	SCR,SHAKEPROOF,TAP/R THRE
4	005-127756-750	2	NIPPLE 1-1/2 NPT
5	-512101-	2	UNION 1-1/2 F.F.
7	-918513-	4	SCREW,SHAKEPROOF TAP/R TH
8	888425-001	3	VALVE CONDUIT,OVATION
9	888425-002	1	VALVE CONDUIT,OVATION
10	-905817-	4	ORING
11	001-202046-	4	CLAMP,SKINNER VALVE
12	001-921053-	8	SHCS M6 X 1 X 16MM
19	888184-001	1	TUBE,OVATION
21	888310-001	1	TUBE,OVATION
23	888312-001	1	TUBE,OVATION
26	888317-001	1	TUBE,OVATION
30	001-921130-	8	O-RING
31	003-301748-	4	LOCKPIN,7/8 TUBE
32	888156-001	4	CLAMP,PRODUCT TUBE,OVATIO
33	-918210-	4	NUT 1/4-20 HXNTLKSTZN ELA
35	-126817-	8	WSHR .875X1.625X.062 FWST
36	005-129498-	8	LOCKNUT,CONDUIT

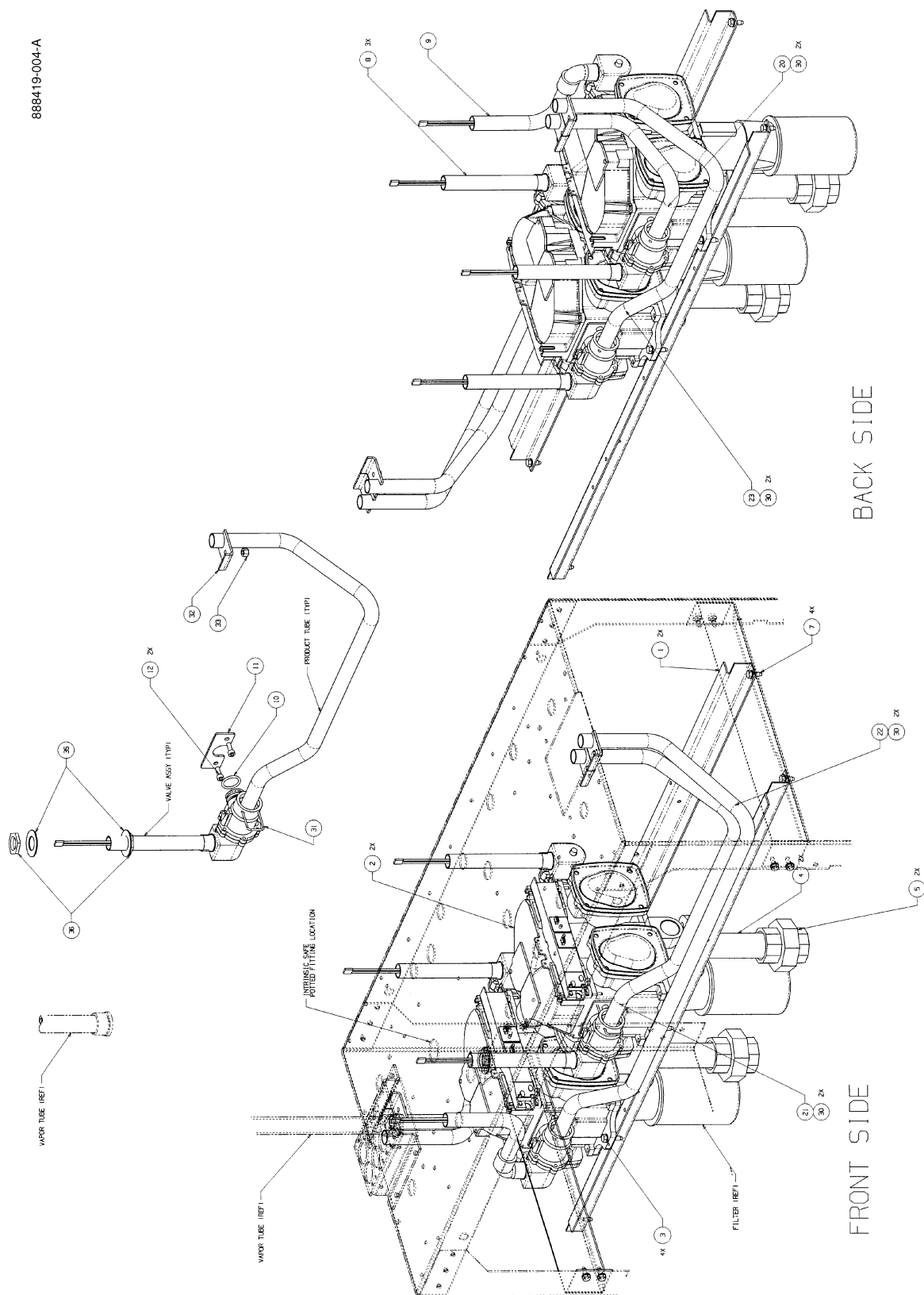


FIGURE 11. 888419-004 - HYDRAULIC MODULE, OVATION R22

TABLE 14. 888419-004 - HYDRAULIC MODULE, OVATION R22

Item No.	Part No.	Qty.	Description
	888419-004		HYDRAULIC ASSY,OVATION
DWG	888419-004		HYDRAULIC ASSY,OVATION
1	888171-001	2	PLATFORM,METERS,OVATION
2	001-047917-	2	GHM REMOTE W/SLEEVES
3	001-918513-	4	SCR,SHAKEPROOF,TAP/R THRE
4	005-127756-750	2	NIPPLE 1-1/2 NPT
5	-512101-	2	UNION 1-1/2 F.F.
7	-918513-	4	SCREW,SHAKEPROOF TAP/R TH
8	888425-001	3	VALVE CONDUIT,OVATION
9	888425-002	1	VALVE CONDUIT,OVATION
10	-905817-	4	ORING
11	001-202046-	4	CLAMP,SKINNER VALVE
12	001-921053-	8	SHCS M6 X 1 X 16MM
20	888309-001	1	TUBE,OVATION
21	888310-001	1	TUBE,OVATION
22	888311-001	1	TUBE,OVATION
23	888312-001	1	TUBE,OVATION
30	001-921130-	8	O-RING
31	003-301748-	4	LOCKPIN,7/8 TUBE
32	888156-001	4	CLAMP,PRODUCT TUBE,OVATIO
33	-918210-	4	NUT 1/4-20 HXNTLKSTZN ELA
35	-126817-	8	WSHR .875X1.625X.062 FWST
36	005-129498-	8	LOCKNUT,CONDUIT

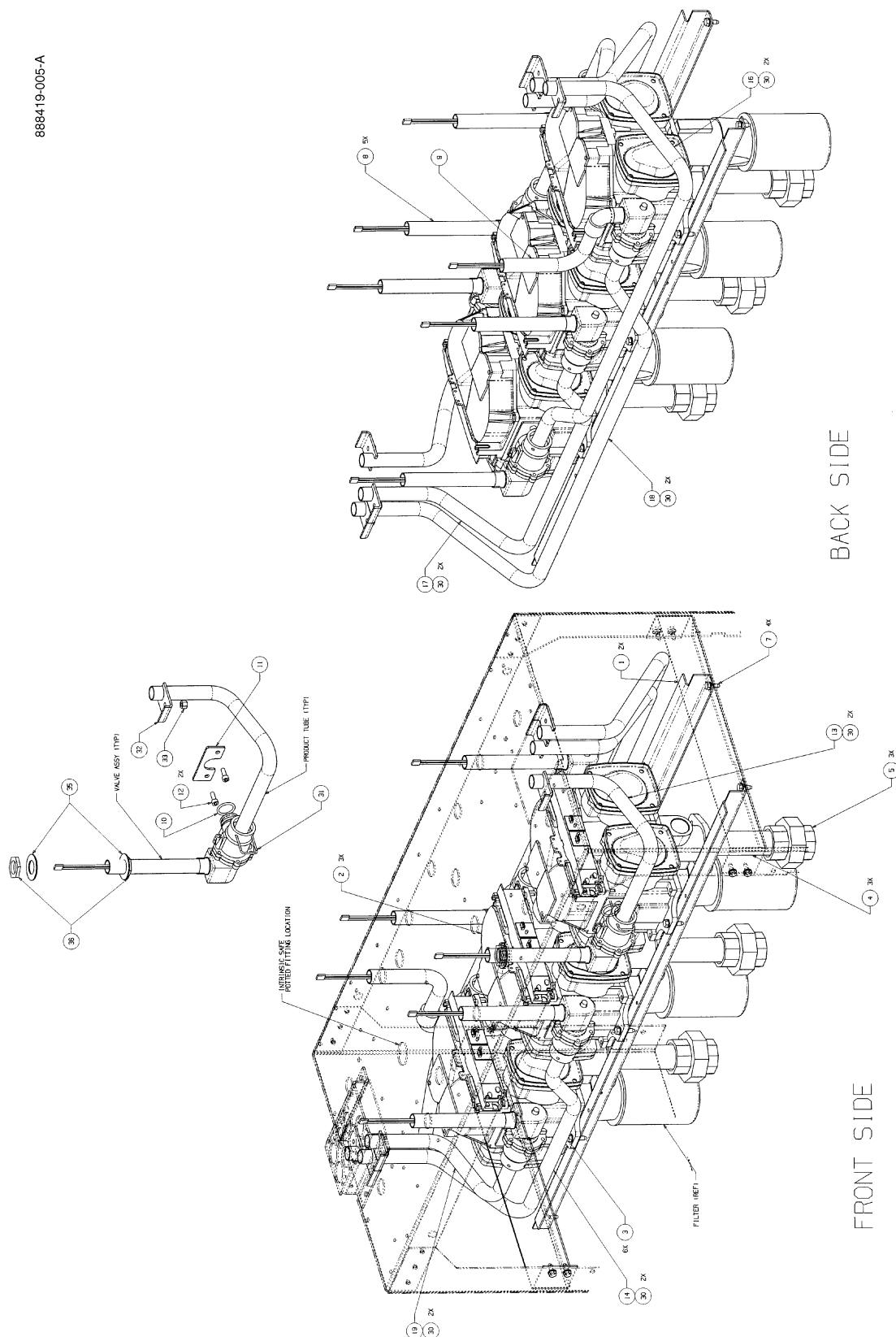


FIGURE 12. 888419-005 - HYDRAULIC MODULE, OVATION R23/322

TABLE 15. 888419-005 - HYDRAULIC MODULE, OVATION R23/322

Item No.	Part No.	Qty.	Description
	888419-005		HYDR ASSY,OVATION,R23/322
DWG	888419-005		HYDR ASSY,OVATION,R23/322
1	888171-001	2	PLATFORM,METERS,OVATION
2	001-047917-	3	GHM REMOTE W/SLEEVES
3	001-918513-	6	SCR,SHAKEPROOF,TAP/R THRE
4	005-127756-750	3	NIPPLE 1-1/2 NPT
5	-512101-	3	UNION 1-1/2 F.F.
7	-918513-	4	SCREW,SHAKEPROOF TAP/R TH
8	888425-001	5	VALVE CONDUIT,OVATION
9	888425-002	1	VALVE CONDUIT,OVATION
10	-905817-	6	ORING
11	001-202046-	6	CLAMP,SKINNER VALVE
12	001-921053-	12	SHCS M6 X 1 X 16MM
13	888182-001	1	TUBE,OVATION
14	888183-001	1	TUBE,OVATION
16	888185-001	1	TUBE,OVATION
17	888186-001	1	TUBE,OVATION
18	888187-001	1	TUBE,OVATION
19	888184-001	1	TUBE,OVATION
30	001-921130-	12	O-RING
31	003-301748-	6	LOCKPIN,7/8 TUBE
32	888156-001	6	CLAMP,PRODUCT TUBE,OVATIO
33	-918210-	6	NUT 1/4-20 HXNTLKSTZN ELA
35	-126817-	12	WSHR .875X1.625X.062 FWST
36	005-129498-	12	LOCKNUT,CONDUIT

888419-006-A

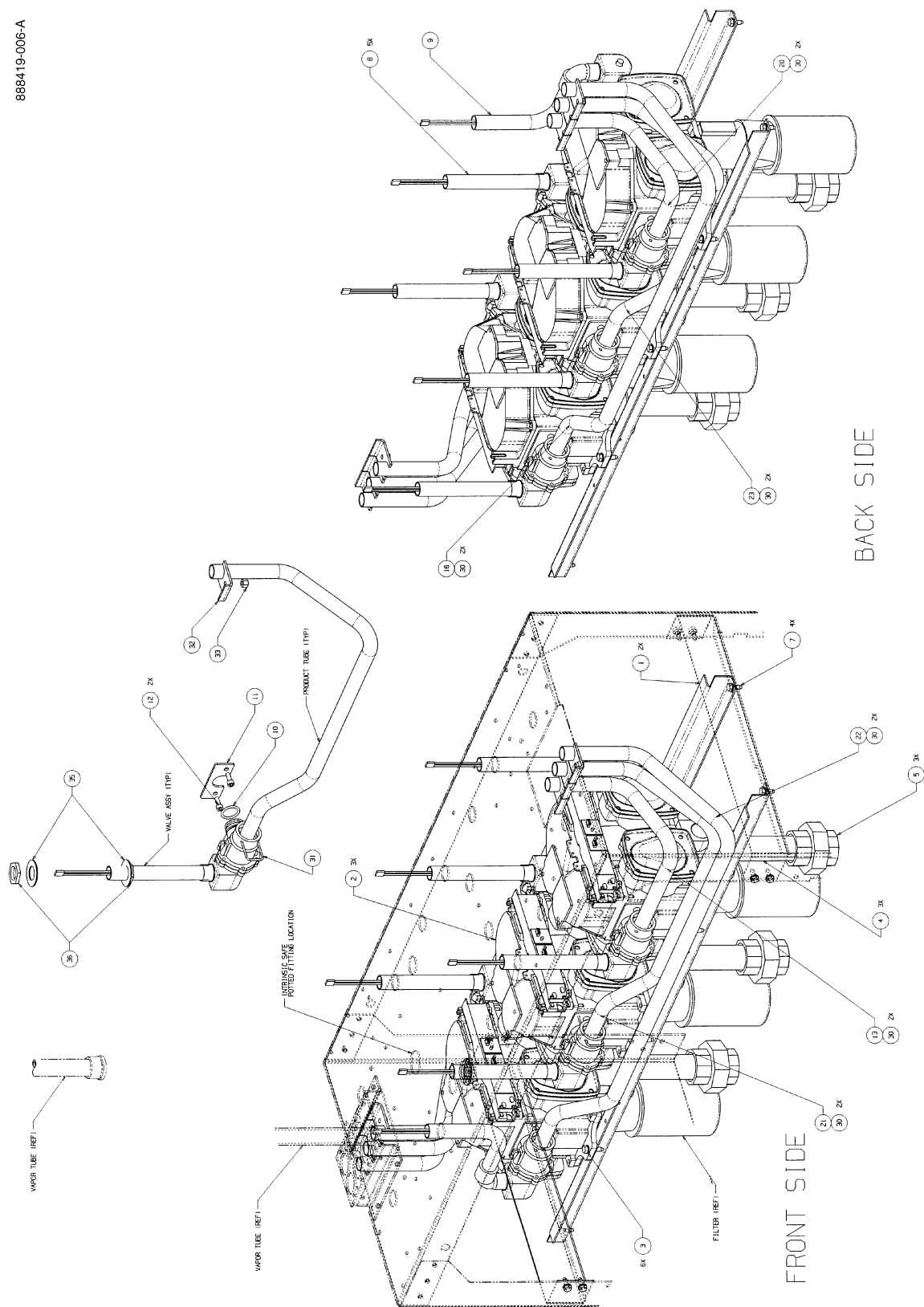


FIGURE 13. 888419-006 - HYDRAULICS MODULE, OVATION R13/322

TABLE 16. 888419-006 - HYDRAULIC MODULE, OVATION R13/322

Item No.	Part No.	Qty.	Description
	888419-006		HYDRAULIC ASSY,OVATION
DWG	888419-006		HYDRAULIC ASSY,OVATION
1	888171-001	2	PLATFORM,METERS,OVATION
2	001-047917-	3	GHM REMOTE W/SLEEVES
3	001-918513-	6	SCR,SHAKEPROOF,TAP/R THRE
4	005-127756-750	2	NIPPLE 1-1/2 NPT
5	-512101-	3	UNION 1-1/2 F.F.
7	-918513-	4	SCREW,SHAKEPROOF TAP/R TH
8	888425-001	5	VALVE CONDUIT,OVATION
9	888425-002	1	VALVE CONDUIT,OVATION
10	-905817-	6	ORING
11	001-202046-	6	CLAMP,SKINNER VALVE
12	001-921053-	12	SHCS M6 X 1 X 16MM
13	888182-001	1	TUBE,OVATION
16	888185-001	1	TUBE,OVATION
20	888309-001	1	TUBE,OVATION
21	888310-001	1	TUBE,OVATION
22	888311-001	1	TUBE,OVATION
23	888312-001	1	TUBE,OVATION
30	001-921130-	13	O-RING
31	003-301748-	6	LOCKPIN,7/8 TUBE
32	888156-001	6	CLAMP,PRODUCT TUBE,OVATIO
33	-918210-	6	NUT 1/4-20 HXNTLKSTZN ELA
35	-126817-	12	WSHR .875X1.625X.062 FWST
36	005-129498-	12	LOCKNUT,CONDUIT

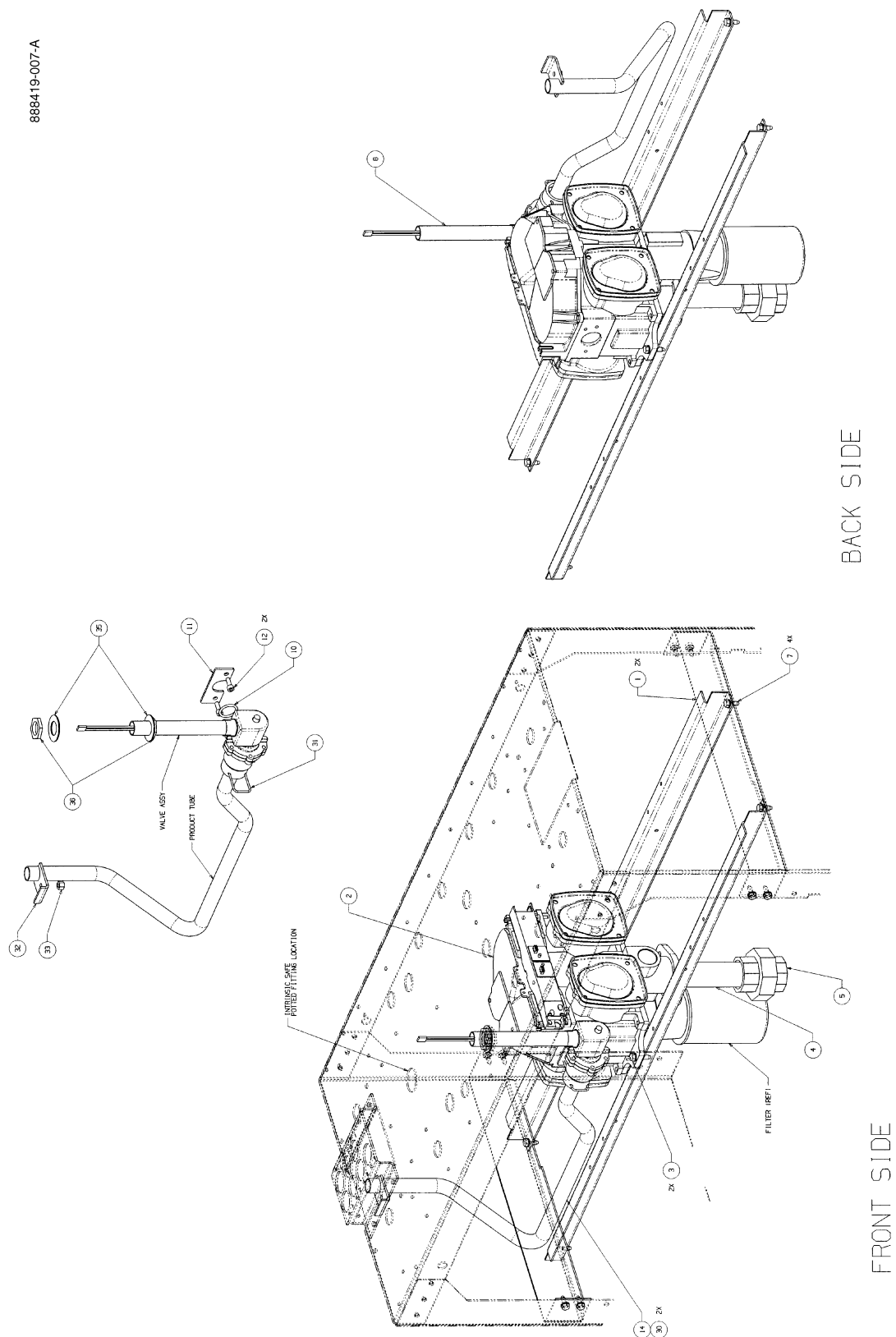


FIGURE 14. 888419-007 - HYDRAULIC MODULE, OVATION R11/112/X

TABLE 17. 888419-007 - HYDRAULIC MODULE, OVATION R11/112/X

Item No.	Part No.	Qty.	Description
	888419-007		HYDR ASSY,OVATN,R11/112/X
DWG	888419-007		HYDR ASSY,OVATN,R11/112/X
1	888171-001	2	PLATFORM,METERS,OVATION
2	001-048036-	1	IMETER,SINGLE SIDED
3	001-918513-	2	SCR,SHAKEPROOF,TAP/R THRE
4	005-127756-750	1	NIPPLE 1-1/2 NPT
5	-512101-	1	UNION 1-1/2 F.F.
7	-918513-	4	SCREW,SHAKEPROOF TAP/R TH
8	888425-001	1	VALVE CONDUIT,OVATION
10	-905817-	1	ORING
11	001-202046-	1	CLAMP,SKINNER VALVE
12	001-921053-	2	SHCS M6 X 1 X 16MM
14	888183-001	1	TUBE,OVATION
30	001-921130-	2	O-RING
31	003-301748-	1	LOCKPIN,7/8 TUBE
32	888156-001	1	CLAMP,PRODUCT TUBE,OVATIO
33	-918210-	1	NUT 1/4-20 HXNTLKSTZN ELA
35	-126817-	2	WSHR .875X1.625X.062 FWST
36	005-129498-	2	LOCKNUT,CONDUIT

888419-008-A

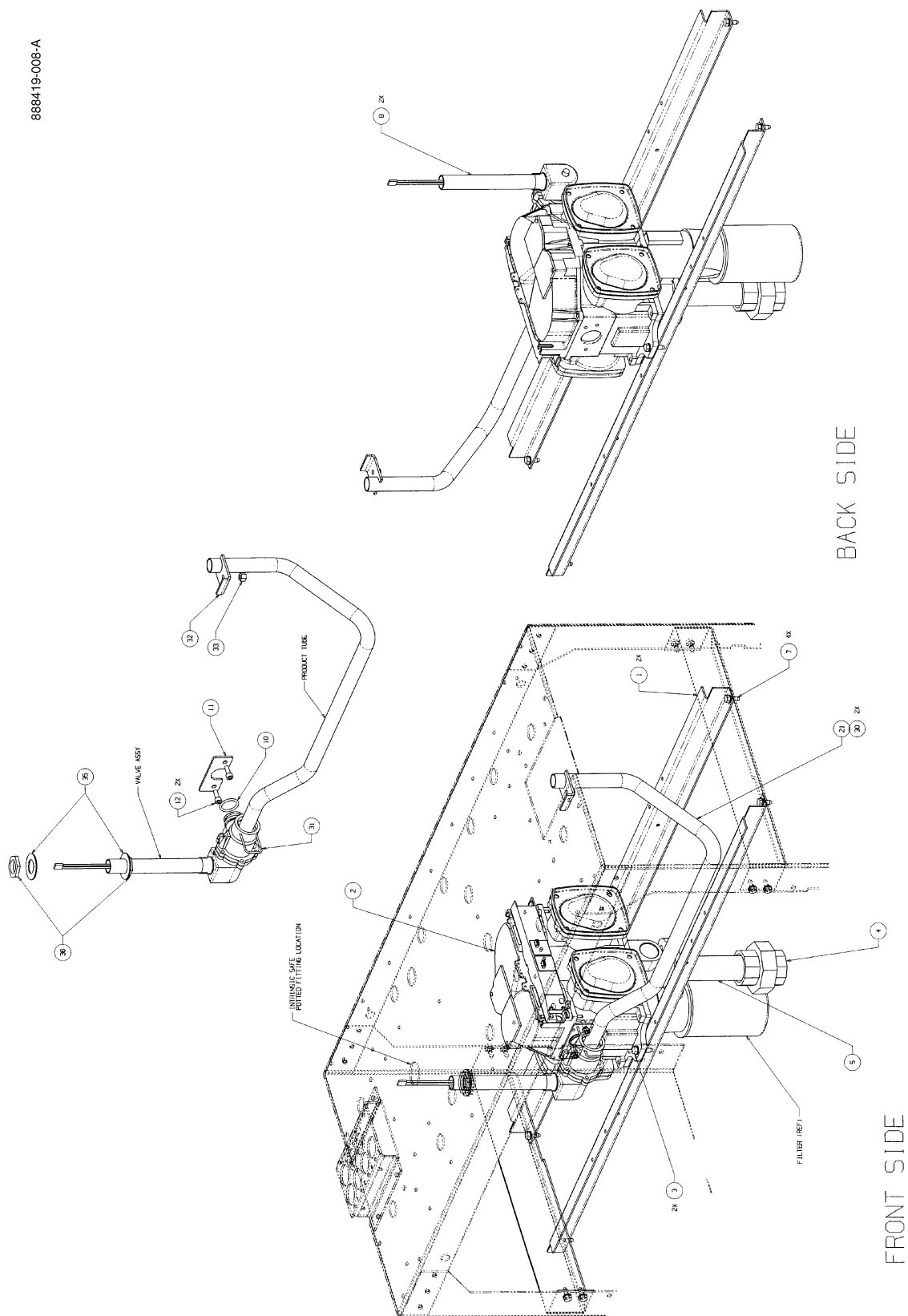


FIGURE 15. 888419-008 - HYDRAULIC MODULE, OVATION R11/112

TABLE 18. 888419-008 - HYDRAULIC MODULE, OVATION R11/112

Item No.	Part No.	Qty.	Description
	888419-008		HYDR ASSY,OVATION,R11/112
DWG	888419-008		HYDR ASSY,OVATION,R11/112
1	888171-001	2	PLATFORM,METERS,OVATION
2	001-048036-	1	IMETER,SINGLE SIDED
3	001-918513-	2	SCR,SHAKEPROOF,TAP/R THRE
4	005-127756-750	1	NIPPLE 1-1/2 NPT
5	-512101-	1	UNION 1-1/2 F.F.
7	-918513-	4	SCREW,SHAKEPROOF TAP/R TH
8	888425-001	1	VALVE CONDUIT,OVATION
10	-905817-	1	ORING
11	001-202046-	1	CLAMP,SKINNER VALVE
12	001-921053-	2	SHCS M6 X 1 X 16MM
21	888310-001	1	TUBE,OVATION
30	001-921130-	2	O-RING
31	003-301748-	1	LOCKPIN,7/8 TUBE
32	888156-001	1	CLAMP,PRODUCT TUBE,OVATIO
33	-918210-	1	NUT 1/4-20 HXNTLKSTZN ELA
35	-126817-	2	WSHR .875X1.625X.062 FWST
36	005-129498-	2	LOCKNUT,CONDUIT

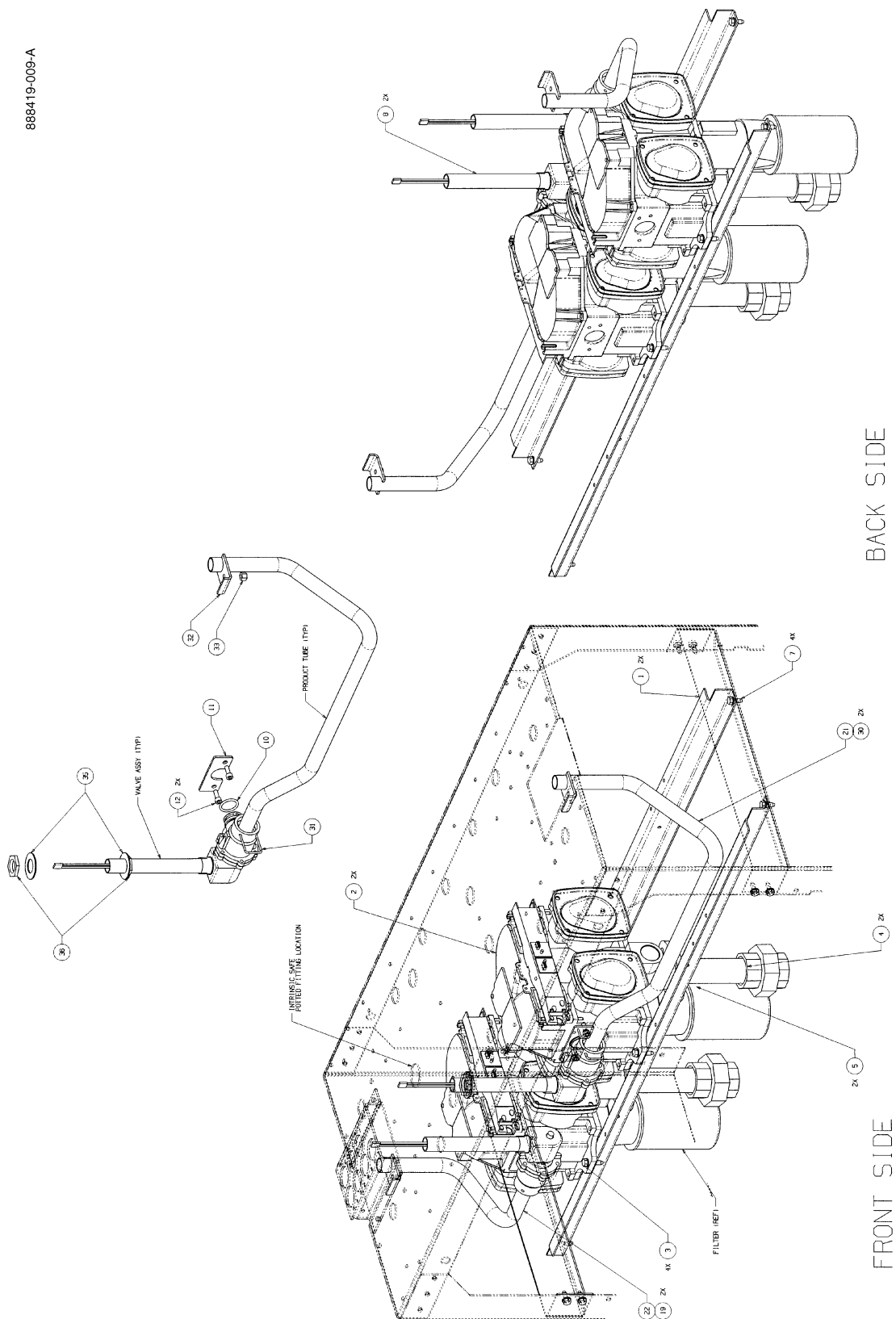


FIGURE 16. 888419-009 - HYDRAULIC MODULE, OVATION R22/212

TABLE 19. 888419-009 - HYDRAULIC MODULE, OVATION R22/212

Item No.	Part No.	Qty.	Description
	888419-009		HYDR ASSY,OVATION,R22/212
DWG	888419-009		HYDR ASSY,OVATION,R22/212
1	888171-001	2	PLATFORM,METERS,OVATION
2	001-048036-	2	IMETER,SINGLE SIDED
3	001-918513-	4	SCR,SHAKEPROOF,TAP/R THRE
4	005-127756-750	2	NIPPLE 1-1/2 NPT
5	-512101-	2	UNION 1-1/2 F.F.
7	-918513-	4	SCREW,SHAKEPROOF TAP/R TH
8	888425-001	2	VALVE CONDUIT,OVATION
10	-905817-	2	ORING
11	001-202046-	2	CLAMP,SKINNER VALVE
12	001-921053-	4	SHCS M6 X 1 X 16MM
15	888184-001	1	TUBE,OVATION
21	888310-001	1	TUBE,OVATION
30	001-921130-	4	O-RING
31	003-301748-	2	LOCKPIN,7/8 TUBE
32	888156-001	2	CLAMP,PRODUCT TUBE,OVATIO
33	-918210-	2	NUT 1/4-20 HXNTLKSTZN ELA
35	-126817-	4	WSHR .875X1.625X.062 FWST
36	005-129498-	4	LOCKNUT,CONDUIT

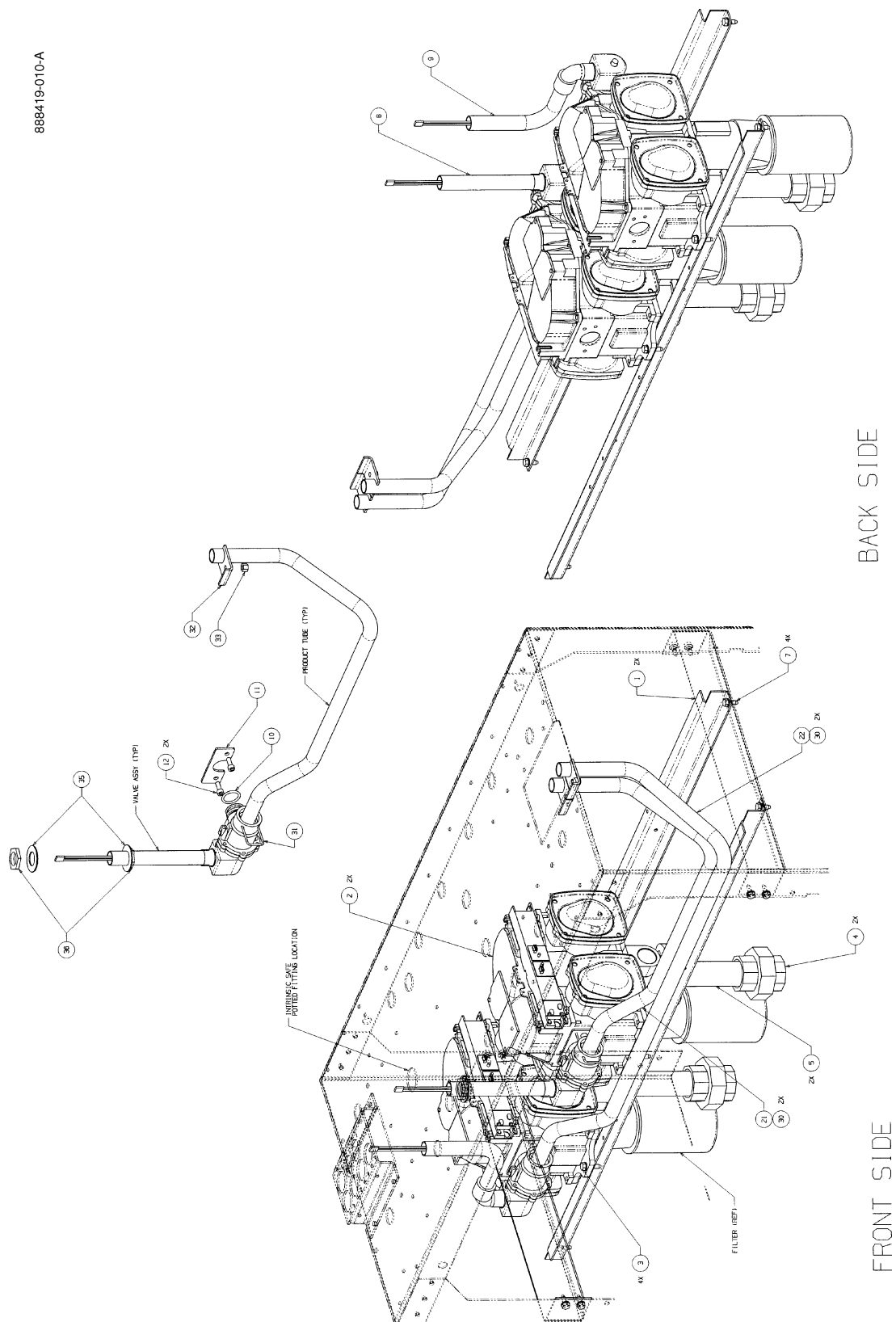


FIGURE 17. 888419-010 - HYDRAULIC MODULE, OVATION R12/212

TABLE 20. 888419-010 - HYDRAULIC MOUDLE, OVATION R12 & B12

Item No.	Part No.	Qty.	Description
	888419-010		HYDR ASSY,OVATN,R12/212,,
DWG	888419-010		HYDR ASSY,OVATN,R12/212,
1	888171-001	2	PLATFORM,METERS,OVATION
2	001-048036-	2	IMETER,SINGLE SIDED
3	001-918513-	4	SCR,SHAKEPROOF,TAP/R THRE
4	005-127756-750	2	NIPPLE 1-1/2 NPT
5	-512101-	2	UNION 1-1/2 F.F.
7	-918513-	6	SCREW,SHAKEPROOF TAP/R TH
8	888425-001	1	VALVE CONDUIT,OVATION
9	888425-002	1	VALVE CONDUIT,OVATION
10	-905817-	2	ORING
11	001-202046-	2	CLAMP,SKINNER VALVE
12	001-921053-	4	SHCS M6 X 1 X 16MM
21	888310-001	1	TUBE,OVATION
22	888311-001	1	TUBE,OVATION
30	001-921130-	4	O-RING
31	003-301748-	2	LOCKPIN,7/8 TUBE
32	888156-001	2	CLAMP,PRODUCT TUBE,OVATIO
33	-918210-	2	NUT 1/4-20 HXNTLKSTZN ELA
35	-126817-	4	WSHR .875X1.625X.062 FWST
36	005-129498-	4	LOCKNUT,CONDUIT

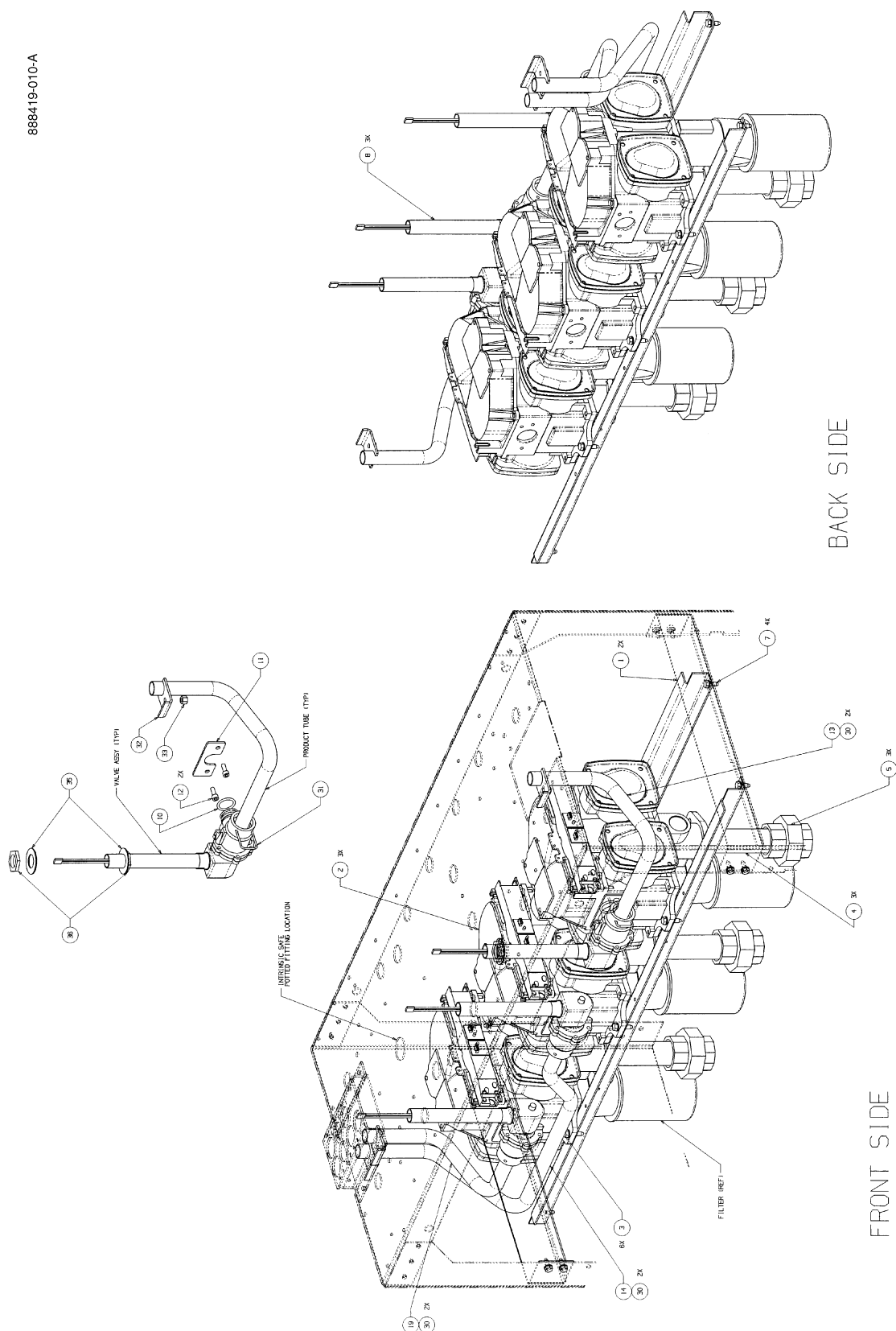


FIGURE 18. 888419-011 - HYDRAULIC MODULE, OVATION R23/312

TABLE 21. 888419-011 - HYDRAULIC MODULE, OVATION R23/312

Item No.	Part No.	Qty.	Description
	888419-011		HYDR ASSY,OVATION,R23/312
DWG	888419-011		HYDR ASSY,OVATION,R23/312
1	888171-001	2	PLATFORM,METERS,OVATION
2	001-048036-	3	IMETER,SINGLE SIDED
3	001-918513-	6	SCR,SHAKEPROOF,TAP/R THRE
4	005-127756-750	3	NIPPLE 1-1/2 NPT
5	-512101-	3	UNION 1-1/2 F.F.
7	-918513-	4	SCREW,SHAKEPROOF TAP/R TH
8	888425-001	3	VALVE CONDUIT,OVATION
10	-905817-	3	ORING
11	001-202046-	3	CLAMP,SKINNER VALVE
12	001-921053-	6	SHCS M6 X 1 X 16MM
13	888182-001	1	TUBE,OVATION
14	888183-001	1	TUBE,OVATION
19	888184-001	1	TUBE,OVATION
30	001-921130-	6	O-RING
31	003-301748-	3	LOCKPIN,7/8 TUBE
32	888156-001	3	CLAMP,PRODUCT TUBE,OVATIO
33	-918210-	3	NUT 1/4-20 HXNTLKSTZN ELA
35	-126817-	6	WSHR .875X1.625X.062 FWST
36	005-129498-	6	LOCKNUT,CONDUIT

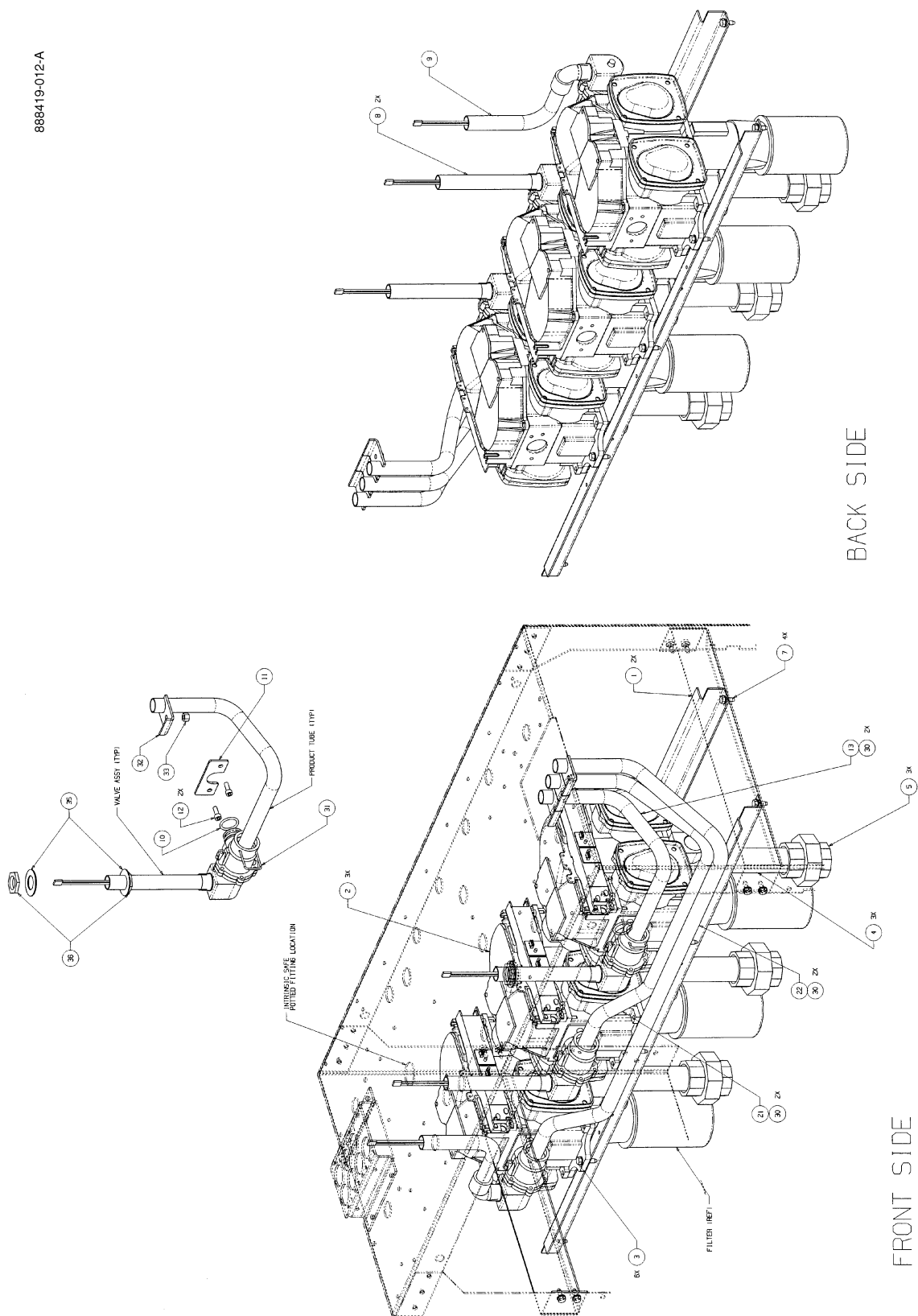


FIGURE 19. 888419-012 - HYDRAULIC MODULE, OVATION R13/322

TABLE 22. 888419-012 - HYDRAULIC MODULE, OVATION R13/322

Item No.	Part No.	Qty.	Description
	888419-012		HYDR ASSY,OVATION,R13/322
DWG	888419-012		HYDR ASSY,OVATION,R13/322
1	888171-001	2	PLATFORM,METERS,OVATION
2	001-048036-	3	IMETER,SINGLE SIDED
3	001-918513-	6	SCR,SHAKEPROOF,TAP/R THRE
4	005-127756-750	3	NIPPLE 1-1/2 NPT
5	-512101-	3	UNION 1-1/2 F.F.
7	-918513-	4	SCREW,SHAKEPROOF TAP/R TH
8	888425-001	2	VALVE CONDUIT,OVATION
9	888425-002	1	VALVE CONDUIT,OVATION
11	001-202046-	3	CLAMP,SKINNER VALVE
12	001-921053-	6	SHCS M6 X 1 X 16MM
13	888182-001	1	TUBE,OVATION
21	888310-001	1	TUBE,OVATION
22	888311-001	1	TUBE,OVATION
30	001-921130-	6	O-RING
31	003-301748-	3	LOCKPIN,7/8 TUBE
32	888156-001	3	CLAMP,PRODUCT TUBE,OVATIO
33	-918210-	3	NUT 1/4-20 HXNTLKSTZN ELA
35	-126817-	6	WSHR .875X1.625X.062 FWST
36	005-129498-	6	LOCKNUT,CONDUIT
40	-905817-	3	ORING

888419-013-A

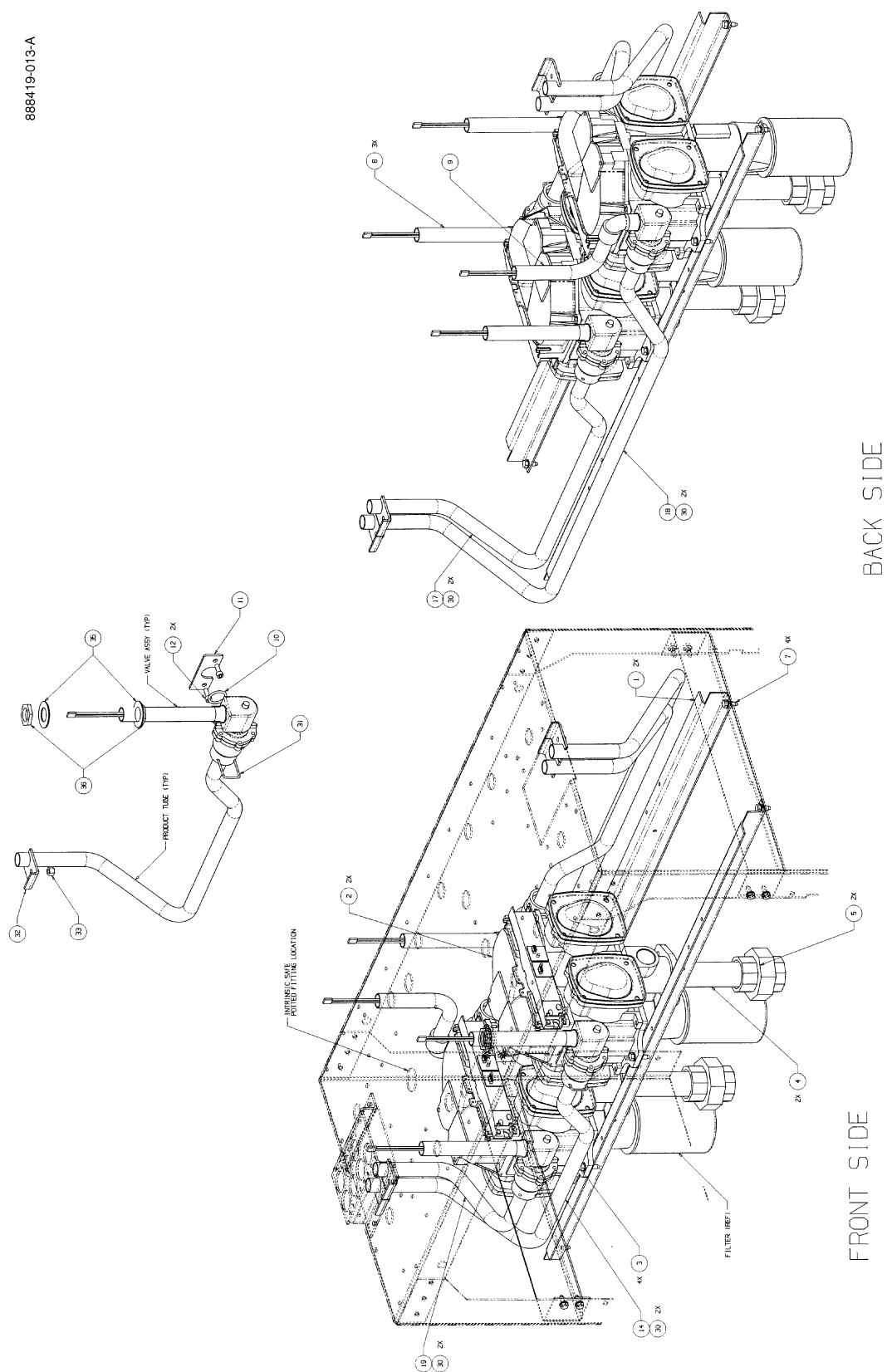


FIGURE 20. 888419-013 - HYDRAULIC MODULE, OVATION B12/311/X

TABLE 23. 888419-013 - HYDRAULIC MODULE, OVATION B12/311/X

Item No.	Part No.	Qty.	Description
	888419-013		HYDR ASSY,OVATN,B12/311/X
DWG	888419-013		HYDR ASSY,OVATN,B12/311/X
1	888171-001	2	PLATFORM,METERS,OVATION
2	001-047917-	2	GHM REMOTE W/SLEEVES
3	001-918513-	4	SCR,SHAKEPROOF,TAP/R THRE
4	005-127756-750	2	NIPPLE 1-1/2 NPT
5	-512101-	2	UNION 1-1/2 F.F.
7	-918513-	4	SCREW,SHAKEPROOF TAP/R TH
8	888425-001	3	VALVE CONDUIT,OVATION
9	888425-002	1	VALVE CONDUIT,OVATION
10	-905817-	4	ORING
11	001-202046-	4	CLAMP,SKINNER VALVE
12	001-921053-	8	SHCS M6 X 1 X 16MM
14	888183-001	1	TUBE,OVATION
15	888184-001	1	TUBE,OVATION
17	888186-001	1	TUBE,OVATION
18	888187-001	1	TUBE,OVATION
30	001-921130-	8	O-RING
31	003-301748-	4	LOCKPIN,7/8 TUBE
32	888156-001	4	CLAMP,PRODUCT TUBE,OVATIO
33	-918210-	4	NUT 1/4-20 HXNTLKSTZN ELA
35	-126817-	8	WSHR .875X1.625X.062 FWST
36	005-129498-	8	LOCKNUT,CONDUIT

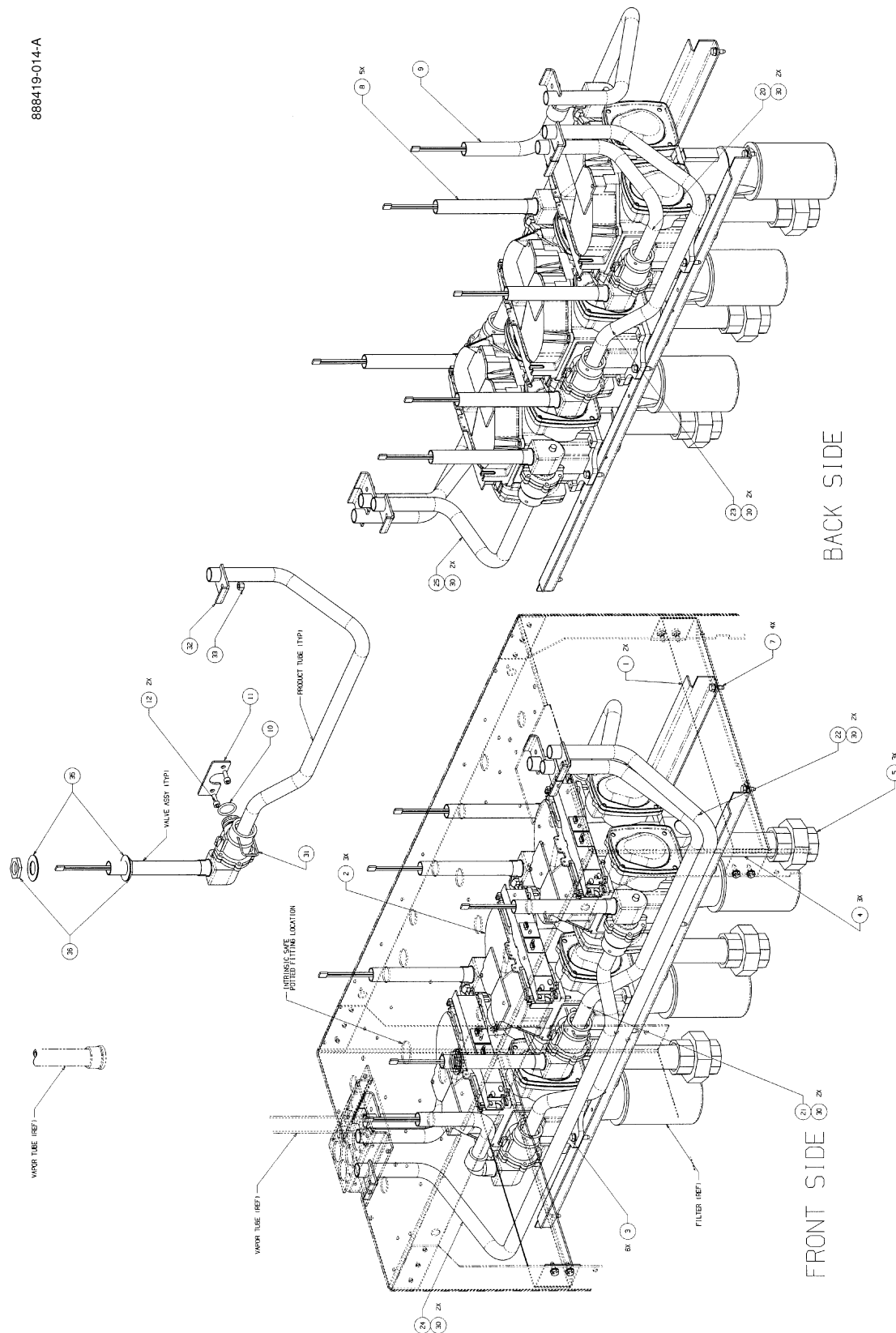


FIGURE 21. 888419-014 - HYDRAULIC MOUDLE, OVATION R23

TABLE 24. 888419-014 - HYDRAULIC MODULE, OVATION R23

Item No.	Part No.	Qty.	Description
	888419-014		HDRAULIC ASSY,OVATION
DWG	888419-014		HDRAULIC ASSY,OVATION
1	888171-001	2	PLATFORM,METERS,OVATION
2	001-047917-	3	GHM REMOTE W/SLEEVES
3	001-918513-	6	SCR,SHAKEPROOF,TAP/R THRE
4	005-127756-750	2	NIPPLE 1-1/2 NPT
5	-512101-	3	UNION 1-1/2 F.F.
7	-918513-	4	SCREW,SHAKEPROOF TAP/R TH
8	888425-001	5	VALVE CONDUIT,OVATION
9	888425-002	1	VALVE CONDUIT,OVATION
10	-905817-	6	ORING
11	001-202046-	6	CLAMP,SKINNER VALVE
12	001-921053-	12	SHCS M6 X 1 X 16MM
20	888309-001	1	TUBE,OVATION
21	888310-001	1	TUBE,OVATION
22	888311-001	1	TUBE,OVATION
23	888312-001	1	TUBE,OVATION
24	888314-001	1	TUBE,OVATION
25	888315-001	1	TUBE,OVATION
30	001-921130-	13	O-RING
31	003-301748-	6	LOCKPIN,7/8 TUBE
32	888156-001	6	CLAMP,PRODUCT TUBE,OVATIO
33	-918210-	6	NUT 1/4-20 HXNTLKSTZN ELA
35	-126817-	12	WSHR .875X1.625X.062 FWST
36	005-129498-	12	LOCKNUT,CONDUIT

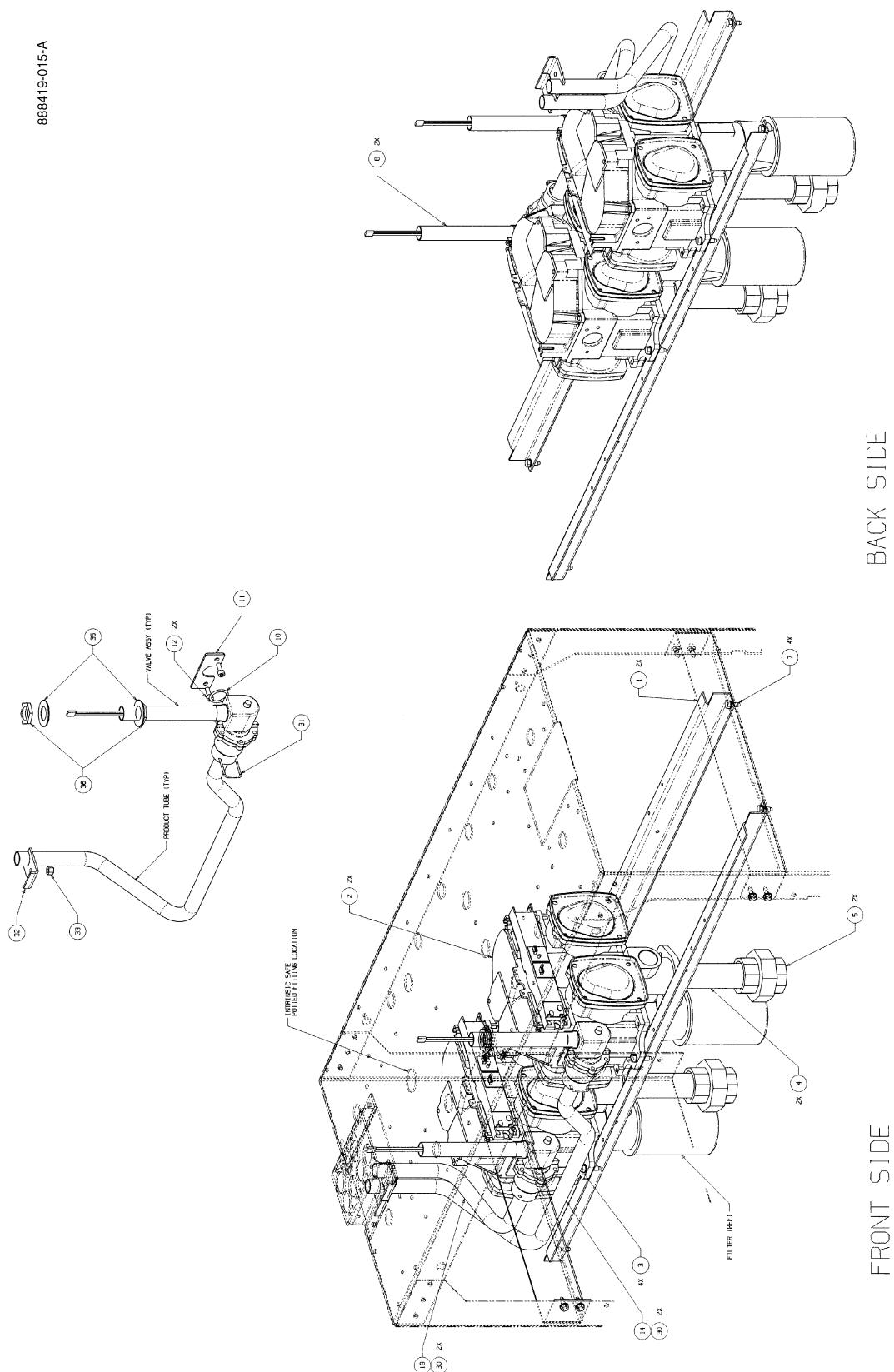


FIGURE 22. 888419-015 - HYDRAULIC MODULE, OVATION B12/312/X

TABLE 25. 888419-015 - HYDRAULIC MODULE, OVATION B12/312/X

Item No.	Part No.	Qty.	Description
	888419-015		HYD ASSY,OVATN,B12/312/X,
DWG	888419-015		HYD ASSY,OVATN,B12/312/X,
1	888171-001	2	PLATFORM,METERS,OVATION
2	001-048036-	2	IMETER,SINGLE SIDED
3	001-918513-	4	SCR,SHAKEPROOF,TAP/R THRE
4	005-127756-750	2	NIPPLE 1-1/2 NPT
5	-512101-	2	UNION 1-1/2 F.F.
7	-918513-	4	SCREW,SHAKEPROOF TAP/R TH
8	888425-001	2	VALVE CONDUIT,OVATION
10	-905817-	2	ORING
11	001-202046-	2	CLAMP,SKINNER VALVE
12	001-921053-	4	SHCS M6 X 1 X 16MM
14	888183-001	1	TUBE,OVATION
15	888184-001	1	TUBE,OVATION
30	001-921130-	4	O-RING
31	003-301748-	2	LOCKPIN,7/8 TUBE
32	888156-001	2	CLAMP,PRODUCT TUBE,OVATIO
33	-918210-	2	NUT 1/4-20 HXNTLKSTZN ELA
35	-126817-	4	WSHR .875X1.625X.062 FWST
36	005-129498-	4	LOCKNUT,CONDUIT

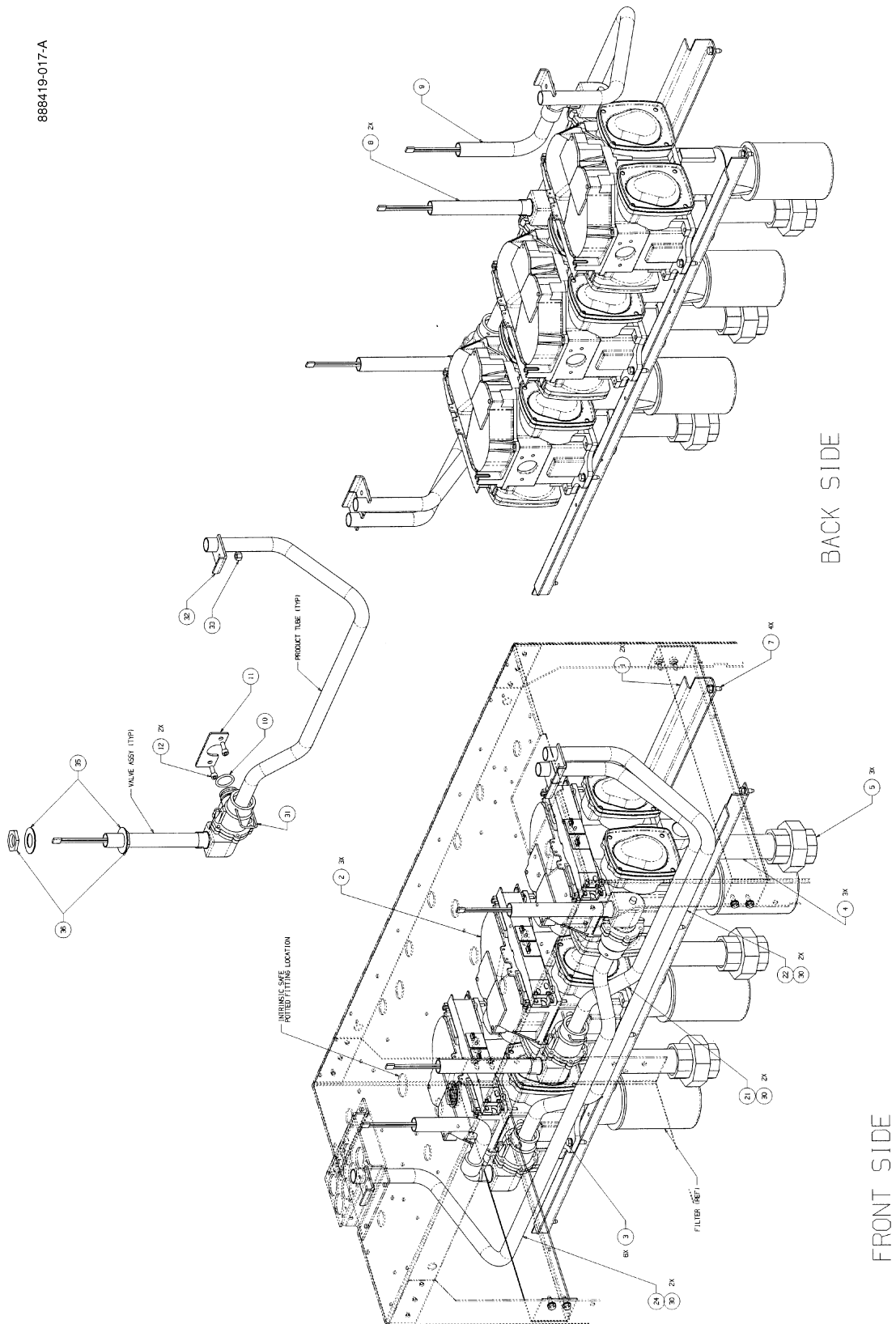


FIGURE 23. 888419-017 - HYDRAULICS MODULE, OVATION B23

TABLE 26. 888419-017 - HYDRAULIC MODULE, OVATION B32/312

Item No.	Part No.	Qty.	Description
	888419-017		HYDR ASSY,OVATN,B23/312,,
DWG	888419-017		HYDR ASSY,OVATN,B23/312,,
1	888171-001	2	PLATFORM,METERS,OVATION
2	001-048036-	3	IMETER,SINGLE SIDED
3	001-918513-	6	SCR,SHAKEPROOF,TAP/R THRE
4	005-127756-750	3	NIPPLE 1-1/2 NPT
5	-512101-	3	UNION 1-1/2 F.F.
7	-918513-	4	SCREW,SHAKEPROOF TAP/R TH
8	888425-001	2	VALVE CONDUIT,OVATION
9	888425-002	1	VALVE CONDUIT,OVATION
10	-905817-	3	ORING
11	001-202046-	3	CLAMP,SKINNER VALVE
12	001-921053-	6	SHCS M6 X 1 X 16MM
21	888310-001	1	TUBE,OVATION
22	888311-001	1	TUBE,OVATION
24	888314-001	1	TUBE,OVATION
30	001-921130-	6	O-RING
31	003-301748-	3	LOCKPIN,7/8 TUBE
32	888156-001	3	CLAMP,PRODUCT TUBE,OVATIO
33	-918210-	3	NUT 1/4-20 HXNTLKSTZN ELA
35	-126817-	6	WSHR .875X1.625X.062 FWST
36	005-129498-	6	LOCKNUT,CONDUIT

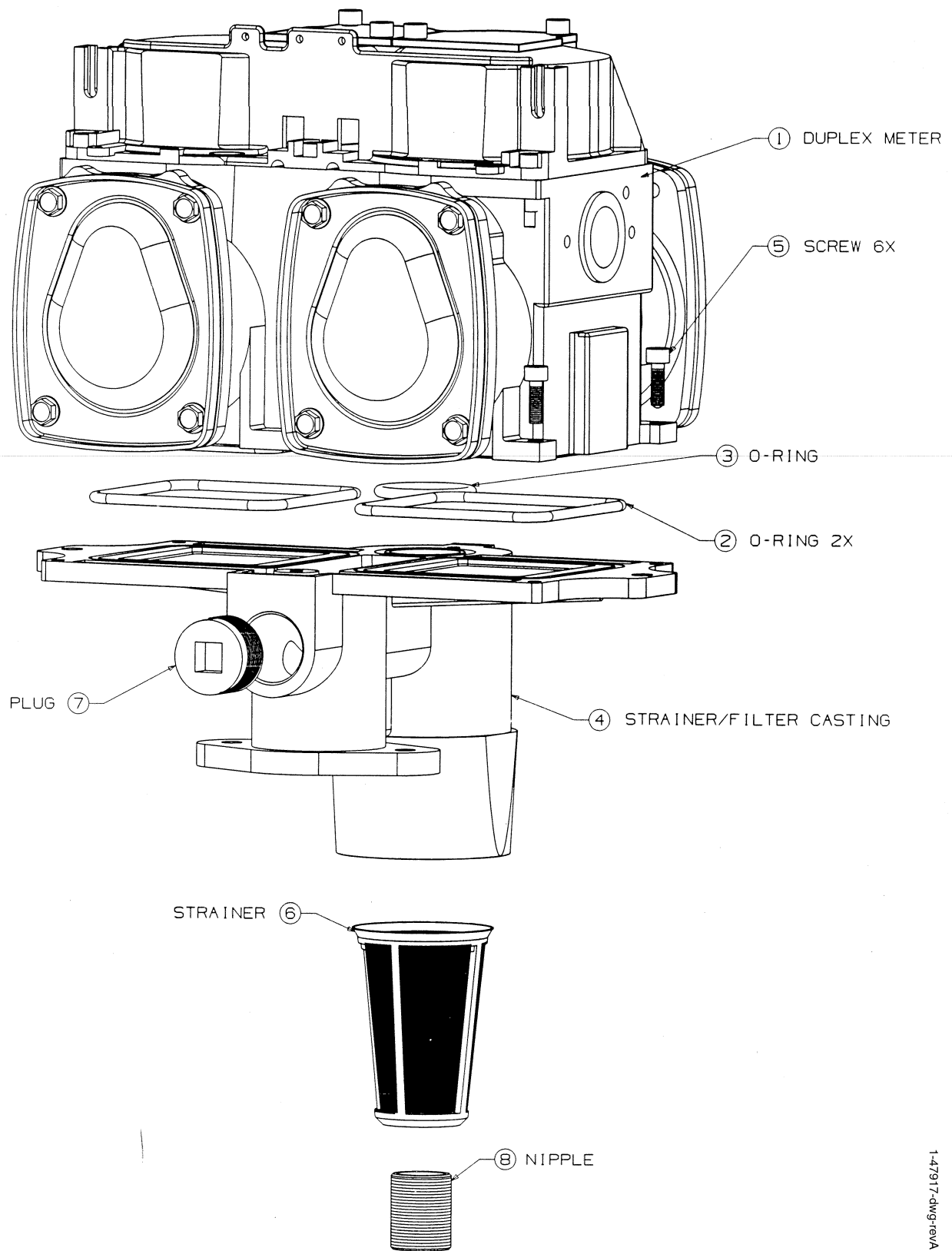


FIGURE 24. 1-47917-DWG - IMETER MODULE

1-47917-dwg-revA

TABLE 27. 1-47917 - IMETER MODULE

Item No.	Part No.	Qty.	Description
	001-047917-		GHM REMOTE W/SLEEVES
DWG	001-047917-DWG		GHM REMOTE W/SLEEVES
1	011-047927-	1	METER,IMETER/PULSER ASSY (SEE MANUAL PART NO. 920467)
2	888612-001	2	O-RING,4.055 ID X .118
3	888616-001	1	O-RING,1.386 ID X .118
4	002-047855-	1	CASTING,FILTER STRAINER
5	001-921053-	6	SHCS M6 X 1 X 16MM
6	001-300967-	1	STRAINER
7	002-509655-	1	PLUG,1" NPT CT-SK HD W/VI
8	-126042-	1	NIPPLE
9	-918164-		LOCTITE SEALANT #271

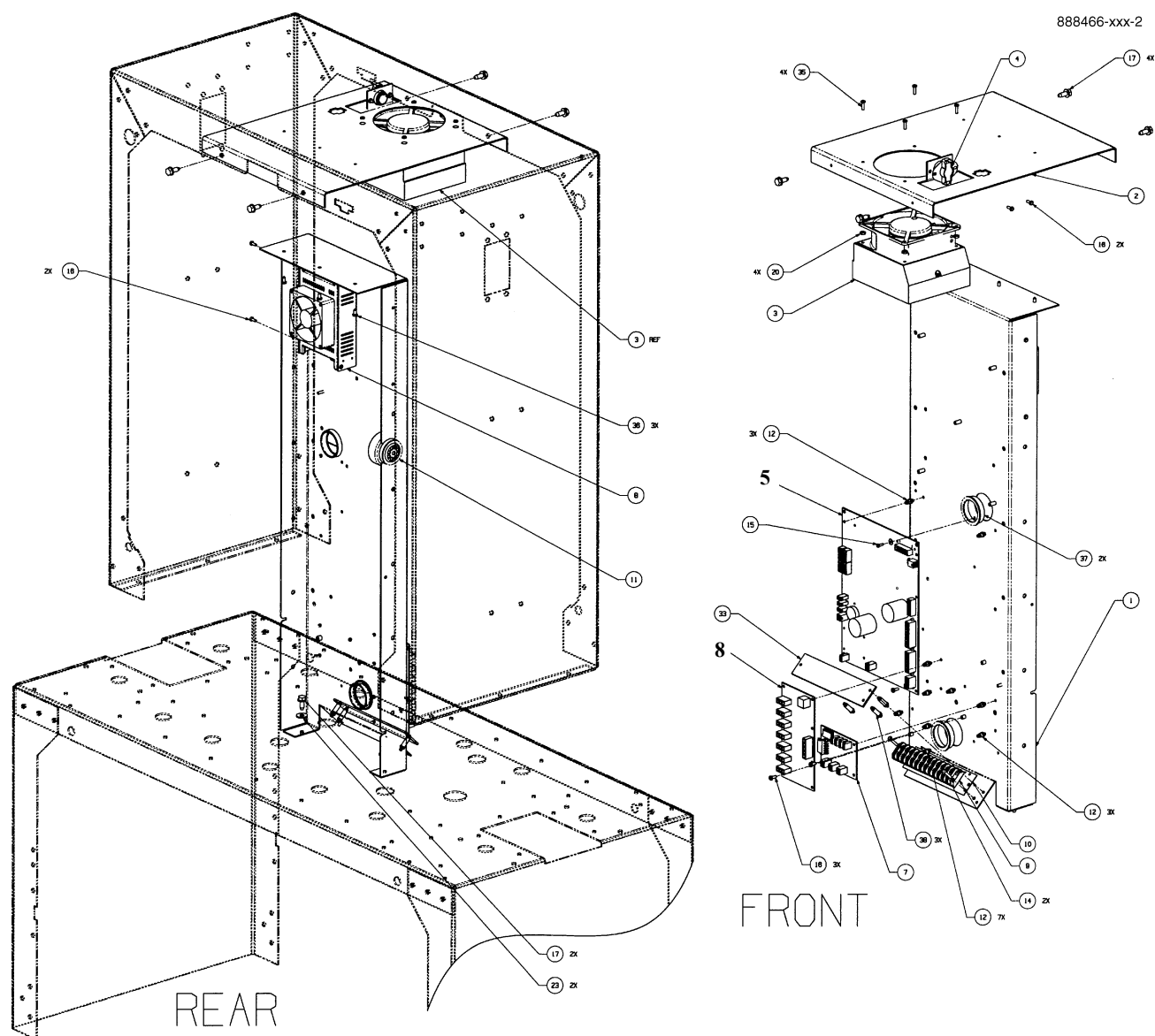


FIGURE 25. 888466-XXX - ELECTRONIC HEAD MODULE, OVATION QVGA

TABLE 28. 888466-001 - ELECTRONIC HEAD ASSY, OVATION QVGA

Item No.	Part No.	Qty.	Description
	888466-001		OVATION ELEC ASSY,QCAT
DWG	888466-XXX		OVATION ELECTRONICS ASSY
1	888334-001	1	BRACKET,PCB MOUNT,OVATION
2	888338-001	1	BRACKET,FAN SUPPORT,OVATI
3	882758-001	1	CER HTR/FAN 100-120VAC U. HEATER /FAN ASSY
4	3608202	1	THERM-CUTOFF ON +10 FALL/
5	168861	1	PCB ASSY V01 IGEM CPU US IGEM COMPUTER
6	887225-001	1	PCB ASSY,IGEM PUMP RELAY AC RELAY BD
7	887223-001	1	PCB ASSY,IGEM 24VOLT PWR DC DIST BD
8	887334-002	1	PWR SUPPLY,24V 0.13-6.25A 24V POWER SUPPLY
9	-916574-	1	TERMINAL STRIP
10	-916576-	1	TERMINAL MARKER STRIP
11	886495-002	1	SUBASSY,ANNUNCIATOR,16 G
12	882505-002	13	STNDOFF,SUPPORT POST,NYLO
14	6005903	2	SCR 6-32X3/4 PHESPHSTPL
15	6005907	1	SCR 4-40X3/8 PHESPHSTPL
16	6005901	7	SCR 6-32X3/8 PHESPHSTPL
17	-918513-	6	SCREW,SHAKEPROOF TAP/R TH
20	6019401	4	NUT 6-32 KPNTSPSTZN
23	888413-001	2	WSHR,ALUM .266X.687X.064
24	887000-001	1	CABLE ASSY,HTR/FAN TO AC
25	887336-002	1	CABLE ASSY,COMP TO PWR DI
26	887338-003	1	CABLE ASSY,IGEM PWR,DIST
27	887340-001	1	CABLE ASSY,AC/RELAY TO CO
28	887343-003	1	CABLE ASSY,IGEM AC PWR,PS
29	888435-001	1	CABLE ASSY,OVATION,PUMP R
30	888438-001	1	CABLE ASSY,OVATION,VAC PW
31	888439-001	1	CABLE ASSY,OVATION,PUMP C
32	888565-001	1	CABLE ASSY,CERAMIC HTR/FA
33	888344-001	1	COVER,TERM BLOCK,OVATION
35	6005902	4	SCR 6-32X1/2 PHESPHSTPL
36	6032301	3	SCR 8X3/8 PH-BPHSTZN
37	886922-002	2	GROMMET,1.75 HOLE
38	882505-007	3	STANDOFF,SP .156,.75 LG

TABLE 29. 888466-002 - ELECTRONIC HEAD ASSY, OVATION 10.4 VGA

Item No.	Part No.	Qty.	Description
	888466-002		OVATION ELEC ASSY,10.4 VG
DWG	888466-XXX		OVATION ELECTRONICS ASSY
1	888334-001	1	BRACKET,PCB MOUNT,OVATION
2	888338-001	1	BRACKET,FAN SUPPORT,OVATI
3	882758-001	1	CER HTR/FAN 100-120VAC U. HEATER/FAN ASSY
4	3608202	1	THERM-CUTOFF ON +10 FALL/
5	168861	1	PCB ASSY V01 IGEM CPU US IGEM COMPUTER
6	887225-001	1	PCB ASSY,IGEM PUMP RELAY AC RELAY BD
7	887223-001	1	PCB ASSY,IGEM 24VOLT PWR DC DIST BD
8	887334-002	1	PWR SUPPLY,24V 0.13-6.25A 24V POWER SUPPLY
9	-916574-	1	TERMINAL STRIP
10	-916576-	1	TERMINAL MARKER STRIP
11	886495-002	1	SUBASSY,ANNUNCIATOR,16 G
12	882505-002	13	STNDOFF,SUPPORT POST,NYLO
13	6005910	2	SCR 6-32X1/4 PHESPHSTPL
14	6005903	2	SCR 6-32X3/4 PHESPHSTPL
15	6005907	1	SCR 4-40X3/8 PHESPHSTPL
16	6005901	8	SCR 6-32X3/8 PHESPHSTPL
17	-918513-	5	SCREW,SHAKEPROOF TAP/R TH
20	6019401	7	NUT 6-32 KPNTSPSTZN
21	887713-001	1	DUAL VGA DISPENSER CPU ADS BD
22	887577-001	1	POWER SUPPLY,80 W,12V 12V DC SUPPLY VGA DISPLAY OPTION
23	888413-001	2	WSHR,ALUM .266X.687X.064
24	887000-001	1	CABLE ASSY,HTR/FAN TO AC
25	887336-002	1	CABLE ASSY,COMP TO PWR DI
26	887338-003	1	CABLE ASSY,IGEM PWR,DIST
27	887340-001	1	CABLE ASSY,AC/RELAY TO CO
28	887343-003	1	CABLE ASSY,IGEM AC PWR,PS
29	888435-001	1	CABLE ASSY,OVATION,PUMP R
30	888438-001	1	CABLE ASSY,OVATION,VAC PW
31	888439-001	1	CABLE ASSY,OVATION,PUMP C
32	887563-001	1	CABLE ASSY,DM POWER,24
33	888052-001	1	ETHERNET WIRE HARNESS
34	887591-001	1	CABLE ASSY,BACKLT AC PWR,



TABLE 30. 888491-001 - JUNCTION BOX MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888491-001		JUNCTION BOX MOD-OVATION
DWG	888491-XXX		JUNCTION BOX MOD-OVATION
1	010-047096-	1	JUNCTION BOX-OVATION
2	-039778-	1	JUNCT. BOX COVER DIE CAS.
3	888484-001	1	BRKT,UPPER OVATION J-BOX
4	888485-001	1	BRKT,LOWER OVATION J-BOX
6	888481-001	1	CONDUIT,J-BOX-OVATION
7	-129710-	2	COUPLING
8	003-126817-	4	WASHER-FLAT
9	004-301809-HRN	1	WIRING HARNESS,J-BOX,OVTN
11	003-916695-	14	H.H TAPTITE SCR. 1/4-20X1
12	-918513-	8	SCREW,SHAKEPROOF TAP/R TH
13	-509655-	3	PIPE PLUG SQ. HD. 1 - ZI
14	-508772-	3	PLUG M3/4 PIPE CONTSUNK
15	-508919-	2	1/2 CNTRSUNK PIPE PLUG,Z
16	-916574-	1	TERMINAL STRIP
17	-916576-	1	TERMINAL MARKER STRIP
18	-916956-	2	SCREW, SHWH #8-32 X 3/4
19	-916877-	1	CUP W#10-H TERMINAL
20	-916591-	1	SLWA S#10-32X3/8 GREEN

TABLE 31. 888491-002 - JUNCTION BOX MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888491-002		JUNCTION BOX MOD-OVATION
DWG	888491-XXX		JUNCTION BOX MOD-OVATION
1	010-047096-	1	JUNCTION BOX-OVATION
2	-039778-	1	JUNCT. BOX COVER DIE CAS.
3	888484-001	1	BRKT,UPPER OVATION J-BOX
4	888485-001	1	BRKT,LOWER OVATION J-BOX
5	888480-001	1	CONDUIT,J-BOX-OVATION
6	888481-001	1	CONDUIT,J-BOX-OVATION
7	-129710-	2	COUPLING
8	003-126817-	4	WASHER-FLAT
9	004-301809-HRN	1	WIRING HARNESS,J-BOX,OVTN
11	003-916695-	14	H.H TAPTITE SCR. 1/4-20X1
12	-918513-	8	SCREW,SHAKEPROOF TAP/R TH
13	-509655-	3	PIPE PLUG SQ. HD. 1 - ZI
14	-508772-	3	PLUG M3/4 PIPE CONTSUNK
15	-508919-	2	1/2 CNTRSUNK PIPE PLUG,Z
16	-916574-	1	TERMINAL STRIP
17	-916576-	1	TERMINAL MARKER STRIP
18	-916956-	2	SCREW, SHWH #8-32 X 3/4
19	-916877-	1	CUP W#10-H TERMINAL
20	-916591-	1	SLWA S#10-32X3/8 GREEN

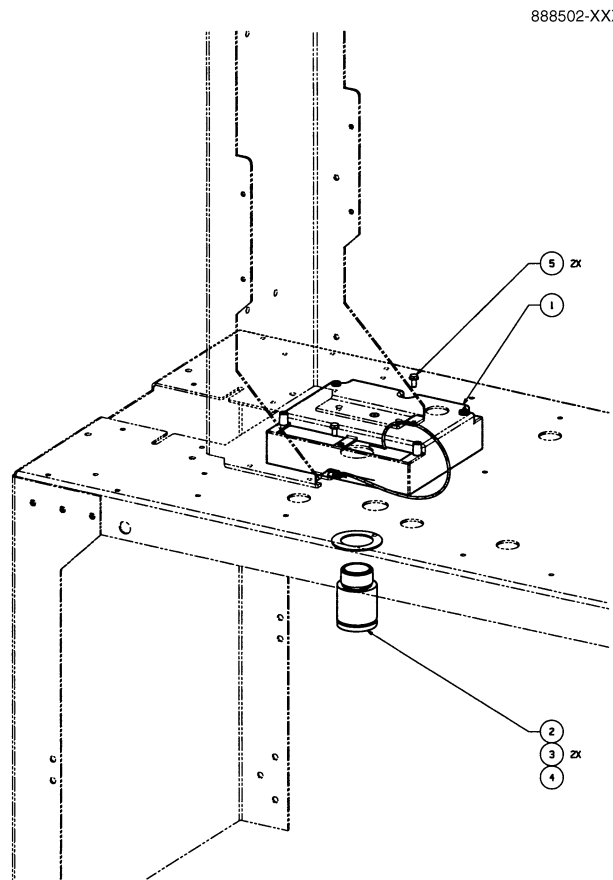


FIGURE 27. 888502-XXX - ELECTRICAL ISB MODULE

TABLE 32. 888502-002 - ELECTRICAL ISB MODULE

Item No.	Part No.	Qty.	Description
	888502-002		ELECTRICAL MODULE
DWG	888502-XXX		ELECTRICAL MODULE
1	005-300825-	1	ISB,ASSY IGEM
2	019-301176-HRN	1	WIRING HARNESS,PULSER,OVA
3	005-126817-	2	WASHER,FLAT
4	004-129498-	1	LOCKNUT,CONDUIT
5	-512795-	2	SCR 10X3/8 HH-BSLSTZN

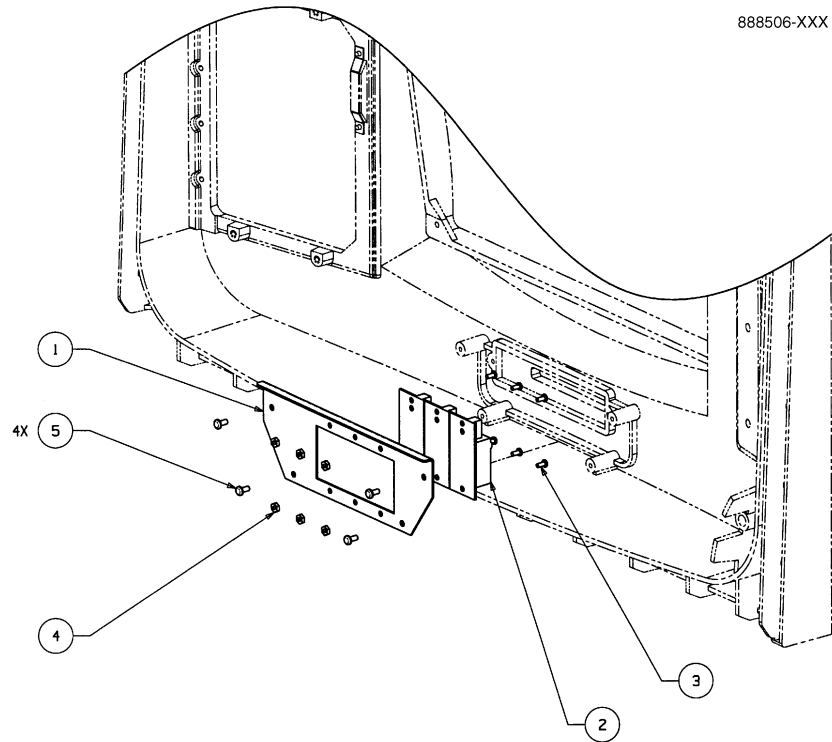


FIGURE 28. 888506-XXX - TOTALIZER MODULE, OVATION

TABLE 33. 888506-001 - TOTALIZER MODULE, OVATION ONE PRODUCT

Item No.	Part No.	Qty.	Description
	888506-001		TOT MODULE,1 PROD
1	888398-001	1	TOTALIZER BRACKET,OVATION
2	883540-002	1	PCB ASSY,TOTALIZER 24V E-M TOTALIZER
3	6005901	2	SCR 6-32X3/8 PHESPHSTPL
4	6019401	2	NUT 6-32 KPNTSPSTZN
5	6030201	4	SCR 6X5/16 PHPTPHSTZN PLA
6	887596-021	1	CABLE ASSY,EM COUNTER,1 P
100	888506-XXX		TOTALIZER MODULE,OVATION

TABLE 34. 888506-002 - TOTALIZER MODULE, OVATION 2 PRODUCT

Item No.	Part No.	Qty.	Description
	888506-002		TOT MODULE,2
DWG	888506-XXX		TOT MODULE
1	888398-001	1	TOTALIZER BRACKET,OVATION
2	883540-002	2	PCB ASSY,TOTALIZER 24V E-M TOTALIZER
3	6005901	4	SCR 6-32X3/8 PHESPHSTPL
4	6019401	4	NUT 6-32 KPNTSPSTZN
5	6030201	4 \	SCR 6X5/16 PHPTPHSTZN PLA
6	887596-022	1	CABLE ASSY,EM COUNTER,2 P

TABLE 35. 888506-003 - TOTALIZER MODULE, OVATION 3 PRODUCT

Item No.	Part No.	Qty.	Description
	888506-003		TOT MODULE,3
DWG	888506-XXX		TOT MODULE
1	888398-001	1	TOTALIZER BRACKET,OVATION
2	883540-002	3	PCB ASSY,TOTALIZER 24V E-M TOTALIZER
3	6005901	6	SCR 6-32X3/8 PHESPHSTPL
4	6019401	6	NUT 6-32 KPNTSPSTZN
5	6030201	4	SCR 6X5/16 PHPTPHSTZN PLA
6	887596-023	1	CABLE ASSY,EM COUNTER,3 P

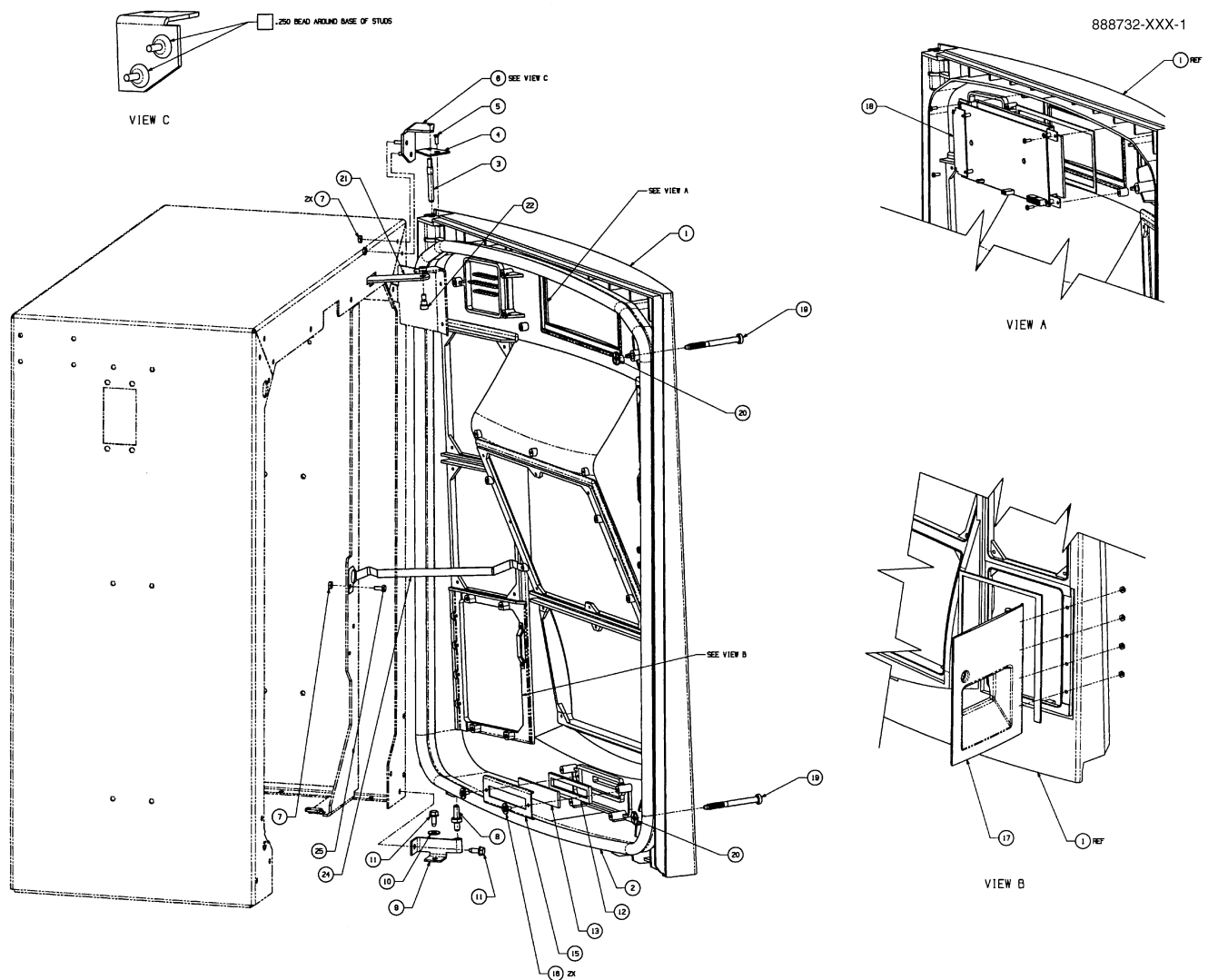


TABLE 36. 888732-001 - BEZEL ASSY, OVATION

Item No.	Part No.	Qty.	Description
	888732-001		BEZEL ASSY,OVATION
DWG	888732-XXX		BEZEL ASSY,OVATION
1	888282-001/GEN		BEZEL,OVATION
2	888570-001	10	GASKET,BULB
3	888385-001	1	PIN,OVATION HINGE, TOP
4	888386-001	1	PLATE,OVATION HINGE, TOP
5	-918198-	1	SCR 8X1/2 FLABPHSTBZ
6	888382-001	1	BRACKET,OVATION HINGE, TOP
7	6019404	3	NUT 10-32 KPNTMSSTZN
8	888384-001	1	PIN,OVATION HINGE, BOTTOM
9	888381-001	1	BRKT,OVATION HINGE, BOTTOM
10	888413-001	1	WSHR,ALUM .266X.687X.064
11	-918513-	2	SCREW,SHAKEPROOF TAP/R TH
12	001-201927-	1	GASKET, LONG
13	001-201926-	1	GLASS, LONG
14	001-201928-DWG		DWG, GLASS & GASKET ASSY
15	888630-001	1	PLATE, TOT GLASS
16	-918933-	2	SCREW, #8-10X3/8 H.W.HD
17	887898-001	1	DOOR ASSY, PRINTER
18	888714-001	1	ASSY, SALES/VOLUME DISPLAY
19	001-202021-	2	SCREW, QUICK RELEASE
20	001-301675-	2	RETAINER, QUICK RELEASE
21	888378-001	1	SUPPORT, OVATION DOOR STAY
22	888507-001	1	SCR 1/4-20X1/4 SHSR_STBO
23	888059-002	1	CABLE ASSY, 14-14P RND JCK
24	882859-001	1	GROUND STRAP, BEZEL
25	6001105	1	SCR 10-32X1/2 PHMSPHSSPA

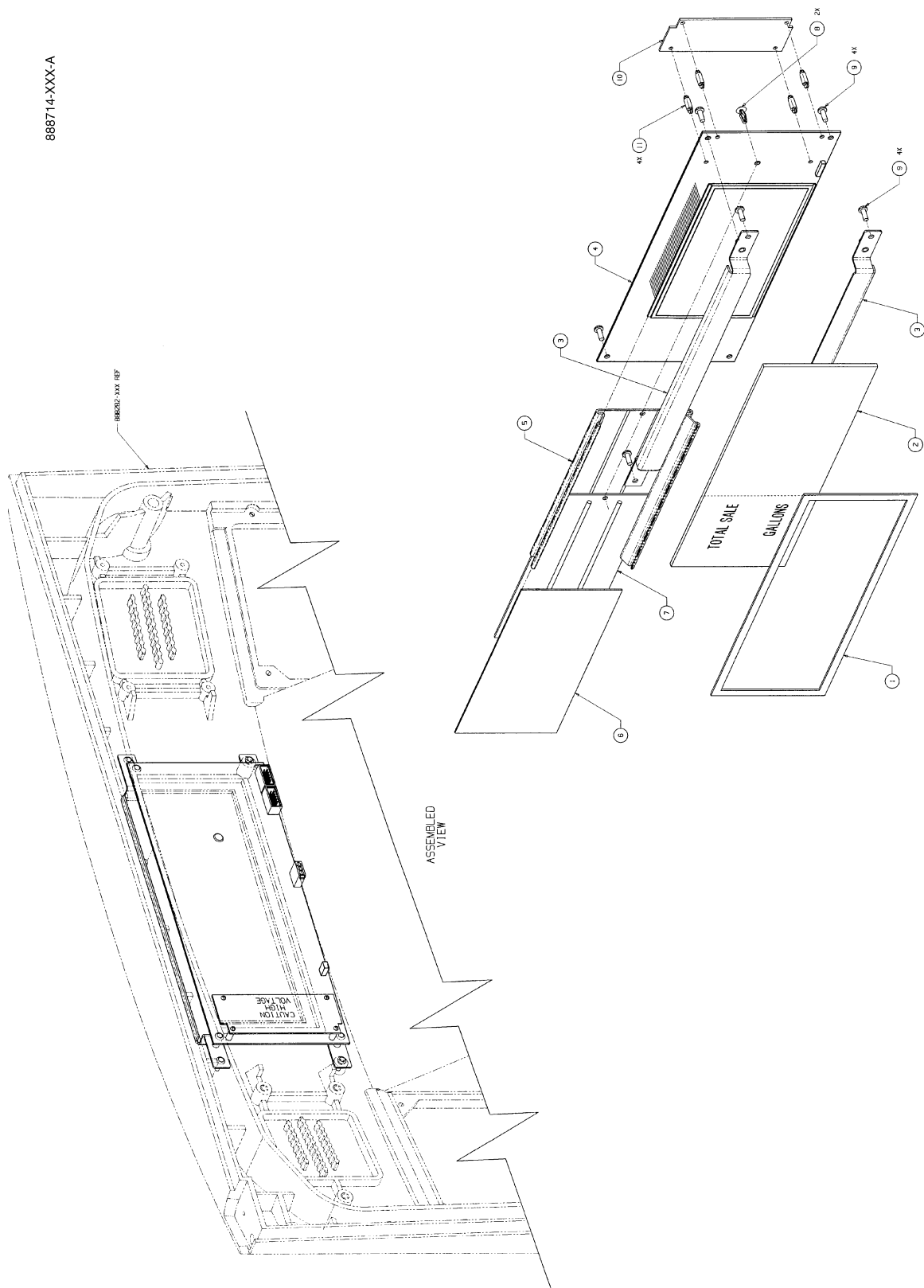


FIGURE 30. 888714-XXX - SALES/VOLUME DISPLAY ASSY

TABLE 37. 888714-001 - SALES/VOLUME DISPLAY ASSY, OVATION

Item No.	Part No.	Qty.	Description
	888714-001		ASSY,SALES/VOLUME DISPLAY
DWG	888714-XXX		ASSY,SALES/VOLUME DISPLAY
1	888341-004	1	GASKET,SALES/VOLUME DISPL
2	887460-001/GEN		ASSY,GLASS,MAIN SALES D
3	887439-001	2	BRKT,MAIN SALES DISPLAY
4	887979-001	1	PCB ASSY,DSPL OVATION
5	887949-001	1	EXTRUSION,CCFL,S/V DISPLA
6	887974-001	1	PCB ASSY,CCFL BACK LITE S
7	887955-001	1	DIFFUSER,CCFL,S/V DISPLAY
8	888352-001	2	RIVET,PLASTIC,,126 HOLE
9	6005901	8	SCR 6-32X3/8 PHESPHSTPL
10	888563-001	1	GUARD,S/V DISPLAY,OVATION
11	882623-001	4	STDF SNAP .375XA.125/B.12

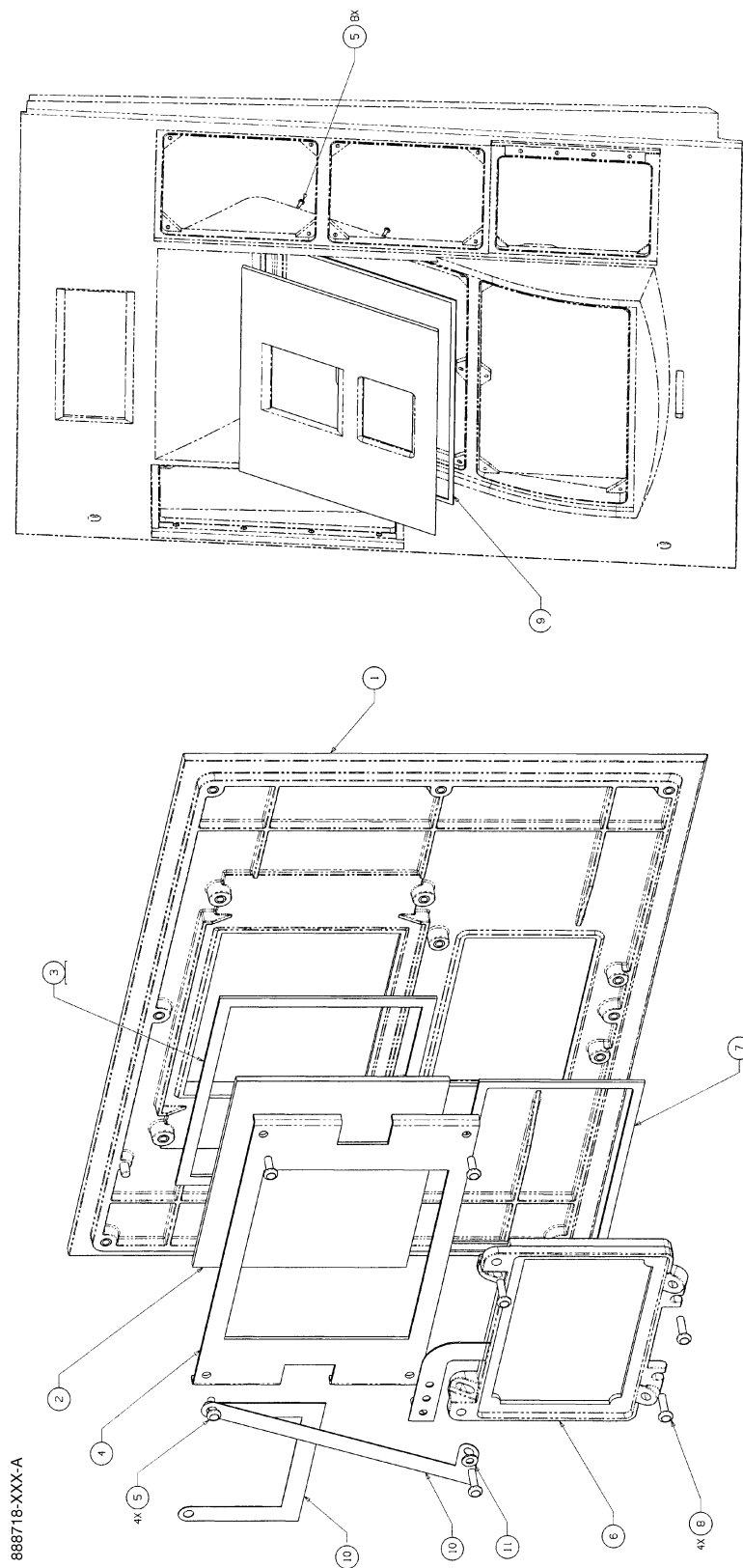


FIGURE 31. 888718-XXX - PANEL ASSY, QVGA DISPLAY/KEYPAD

TABLE 38. 888718-001 - PANEL ASSY, QVGA DISPLAY/KEYPAD

Item No.	Part No.	Qty.	Description
	888718-001		PANEL ASSY,QVGA/KYPD
DWG	888718-XXX		PANEL ASSY,QVGA/KYPD
1	887877-001/GEN		PANEL,QVGA/KYPD
2	887464-001	1	GLASS,QVGA DISPLAY
3	888341-006	1	GASKET,QVGA DISPLAY GLASS
4	887857-001	1	RETAINER,QVGA DISPLAY GL
5	6005901	12	SCR 6-32X3/8 PHESPHSTPL
6	887869-GEN		KYPD ASSY,TRSM,DES
7	887814-001	1	GASKET,TRSM KEYPAD,20 KEY
8	6005902	4	SCR 6-32X1/2 PHESPHSTPL
9	888341-001	1	GASKET,DISPLAY PANEL
10	001-301823-	2	GROUND STRAP,BEZEL
11	6010701	1	WSHR #6 .156X.312X.032 FW

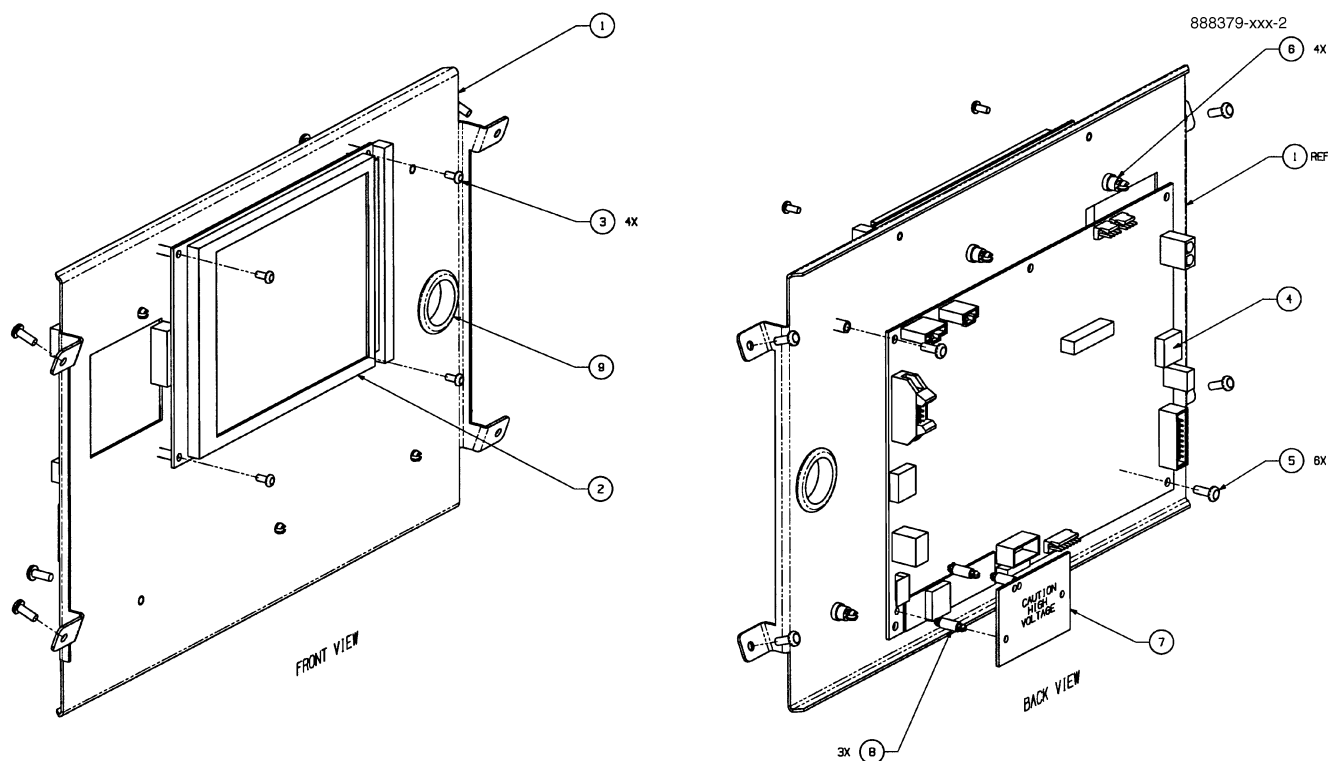


FIGURE 32. 888379-XXX - MOUNTING BRACKET ASSY, QVGA/BCB

TABLE 39. 888379-001 - QVGA/BCB MOUNTING BRACKET ASSY, OVATION

Item No.	Part No.	Qty.	Description
	888379-001		ASSY,QVGA/BCB MOUNTING BR
DWG	888379		ASSY,QVGA/BCB MOUNTING BR
1	888131-001	1	QVGA MOUNTING BRACKET
2	887212-001	1	LCD SPEC,1/4 VGA 320X240 QVGA DISPLAY SCEEN
3	882956-003	4	SCR 4-40 X 1/4 PHESPHSTZN
4	888574-001	1	PRGM PCB ASSY,QCAT QCAT BD
5	6005901	6	SCR 6-32X3/8 PHESPHSTPL
6	882505-002	4	STNDOFF,SUPPORT POST,NYLO
7	888635-001	1	GUARD,QCAT
8	882623-001	3	STDF SNAP .375XA.125/B.12
9	5057502	1	GROMMET 7/8 ID X 1HOLE X

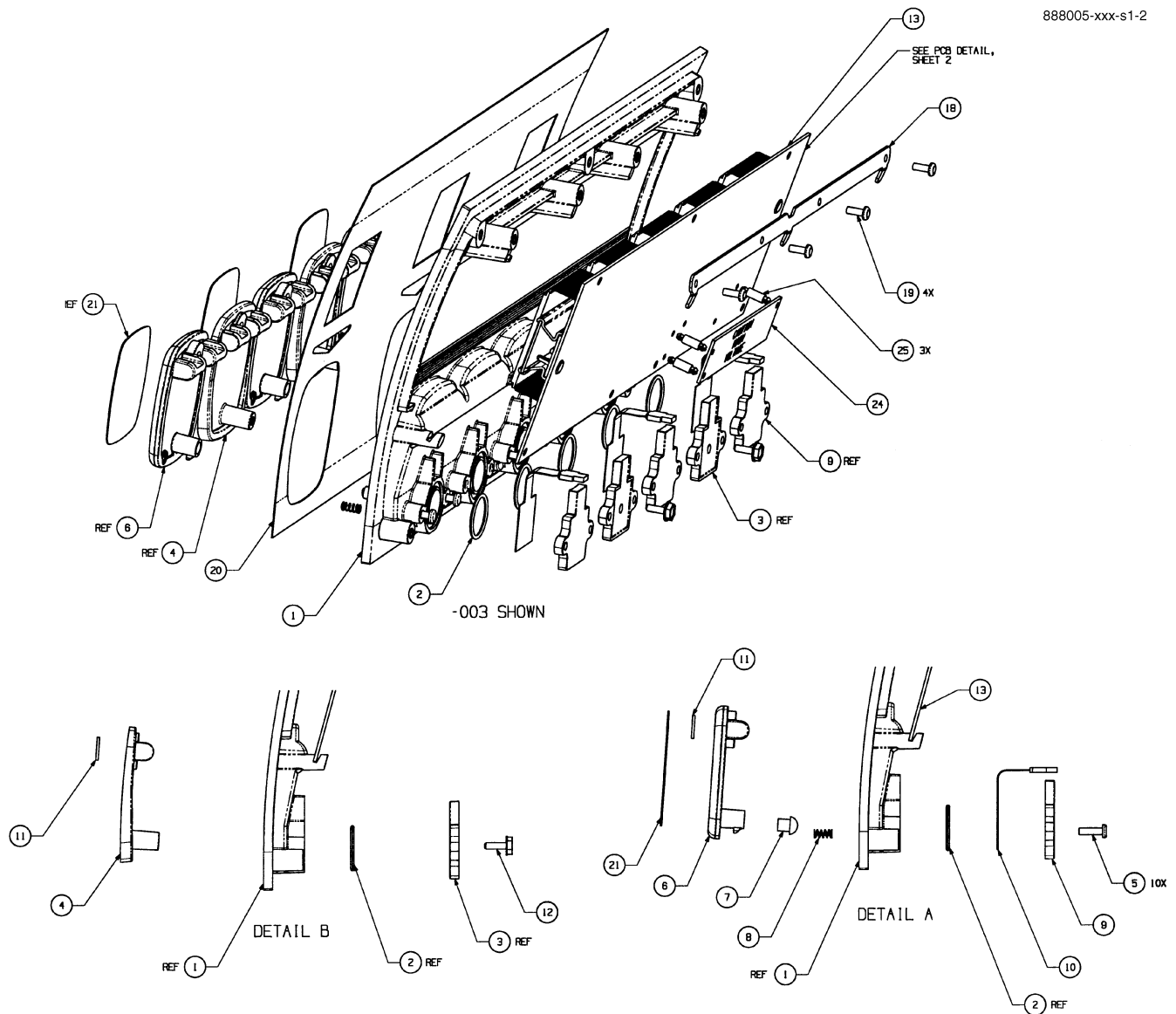


FIGURE 33. 888005-XXX-S1 - PANEL ASSY, PUSH TO START

888005-xxx-s2-2

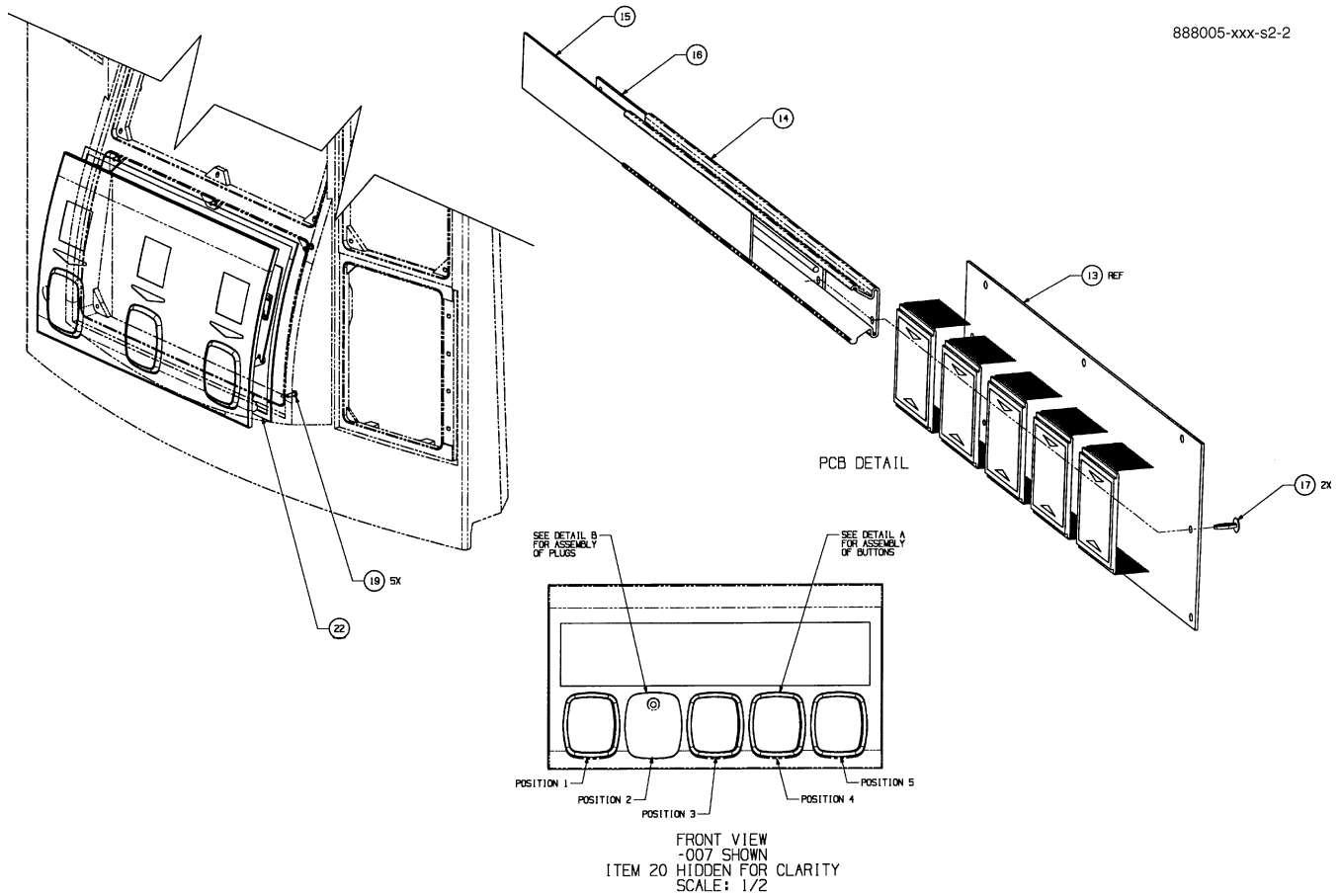


FIGURE 34. 888005-XXX-S2 - PANEL ASSY, PUSH TO START

DASH NO.	1	2	3	4	5
-001	PLUG	PLUG	BUTTON	PLUG	PLUG
-002	PLUG	BUTTON	PLUG	BUTTON	PLUG
-003	BUTTON	PLUG	BUTTON	PLUG	BUTTON
-004	BUTTON	BUTTON	PLUG	BUTTON	BUTTON
-005	BUTTON	BUTTON	BUTTON	BUTTON	BUTTON
-006	PLUG	BUTTON	BUTTON	BUTTON	BUTTON
-007	BUTTON	PLUG	BUTTON	BUTTON	BUTTON

888005-XXX-S2-2

FIGURE 35. 888005-XXX-S3 - PUSH TO START PLUG/BUTTON POSITION

TABLE 40. 888005-003/GEN - PANEL ASSY, PUSH TO START, 3 PRODUCT

Item No.	Part No.	Qty.	Description
	888005-003/GEN		PNL ASSY,PTS,3 PROD
DWG	888005-XXX-S1 & S2		PNL ASSY,PTS
1	888006-001	1	PANEL,PUSH TO START
2	888356-001	5	O-RING,ID .801 X .070W X
3	887886-002	2	HOLDER,PTS PLUG
4	888008-001	2	PLUG,OVATION PTS
5	6029502	10	SCR 6X1/2 PHPTPHSTZN PLAS
6	887893-001	3	PADDLE,PTS
7	-129815-	3	BUMPER AD PANEL
8	-129874-	6	SPRING
9	887886-001	3	HOLDER,MEMBRANE SWITCH
10	001-301673-	3	SWITCH,MEMBRANE
11	-905861-	5	RING M#5105-25-20 TRUARC
12	002-918104-	2	SCREW,PLAWA #10X1/2 PLAS.
13	887981-003	1	PCB ASSY,U/P DSPL OVATION UNIT PRICE DISPLAY PANEL
14	887947-001	1	EXTRUSION,CCFL,UP DISPLAY
15	887955-002	1	DIFFUSER,CCFL,UP DISPLAY
16	887972-001	1	PCB ASSY,CCFL BACK LITE U
17	888352-001	2	RIVET,PLASTIC,.126 HOLE
18	888007-001	1	UPD PCB RETAINER
19	6005906	9	SCR 6-32X5/16 PHESPHSTPL
20	888459-003/GEN	1	DECAL,PTS PANEL,3 PROD
21	888460-001/GEN	3	DECAL,PTS ACTUATOR
22	888341-002	1	GASKET,PTS PANEL
23	887811-001	1	CABLE ASSY,DISPLAY JUMPER
24	888564-001	1	GUARD,U/P DISPLAY,OVATION
25	882623-001	4	STDF SNAP .375XA.125/B.12

TABLE 41. 888005-007/GEN - PANEL ASSY, PUSH TO START, 1+3 PRODUCT

Item No.	Part No.	Qty.	Description
	888005-007/GEN		PNL ASSY,PTS,1+3 PROD
DWG	888005-XXX-S1 & S2		PNL ASSY,PTS
1	888006-001	1	PANEL,PUSH TO START
2	888356-001	5	O-RING,ID .801 X .070W X
3	887886-002	1	HOLDER,PTS PLUG
4	888008-001	1	PLUG,OVATION PTS
5	6029502	10	SCR 6X1/2 PHPTPHSTZN PLAS
6	887893-001	4	PADDLE,PTS
7	-129815-	4	BUMPER AD PANEL
8	-129874-	8	SPRING
9	887886-001	4	HOLDER,MEMBRANE SWITCH
10	001-301673-	4	SWITCH,MEMBRANE
11	-905861-	5	RING M#5105-25-20 TRUARC
12	002-918104-	1	SCREW,PLAWA #10X1/2 PLAS.
13	887981-005	1	PCB ASSY,U/P DSPL OVATION UNIT PRICE DISPLAY PANEL
14	887947-001	1	EXTRUSION,CCFL,UP DISPLAY
15	887955-002	1	DIFFUSER,CCFL,UP DISPLAY
16	887972-001	1	PCB ASSY,CCFL BACK LITE U
17	888352-001	2	RIVET,PLASTIC,.126 HOLE
18	888007-001	1	UPD PCB RETAINER
19	6005906	9	SCR 6-32X5/16 PHESPHSTPL
20	888459-007/GEN	1	DECAL,PTS PNL,1+3 PROD
21	888460-001/GEN	4	DECAL,PTS ACTUATOR
22	888341-002	1	GASKET,PTS PANEL
23	887811-001	1	CABLE ASSY,DISPLAY JUMPER
24	888564-001	1	GUARD,U/P DISPLAY,OVATION
25	882623-001	4	STDF SNAP .375XA.125/B.12

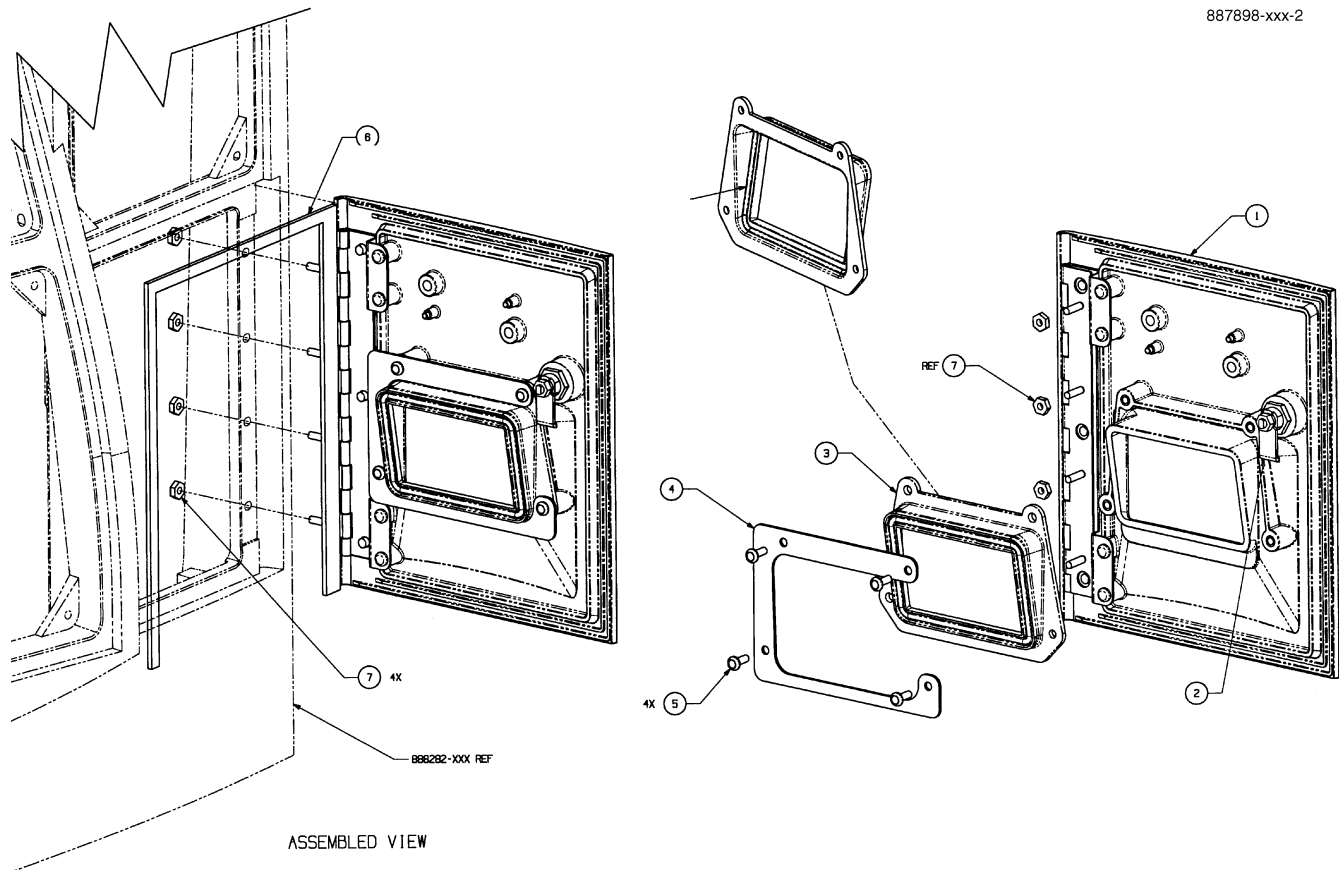


FIGURE 36. 887898-XXX - PRINTER DOOR ASSY

TABLE 42. 887898-101/GEN - PRINTER DOOR ASSY, VGA

Item No.	Part No.	Qty.	Description
	887898-101/GEN		DOOR ASSY,PNTR,COATED
DWG	887898-XXX		DOOR ASSY,PNTR
1	887897-101/GEN	1	DOOR,PRINTER,COATED
2	887693-001/GEN	1	LOCK/KEY,PNTR/BAC DOOR
3	887702-001	1	GASKET,BEZEL DOOR,CLAMSHE
4	888405-001	1	RETAINER PLATE,PRINTER DO
5	6005901	4	SCR 6-32X3/8 PHESPHSTPL
6	888610-003	1	GSKT,OVAT PRINTER DOOR
7	6019401	4	NUT 6-32 KPNTSPSTZN

TABLE 43. 887898-001/GEN - PRINTER DOOR ASSY, QVGA

Item No.	Part No.	Qty.	Description
	887898-001/GEN		DOOR ASSY,PRINTER
DWG	887898-XXX		DOOR ASSY,PNTR
1	887897-001/GEN	1	DOOR,PRINTER
2	887693-001/GEN	1	LOCK/KEY,PNTR/BAC DOOR
3	887702-001	1	GASKET,BEZEL DOOR,CLAMSHE
4	888405-001	1	RETAINER PLATE,PRINTER DO
5	6005901	4	SCR 6-32X3/8 PHESPHSTPL
6	888610-003	1	GSKT,OVAT PRINTER DOOR
7	6019401	4	NUT 6-32 KPNTSPSTZN

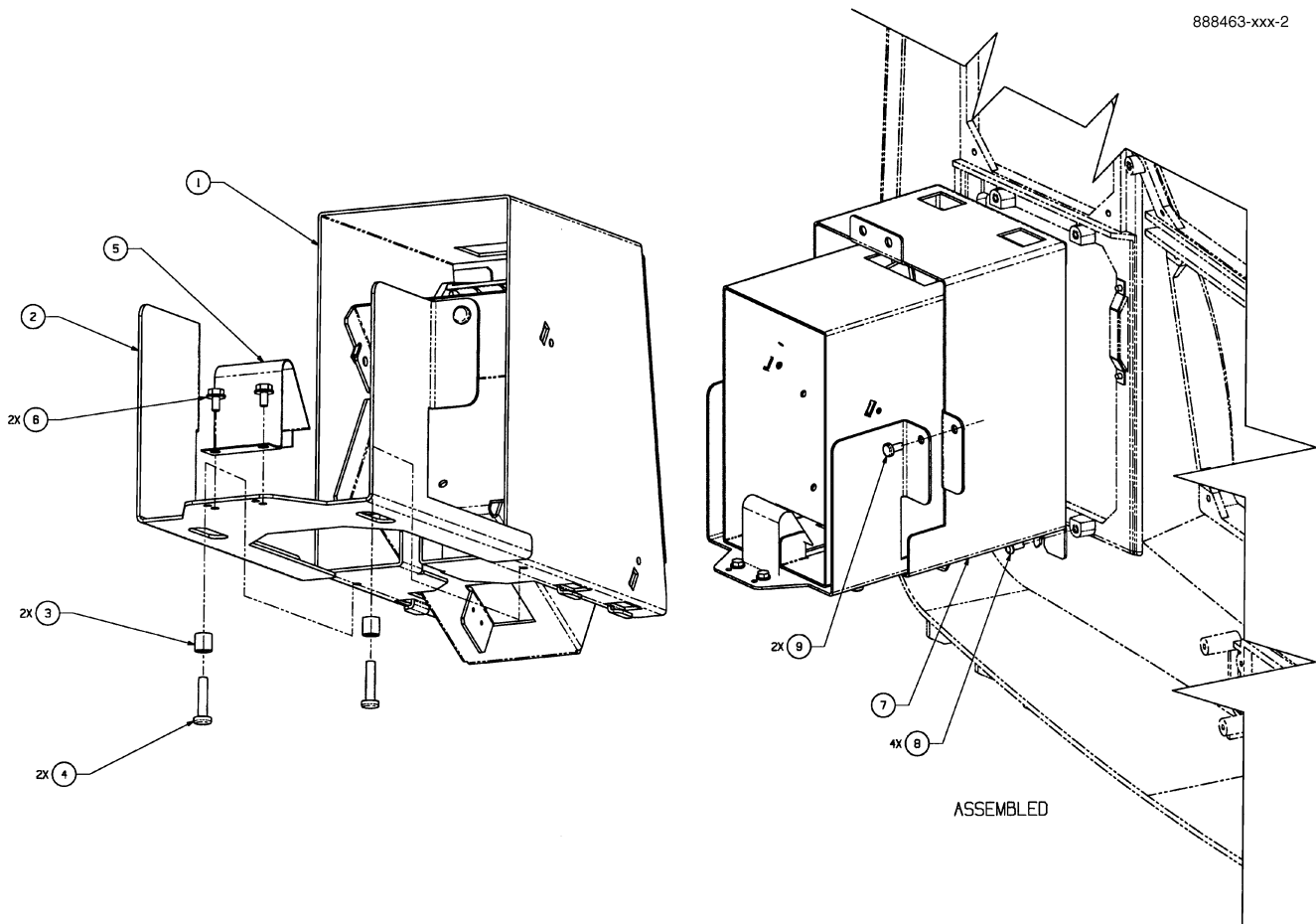


FIGURE 37. 888463-XXX - PRINTER ASSY, OVATION

TABLE 44. 888463-001 - PRINTER ASSY, OVATION

Item No.	Part No.	Qty.	Description
	888463-001		PRINTER ASSY,OVATION
DWG	888463-XXX		PRINTER ASSY,OVATION
1	887627-001	1	PRINTER,CLAMSHELL
2	887432-001	1	BRKT,PRINTER MTG
3	888443-001	2	SPACER 5/16L X 5/16OD X.1
4	-916956-	2	SCREW, SHWH #8-32 X 3/4
5	883757-001	1	SPRING,PRINTER LOADING,TB
6	-512438-	2	SCR 8X1/4 IW-BUNSTZN/CD (
7	887970-001	1	BRACKET,TOP,PRINTER
8	6005901	4	SCR 6-32X3/8 PHSPHSTPL
9	6005909	2	SCR 8-32X3/8 PHSPHSTPL
20	883924-002	1	CABLE ASSY,TB PNTR TO OCP
21	880566-002	1	CABLE ASSY,PTR PWR 56HAL

888724-xxx-1

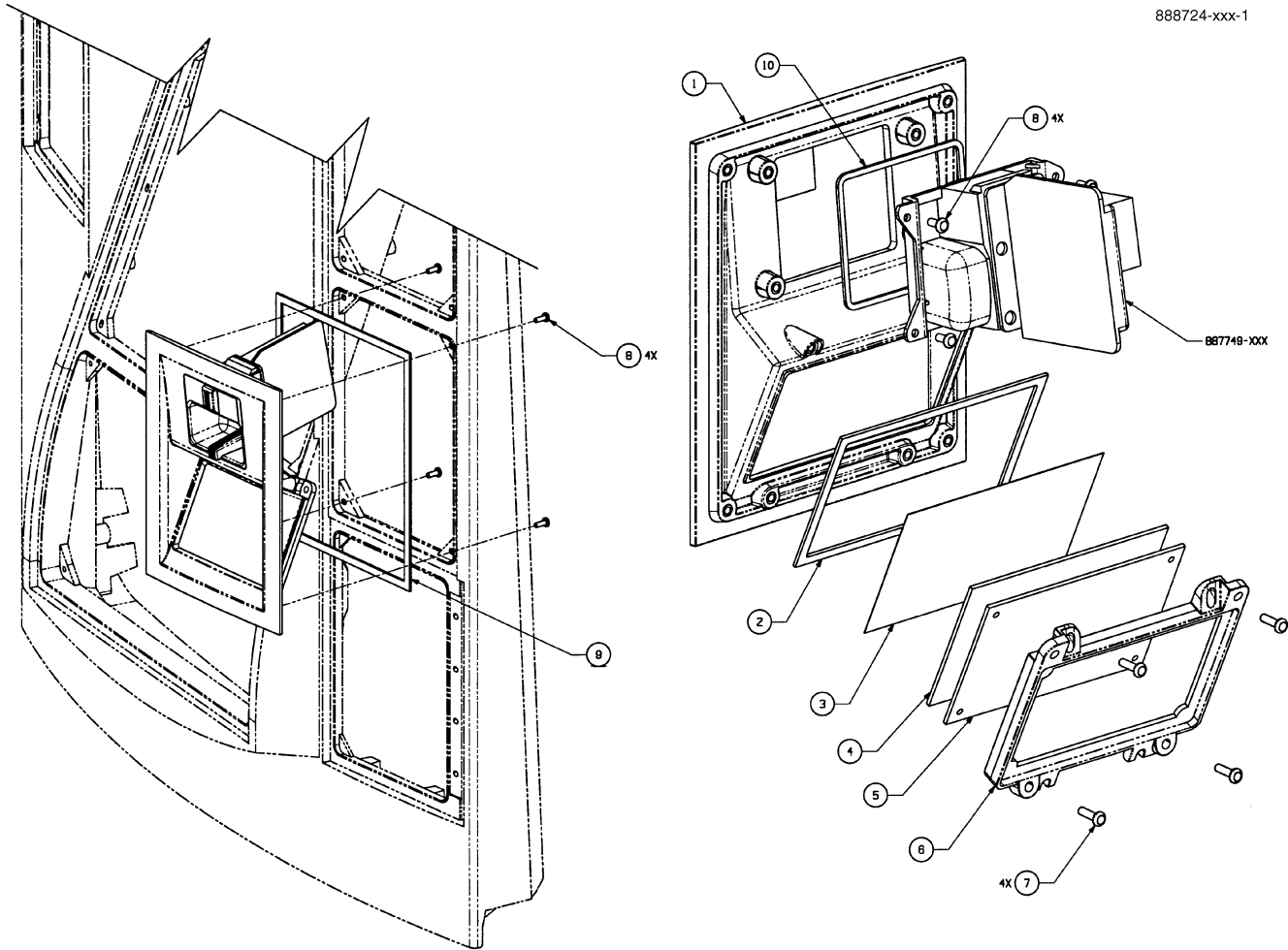


FIGURE 38. 888724-XXX - PANEL ASSY, CARD READER

TABLE 45. 888724-001 - PANEL ASSY, CARD READER

Item No.	Part No.	Qty.	Description
	888724-001		PANEL ASSY,CRD RDR
DWG	888724-XXX		PANEL ASSY,CRD RDR
REF	887749-XXX	1	CARD READER ASSY
1	887813-001/GEN		PNL,CD RDR/KYPD
2	887814-001	1	GASKET,TRSM KEYPAD,20 KEY
3	888668-GEN		DECAL,COVER PLATE
4	888695-001/GEN		PLATE,KYPD COVER,GENERIC
5	888431-001	1	PLATE,KEYPAD COVER
6	887815-001	1	POTTING DAM,TRSM KEYPAD,2
7	6005902	4	SCR 6-32X1/2 PHESPHSTPL
8	6005901	8	SCR 6-32X3/8 PHESPHSTPL
9	888341-005	1	GASKET,PAYMENT OPTION PAN
10	887435-001	1	GASKET,SEALED CARD READER

888725-xxx-1

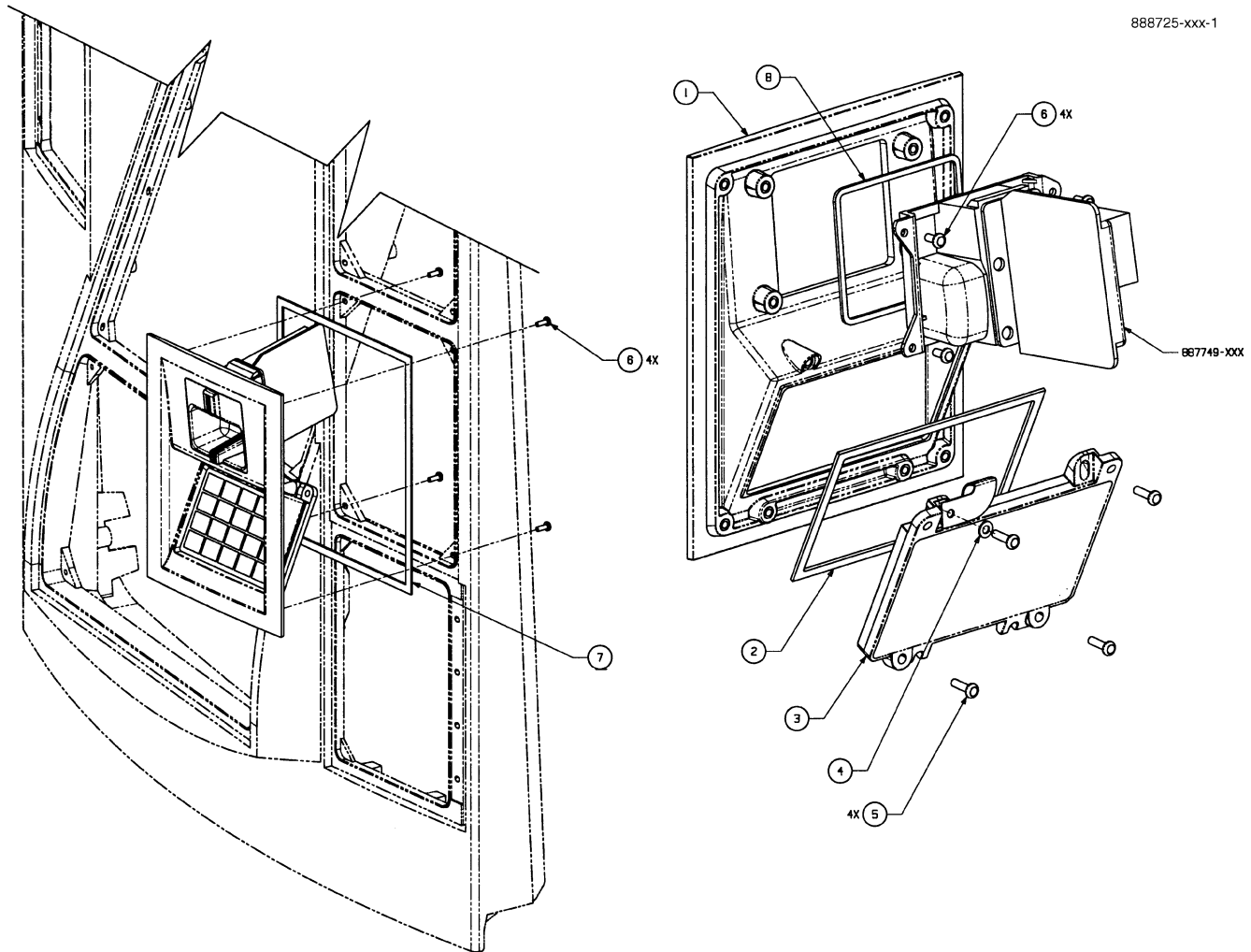


FIGURE 39. 888725-XXX - PANEL ASSY, CARD READER/KEYPAD

TABLE 46. 888725-001 - PANEL ASSY, CARD READER/KEYPAD

Item No.	Part No.	Qty.	Description
	888725-001		PANEL ASSY,CRD RDR/KYPD
DWG	888725-XXX		PANEL ASSY,CRD RDR/KYPD
REF	887749-XXX	1	CARD READER ASSY
1	887813-101/GEN		PNL,CD RDR/KYPD,COATED
2	887814-001	1	GASKET,TRSM KEYPAD,20 KEY
3	887869-GEN		KYPD ASSY,TRSM,DES
4	6010701	1	WSHR #6 .156X.312X.032 FW
5	6005902	4	SCR 6-32X1/2 PHESPHSTPL
6	6005901	8	SCR 6-32X3/8 PHESPHSTPL
7	888341-005	1	GASKET,PAYMENT OPTION PAN
8	887435-001	1	GASKET,SEALED CARD READER

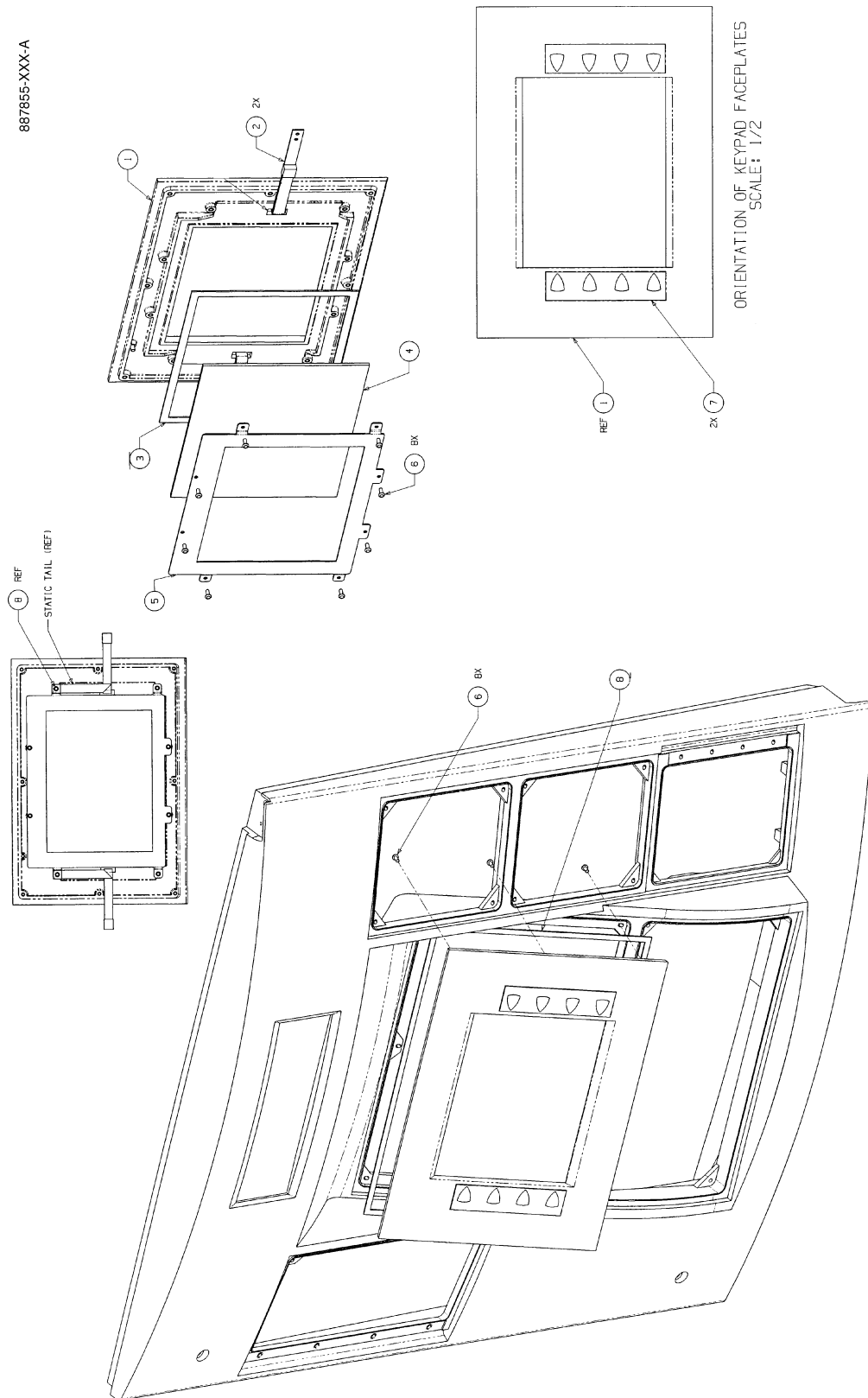


FIGURE 40. 887855-XXX - PANEL ASSY 10.4 VGA DISPLAY

TABLE 47. 887855-101/GEN - PANEL ASSY, 10.4 VGA DISPLAY

Item No.	Part No.	Qty.	Description
	887855-101/GEN		PNL ASSY,10.4 VGA,COATED
DWG	887855-XXX		PNL ASSY,10.4 VGA
1	887818-101/GEN	1	PNL,10.4 DSPL,COATED
2	888627-001	2	KYPD,VGA SOFTKEY,1X4 VGA SOFTKEY KEYPAD
3	888341-003	1	GASKET,10.4 VGA DISPLAY G
4	887465-001	1	GLASS 10.4 VGA DISPLAY
5	887856-001	1	RETAINER,10.4 VGA DISPLAY
7	888629-001/GEN	2	FACEPLATE,VGA SOFTKEY,1X4
8	888341-001	1	GASKET,DISPLAY PANEL
16	6005901	6	SCR 6-32X3/8 PHESPHSTPL

TABLE 48. 887855-002 - PANEL ASSY, 10.4 VGA SLVR DISPLAY

Item No.	Part No.	Qty.	Description
	887855-002		PNL ASSY,10.4 VGA,SLVR 0A
DWG	887855-XXX		PNL ASSY,10.4 VGA
1	887818-101/0A6	1	PNL,10.4 DSPL,COATED,0A6
2	887754-001	2	KYPD,10/4 DSPL,BLUE/WHITE
3	888341-003	1	GASKET,10.4 VGA DISPLAY G
4	887465-001	1	GLASS 10.4 VGA DISPLAY
5	887856-001	1	RETAINER,10.4 VGA DISPLAY
6	6005906	6	SCR 6-32X5/16 PHESPHSTPL

TABLE 49. 887855-001 - PANEL ASSY, 10.4 VGA BLK DISPLAY

Item No.	Part No.	Qty.	Description
	887855-001		PNL ASSY,10.4 VGA,BLK J21
	887855-XXX		PANEL ASSY,10.4 VGA DSPL
1	887818-101/GEN		PNL,10.4 DSPL,COATED
2	888627-001	2	KYPD,VGA SOFTKEY,1X4 VGA SOFTKEY KEYPAD
3	888341-003	1	GASKET,10.4 VGA DISPLAY G
4	887465-001	1	GLASS 10.4 VGA DISPLAY
5	887856-001	1	RETAINER,10.4 VGA DISPLAY
6	6005901	16	SCR 6-32X3/8 PHESPHSTPL
7	888629-001/GEN		FACEPLATE,VGA SOFTKEY,1X4
8	888341-001	1	GASKET,DISPLAY PANEL
9	887622-001	2	CABLE ASSY,SOFT KEY TO BC

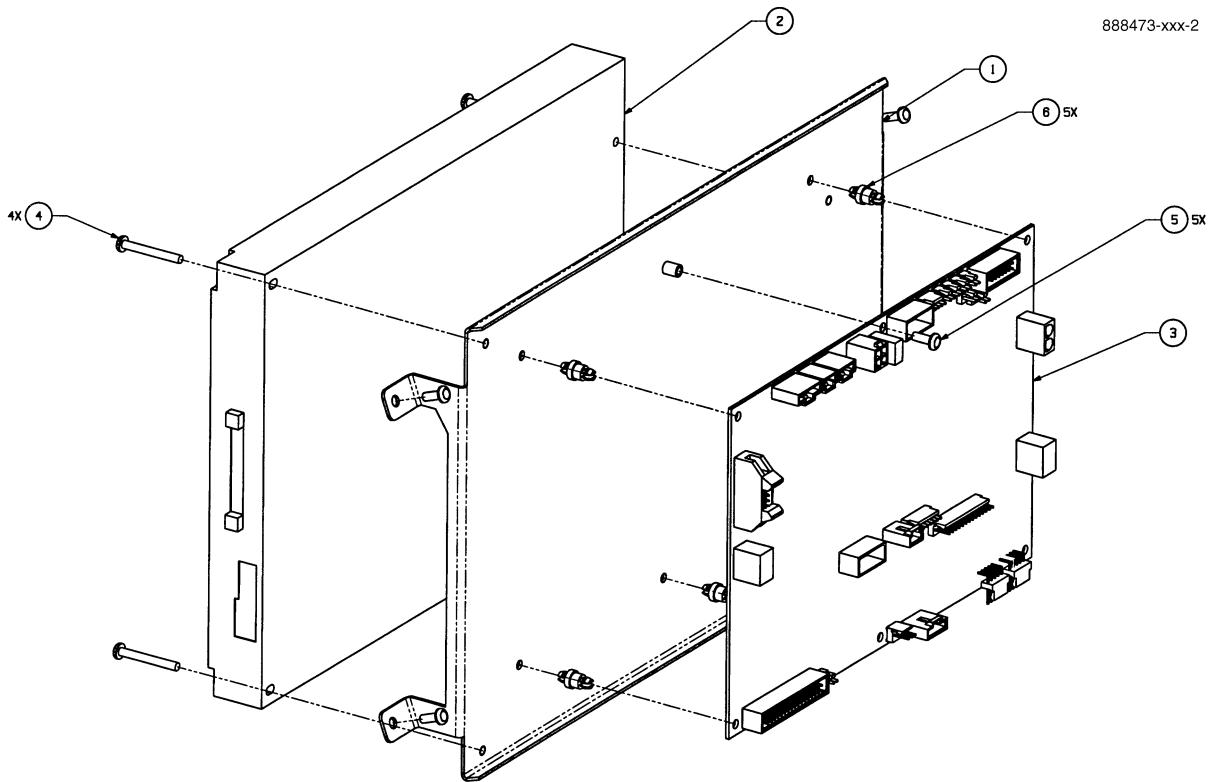


FIGURE 41. 888473-XXX - 10.4 VGA/BCB BRACKET ASSY

TABLE 50. 888473-001 - 10.4 VGA/BCB BRACKET ASSY

Item No.	Part No.	Qty.	Description
	888473-001		ASSY,10.4 VGA/BCB BRACKET
DWG	888473-XXX		ASSY,10.4 VGA/BCB BRACKET
1	888130-001	1	10.4 VGA MOUNTING BRACKET
2	887295-001	1	DISPLAY,FLAT,10-4 VGA DISPLAY
3	887320-002	1	PCB ASSY,BEZEL CONTROL BO BCB BD
4	6000713	4	SCR 6-32X1-1/8 PHMSPHSSPA
5	6005901	5	SCR 6-32X3/8 PHESPHSTPL
6	882505-002	5	STNDOFF,SUPPORT POST,NYLO

887990-XXX-A

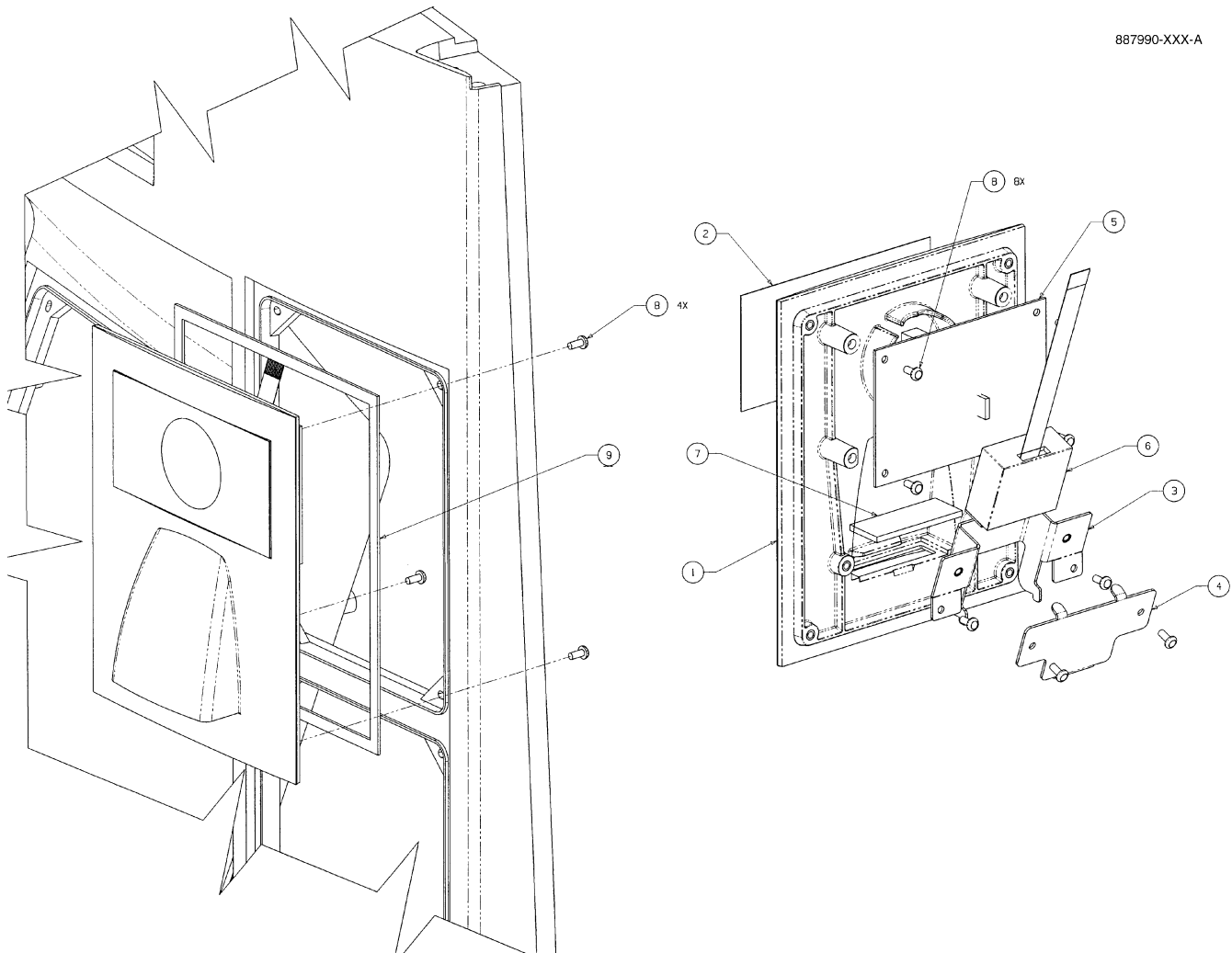


FIGURE 42. 887990-XXX - SCANNER PANEL ASSY

TABLE 51. 887990-001 - SCANNER PANEL ASSY

Item No.	Part No.	Qty.	Description
	887990-001		SCAN PNL ASSY
DWG	887990-XXX		PANEL ASSY,SCANNER
1	887989-001/GEN		PANEL,SCANNER
2	888474-100/GEN		DECAL,SCANNER
3	888133-001	1	SCANNER MOUNTING BRACKET
4	887463-001	1	BRKT,METROLOGIC SCANNER
5	888001-001	1	PCB ASSY,LITE/BARCODE SCN SCANNER LITE BD PCB
6	887880-001	1	BARCODE SCANNER W/CABLE, SCANNER
7	887517-001	1	SCANNER GLASS
8	6005901	12	SCR 6-32X3/8 PHESPHSTPL
9	888341-005	1	GASKET,PAYMENT OPTION PAN
10	886486-004	1	CABLE ASSY,10-10 PIN W/RN

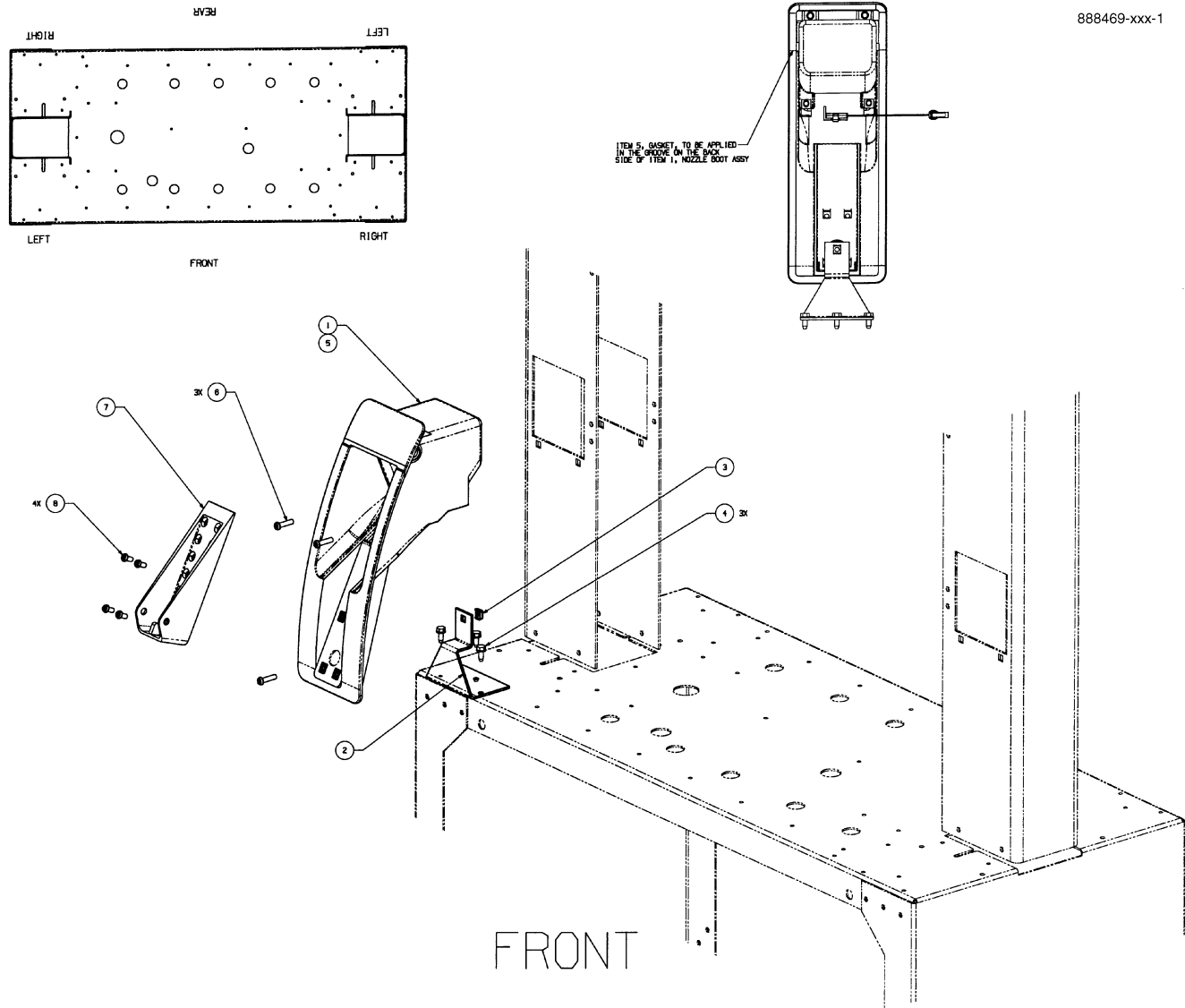


FIGURE 43. 888469-XXX - NOZZLE BOOT MODULE, OVATION

NOZZLE BOOT POSITION

888469-xxx-1

				FRONT LEFT	FRONT RIGHT	REAR LEFT	REAR RIGHT
1	387	RIGHT			X		
2	387	LEFT			X		
3	389	DUAL		X			
4	389	RIGHT		X			
5	390	3+1	CONFIGURATION	X	X	X	X
6	380	RIGHT			X		X
7	387	LEFT	SINGLE SIDED	X			
8	387	RIGHT	SINGLE SIDED		X		
9	389	DUAL	SINGLE SIDED	X	X		
10	389	RIGHT	SINGLE SIDED		X		
11	390	DUAL	SINGLE SIDED	X	X		
12	380	RIGHT	SINGLE SIDED		X		
13	580	LEFT		X		X	
14	580	RIGHT			X		X
15	595	1+3		X	X	X	X
16	595	3+1		X	X	X	X
17	580	LEFT	SINGLE SIDED	X			
18	580	RIGHT	SINGLE SIDED		X		
19	595	1+3	SINGLE SIDED	X	X		
20	595	3+1	SINGLE SIDED	X	X		

FIGURE 44. 888469-XXX-S2 - NOZZLE BOOT POSITION

TABLE 52. 888469-001 - NOZZLE BOOT MODULE

Item No.	Part No.	Qty.	Description
	888469-001		NOZZLE BOOT MODULE
DWG	888469-XXX		NOZZLE BOOT MODULE
1	888422-001	1	NOZZLE BOOT ASSEMBLY,OVAT (SEE TABLE 53.)
2	888284-001	1	SUPPORT-NOZZLE BOOT
3	-918217-	1	CAGE N 1/4-20SLF-RET TINN
4	-918513-	3	SCREW,SHAKEPROOF TAP/R TH
5	002-129830-	1	GASKET,41.5 INCHES
6	005-511297-	3	SOBU S1/4-20X1 S.S.
7	888269-001	1	NOZZLE HOOK,OVATION
8	006-511297-	4	SOBH S1/4-20X1/2 SS

888442-XXX-1

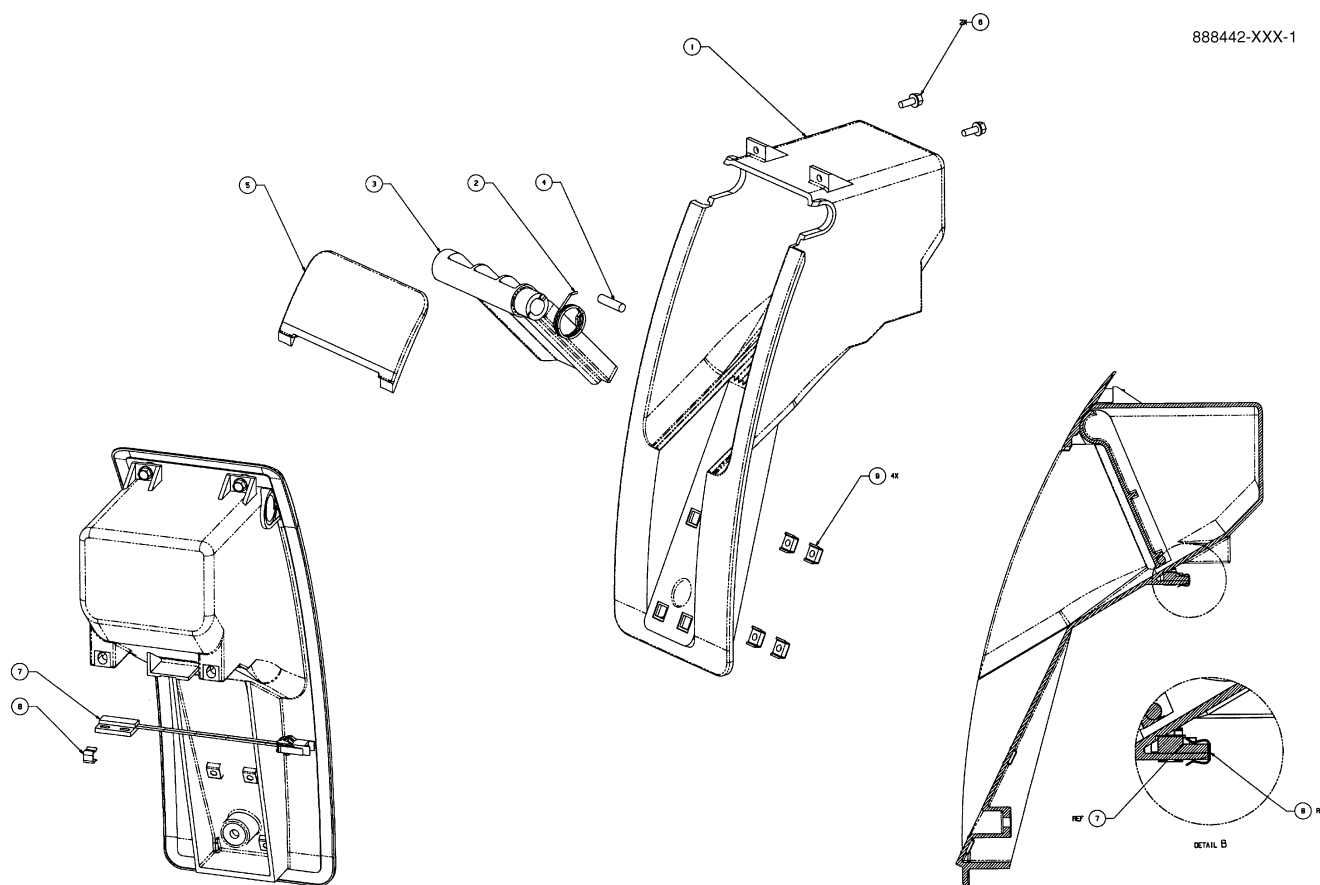


FIGURE 45. 888422-XXX - NOZZLE BOOT ASSY

TABLE 53. 888422-001 - NOZZLE BOOT ASSY, OVATION

Item No.	Part No.	Qty.	Description
	888422-001		NOZZLE BOOT ASSEMBLY,OVAT
DWG	888422-XXX		NOZZLE BOOT ASSEMBLY,OVAT
1	888268-001	1	NOZZLE BOOT,OVATION
2	001-300927-	1	SPRING
3	888270-001	1	FLIPPER
4	-918919-	1	MAGNET
5	888271-001	1	FLIPPER RETAINER,OVATION
6	-513708-	2	TTWA S#10-24X1/2,ZINC
7	001-201917-	1	SWITCH,SENSOR-PROXIMITY A NOZZLE SWITCH
8	-918913-	1	RETAINER,U-TYPE
9	-918217-	4	CAGE N 1/4-20SLF-RET TINN

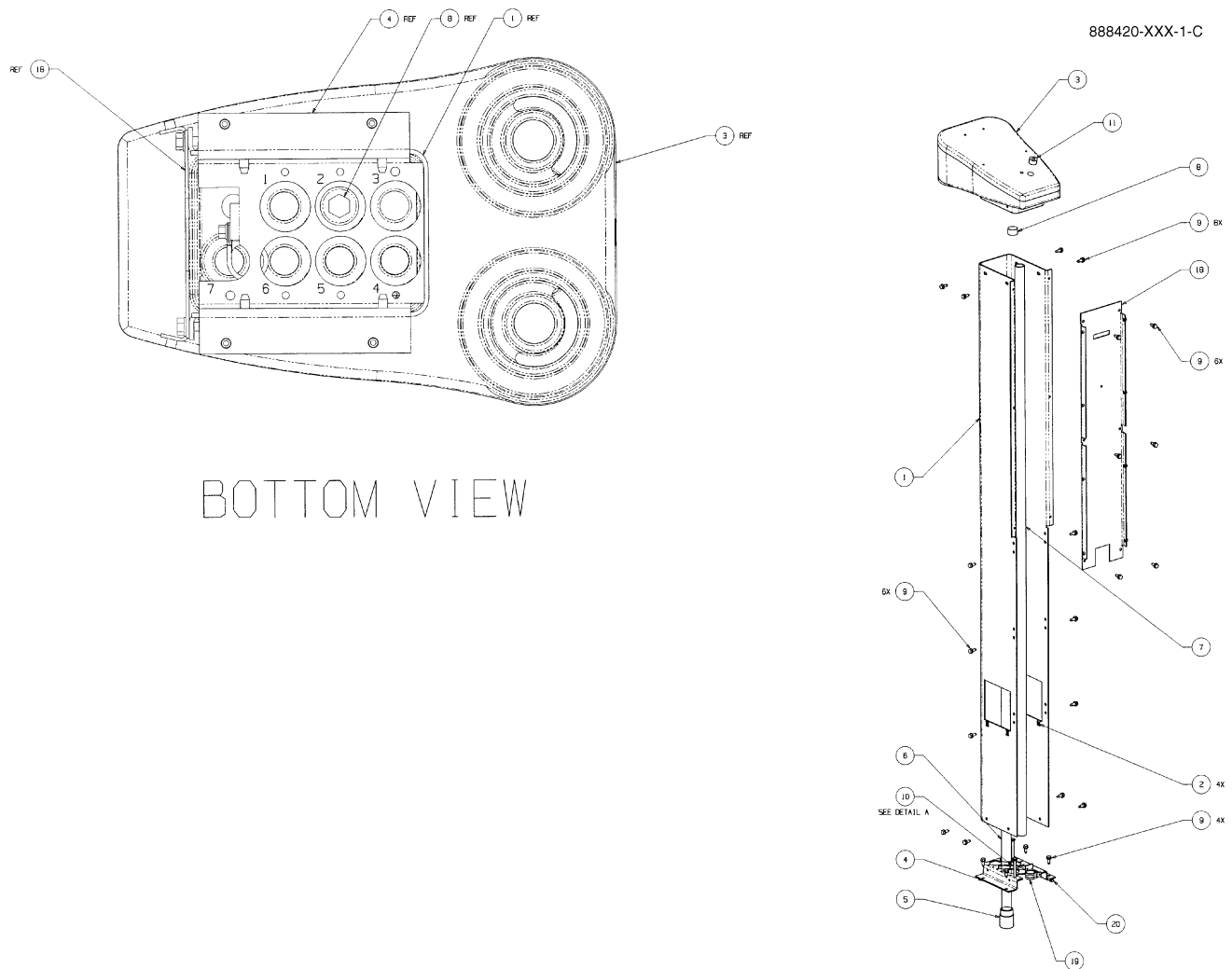


FIGURE 46. 888420-XXX-S1 - COLUMN ASSY, OVATION

**TABLE 54. 888420-XXX-S2 - COLUMN MODULE AND PRODUCT/VAPOR TUBE POSITION
(USE TABLE TO IDENTIFY CORRECT COLUMN DASH NUMBER)**

MODEL			HOLE NUMBER							7
				1	2	3	4	5	6	
R11/122 Rt	R	888420-	001		X					888468-002
	L	888420-	002		X					888468-002
R11/122 Lt	R	888420-	003					X		888468-002
	L	888420-	004					X		888468-002
R22/222 Dual	R	888420-	005		X		X			888468-002
	L	888420-	006		X				X	888468-002
R12/222 Rt	R	888420-	007		X	X				888468-002
	L	888420-	008	X	X					888468-002
R23/322 Dual	R	888420-	009	X			X	X		888468-002
	L	888420-	010			X		X	X	888468-002
R13/322 Rt	R	888420-	011	X	X	X				888468-002
	L	888420-	012	X	X	X				888468-002
R11/112 Lt (Single Sided)	R	888420-	013							
	L	888420-	004					X		888468-002
R11/112 Rt (Single Sided)	R	888420-	001		X					888468-002
	L	888420-	013							
R22/212 Dual (Single Sided)	R	888420-	001		X					888468-002
	L	888420-	014						X	888468-002
R12/212 Rt (Single Sided)	R	888420-	007		X	X				888468-002
	L	888420-	013							
R26/312 Dual (Single Sided)	R	888420-	015	X						888468-002
	L	888420-	016					X	X	888468-002
R13/312 Rt (Single Sided)	R	888420-	011	X	X	X				888468-002
	L	888420-	013							
B12/322 Lt	R	888420-	017				X	X		888468-002
	L	888420-	016					X	X	888468-002
B12/322 Rt	R	888420-	007		X	X				888468-002
	L	888420-	008	X	X					888468-002
B23/422 (1+3)	R	888420-	018		X	X			X	888468-002
	L	888420-	019	X	X	X				888468-002
B23/522 (1+4)	R	888420-	018		X	X			X	888468-002
	L	888420-	019	X	X	X				888468-002
B23/422 (3+1)	R	888420-	009	X			X	X		888468-002
	L	888420-	010			X		X	X	888468-002
B23/522 (4+1)	R	888420-	009	X			X	X		888468-002
	L	888420-	010			X		X	X	888468-002
B12/312 (Single Sided)	R	888420-	013							
	L	888420-	016					X	X	888468-002
B12/312 Rt (Single Sided)	R	888420-	007		X	X				888468-002
	L	888420-	013							
B23/412 (1+ 3 Single Sided)	R	888420-	007		X	X				888468-002
	L	888420-	020				X			888468-002
B23/512 (1+ 4 Single Sided)	R	888420-	007		X	X				888468-002
	L	888420-	020				X			888468-002
B23/412 (3 + 1 Single Sided)	R	888420-	015	X						888468-002
	L	888420-	008	X	X					888468-002
B23/512 (4 + 1 Single Sided)	R	888420-	015	X						888468-002
	L	888420-	008	X	X					888468-002

"X" INDICATES THE HOLES IN WHICH 888468-001 PRODUCT PIPE IS TO BE INSTALLED
 BLANK SPACES INDICATES THE HOLES IN WHICH 508772 PIPE PLUG IS TO BE INSTALLED
 888468-002 VAPOR PIPE IS TO BE INSTALLED IN HOLES AS INDICATED

888420-XXX-D

TABLE 55. 888420-001 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-001		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
5	888272-001/IMP	1	ADAPTER,NPT-TO-DB,IMPREG
6	888468-001	1	3/4"SCHE 40 GALV PIPE 65
7	888468-002	1	3/4"SCHE 40 GALV PIPE 66
8	-508772-	6	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
10	888402-001	1	SCR,1/4-20X2 1/2"PHMSPHST
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

TABLE 56. 888420-002 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-002		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
5	888272-001/IMP	1	ADAPTER,NPT-TO-DB,IMPREG
6	888468-001	1	3/4"SCHE 40 GALV PIPE 65
7	888468-002	1	3/4"SCHE 40 GALV PIPE 66
8	-508772-	5	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
10	888402-001	2	SCR,1/4-20X2 1/2"PHMSPHST
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

TABLE 57. 888420-003 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-003		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
5	888272-001/IMP	1	ADAPTER,NPT-TO-DB,IMPREG
6	888468-001	1	3/4"SCHED 40 GALV PIPE 65
7	888468-002	1	3/4"SCHED 40 GALV PIPE 66
8	-508772-	5	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
10	888402-001	1	SCR,1/4-20X2 1/2"PHMSPHST
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

TABLE 58. 888420-004 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-004		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
5	888272-001/IMP	1	ADAPTER,NPT-TO-DB,IMPREG
6	888468-001	1	3/4"SCHED 40 GALV PIPE 65
7	888468-002	1	3/4"SCHED 40 GALV PIPE 66
8	-508772-	5	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
10	888402-001	2	SCR,1/4-20X2 1/2"PHMSPHST
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

TABLE 59. 888420-005 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-005		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
5	888272-001/IMP	2	ADAPTER,NPT-TO-DB,IMPREG
6	888468-001	2	3/4"SCHE 40 GALV PIPE 65
7	888468-002	2	3/4"SCHE 40 GALV PIPE 66
8	-508772-	4	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
10	888402-001	2	SCR,1/4-20X2 1/2"PHMSPHST
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

TABLE 60. 888420-006 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-006		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
5	888272-001/IMP	2	ADAPTER,NPT-TO-DB,IMPREG
6	888468-001	2	3/4"SCHE 40 GALV PIPE 65
7	888468-002	1	3/4"SCHE 40 GALV PIPE 66
8	-508772-	4	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
10	888402-001	3	SCR,1/4-20X2 1/2"PHMSPHST
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

TABLE 61. 888420-007 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-007		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
5	888272-001/IMP	2	ADAPTER,NPT-TO-DB,IMPREG
6	888468-001	2	3/4"SCHED 40 GALV PIPE 65
7	888468-002	1	3/4"SCHED 40 GALV PIPE 66
8	-508772-	4	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
10	888402-001	2	SCR,1/4-20X2 1/2"PHMSPHST
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

TABLE 62. 888420-008 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-008		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
5	888272-001/IMP	2	ADAPTER,NPT-TO-DB,IMPREG
6	888468-001	2	3/4"SCHED 40 GALV PIPE 65
7	888468-002	1	3/4"SCHED 40 GALV PIPE 66
8	-508772-	4	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
10	888402-001	5	SCR,1/4-20X2 1/2"PHMSPHST
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

TABLE 63. 888420-009 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-009		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
5	888272-001/IMP	3	ADAPTER,NPT-TO-DB,IMPREG
6	888468-001	3	3/4"SCHE 40 GALV PIPE 65
7	888468-002	1	3/4"SCHE 40 GALV PIPE 66
8	-508772-	3	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
10	888402-001	3	SCR,1/4-20X2 1/2"PHMSPHST
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

TABLE 64. 888420-010 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-010		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
5	888272-001/IMP	3	ADAPTER,NPT-TO-DB,IMPREG
6	888468-001	3	3/4"SCHE 40 GALV PIPE 65
7	888468-002	1	3/4"SCHE 40 GALV PIPE 66
8	-508772-	3	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
10	888402-001	4	SCR,1/4-20X2 1/2"PHMSPHST
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

TABLE 65. 888420-011 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-011		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
5	888272-001/IMP	3	ADAPTER,NPT-TO-DB,IMPREG
6	888468-001	3	3/4"SCHED 40 GALV PIPE 65
7	888468-002	1	3/4"SCHED 40 GALV PIPE 66
8	-508772-	3	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
10	888402-001	3	SCR,1/4-20X2 1/2"PHMSPHST
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

TABLE 66. 888420-012 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-012		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
5	888272-001/IMP	3	ADAPTER,NPT-TO-DB,IMPREG
6	888468-001	3	3/4"SCHED 40 GALV PIPE 65
7	888468-002	1	3/4"SCHED 40 GALV PIPE 66
8	-508772-	3	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
10	888402-001	4	SCR,1/4-20X2 1/2"PHMSPHST
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

TABLE 67. 888420-013 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-013		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
8	-508772-	7	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
12	-918638-	1	FITTING,CROSS 1X1X3/4X3/4
13	-918224-	1	CONN M7/8STR INVERT
14	-511975-	1	BUSHING,HEX 1" X 3/4" NPT
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

TABLE 68. 888420-014 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-014		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
5	888272-001/IMP	1	ADAPTER,NPT-TO-DB,IMPREG
6	888468-001	1	3/4"SCHE 40 GALV PIPE 65
7	888468-002	1	3/4"SCHE 40 GALV PIPE 66
8	-508772-	5	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
10	888402-001	2	SCR,1/4-20X2 1/2"PHMSPHST
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

TABLE 69. 888420-015 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-015		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
5	888272-001/IMP	1	ADAPTER,NPT-TO-DB,IMPREG
6	888468-001	1	3/4"SCHED 40 GALV PIPE 65
7	888468-002	1	3/4"SCHED 40 GALV PIPE 66
8	-508772-	5	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
10	888402-001	1	SCR,1/4-20X2 1/2"PHMSPHST
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

TABLE 70. 888420-016 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-016		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
5	888272-001/IMP	2	ADAPTER,NPT-TO-DB,IMPREG
6	888468-001	2	3/4"SCHED 40 GALV PIPE 65
7	888468-002	1	3/4"SCHED 40 GALV PIPE 66
8	-508772-	4	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
10	888402-001	3	SCR,1/4-20X2 1/2"PHMSPHST
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

TABLE 71. 888420-017 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-017		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
5	888272-001/IMP	2	ADAPTER,NPT-TO-DB,IMPREG
6	888468-001	2	3/4"SCED 40 GALV PIPE 65
7	888468-002	1	3/4"SCED 40 GALV PIPE 66
8	-508772-	4	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
10	888402-001	2	SCR,1/4-20X2 1/2"PHMSPHST
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

TABLE 72. 888420-018 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-018		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
5	888272-001/IMP	3	ADAPTER,NPT-TO-DB,IMPREG
6	888468-001	3	3/4"SCED 40 GALV PIPE 65
7	888468-002	1	3/4"SCED 40 GALV PIPE 66
8	-508772-	3	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
10	888402-001	5	SCR,1/4-20X2 1/2"PHMSPHST
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

TABLE 73. 888420-019 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-019		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
5	888272-001/IMP	3	ADAPTER,NPT-TO-DB,IMPREG
6	888468-001	3	3/4"SCHED 40 GALV PIPE 65
7	888468-002	1	3/4"SCHED 40 GALV PIPE 66
8	-508772-	3	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
10	888402-001	4	SCR,1/4-20X2 1/2"PHMSPHST
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

TABLE 74. 888420-020 - COLUMN MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888420-020		COLUMN ASSY,OVATION
DWG	888420-XXX		COLUMN ASSY,OVATION
	888948-001		ANTI-SEIZE
1	888146-001	1	COLUMN,OVATION
2	-918217-	4	CAGE N 1/4-20SLF-RET TINN
3	888197-001/A17	1	TOP CASTING,OVAT,PNTD A17
4	888148-001	1	BOTTOM PLATE,OVATION
5	888272-001/IMP	1	ADAPTER,NPT-TO-DB,IMPREG
6	888468-001	1	3/4"SCHED 40 GALV PIPE 65
7	888468-002	1	3/4"SCHED 40 GALV PIPE 66
8	-508772-	5	PLUG M3/4 PIPE CONTSUNK
9	-918513-	20	SCREW,SHAKEPROOF TAP/R TH
10	888402-001	2	SCR,1/4-20X2 1/2"PHMSPHST
11	-508919-	3	1/2" CNTRSUNK PIPE PLUG,Z
18	888149-001	1	STIFFENER,COLUMN,OVATION
19	002-918463-	1	CLAMP
20	-513708-	1	TTWA S#10-24X1/2,ZINC

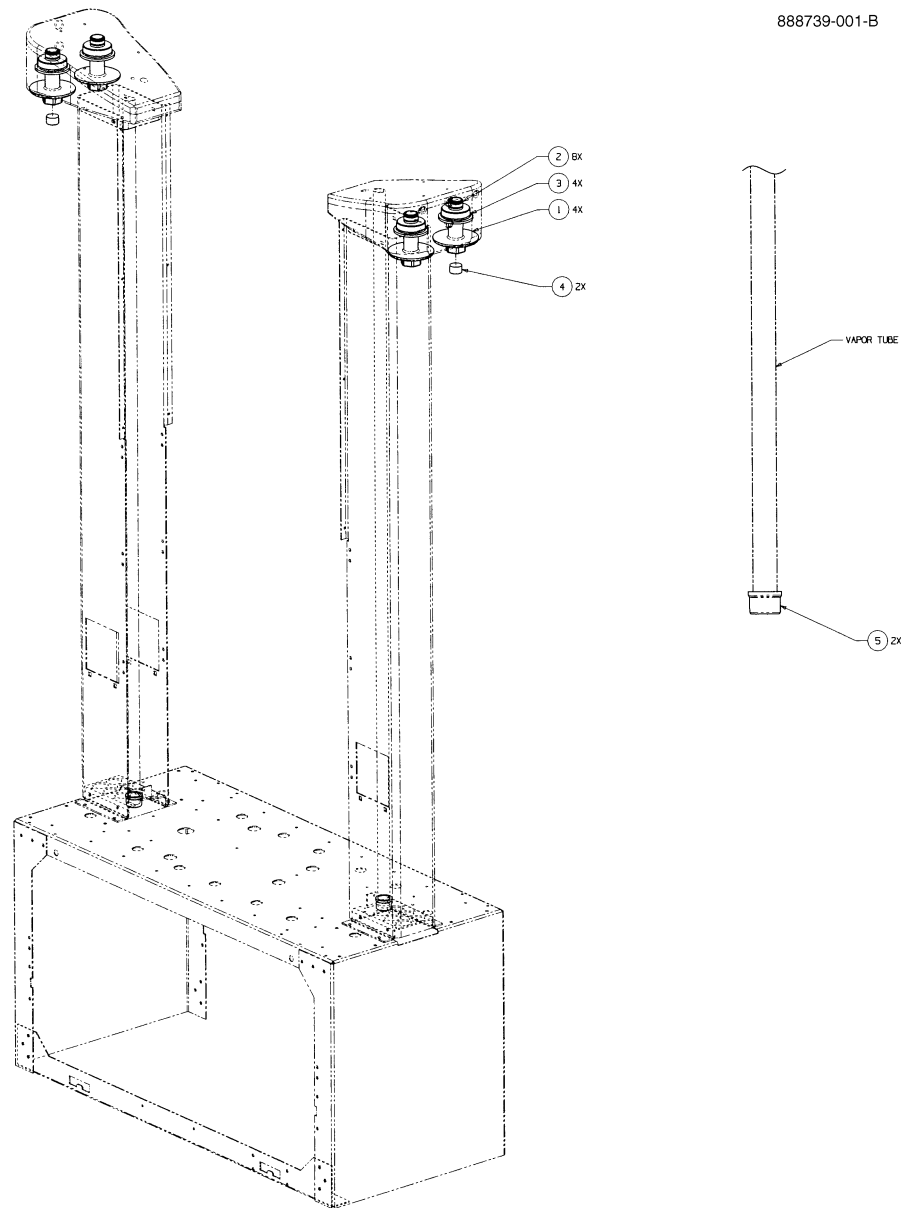


FIGURE 47. 888739-001 - OUTLET MODULE NON VAPOR, OVATION

TABLE 75. 888739-001 - OUTLET MODULE, NON-VAPOR, OVATION

Item No.	Part No.	Qty.	Description
	888739-001		OUTLET MOD,NONVAPO,OVATION
DWG	88739-001		OUTLET MOD,NONVAPO,OVATION
1	888200-001/IMP	4	OUTLET,NON VAPOR,IMPREG
2	888489-001	4	O-RING,1/8X2.359X2.637,
3	888490-001	8	O-RING,1/16X1.114X1.254,
4	-508772-	2	PLUG M3/4 PIPE CONTSUNK
5	004-128243-	1	LABEL
6	888486-001	2	3/4"GLV PIPE CAP,IRON/STL

TABLE 76. 888739-002 - OUTLET MODULE, KIT GAS/DIESEL, OVATION

Item No.	Part No.	Qty.	Description
	888739-002		NVAPOR KIT,GAS/DIESL,OVAT
DWG	888739-001		OUTLET MOD,NONVAPO,OVATION
1	888200-001/IMP	2	OUTLET,NON VAPOR,IMPREG
2	888489-001	4	O-RING,1/8X2.359X2.637,
3	888490-001	8	O-RING,1/16X1.114X1.254,
4	-508772-	2	PLUG M3/4 PIPE CONTSUNK
5	004-128243-	1	LABEL
6	888486-001	2	3/4"GLV PIPE CAP,IRON/STL
7	888200-002/IMP	2	OUTLET,NON VAPOR,IMPREG

TABLE 77. 888739-003 - OUTLET MODULE, KIT ALL DIESEL, OVATION

Item No.	Part No.	Qty.	Description
	888739-003		NVAPOR KIT,ALL DIESEL,OVAT
DWG	888739-001		OUTLET MOD,NONVAPO,OVATION
1	888200-002/IMP	4	OUTLET,NON VAPOR,IMPREG
2	888489-001	4	O-RING,1/8X2.359X2.637,
3	888490-001	8	O-RING,1/16X1.114X1.254,
4	002-508730-	2	PLUG,1" NPT,SQ.HEAD W/VIB
5	004-128243-	1	LABEL
6	888486-001	2	3/4"GLV PIPE CAP,IRON/STL

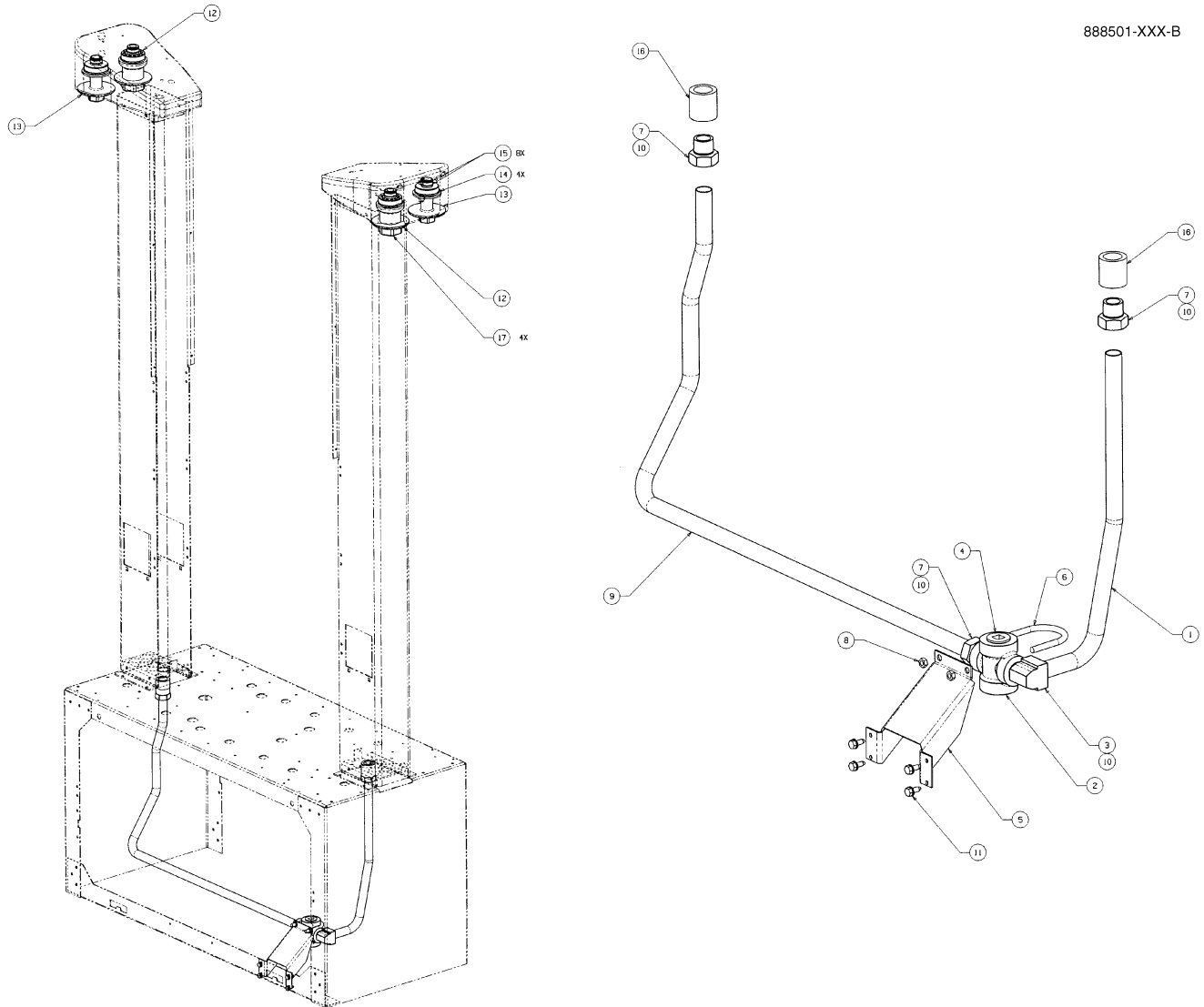


FIGURE 48. 888501-XXX - BALANCE VAPOR RECOVERY MODULE, OVATION

TABLE 78. 888501-001 - BALANCE VAPOR RECOVERY MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888501-001		VAPOR RECOVERY MODULE
DWG	888501-XXX		VAPOR RECOVERY MODULE
1	888592-001	1	TUBE,BAL VAPOR,OVATION
2	-918638-	1	FITTING,CROSS 1X1X3/4X3/4
3	-918223-	1	ELBO M 7/8 90DEG INVERTED
4	-509655-	1	PIPE PLUG SQ. HD. 1" - ZI
5	888594-001	1	BRACKET,VAPOR TEE,OVATION
6	002-127422-	1	U-BOLT
7	-918224-	3	CONN M7/8STR INVERT
8	-507827-	2	NUT 1/4-20 HXNTMSSSPA
9	888593-001	1	TUBE,BAL VAPOR,OVATION
10	-129762-	4	WASHER-FLARE
11	-918513-	4	SCREW,SHAKEPROOF TAP/R TH
12	888199-001/IMP	2	OUTLET,BALANCE VAC,IMPREG
13	888200-002/IMP	2	OUTLET,NON VAPOR,IMPREG
14	888489-001	4	O-RING,1/8X2.359X2.637,
15	888490-001	8	O-RING,1/16X1.114X1.254,
16	888699-001	2	3/4"GALVANIZE COUPLING
17	-916932-	4	O RING - OUTLET CASTING
18	004-128243-	1	LABEL
19	007-129745-	1	LABEL,VAP REC,NOZZLE REP

TABLE 79. 888501-002 - BALANCE VAPOR RECOVERY KIT, ALL GAS, OVATION

Item No.	Part No.	Qty.	Description
	888501-002		VAPOR KIT,ALL GAS,OVATION
DWG	888501-XXX		VAPOR RECOVERY MODULE
1	888592-001	1	TUBE,BAL VAPOR,OVATION
2	-918638-	1	FITTING,CROSS 1X1X3/4X3/4
3	-918223-	1	ELBO M 7/8 90DEG INVERTED
4	-509655-	1	PIPE PLUG SQ. HD. 1" - ZI
5	888594-001	1	BRACKET,VAPOR TEE,OVATION
6	002-127422-	1	U-BOLT
7	-918224-	3	CONN M7/8STR INVERT
8	-507827-	2	NUT 1/4-20 HXNTMSSSPA
9	888593-001	1	TUBE,BAL VAPOR,OVATION
10	-129762-	4	WASHER-FLARE
11	-918513-	4	SCREW,SHAKEPROOF TAP/R TH
12	888199-001/IMP	4	OUTLET,BALANCE VAC,IMPREG
14	888489-001	4	O-RING,1/8X2.359X2.637,
15	888490-001	8	O-RING,1/16X1.114X1.254,
16	888699-001	2	3/4"GALVANIZE COUPLING
17	-916932-	4	O RING - OUTLET CASTING
18	004-128243-	1	LABEL
19	007-129745-	1	LABEL,VAP REC,NOZZLE REP
20	-508772-	2	PLUG M3/4 PIPE CONTSUNK

888541-XXX-C

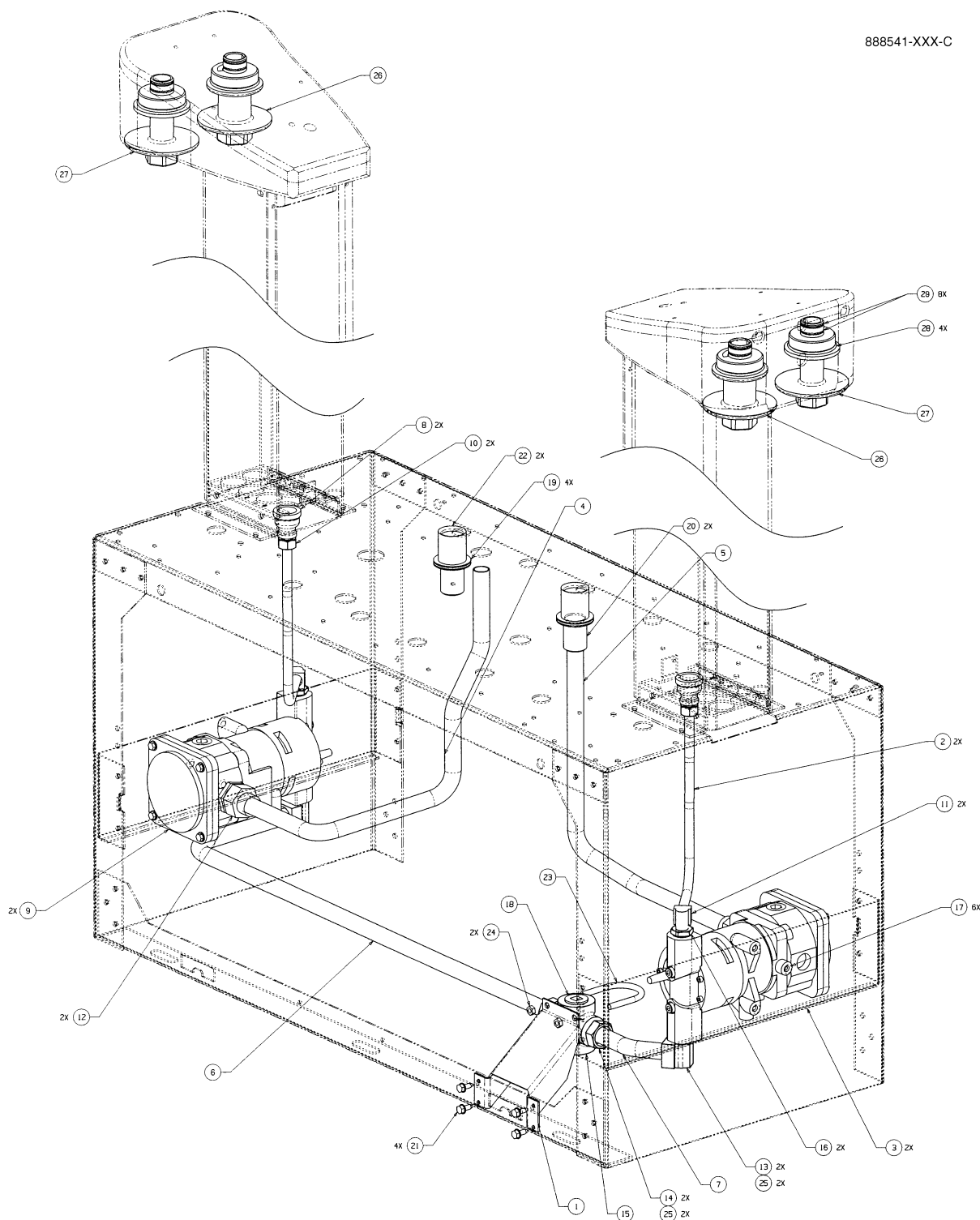


FIGURE 49. 888541-XXX-S1 - WAYNE VAC MODULE, OVATION

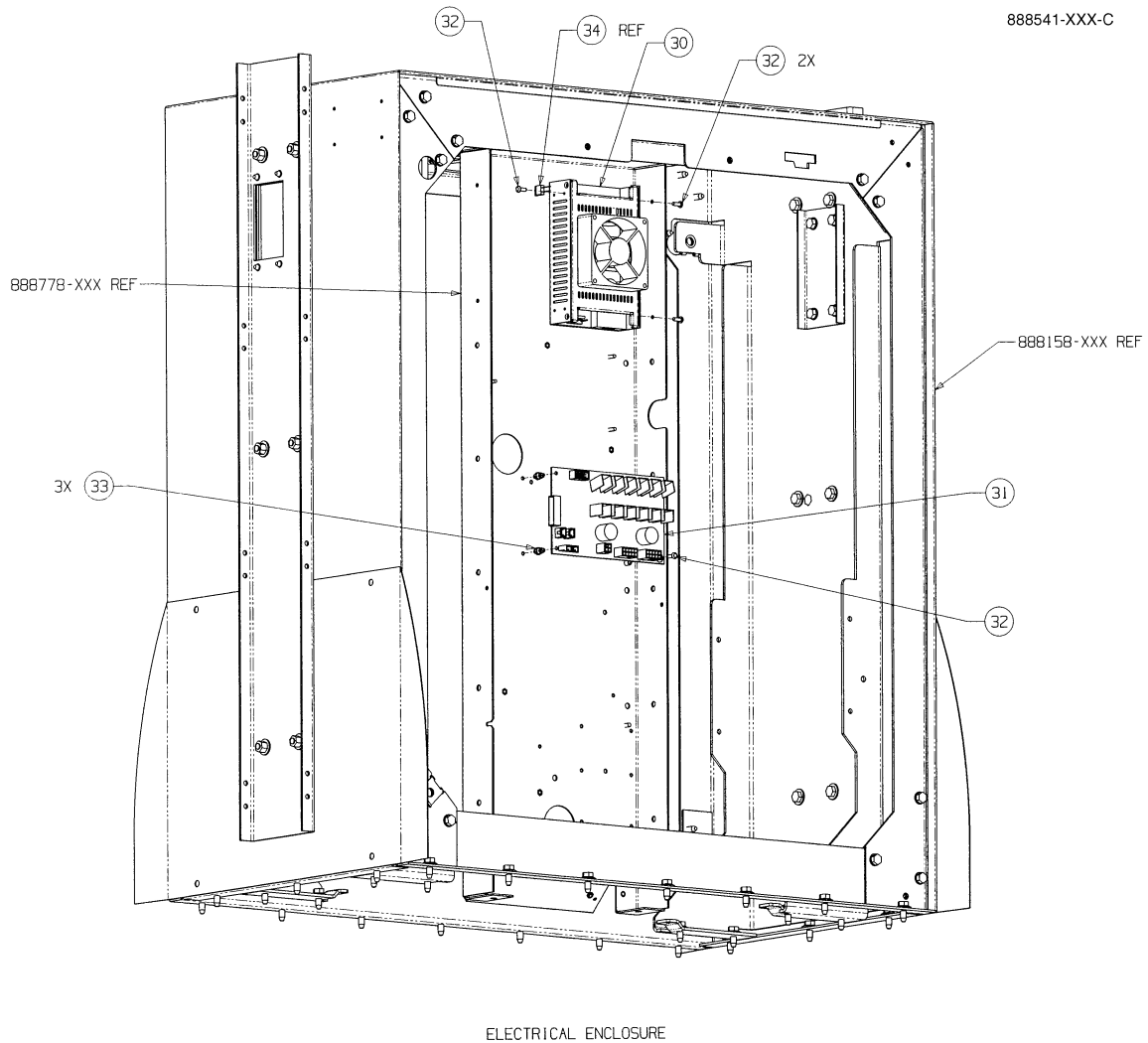


FIGURE 50. 888541-XXX-S2 - WAYNE VAC MODULE, OVATION

TABLE 80. 888541-001 - WAYNE VAC MODULE, OVATION

Item No.	Part No.	Qty.	Description
	888541-001		WAYNE VAC MODULE,OVATION
DWG	888541-XXX-S1 & S2		WAYNE VAC MODULE OVATION
1	888594-001	1	BRACKET,VAPOR TEE,OVATION
2	888596-001	2	TUBE,WAYNE-VAC,OVATION
3	888597-001	2	BRKT,WVAC MOTOR,OVATION
4	888598-001	1	CONDUIT,WV MOTOR,OVATION
5	888599-001	1	CONDUIT,WV MOTOR,OVATION
6	888600-001	1	TUBE,WAYNE-VAC,OVATION
7	888601-001	1	TUBE,WAYNE-VAC,OVATION
8	888543-001	2	REDUCER,3/4 TO 3/8
9	002-300341-	2	991110,VACCUM PUMP/MOTOR
10	-904324-	2	CONN M1/2X3/8 INVERTFLARE
11	-905309-	2	ELBO M1/2X3/8IPT IMPERIAL
12	-914516-	2	3/4 NPT CONDUIT UNION
13	-918223-	2	ELBO M 7/8 90DEG INVERTED
14	-918224-	2	CONN M7/8STR INVERT
15	-918638-	1	FITTING,CROSS 1X1X3/4X3/4
16	-918733-	2	BUSHING,3/4 TO 3/8 REDUC.
17	-507667-	6	FSHM S1/4-20X5/8
18	002-508730-	3	PLUG,1" NPT,SQ.HEAD W/VIB
19	003-126817-	4	WASHER-FLAT
20	-129710-	2	COUPLING
21	-918513-	12	SCREW,SHAKEPROOF TAP/R TH
22	001-047989-HRN	2	HARNESS,WIRING,WVAC-GEM
23	002-127422-	1	U-BOLT
24	-507827-	2	NUT 1/4-20 HXNTMSSSPA
25	-129762-	4	WASHER-FLARE
26	888201-001/IMP	2	OUTLET,CENTRAL VAC,IMPREG
27	888200-002/IMP	2	OUTLET,NON VAPOR,IMPREG
28	888489-001	4	O-RING,1/8X2.359X2.637,
29	888490-001	8	O-RING,1/16X1.114X1.254,
30	887334-002	1	PWR SUPPLY,24V 0.13-6.25A
31	887227-001	1	PCB ASSY,IGEM WAYNE VAC
32	6005901	4	SCR 6-32X3/8 PHESPHSTPL
33	882505-002	3	STNDOFF,SUPPORT POST,NYLO
34	888830-001	1	CABLE ASSY,WVAC PWR,OVATN
35	887343-003	1	CABLE ASSY,IGEM AC PWR,PS
36	886905-003	1	CABLE ASSY,20P-20P FLAT C
37	006-129745-	1	LABEL, VR NOZ REPLACEMENT

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.



Wayne

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