



Mobile Climate Control

T-348PL Manual



SERVICE PARTS for

**68AC353-102
MICROMAX**

T-348PL

REV. 05/2012



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INTRODUCTION

1 INTRODUCTION

The Mobile Climate Control model 68AC353-102 series units are of lightweight frame construction, designed to be installed on the vehicle roof.

2 CONFIGURATION IDENTIFICATION

Unit identification information is provided on a plate located inside the condenser and evaporator sections. The plate provides the unit model number, the unit serial number and the unit parts identification number (PID). The model number identifies the overall unit configuration while the PID provides information on specific optional equipment and differences in detailed parts.

The following paragraph provides descriptions of the options provided. A tabular listing of unit model numbers and PID numbers, used to assist the reader in identifying the equipment supplied and any required service parts, is provided in Table 1-2.

3 OPTION DESCRIPTION

Various options may be factory or field equipped to the base unit. These options are listed in Table 1-1 and described in the following subparagraphs.

3.1 Condenser Cover (Skins)

The condenser section may be fitted with one of two different cover assemblies dependent upon the curvature of the bus roof. The assemblies available are identified as the 10 M radius cover and the 6.5 M radius cover.

3.2 Condenser/Evaporator Electrical Kit

The 68AC353 systems are available with either 24 Volt permanent magnet motors or 24 Volt brushless motors.

3.3 Condenser Refrigerant Kit

The 68AC353 condensers are all fitted with a condenser coil, a receiver with sight glasses and fusible plug, a charge isolation valve and interconnecting tubing.

3.4 Evaporator Cover (Skins)

The evaporator section may be fitted with one of two different cover assemblies dependent upon the curvature of the bus roof. The assemblies available are identified as the 10 M radius cover and the 6.5 M radius cover.

3.5 Evaporator Blower Kit

The 68AC353 evaporator kits are available with either 4 or 6 blowers, with either permanent magnet or brushless motors.

3.6 Evaporator Connection Kit S/D

The evaporator units are assembled to allow orientation of the connections for different mounting arrangements and may be supplied with various refrigerant piping layouts for specific applications.

3.7 Evaporator Connection Kit - Indash

The evaporator units are assembled to allow connections for various refrigerant piping layouts for remote evaporators.

3.8 Evaporator Connection Kit - Heating

The evaporator units are assembled to allow various engine coolant piping layouts for specific heating applications.

3.9 Air Exchange Kit

The unit will be fitted with a fresh air exchange assembly or an air exchange blank off plate. Fresh air exchange assemblies may be of the 25% or 50 % opening.

3.10 Controller Kit

The Micromax Controller operates the system through one of two relay boards and may be interrogated through the optional CAN +/- Data Communication Link.



4 ORDERING INSTRUCTIONS

All orders and inquiries for parts must include: Unit Serial Number, Part No., PID number, description of part as shown on list and quantity required. Parts can be ordered by going to the following Website:

www.mcc-hvac.com

5 GENERAL NOTES

To find replacement parts, determine major group in which replacement part is located. Consult table of contents for the appropriate page for the illustrated breakdown of the replacement part. If options are listed for the group in which the part is located, consult Table 1-2 to identify the option for your unit.

The following letter designations are used to classify parts throughout this list.

A/R *As Required*

NSA *Not Stock Assembly* - Order components listed under the assembly.

NSS *Not Sold Separately* - Order next higher assembly or kit.

P-- *Suffix P--* added to part number means part is available in packaged quantity only.

PL *Purchase Locally.*

SST *Stainless Steel* - 300 Series unless otherwise specified.

SV *Suffix SV* added to part number designates service replacement part.

NS *Not Shown* on illustration.


Table 1-1 Option Legend

OPTION	DESCRIPTION
1	Standard Cover (R10M)
2	Cover (R6.5M)
1	Condenser Electrical Kit - PM Motors
2	Condenser Electrical Kit - Brushless Motors
1	24 Volt With 4 Brushless Motors
2	24 Volt With 4 PM Motors
3	24 Volt With 6 Brushless Motors
4	24 Volt With 6 PM Motors
1	Standard Cover (R10M)
2	Cover (R6.5M)
3	Cover (R10M) With Spoiler
1	24 Volt With 6 Brushless Motors
2	24 Volt With 6 PM Motors
1	4 Row Coil Refrigeration Kit
2	5 Row Coil Refrigeration Kit
3	3 Row Coil Refrigeration Kit

OPTION	DESCRIPTION
1	Left - ORS
2	Right - ORS
3	Right - ORS With Out Front Box Connection
4	Right - ORS Suction Only
1	Right
2	Left
3	Left - Slave
1	0 to 50%
2	None
3	0 to 25%
1	Micromax With GR60 Relay Board (Right)
2	Micromax Relay Board With CAN DATA (Right)
3	Micromax Relay Board
4	Micromax Relay Board With CAN DATA (Left)
5	Micromax With GR60 Relay Board (Left)

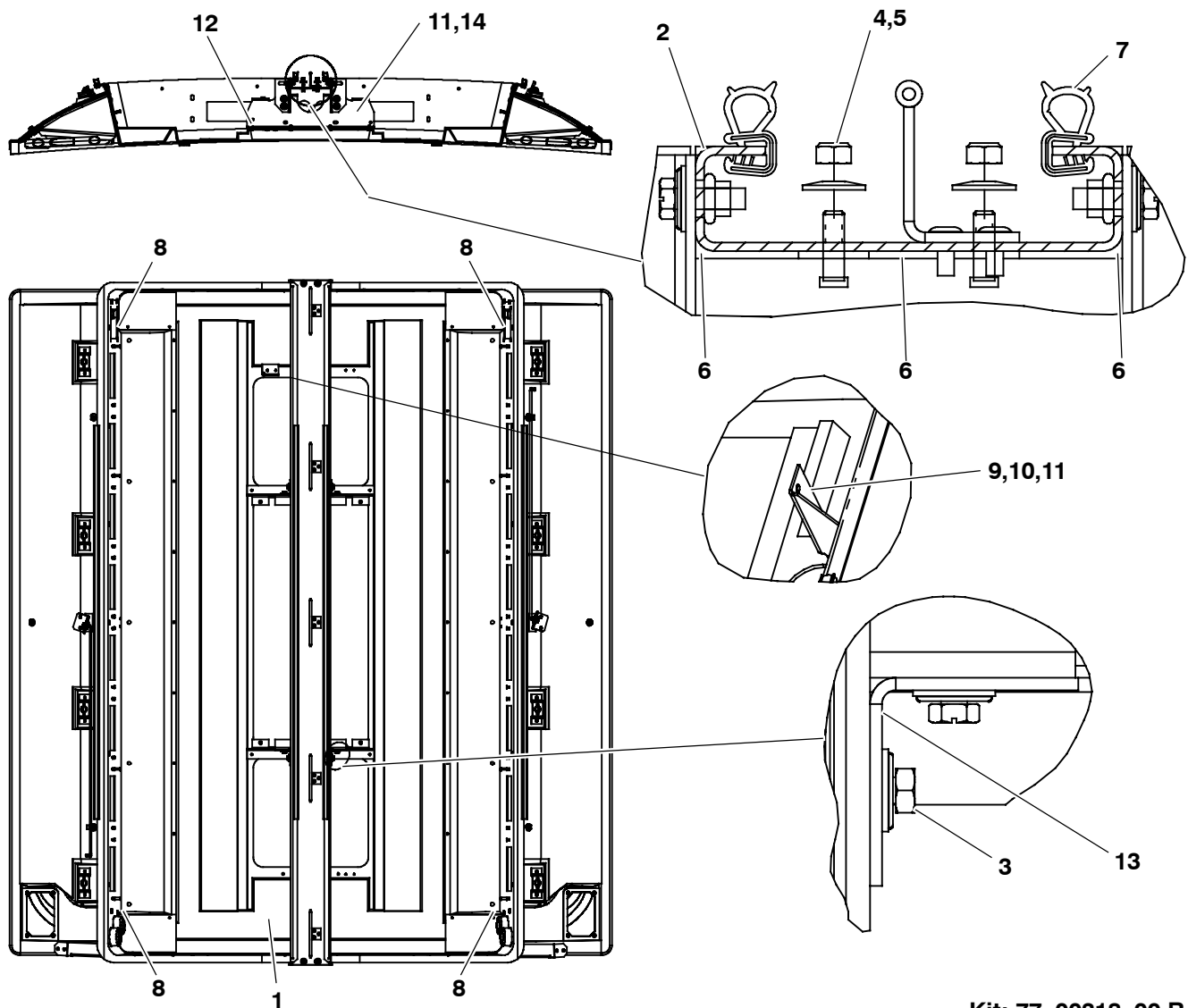
Table 1-2 Option Table

MODEL 68AC353	PID Condenser AC353C	PID Evaporator AC353E	Condenser Skins Kit	Condenser Electrical Kit	Condenser Fan Kit	Evaporator Skins Kit	Evaporator Blower Kit	Evaporator Connection Kit S/D	Evaporator Connection Kit In Dash	Evaporator Refrigeration Kit	Air Exchange Kit	Controller Kit	Compressor Kit 68PD541-124
-102	00001	00001	1	1	2	1	3	1	1	1	3	1	-
-102-1	00002	00002	1	2	1	1	1	1	1	1	3	2	-79
-102-2	00003	00003	1	2	3	1	1	2	2	1	3	3	-84
-102-3	00004	00004	1	2	3	1	1	2	2	1	3	4	-84
-102-4	00005	00005	1	1	2	1	3	2	2	1	3	5	-84
-102-5	00006	00006	1	1	4	1	3	2	2	1	3	5	-84
-102-6	00007	00007	1	2	1	1	1	2	2	1	3	4	-84
-102-7	00008	00008	1	2	1	1	1	2	2	1	3	3	-84
-102-8	-	00009	-	-	-	3	1	4	3	2	3	4	-



1 EVAPORATOR HOUSING KITS

1.1 Evaporator Housing Kit - Connected

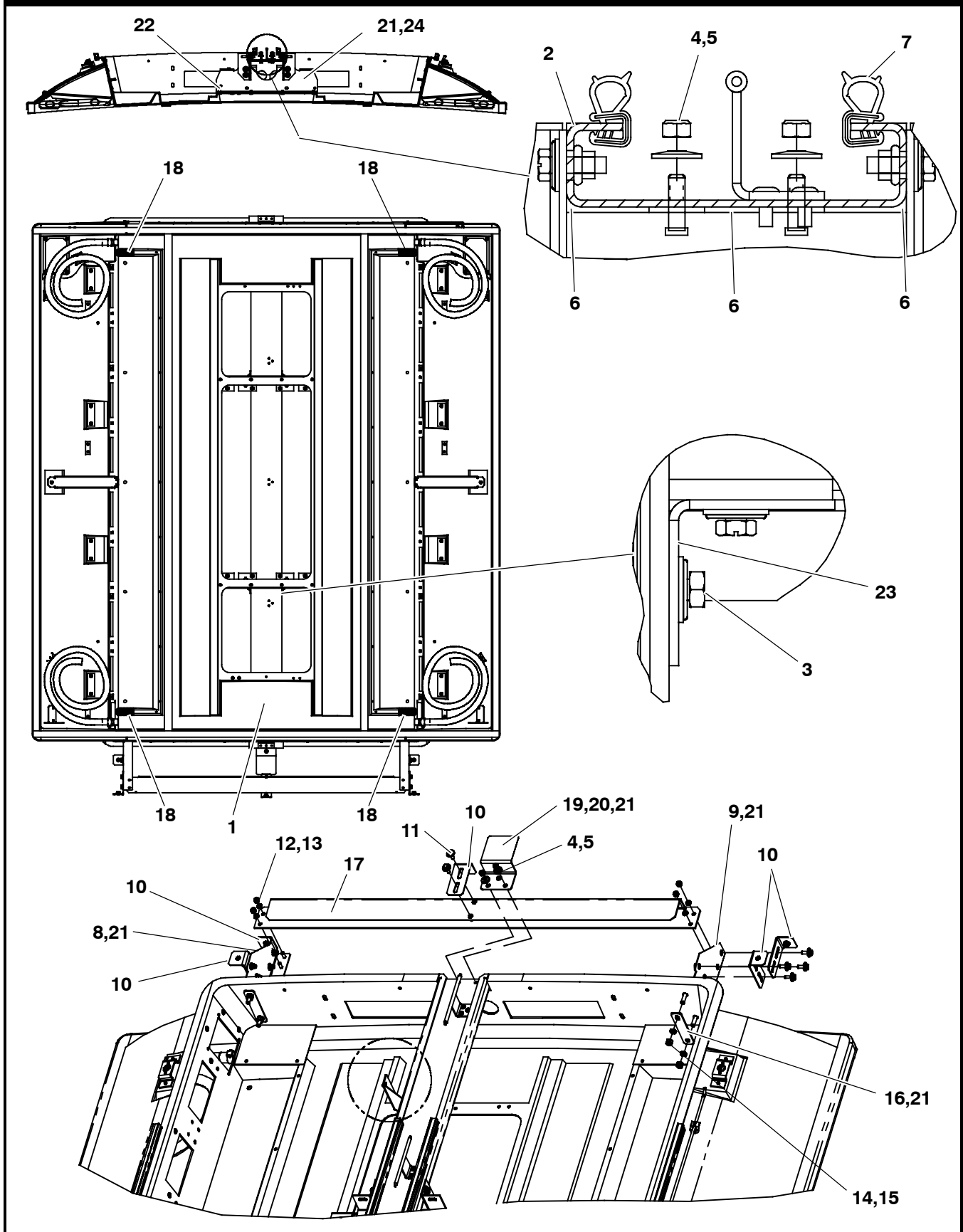


Kit: 77-00318-00 B

Item	Part Number	Description	Qty
1	79-62144-00	Housing Assembly, Evaporator, See Section 1.3	1
2	79-62145-00	Hinge Channel Assembly, Support, See Section 1.4	1
3	34-01266-20	Screw, Hex Head, Slotted, Sems, M6 x 20mm, Zinc	8
4	34-01184-06	Nut, Lock, Nylon Insert, M6, SST	4
5	34-60095-46	Washer, Lock M6 X 18mm O.D.	4
6	AC801-100	Permagum Cord	A/R
7	42-67040-01	Gasket	2
8	42-00221-42	Gasket Polyurethane	4
9	86-62590-00	Bracket, Valve Support	1
10	34-00928-14	Rivet, Blind, 0.187 Diameter, Grip Range 0.251 - 0.375, SST	2
11	02-62001-01	Sealant, Adhesive Caulk, White	A/R
12	34-00928-13	Rivet, Blind, 0.187 Diameter, Grip Range 0.126 to 0.250, SST	8
13	68-63896-00	Bracket, Control Panel Support	4
14	86-62597-00	Bracket Assembly, Control Panel Support	2



1.2 Evaporator Housing Kit - With Spoiler

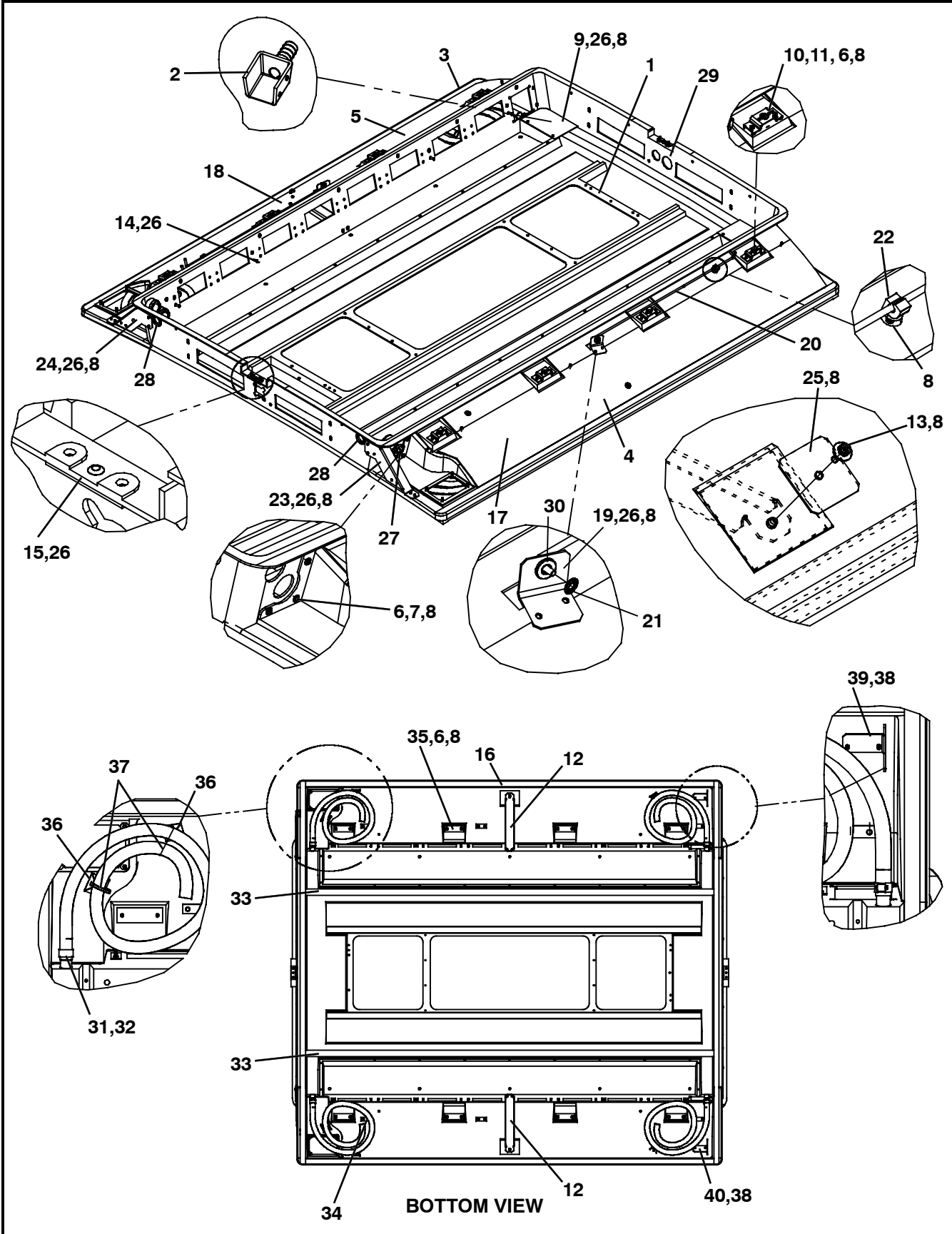




1.2 Evaporator Housing Kit - With Spoiler (Continued)			
Item	Part Number	Description	Qty
1	79-62144-00	Housing Assembly, Evaporator, See Section 1.3	1
2	79-62145-00	Hinge Channel Assembly, Support, See Section 1.4	1
3	34-01266-20	Screw, Hex Head, Slotted, Sems, M6 x 20mm, Zinc	8
4	34-01184-06	Nut, Lock, Nylon Insert, M6, SST	4
5	34-60095-46	Washer, Lock M6 X 18mm O.D.	4
6	AC801-100	Permagum Cord	A/R
7	42-67040-01	Gasket	2
8	86-62580-00	Bracket, Mounting, Spoiler	1
9	86-62580-01	Bracket, Mounting, Spoiler	1
10	67-62027-00	Bracket, Spoiler Mount	5
11	34-60068-20	Screw, Hex Head, SEMS, M6 X 20mm Long, SST	15
12	34-01146-06	Washer, Lock, M6, SST	4
13	34-01145-04	Nut, Hex M6	4
14	34-01146-08	Washer, Lock M8 Spring	4
15	34-01145-06	Nut, Hex M8	4
16	68-63870-00	Bracket, Mounting (Aluminum)	2
17	67-62028-00	Bracket, Mounting, Spoiler Mount	1
18	42-00221-42	Gasket Polyurethane	4
19	42-67054-00	Gasket	1
20	67-62029-00	Bracket, Mounting, Spoiler	1
21	02-62001-01	Sealant, Adhesive Caulk, White	A/R
22	34-00928-13	Rivet, Blind, 0.187 Diameter, Grip Range 0.126 to 0.250, SST	8
23	68-63896-00	Bracket, Control Panel Support	4
24	86-62597-00	Bracket Assembly, Control Panel Support	2



1.3 Evaporator Housing Assembly

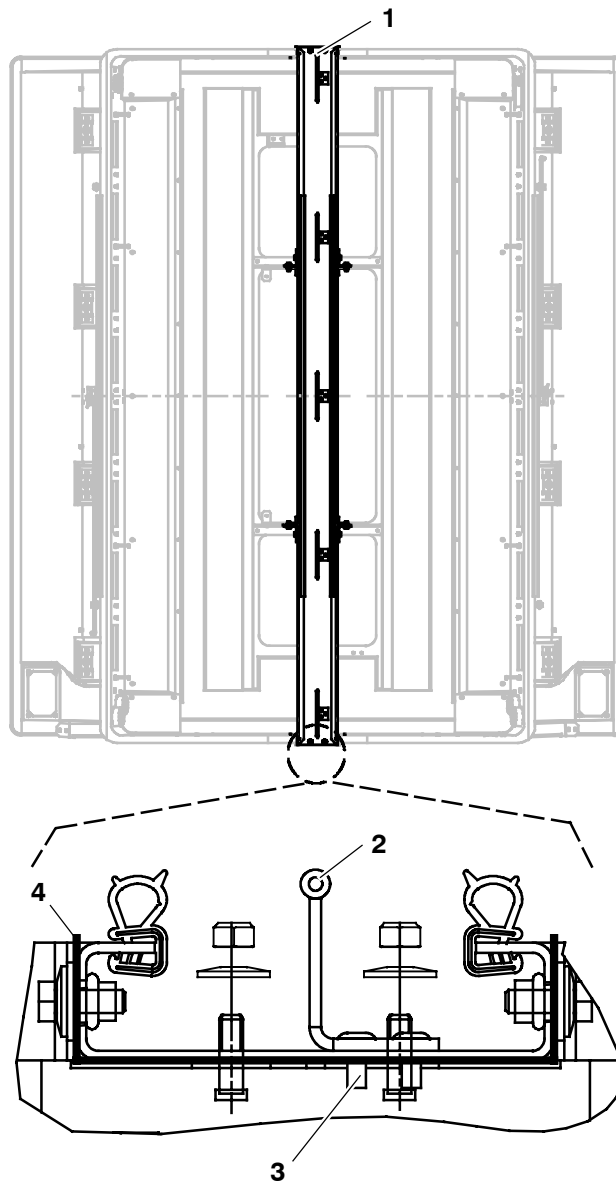




1.3 Evaporator Housing Assembly (Continued)			
Item	Part Number	Description	Qty
1	79-62146-00	Housing Assembly - Includes:	1
2	58-67042-00	Drain Water	4
3	58-62234-00	Housing, Evaporator	1
4	58-62235-00	Air Duct, Evaporator	1
5	58-62235-01	Air Duct, Evaporator	1
6	34-67010-02	Rivet, Closed Diameter, 4.8 X 12.5	22
7	34-67027-01	Washer, Flat 3.3 X 12 X 1	22
8	02-00067-00	Sealant, Adhesive Caulk, White	A/R
9	68-67129-00	Plate	4
10	34-67022-00	Receptacle, Locking Plate	8
11	68-67151-00	Bracket, Mount (Aluminum)	8
12	67-67114-00	Bracket, Mount (Aluminum)	2
13	68-67201-00	Plate (Aluminum)	2
14	67-67013-00	Support Assembly, Blower, M6 SST, Standard	8
15	67-67155-00	Support, Plate (Aluminum)	2
16	42-67021-01	Gasket	1
17	42-67029-00	Insulation, Air Duct	1
18	42-67029-01	Insulation, Air Duct	1
19	68-67258-00	Bracket, Support (Aluminum)	2
20	73-67012-00	Rod, Support, 6mm Diameter (SST)	2
21	44-67007-02	Washer, Clip	2
22	44-67014-00	Clip, 6-8mm Diameter	2
23	68-67143-00	Support, Base (Aluminum)	1
24	68-67143-01	Support, Base (Aluminum)	1
25	34-60068-20	Screw, Hex Head, SEMS, M6 X 20mm Long, SST	2
6	34-67010-02	Rivet, Closed Diameter, 4.8 X 12.5	22
26	34-67010-01	Rivet, Closed Diameter, 4.8 X 9.5	34
27	58-60298-05	Grommet	4
28	58-60302-06	Grommet, 2.0mm x 29.0mm x 37.0mm	2
29	58-60302-07	Grommet, Neoprene	1
30	58-60302-01	Grommet	2
31	58-67076-02	Hose, Drain	4
32	44-00045-28	Clamp, Hose, Worm Type (0.69-1.25)	4
33	42-67009-06	Gasket	2
34	67-67263-00	Bracket (Aluminum)	4
35	67-67013-01	Support Assembly, Blower, M6 Diameter Stud x 25mm	6
8	02-00067-00	Sealant, Adhesive Caulk, White	A/R
36	44-67012-00	Mount, Wire Tie Adhesive Backed	6
37	44-60024-09	Sta-Strap 0-1.97" Cable	8
38	34-00928-13	Rivet, Blind, 0.187 Diameter, Grip Range 0.126 to 0.250, SST	12
39	68-67149-01	Bracket (Aluminum)	1
40	68-67149-00	Bracket (Aluminum)	1



1.4 Evaporator Housing Hinge Support Assembly

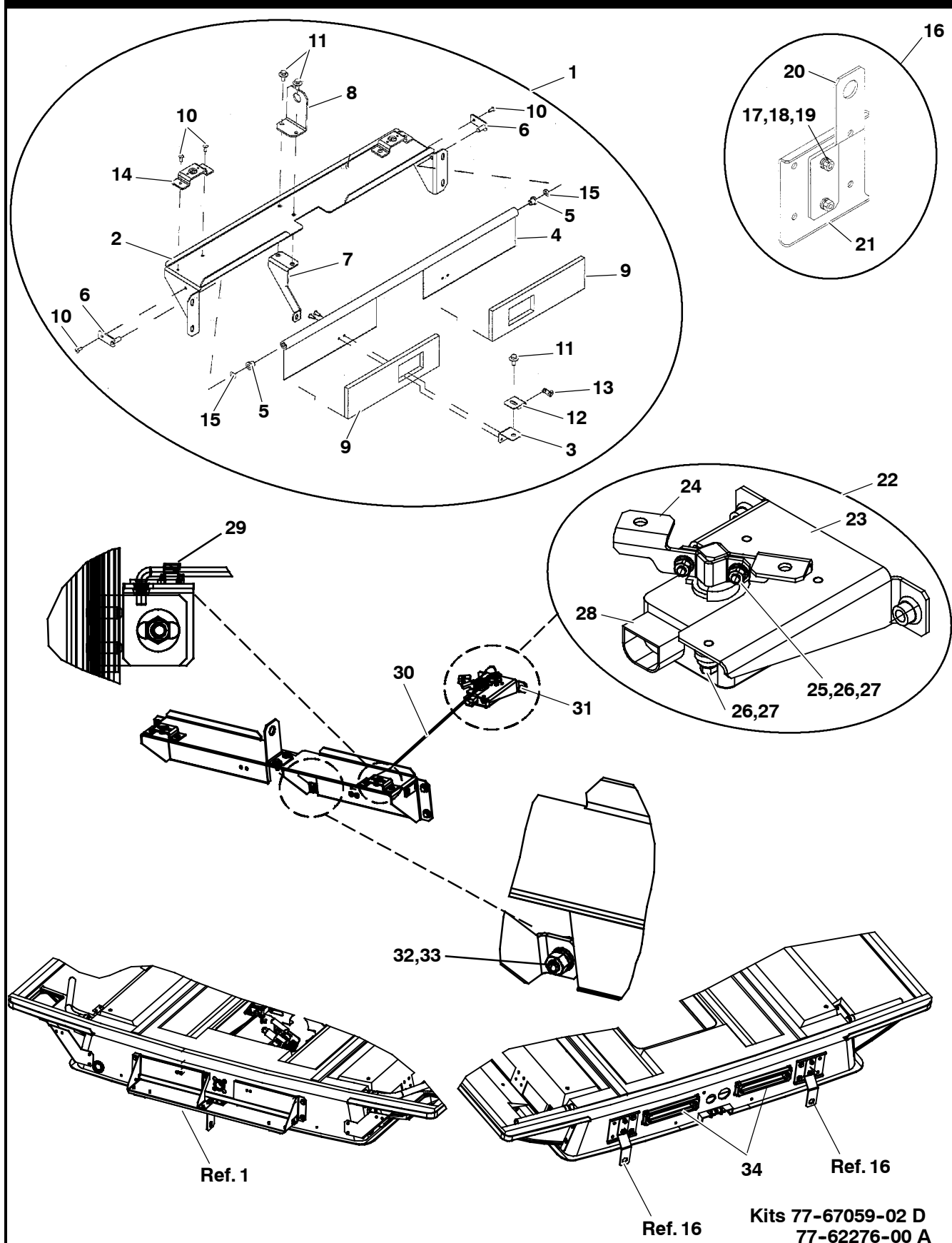


Kit 77-62145-00 A

Item	Part Number	Description	Qty
-	79-67055-00	Hinge Assembly, Support - Includes:	1
1	67-67110-00	Support, Center	1
2	86-67036-00	Hinge Double Pin	5
3	34-67010-02	Rivet, Closed Diameter, 4.8 X 12.5	15
4	02-62001-20	Sealant, Adhesive Caulk, Black	A/R



2 EVAPORATOR AIR EXCHANGE KITS



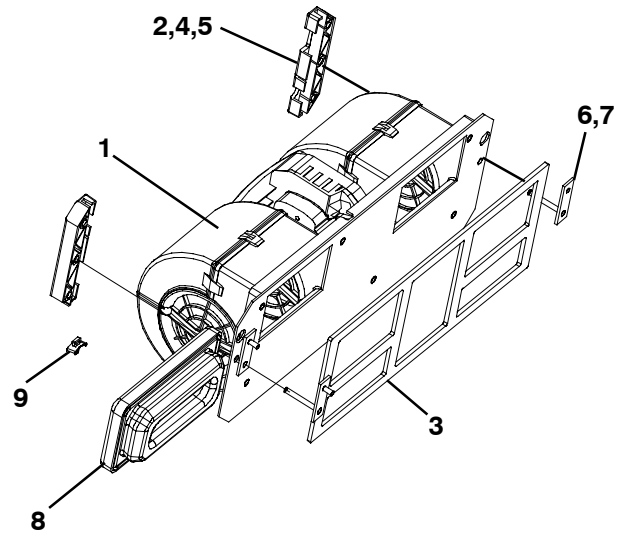
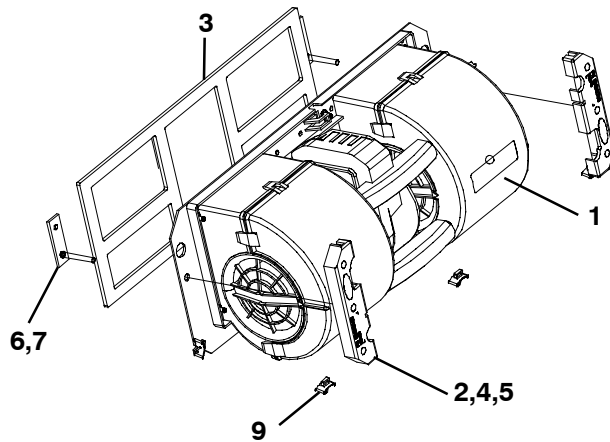
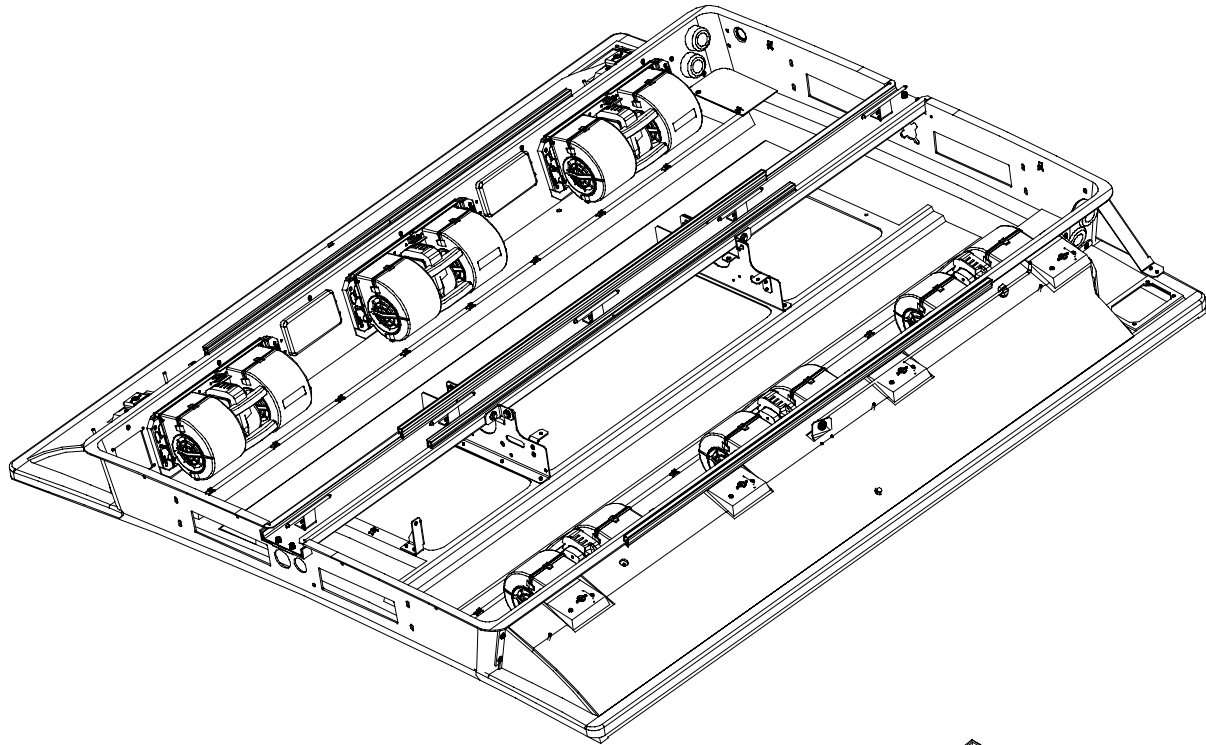


2 EVAPORATOR AIR EXCHANGE KITS (Continued)			
Item	Part Number	Description	Qty
1	79-67063-00	Air Inlet Assembly, Rear, 50% Fresh Air - Includes:	1
2	68-67139-00	Bracket, Air Inlet	1
3	67-67262-00	Bracket, Angle Support	1
4	68-67150-00	Baffle, Air Inlet	1
5	04-67004-00	Bearing, Baffle, Air Inlet	2
6	86-67034-00	Hinge Assembly, Baffle	2
7	67-67121-00	Bracket, Baffle	1
8	68-67140-00	Bracket, Baffle	1
9	42-67004-02	Insulation, Baffle, Adhesive Backed, Black	2
10	34-00774-09	Rivet, Blind, 0.188 Diameter, Grip Range: 0.059 - 0.256	6
11	34-01266-20	Screw, Hex Head, Slotted, Sems, M6 x 20mm Long, Zinc	3
12	68-67272-00	Angle, Support	1
13	44-67008-00	Clip, Linkage Rod	1
14	34-67022-00	Receptacle, Locking Plate	2
15	34-67023-05	Washer, Lock, Curved Spring, M8, SST	2
16	79-67063-03	Air Inlet Assembly, Front Frame, 0% Fresh Air - Includes:	2
17	34-01145-04	Nut, Hex, M6, SST	2
18	34-00146-06	Washer, Lock, M6, SST	2
19	34-01151-06	Washer, Flat, M6, SST	2
20	68-67136-00	Bracket, Frame	1
21	67-67255-00	Bracket, Frame	1
22	79-67073-00	Motor Assembly, Air Inlet, Standard - Includes:	1
23	67-67141-00	Bracket, Mounting, Motor Assembly	1
24	68-67178-00	Bracket, Linkage Rod	2
25	34-01197-10	Screw, Hex Head, M4 x 10mm Long, SST	2
26	34-01151-04	Washer, Flat, M4, SST	7
27	34-01184-04	Nut, Lock, Nylon Insert, M4, SST	5
28	54-00595-00	Motor, Air Inlet, Permanent Magnet, 24VDC	1
29	44-67008-00	Clip, Linkage Rod	2
30	73-67008-00	Rod, Linkage, 4.0mm Diameter, SST	1
31	34-01266-20	Screw, Hex Head Slotted, Sems, M6 x 20mm Long, Zinc	11
32	34-60095-46	Washer, Lock, M6, Zinc	1
33	34-01184-06	Nut, Lock, Nylon Insert, M6, SST	1
34	58-67062-00	Gasket, Air Inlet	2



3 EVAPORATOR BLOWER KITS

3.1 Evaporator Blower Kit, (6) Permanent Magnet Motors

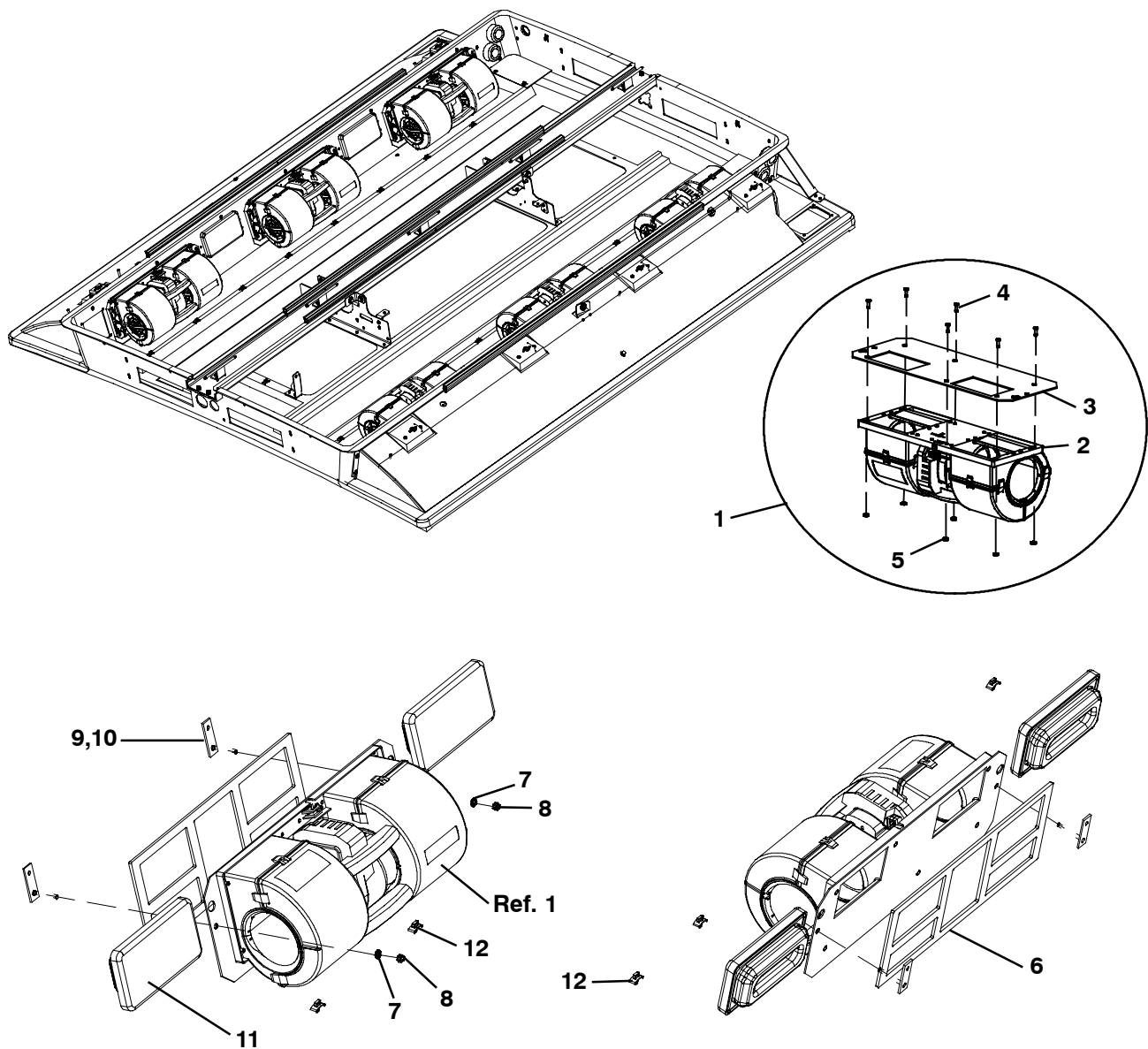


Kit 77-62256-09 A

Item	Part Number	Description	Qty
1	54-00584-03	Blower/Motor Assembly, Permanent Magnet, 24VDC	6
2	58-67012-00	Bracket, Blower Mounting	12
3	42-01269-00	Gasket, Blower/Motor Assembly, Adhesive Backed	6
4	34-00662-11	Washer, Flat, 1/4 Inch, SST	12
5	34-01184-06	Nut, Lock, Nylon Insert, M6, SST	12
6	67-67013-00	Support Assembly, Blower, M6 SST, Standard	4
7	34-67010-02	Rivet, Closed, 0.188 Diameter, Grip Range: 0.256 - 0.315	4
8	58-67062-01	Gasket, Blower Opening	4
9	58-04315-00	Base, Mounting, Winged Cable Tie	23



3.2 Evaporator Blower Kit, (6) Brushless Motors

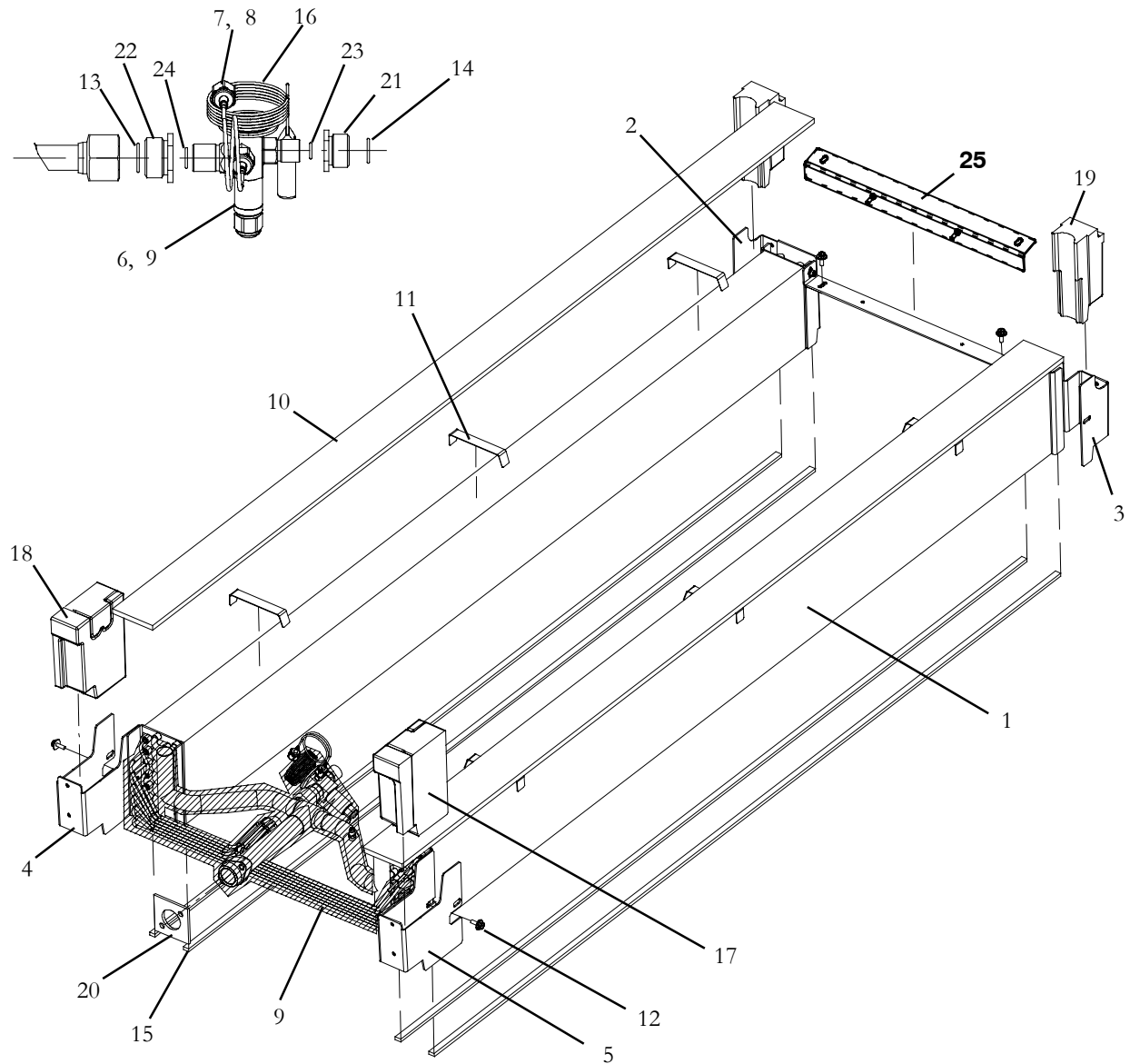


Kit 77-62256-01 B

Item	Part Number	Description	Qty
1	79-62139-00	Blower/Motor Assembly, Brushless With Plate, 24VDC - Includes:	6
2	54-00627-02	Blower Assembly, 24VDC 3830 RPM	1
3	68-67097-00	Plate 2.0mm Thick Aluminum	1
4	34-00999-04	Rivet, Csk Head 0.156 Diameter, Grip Range 0.188 - 0.250	6
5	34-01151-04	Washer, Flat M4	6
6	42-62161-00	Gasket, Blower/Motor Assembly, Adhesive Backed	6
7	34-00944-06	Washer, Flat, M6, Steel	12
8	34-00946-06	Nut, Hex, M6 X 1, Steel	12
9	67-67013-00	Support Assembly, Blower, 2.5mm Thick, Aluminum.	12
10	34-67010-02	Rivet, Closed, 0.188 Diameter, Grip Range 0.256 - 0.315	12
11	58-67062-01	Gasket, Blower Opening	4
12	58-04315-00	Base, Mounting, 0.250 Diameter Mounting. Hole, Nylon	23



4 EVAPORATOR COIL KIT - 4 ROW



Kits 77-67058-00 H
77-00324-05 C

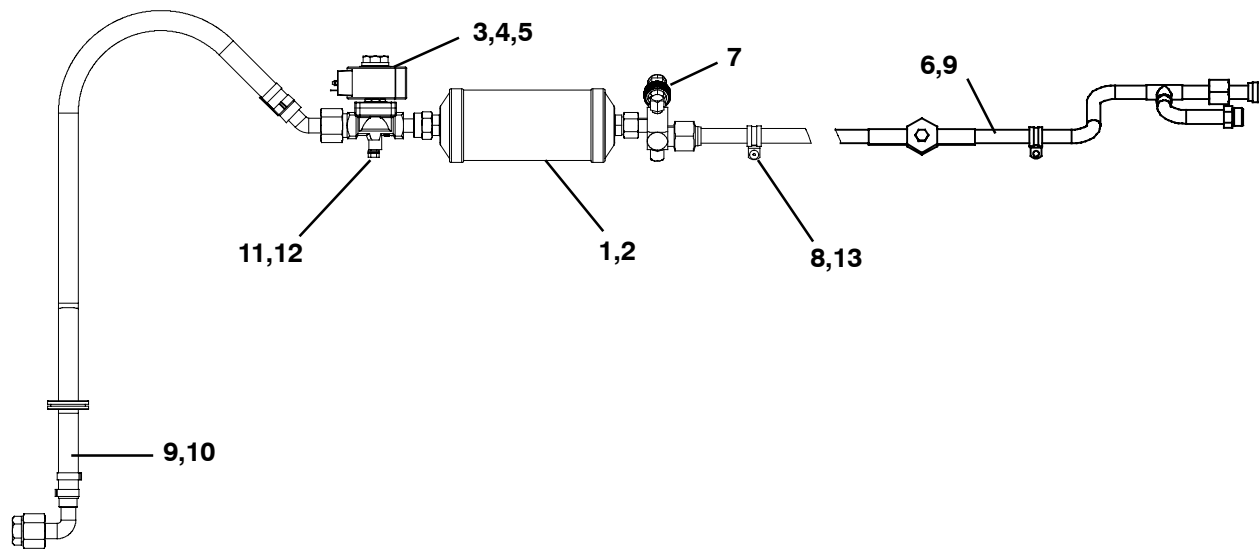
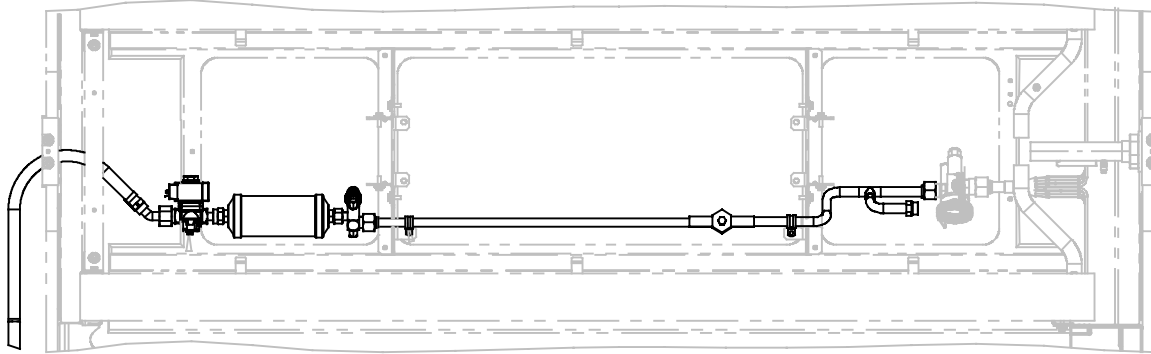
Item	Part Number	Description	Qty
1	08-67022-00	Coil Assembly, Evaporator, 4 Rows	1
2	67-67112-00	Bracket, Coil Support, Right	1
3	67-67112-01	Bracket, Coil Support, Left	1
4	67-67113-00	Bracket, Coil Support, Right	1
5	67-67113-01	Bracket, Coil Support, Left	1



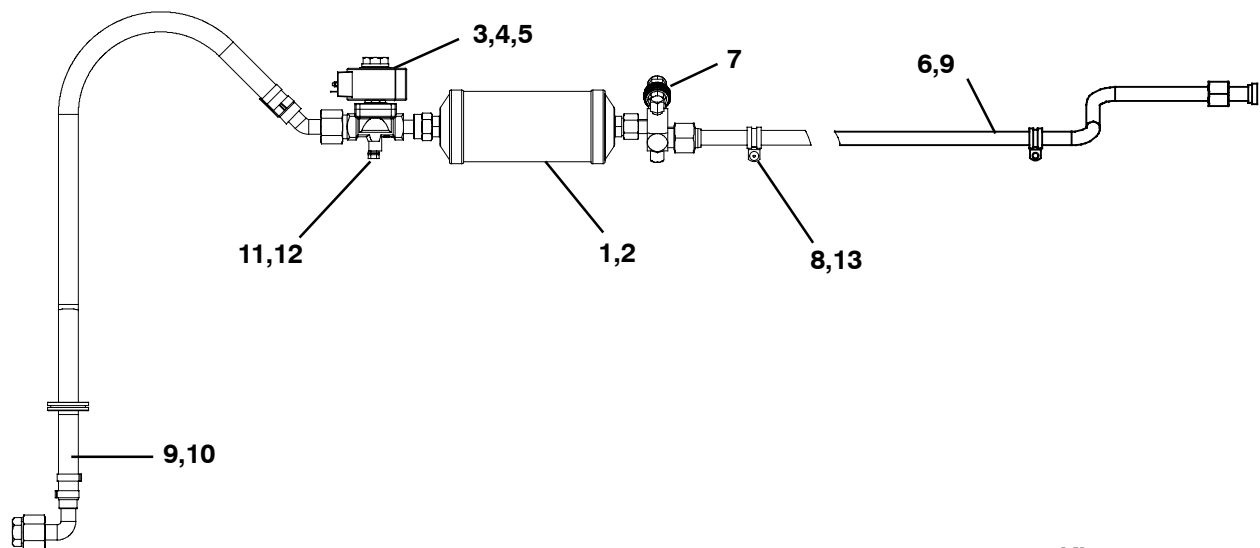
4 EVAPORATOR COIL KIT - 4 ROW (Continued)			
Item	Part Number	Description	Qty
6	14-00344-03	Valve, Expansion, TXV, 5/8 ODF Inlet x 3/4 ODF Outlet, 51 KW (R-134a)	1
7	56-62187-00	Tube Assembly, Equalizer	1
8	42-67034-00	Seal, Ring, 1/4 Flare, Copper	2
9	42-00032-00	Tape, Insulation, Presstite, 2.00 x 30.00 Feet Long	1
10	42-62041-12	Insulation, Evaporator, 0.38 Thick x 3.50 x 74.80 Inches Long, Black	2
11	68-67260-01	Bracket, Filter, 4 Row Evaporator	6
12	34-01266-20	Screw, Hex Head, Slotted, Sems, M6 x 20mm Long, Zinc	4
13	42-00243-11	O-Ring, 0.739 ID x 0.070 Thick	1
14	42-00243-03	O-Ring, 0.614 ID x 0.070 Thick	1
15	AC801-401	Gasket, Adhesive Backed, 0.19 x 0.38 x 50 Feet Roll, Black	1
16	58-00079-02	Sta-Strap, 0-1.75 Inch, Diameter Cable, Nylon	2
17	58-67080-01	Gasket, Right	1
18	58-67080-02	Gasket, Left	1
19	58-67080-00	Gasket, Left and Right	2
20	42-67054-00	Gasket	1
21	40-67182-00	Adapter, ORFS, #10 Male - #6 Female	1
22	40-67182-01	Adapter, ORFS, #12 Male - #8 Female	1
23	42-00243-09	O-Ring, 0.38 ID x 0.50 OD, Neoprene	1
24	42-00243-04	O-Ring, 0.50 ID x 0.62 OD, Neoprene	1
25	67-62044-00	Bracket, Coil Support (Used With 77-00324-05 Kits Only)	1



5 EVAPORATOR INTERNAL CONNECTION KIT (LONG LIQUID LINE)



Kit 77-62264-03 C



Kit 77-62264-05 C

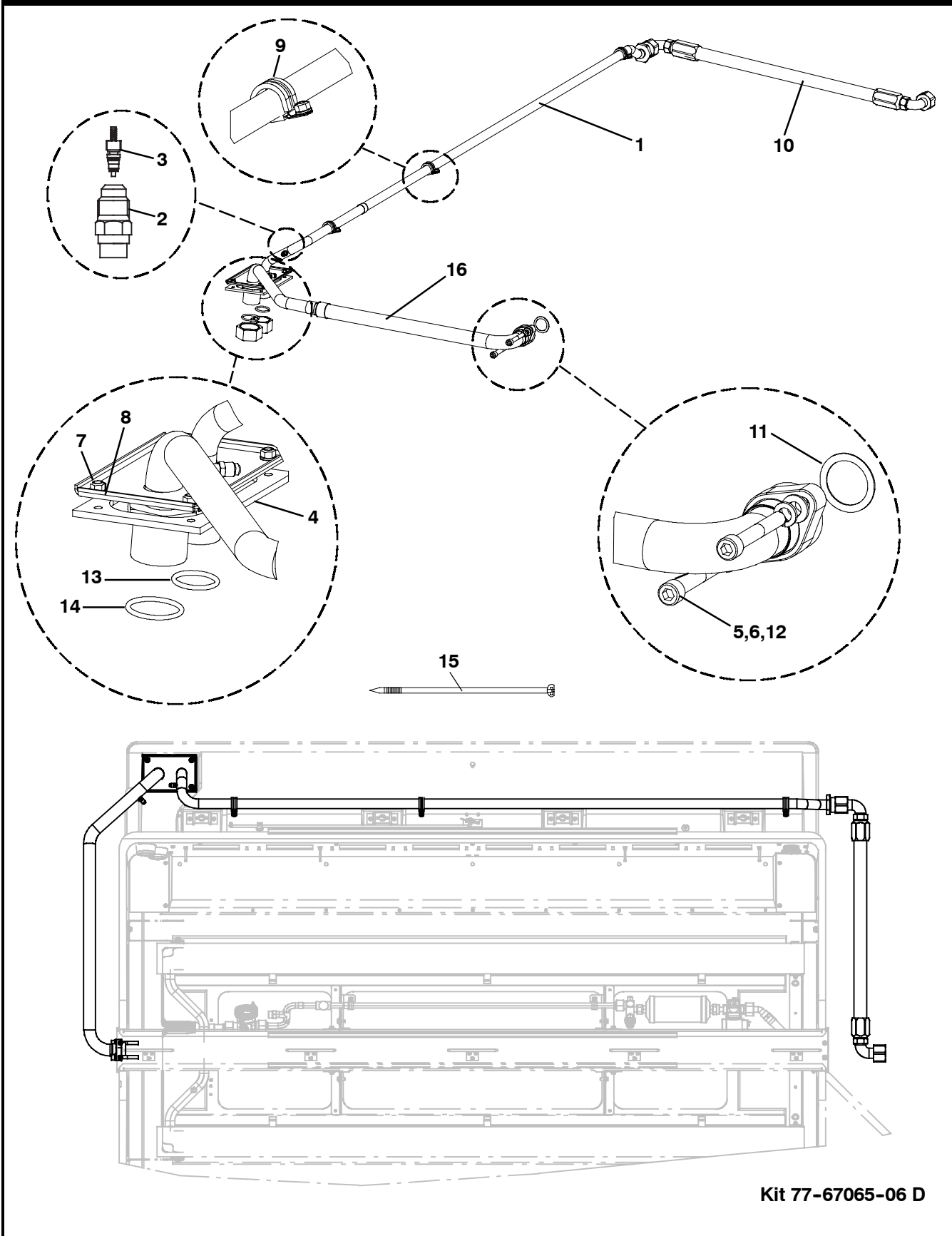


5 EVAPORATOR INTERNAL CONNECTION KIT (LONG LIQUID LINE) (Continued)			
Item	Part Number	Description	Qty
1	14-00326-05	Drier, Filter, 1/2 ORS - Includes:	1
2	42-00243-04	O-Ring, 0.489 ID x 0.070 Thick	2
3	14-00246-01	Valve, Solenoid, 1/2 ORFS Outlet x 5/8 ORFS Inlet, Brass - Includes:	1
4	14-00246-10	Repair Kit, Valve	1
5	22-60268-02	Coil, Solenoid, 24VDC	1
6	81-62176-00	Tubing Assembly, Liquid Line	1
	81-62185-00	Tubing Assembly, Liquid Line (Model 68AC353-102-8 Only)	
7	14-00343-01	Valve, Service, 1/2 ORSF Inlet x 5/8 ORSF Outlet	1
8	34-00373-07	Clamp, Tube, .62 Diameter Cushion, SST	2
9	42-00243-03	O-Ring, 0.62 ID x 0.75 OD, Neoprene	4
10	58-62231-02	Hose Assembly, Refrigerant, Liquid	1
11	34-01152-12	Screw, Hex Head, M6 x 12mm Long, SST	1
12	34-60095-46	Washer, Lock, M6 x 18mm O.D., SST	1
13	34-00774-10	Rivet, Blind, 0.189 Diameter, Grip Range: 0.157 - 0.433, Aluminum	2



6 EVAPORATOR CONNECTION KIT SUCTION/DISCHARGE

6.1 Evaporator Connection Kit S/D (Left ORS With Front Box Connection)

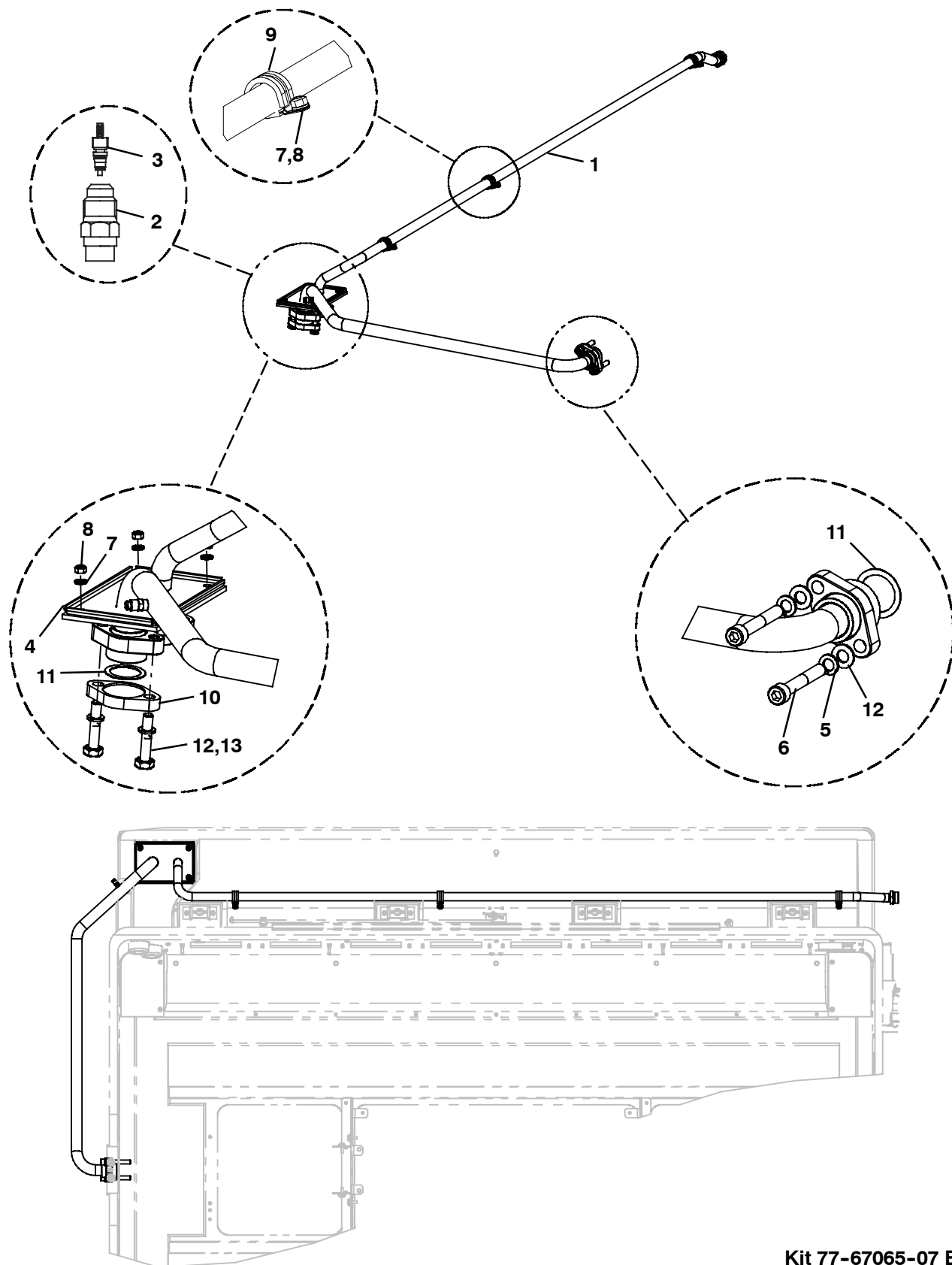




6.1 Evaporator Connection Kit S/D (Left ORS With Front Box Connection) (Continued)			
Item	Part Number	Description	Qty
1	81-02674-00	Tube Assembly, Left ORSF - Includes:	1
2	40-60159-01	Fitting Assembly, Valve, Schrader, 1/4 Flare, Brass - Includes:	3
3	14-00351-00	Core, Valve, Access (Nickel Plated)	1
4	02-62001-00	Sealant, Black Adhesive Caulk	1
5	34-00945-10	Washer, Lock, 10 WL, Steel	2
6	34-06062-70	Screw, Cap, Socket Head, M10 x 70mm Long, SST	2
7	34-60095-46	Washer, Lock, M6 x 18mm O.D., SST	7
8	34-01184-06	Nut, Lock, M6, Nylock, SST	7
9	34-00373-61	Clamp, Tube, 0.88 Diameter, Cushion, SST	3
10	58-01397-00	Hose Assembly, Refrigerant	1
11	42-67043-00	Gasket, 42 x 32 x 1	1
12	34-01151-10	Washer, Flat, M10, SST	2
13	42-00243-01	O-Ring, 1.19 ID x 1.44 OD, Neoprene	1
14	42-00243-00	O-Ring, 0.94 ID x 1.19 OD, Neoprene	2
15	58-00079-02	Sta-Strap, 0-1.75 Inches Diameter Cable, Nylon	3
16	81-02681-00	Tube Assembly, Flange Left ORFS	1



6.2 Evaporator Connection Kit S/D (Left ORS With-out Front Box Connection)

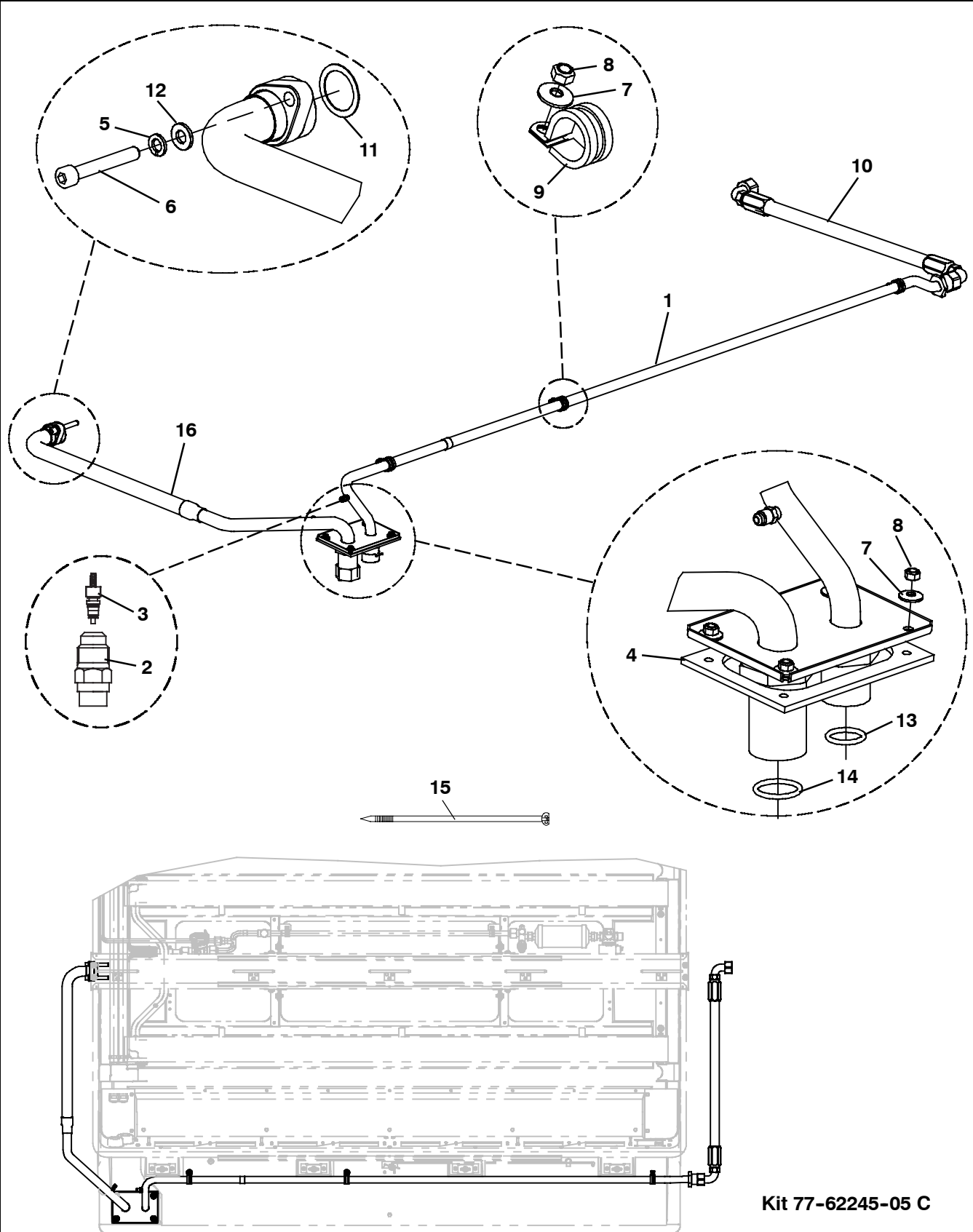


Kit 77-67065-07 E



6.2 Evaporator Connection Kit S/D (Left ORS With-out Front Box Connection) (Continued)			
Item	Part Number	Description	Qty
1	81-67106-02	Tube Assembly, Left 22/28 - Includes:	1
2	40-60159-01	Fitting Assembly, Valve, Schrader, 1/4 Flare, Brass - Includes:	1
3	14-00351-00	Core, Access Valve (Nickel Plated)	1
4	42-67028-00	Gasket 158 x 110 x 5	1
5	34-01146-10	Washer, Lock M10 Spring	2
6	34-06062-70	Screw, Cap Socket-head M10 x 70 (2.756)	2
7	34-01151-06	Washer, Flat, M6, SST	7
8	34-01184-06	Nut, Lock, Nylon Insert, M6, SST	7
9	34-00373-65	Clamp,Tube 1.12 Diameter Cushion	3
10	48-67002-00	Flange,Tube 12.0mm Thick Steel	1
11	42-67043-00	Gasket 42 x 32 x 1	2
12	34-01151-10	Washer,Flat M10	4
13	34-00873-50	Screw, Cap Hex-head M10 X 50mm	2

6.3 Evaporator Connection Kit S/D (Right ORS With-out Front Box Connection)

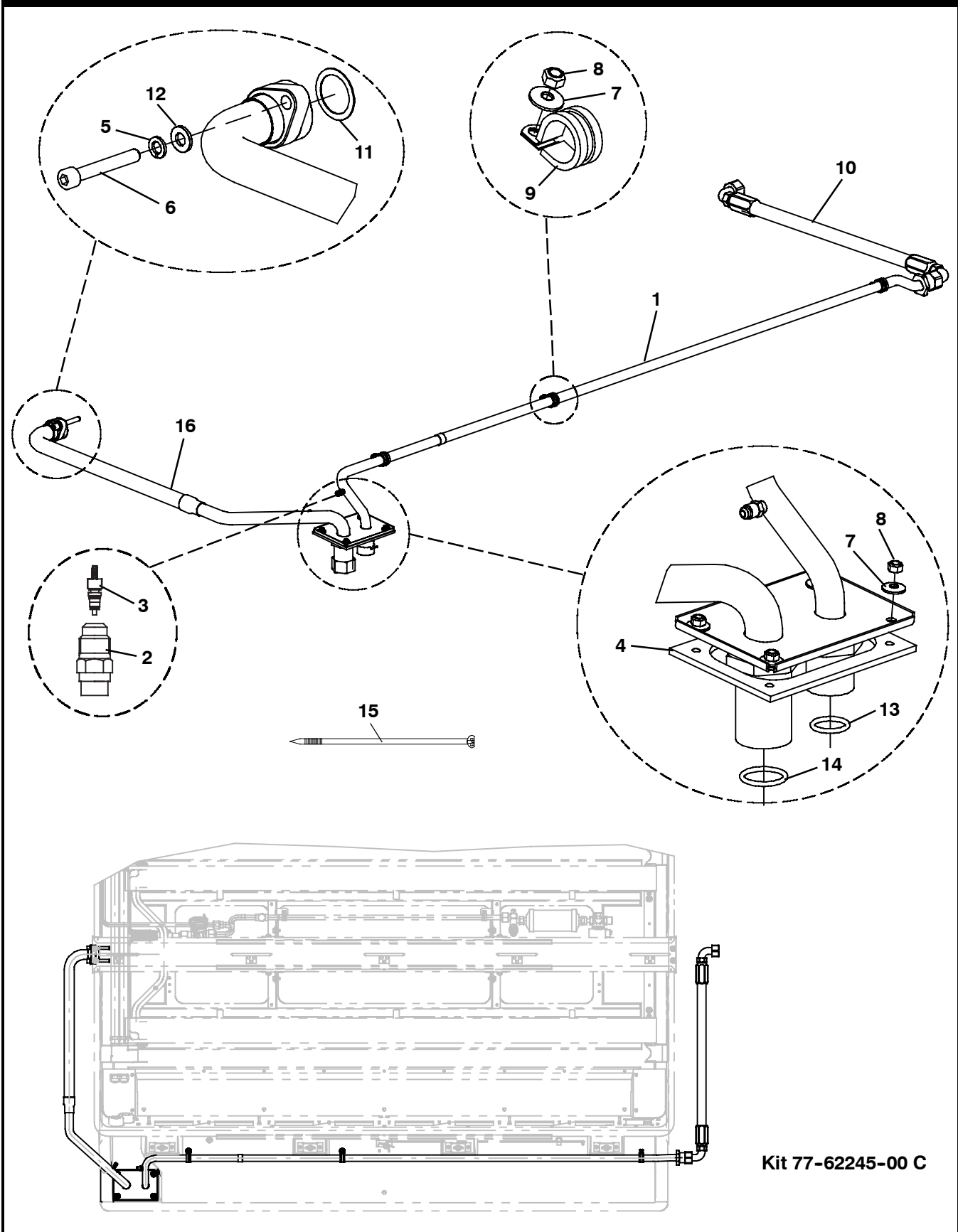




6.3 Evaporator Connection Kit S/D (Right ORS With-out Front Box Connection) (Continued)			
Item	Part Number	Description	Qty
1	81-02674-04	Tube Assembly, Suction and Discharge, Artic - Includes:	1
2	40-01124-00	Body, Valve, Schrader, Brass, 1/4 SAE Flare	1
3	14-00351-00	Core, Valve, Access (Nickel Plated)	1
4	02-62001-01	Sealant, Adhesive Caulk, White	A/R
5	34-00945-10	Washer, Lock, M10, Spring Steel	2
6	34-06062-70	Screw, Cap, Socket Head, M10 x 70mm Long, SST	2
7	34-60095-46	Washer, Lock, M6 x 18mm O.D., SST	7
8	34-01184-06	Nut, Lock, M6, Nylock, SST	7
9	34-00373-15	Clamp, Tube, 1.12 Diameter, Cushion, SST	3
10	58-62231-03	Hose Assembly, Refrigerant	1
11	42-67043-00	Gasket, 42 x 32 x 1	1
12	34-01151-10	Washer, Flat, M10, SST	2
13	42-00243-02	O-Ring, 1.484 ID x 0.139 Thick	1
14	42-00243-01	O-Ring, 1.171 ID x 0.139 Thick	1
15	58-00079-02	Sta-Strap, 0-1.75 Inches Diameter Cable, Nylon	3
16	81-02681-01	Flange Assembly, Suction	1



6.4 Evaporator Connection Kit S/D (Right ORS)

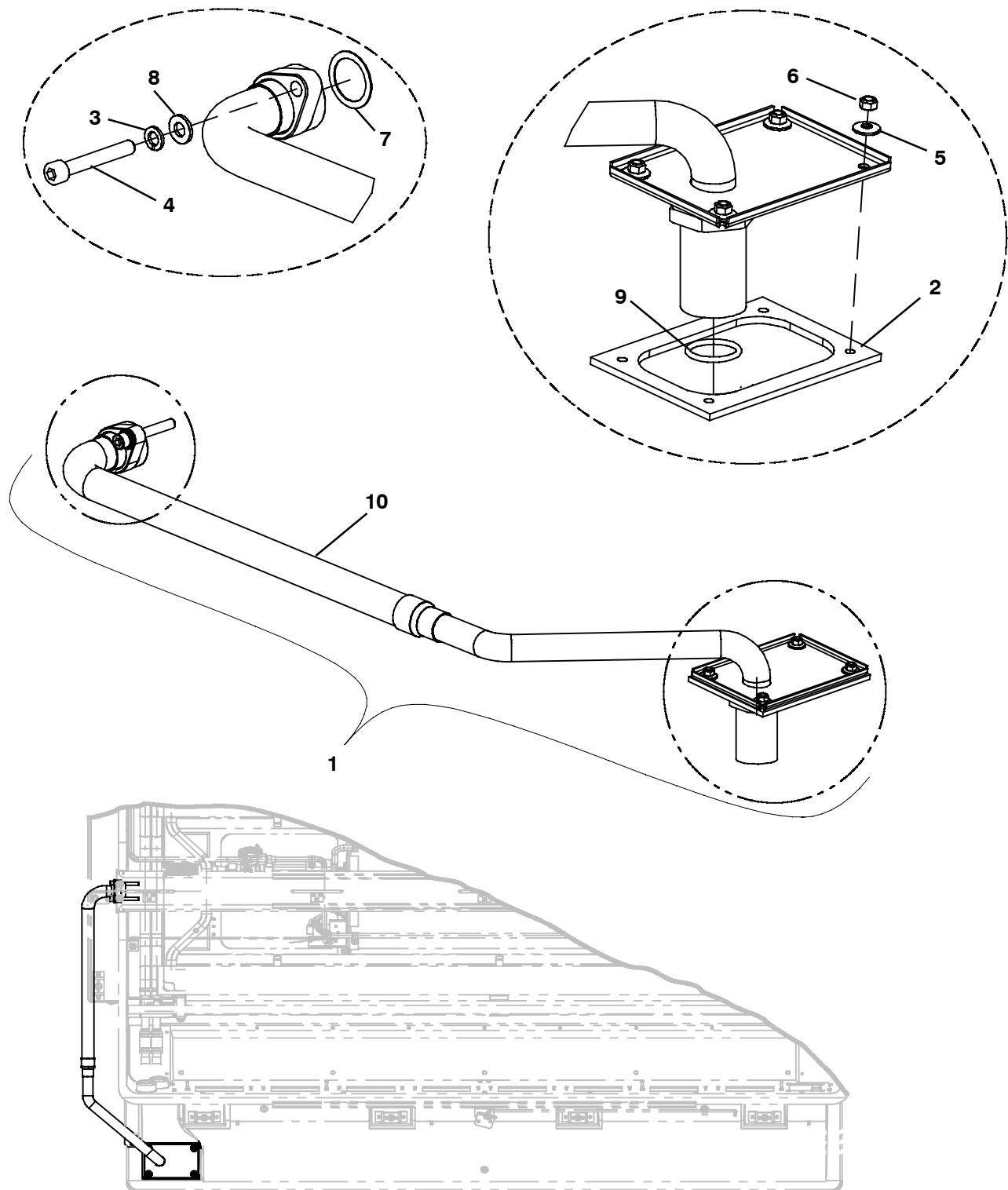




6.4 Evaporator Connection Kit S/D (Right ORS) (Continued)			
Item	Part Number	Description	Qty
1	81-02674-01	Tube Assembly, Left ORSF - Includes:	1
2	40-60159-01	Fitting Assembly, Valve, Schrader, 1/4 Flare, Brass - Includes:	3
3	14-00351-00	Core, Valve, Access (Nickel Plated)	1
4	02-62001-00	Sealant, Black Adhesive Caulk	1
5	34-00945-10	Washer, Lock, 10 WL, Steel	2
6	34-06062-70	Screw, Cap, Socket Head, M10 x 70mm Long, SST	2
7	34-60095-46	Washer, Lock, M6 x 18mm O.D., SST	7
8	34-01184-06	Nut, Lock, M6, Nylock, SST	7
9	34-00373-61	Clamp, Tube, 0.88 Diameter, Cushion, SST	3
10	58-62231-03	Hose Assembly, Refrigerant	1
11	42-67043-00	Gasket, 42 x 32 x 1	1
12	34-01151-10	Washer, Flat, M10, SST	2
13	42-00243-01	O-Ring, 1.19 ID x 1.44 OD, Neoprene	1
14	42-00243-00	O-Ring, 0.94 ID x 1.19 OD, Neoprene	2
15	58-00079-02	Sta-Strap, 0-1.75 Inches Diameter Cable, Nylon	3
16	81-02681-00	Tube Assembly, Flange Left ORFS	1



6.5 Evaporator Connection Kit Suction and Discharge



Kit 77-62245-04 C

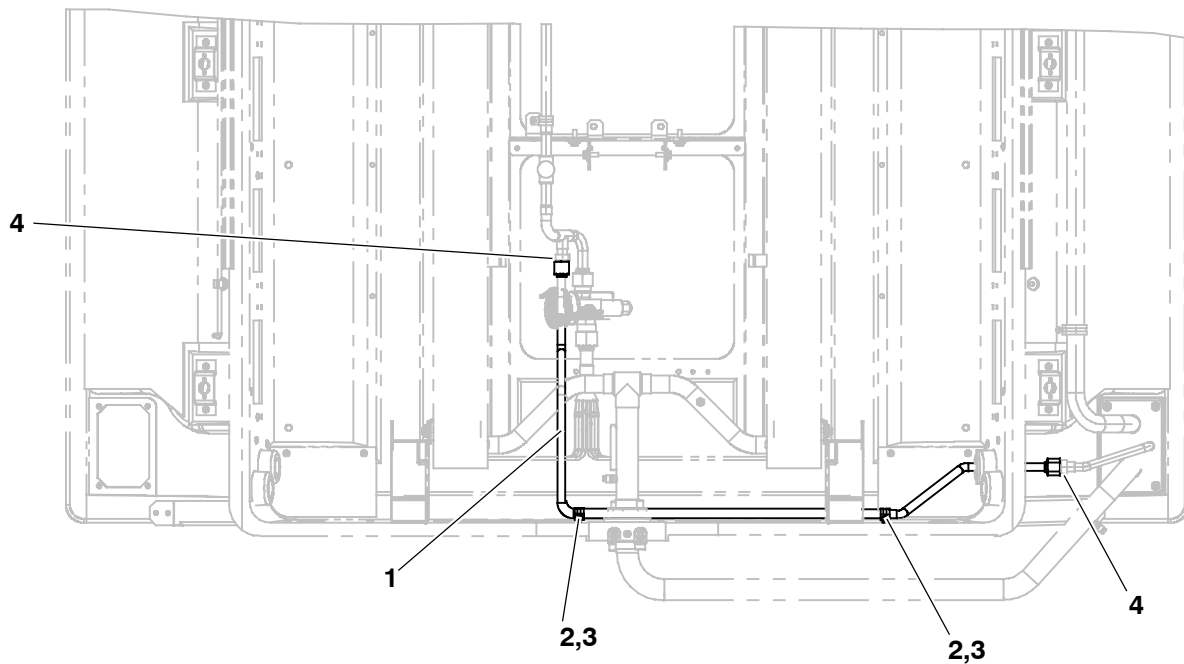


6.5 Evaporator Connection Kit Suction and Discharge (Continued)			
Item	Part Number	Description	Qty
1	81-02674-03	Tube Assembly, Suction and Discharge	1
2	02-62001-01	Sealant, Adhesive Caulk, White	.0250
3	34-00945-10	Washer, Lock, M10, Spring Steel	2
4	34-06062-70	Screw, Cap Socket Head M10 x 70 (2.756)	2
5	34-60095-46	Washer, Lock M6 X 18mm O.D.	4
6	34-01184-06	Nut, Lock, Nylon Insert, M6, SST	4
7	42-67043-00	Gasket 42 x 32 x 1	1
8	34-01151-10	Washer, Flat M10	2
9	42-00243-01	O-Ring, 1.171 ID x 0.139 Thick	1
10	81-02681-00	Tube Assembly, Flange Left ORFS	1



7 EVAPORATOR CONNECTION KIT - INDASH

7.1 Evaporator Connection Kit - Indash, Right

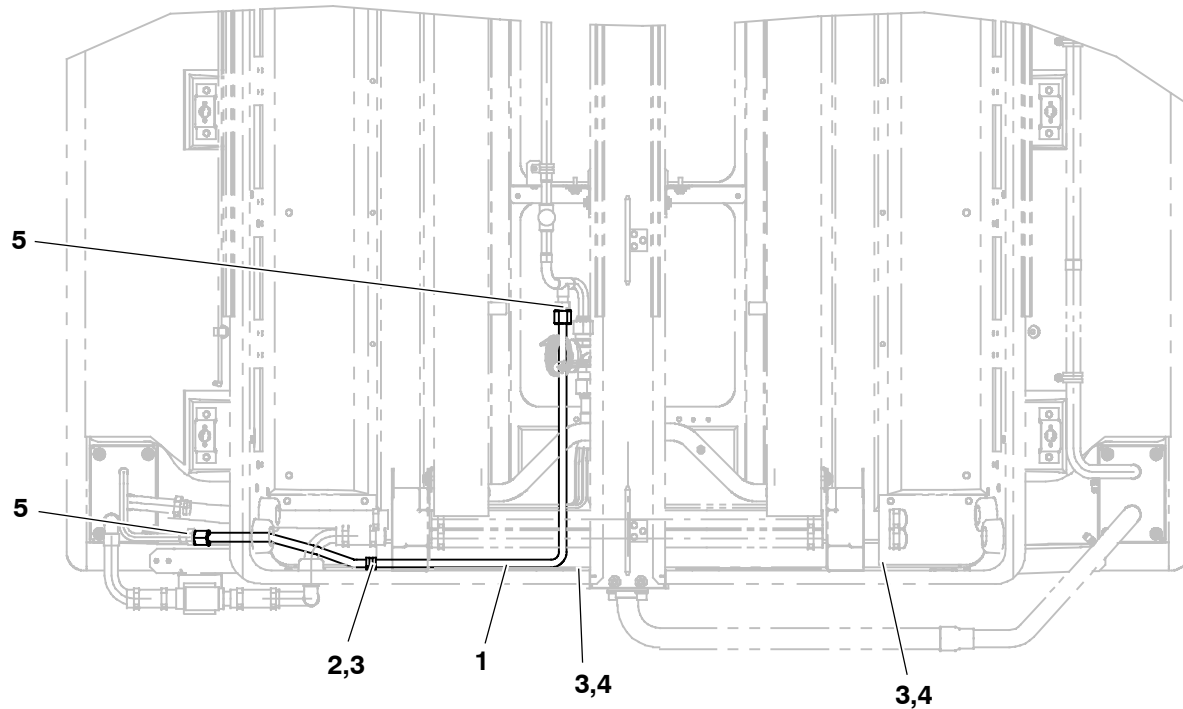


Kit 77-62257-03 A

Item	Part Number	Description	Qty
1	81-02671-00	Tube Assembly, Front Box, Right - Includes:	1
2	34-00373-05	Clamp, Tube, Neoprene Cushion, 1/2 OD, SST	2
3	34-01295-18	Rivet, Pop, 3/16" Diameter, Grip Range: 0.251 - 0.375, Aluminum	2
4	42-00243-04	O-Ring, 0.50 ID x 0.62 OD	2



7.2 Evaporator Connection Kit - Indash, Left

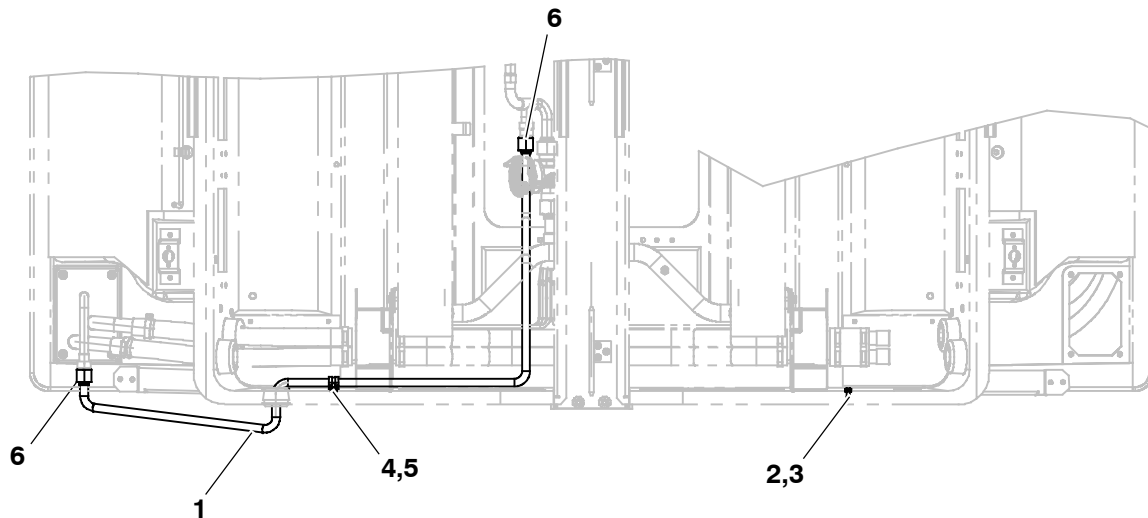


Kit 77-62257-06 A

Item	Part Number	Description	Qty
1	81-02671-01	Tube Assembly, Front Box, Left	1
2	34-00373-05	Clamp, Tube, Neoprene Cushion, 1/2 OD, SST	1
3	34-01295-18	Rivet, Pop, 3/16" Diameter, Grip Range: 0.251 - 0.375, Aluminum	3
4	34-60095-24	Washer, Lock, M4 x 10mm OD	2
5	42-00243-04	O-Ring, 0.50 ID x 0.062 OD, Neoprene	2



7.3 Evaporator Connection Kit - In-dash, Right

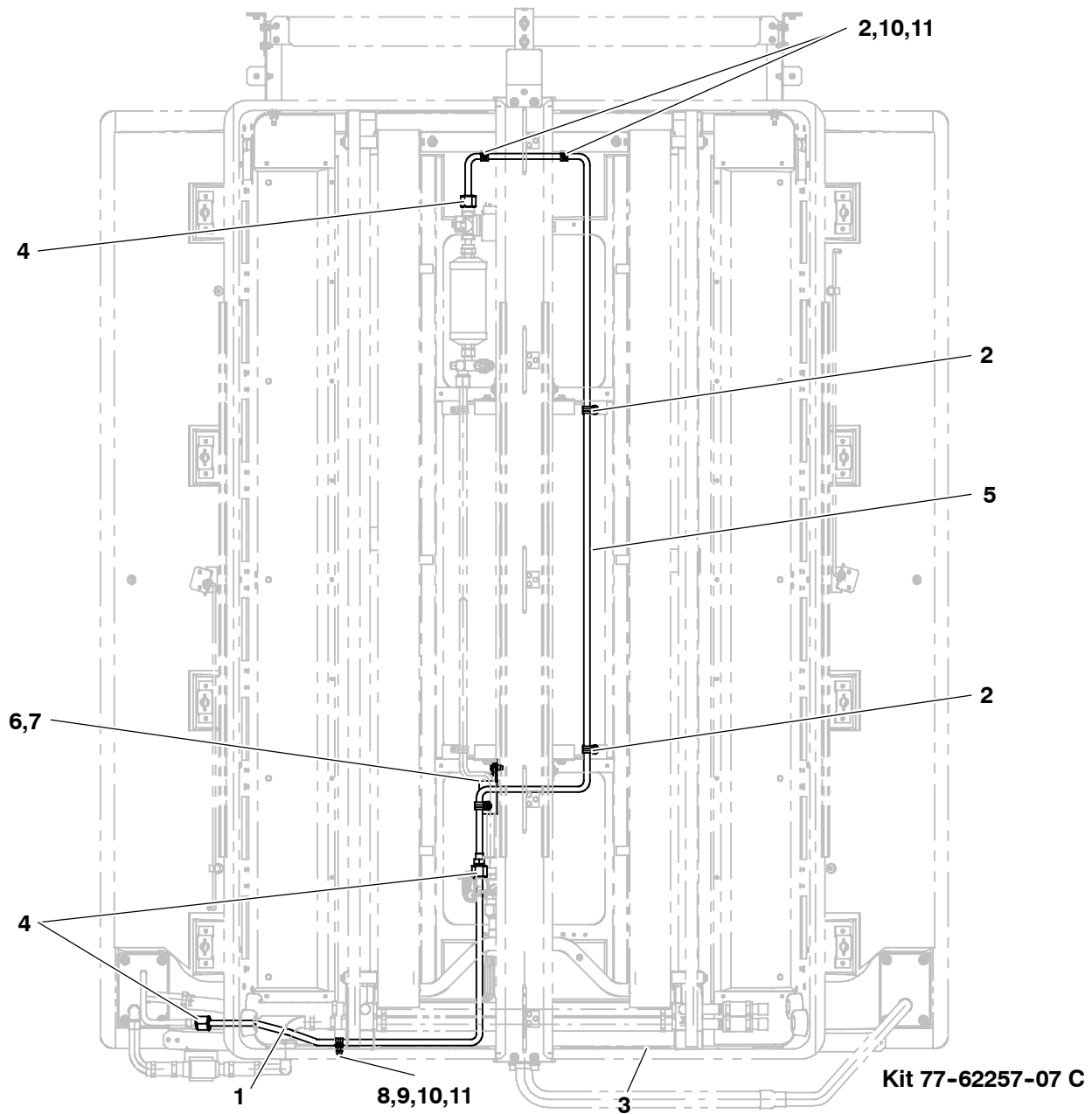


Kit 77-62257-04 A

Item	Part Number	Description	Qty
1	81-67246-00	Tube Assembly, Front Box, Right	1
2	34-00373-05	Clamp, Tube, 1/2 Inch OD, With Neoprene Cushion, SST	1
3	34-67010-02	Rivet, Closed Diameter, 4.8 X 12.5	1
4	34-67010-01	Rivet, Closed Diameter, 4.8 X 9.5	1
5	34-67027-01	Washer, Flat 3.3X12X1	1
6	42-00243-04	O-Ring, 0.50 ID x 0.62 OD	2



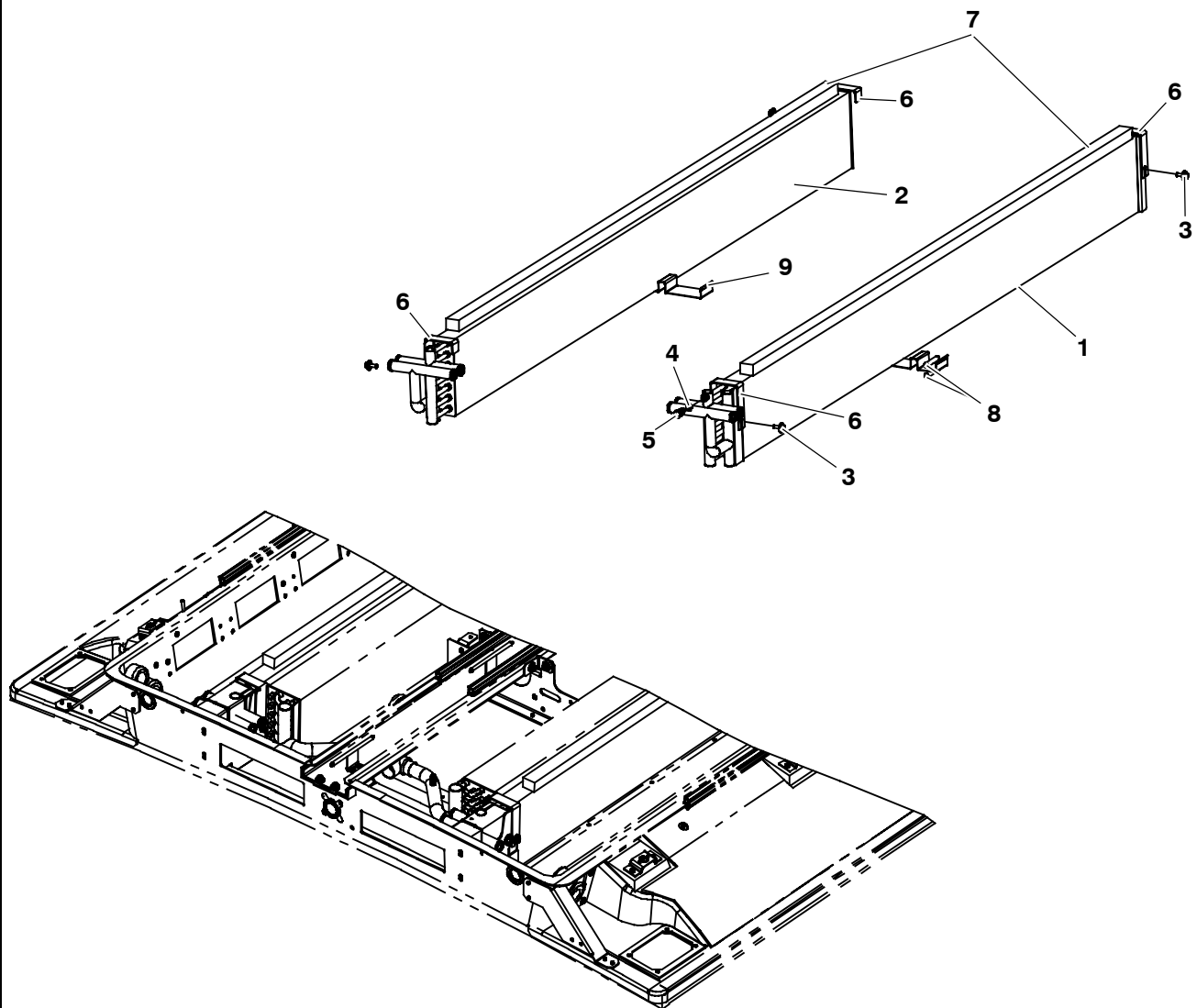
7.4 Evaporator Connection Kit - Front Box, Right



Item	Part Number	Description	Qty
1	81-62186-00	Tube Assembly, Liquid, Front Box	1
2	34-00373-05	Clamp, Tube, 1/2 Inch OD, With Neoprene Cushion, SST	6
3	34-67010-01	Rivet, Closed Diameter, 4.8 X 9.5	1
4	42-00243-04	O-Ring, 0.50 ID x 0.62 OD	3
5	81-62184-00	Tube Assembly, Liquid Line	1
6	67-62043-00	Bracket, Mounting	1
7	34-01266-20	Screw, Hex Head, Slotted, Sems, M6 x 20mm, Zinc	6
8	34-60095-46	Washer, Lock M6 X 18mm O.D.	1
9	34-01152-20	Screw, Hex Head, M6 x 20mm Long, SST	1
10	34-01151-06	Washer, Flat, M6, SST	1
11	34-00946-56	Nut, Hex, M6 x 1.00, SST	3



8 EVAPORATOR HEATING KIT (2 ROW)



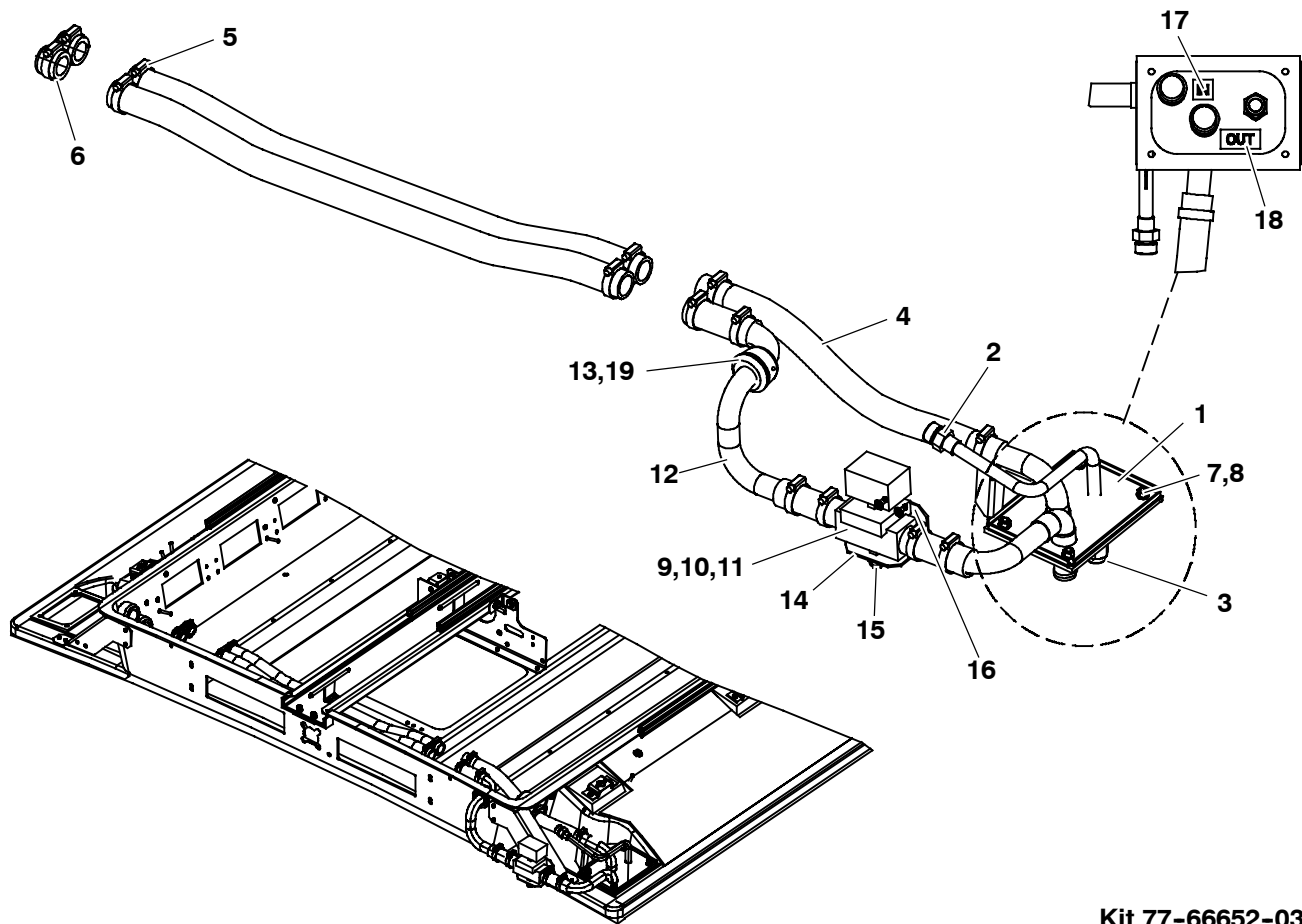
Kit 77-62255-00 A

Item	Part Number	Description	Qty
1	08-67023-00	Coil Assembly, Heater, Right	1
2	08-67023-01	Coil Assembly, Heater, Left	1
3	34-01266-20	Screw, Hex Head, Slotted, Sems, M6 x 20mm, Zinc	4
4	42-67030-00	Gasket, 10 ID x 13.5 OD x 2	1
5	40-67038-00	Valve, Pressure Relief	1
6	68-67305-00	Bracket, Heater Coil	4
7	42-00221-16	Gasket, 1.00 Inch Polyurethane	2
8	AC801-100	Permagum Cord	A/R
9	68-67384-00	Bracket, 1.5mm Thick, Aluminum	2



9 HEATING CONNECTION KITS

9.1 Heating Connection Kit - Right - With Solenoid Valve

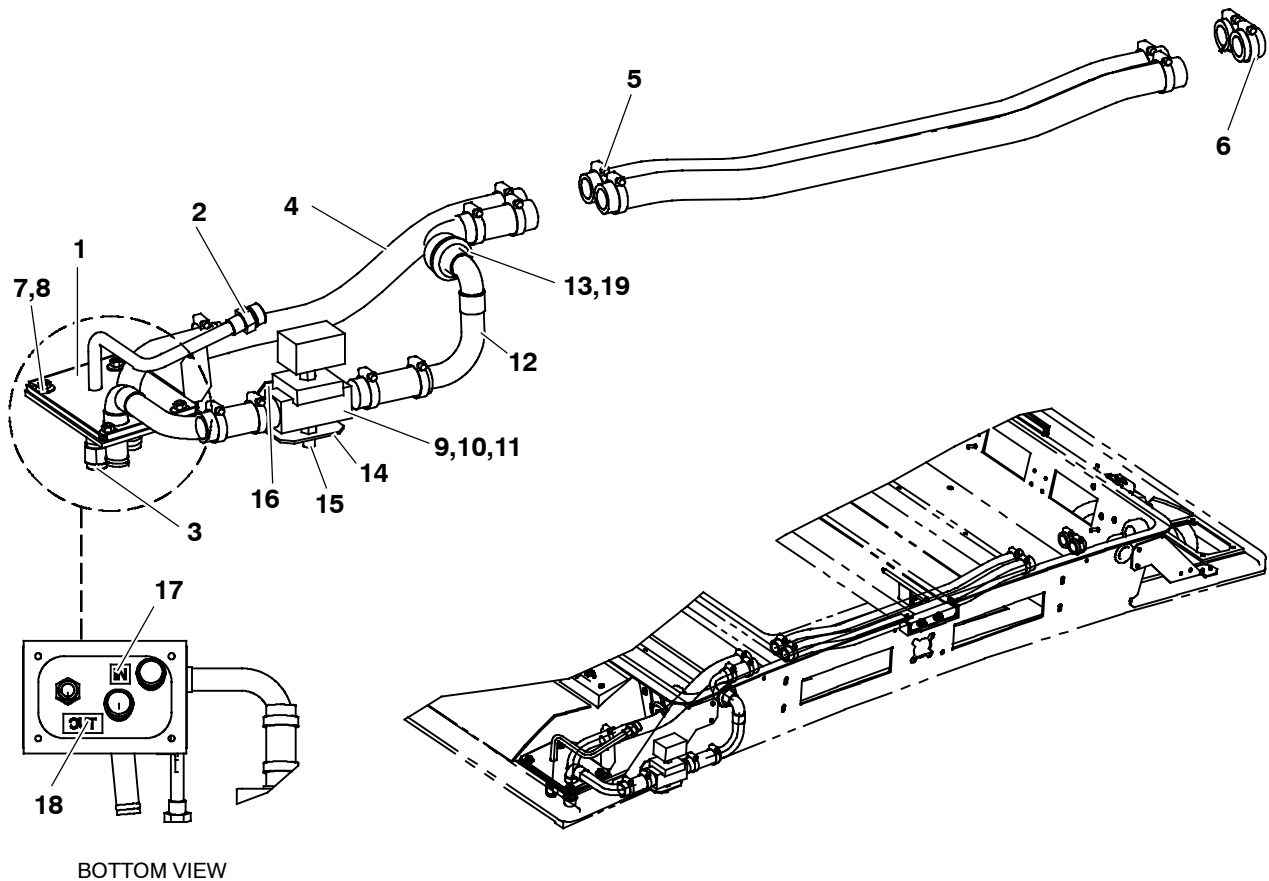


Kit 77-66652-03 A

Item	Part Number	Description	Qty
1	81-02670-00	Adapter Assembly, Water and Front Box, Right - Includes:	1
2	40-60007-03	Fitting, ORS, 1/2 Inch	1
3	40-62032-02	Fitting, Swivel Nut, 1/2 OD x MIO	1
4	AC301-244	Hose, Heater, 0.87 ID x 50.00 Feet Long Roll	A/R
5	44-62012-02	Clamp, Hose, Worm Type, Range: 3/4 To 1-1/4 Inches, SST	14
6	58-67083-01	Cap, Heater, Closed End, #20	2
7	34-60095-46	Washer, Lock, M6, Zinc	4
8	34-01184-06	Nut, Lock, Nylon Insert, M6, SST	4
9	14-00194-04	Valve, Coolant, Solenoid, 7/8 OD Bead End - Includes:	1
10	14-01110-02	Coil, Solenoid Valve, 24 VDC	1
11	14-50036-00	Repair Kit, Solenoid Valve	1
12	81-02669-00	Tube Assembly, Heater, Bead End	1
13	58-60298-04	Grommet, Cable Pass, 20-26mm	1
14	68-67306-00	Bracket, Coolant Valve	1
15	34-00795-14	Nut, Hex, Self-Locking, 7/16-20, SST	1
16	34-00774-00	Rivet, Blind, 0.188 Diameter, Grip Range: 0.062 - 0.250	2
17	62-62041-00	Label IN	1
18	62-62041-01	Label OUT	1
19	58-00079-00	Sta-Strap, 0-4.0 Inches Diameter Cable, Nylon	1



9.2 Heating Connection Kit - Left - With Solenoid Valve



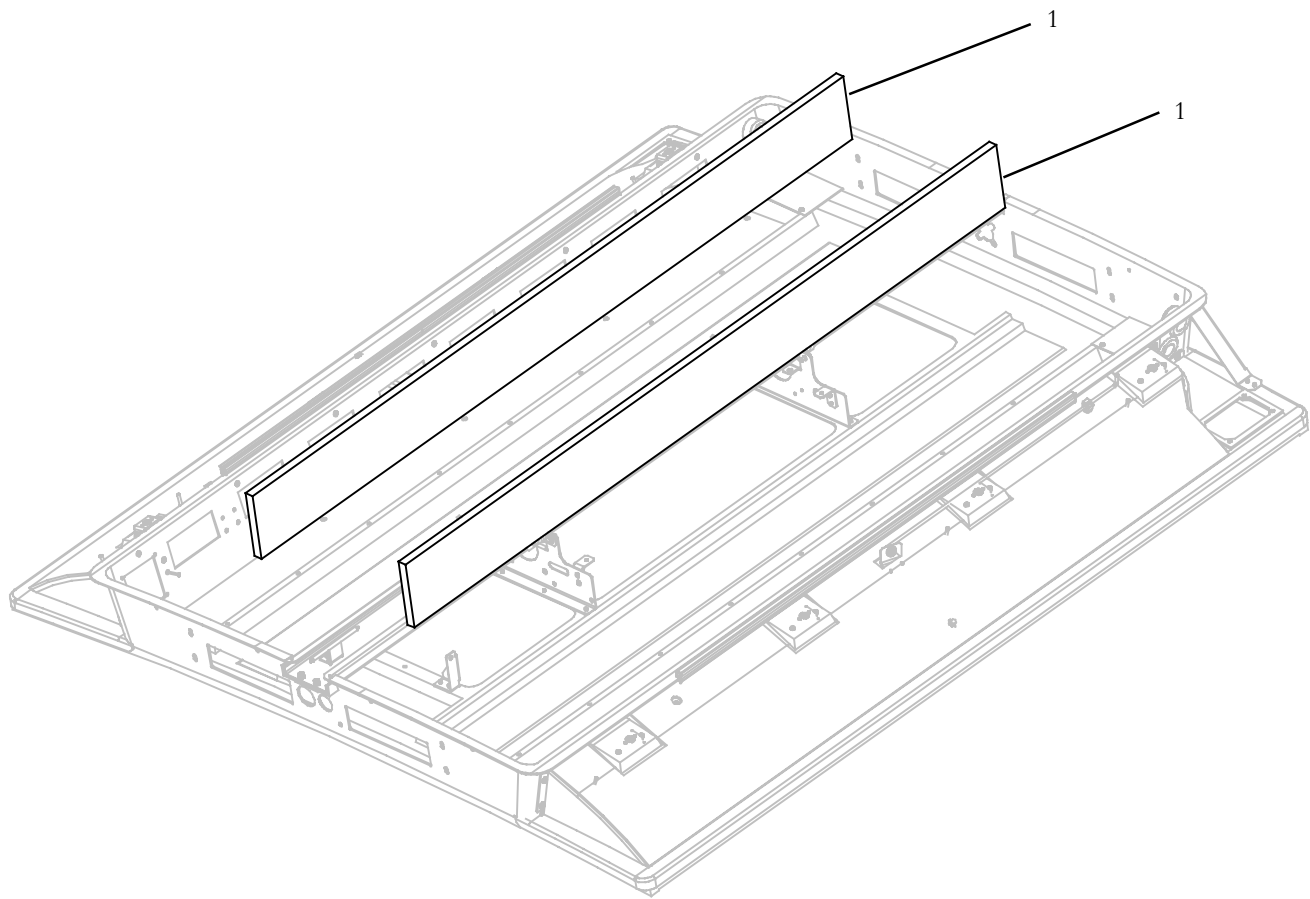
BOTTOM VIEW

Kit 77-66652-04 A

Item	Part Number	Description	Qty
1	81-02670-01	Adapter Assembly, Water and Front Box, Right - Includes:	1
2	40-60007-03	Fitting, ORS, 1/2 Inch	1
3	40-62032-02	Fitting, Swivel Nut, 1/2 OD x MIO	1
4	AC301-244	Hose, Heater, 0.87 ID x 50.00 Feet Long Roll	1
5	44-62012-02	Clamp, Hose, Worm Type, Range: 3/4 To 1-1/4 Inches, SST	14
6	58-67083-01	Cap, Heater, Closed End, #20	2
7	34-60095-46	Washer, Lock, M6, Zinc	4
8	34-01184-06	Nut, Lock, Nylon Insert, M6, SST	4
9	14-00194-04	Valve, Coolant, Solenoid, 7/8 OD Bead End - Includes:	1
10	14-01110-02	Coil, Solenoid Valve, 24 VDC	1
11	14-50036-00	Repair Kit, Solenoid Valve	1
12	81-02669-01	Tube Assembly, Heater, Bead End	1
13	58-60298-04	Grommet, Cable Pass, 20-26mm	1
14	68-67306-00	Bracket, Coolant Valve	1
15	34-00795-14	Nut, Hex, Self-Locking, 7/16-20, SST	1
16	34-00774-00	Rivet, Blind, 0.188 Diameter, Grip Range: 0.062 - 0.250	2
17	62-62041-00	Label IN	1
18	62-62041-01	Label OUT	1
19	58-00079-00	Sta-Strap, 0-4.0 Inches Diameter Cable, Nylon	1



10 EVAPORATOR FILTER KIT (STANDARD)



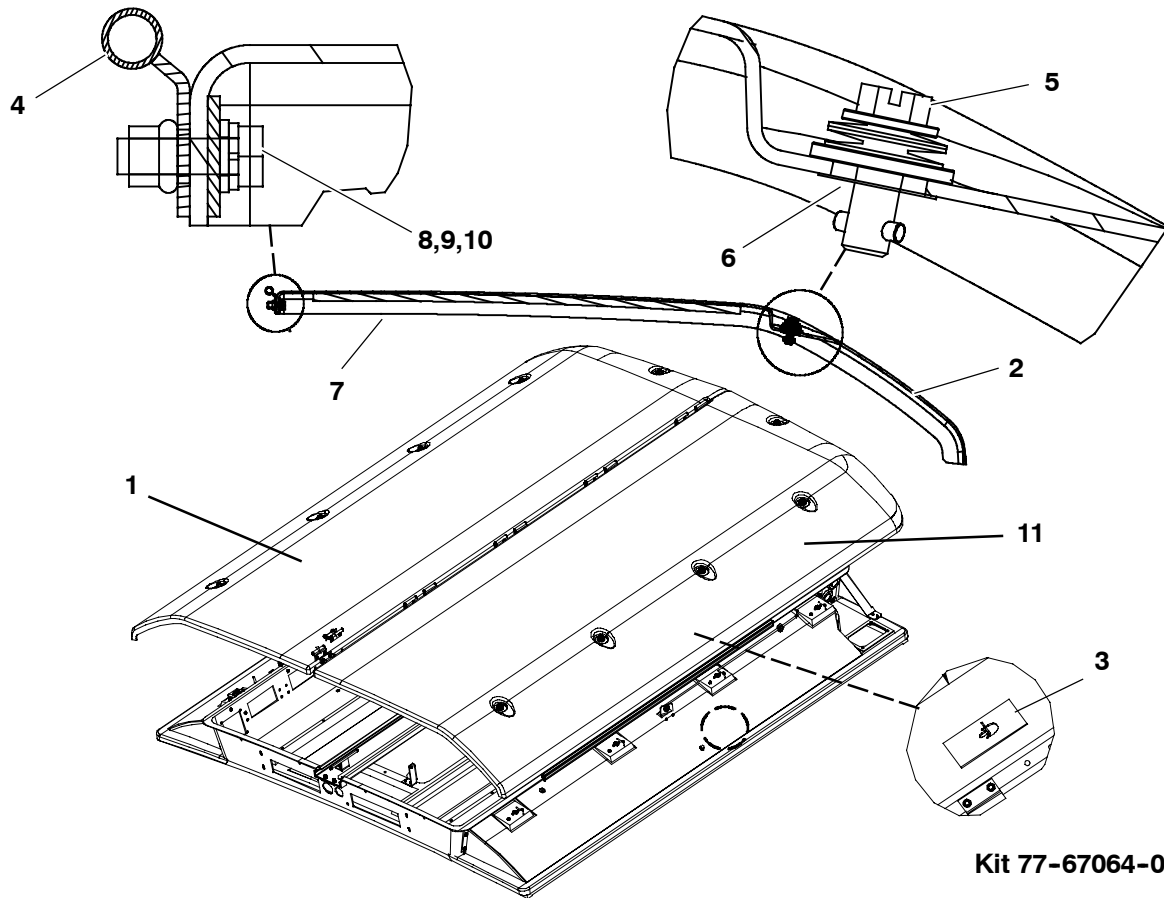
Kit 77-67063-02 D

Item	Part Number	Description	Qty
1	42-62045-02	Filter, Air, Evaporator, Foam, 0.75 Thick x 6.25 x 70.87 Inches	2



11 EVAPORATOR COVER KITS

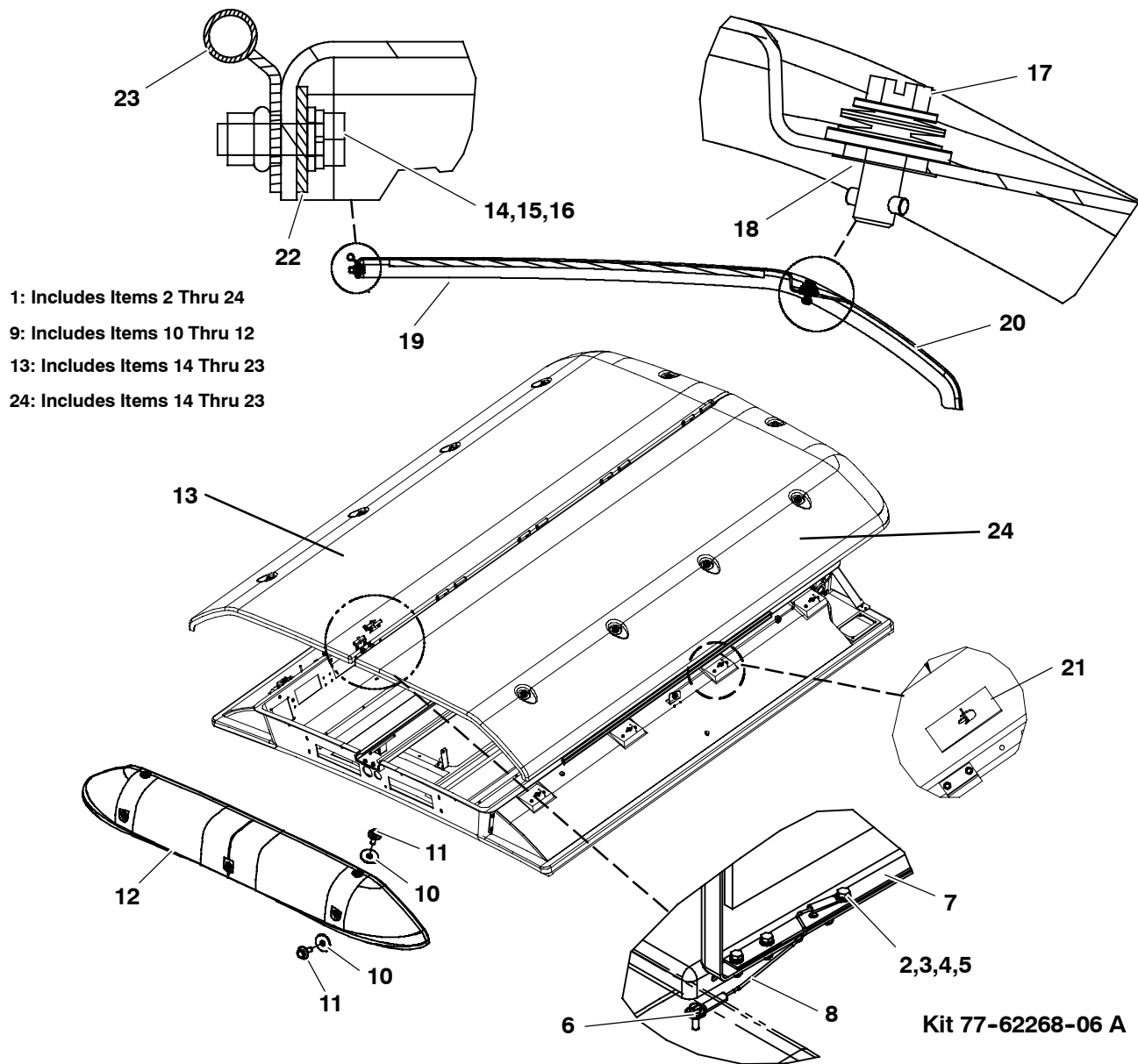
11.1 Evaporator Cover Kit, Standard (R10M)



Item	Part Number	Description	Qty
1	79-67061-00	Cover Assembly, Evaporator, Right , R10M - Includes:	1
2	58-67043-00	Cover, Evaporator, Right , R10M	1
3	68-67165-00	Bracket, Rod, Cover Support	1
4	86-67151-00	Hinge Assembly, Cover, Evaporator	5
5	34-67009-00	Stud, Captive, 1/4 Turn, With Disc and Flat Washers	5
6	34-67025-00	Washer, Retaining, Steel	5
7	42-67003-03	Insulation, Cover, Adhesive Backed, Gray	1
8	34-01151-06	Washer, Flat, M6, SST	10
9	34-01146-06	Washer, Lock, M6, SST	10
10	34-01152-20	Screw, Hex Head, M6 x 20mm Long, SST	10
11	79-67061-01	Cover Assembly, Evaporator, Left , R10M - Includes:	1
2	58-67043-01	Cover, Evaporator, Left , R10M	1
3	68-67165-00	Bracket, Rod, Cover Support	1
4	86-67151-00	Hinge Assembly, Cover, Evaporator	5
5	34-67009-00	Stud, Captive, 1/4 Turn, With Disc and Flat Washers	5
6	34-67025-00	Washer, Retaining, Steel	5
7	42-67003-03	Insulation, Cover, Adhesive Backed, Gray	1
8	34-01151-06	Washer, Flat, M6, SST	10
9	34-01146-06	Washer, Lock, M6, SST	10
10	34-01152-20	Screw, Hex Head, M6 x 20mm Long, SST	10



11.2 Evaporator Cover Kit, Evaporator Only Unit With Spoiler (R10M)



Item	Part Number	Description	Qty
1	79-62154-02	Cover Assembly, Evaporator, Spoiler, Saf Ca - Includes:	1
2	34-01146-06	Washer, Lock, M6 Spring	1
3	34-01151-06	Washer, Flat, M6	2
4	34-01152-16	Screw, Cap, Hex Head, M6 x 16mm, 0.629	1
5	34-01184-06	Nut, Lock, M6 Nylock	1
6	34-01266-20	Screw, Hex Head, Sems, M6 x 20mm, Slotted	2
7	68-63734-00	Plate, Backup, 12 GA, HRS	2
8	79-62111-00	Cable Assembly, Safety	2
9	79-62141-02	Spoiler, H353 - Includes:	1
10	34-06214-04	Washer, Fender, 1/4 - 0.993 - 1.015 OD	5
11	34-60068-20	Screw, Captive Washer, M6 x 20mm Long	5
12	58-62227-02	Spoiler, H353, R10M	1

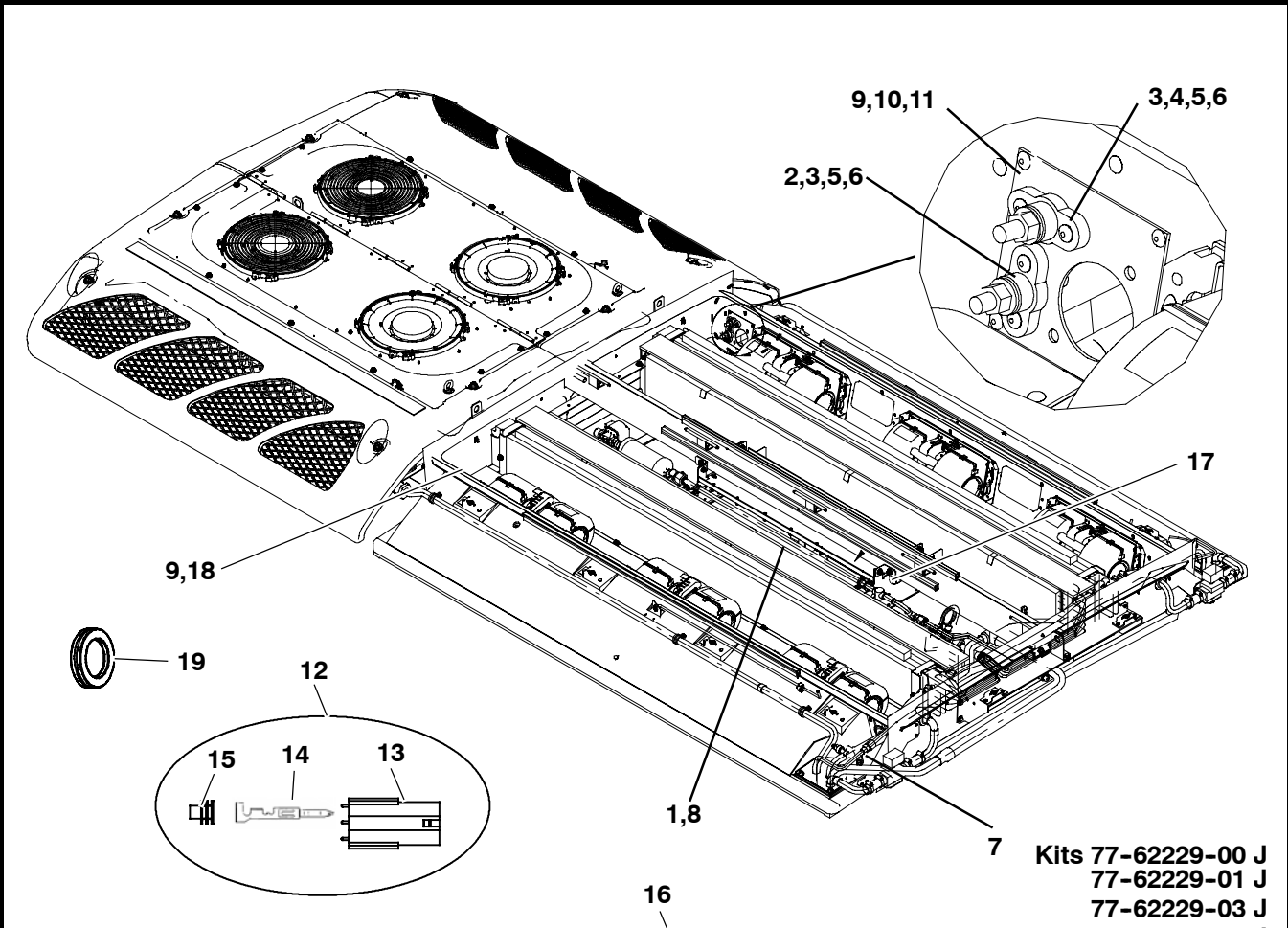


11.2 Evaporator Cover Kit, Evaporator Only Unit With Spoiler (R10M) (Continued)			
Item	Part Number	Description	Qty
13	79-62142-04	Cover Assembly, Right, R10M - Includes:	1
14	34-01146-06	Washer, Lock, M6 Spring	10
15	34-01151-06	Washer, Flat, M6	10
16	34-01152-20	Screw, Cap, Hex Head, M6 x 20mm, 0.787	10
17	34-67009-00	Stud, Captive, 1/4 Turn, With Disc and Flat Washers	5
18	34-67025-00	Ring, Retaining, 1/4 Turn	5
19	42-67003-03	Insulation 2020 x 520 x 10	1
20	58-62228-04	Cover, AC353 Evaporator, Right R10M	1
21	68-67165-00	Bracket, 2.0mm Thick, Aluminum	1
22	68-67175-00	Plate, Thick, 2.0mm Steel	5
23	86-67151-00	Hinge, Cover, Evaporator	5
24	79-62142-05	Cover Assembly, Left, R10M - Includes:	1
14	34-01146-06	Washer, Lock, M6 Spring	10
15	34-01151-06	Washer, Flat, M6	10
16	34-01152-20	Screw, Cap, Hex Head, M6 x 20mm, 0.787	10
17	34-67009-00	Stud, Captive, 1/4 Turn, With Disc and Flat Washers	5
18	34-67025-00	Ring, Retaining, 1/4 Turn	5
19	42-67003-03	Insulation 2020 x 520 x 10	1
20	58-62228-05	Cover, AC353, Evaporator, Left R10M	1
21	68-67165-00	Bracket 2.0mm Thick, Aluminum	1
22	68-67175-00	Plate, Thick 2.0mm, Steel	5
23	86-67151-00	Hinge, Cover, Evaporator	5



12 EVAPORATOR ELECTRICAL COMPONENTS

12.1 Evaporator Electrical Components With GR60 Relay Board With CAN Data Acquisition - Options 1 (Right) and 5 (Left)



Item	Part Number	Description	Qty
1	91-62094-00	Panel Assembly, Electric, AC353 G4 (See Section 13.3)	1
2	22-62180-01	Block Assembly, Junction, Stud Type, $\frac{3}{8}$ - 16 Thread, Red	1
3	34-62021-02	Rivet, Blind, Dome Head, 3/16 Diameter, Grip Range: .375 - .500	4
4	22-62180-00	Block Assembly, Junction, Stud Type, $\frac{3}{8}$ - 16 Thread, Black	1
5	34-00944-10	Washer, Flat, M10, Zinc	4
6	34-00363-13	Nut, Hex, $\frac{3}{8}$ - 16, Zinc	6
7	12-00352-00	Transducer, Pressure, 1/4 SAE Female Flare	2
8	34-01266-20	Screw, Hex Head, Slotted, Sems, M6 x 20mm Long, Zinc	4
9	34-62021-00	Rivet, Blind, Dome Head, 3/16 Diameter, Grip Range: 0.126 - 0.250	4
10	68-63810-01	Plate, Electrical, Junction Block Mounting	1
11	02-62001-00	Sealant Black Adhesive Caulk	A/R
12	22-02392-00SV	Connector Kit, 2 Pin - Includes:	1
13	NSS	Connector, 2 Pin, Black	1
14	22-02393-01	Terminal, Male (18-20 AWG)	2
15	22-02394-01	Seal, Cable	2
16	58-00858-00	Tubing, Split, Corrugated, 1/4 Inch ID x 25 Feet Long	1
17	42-00183-00	Trim, Flexible, Fine Pebble-Black	A/R
18	68-63810-02	Plate, Electrical, Junction Block Mounting	1



12.2 Evaporator Electrical Components With Micromax Relay Board With CAN Data Acquisition - Option 2 (Right)			
Item	Part Number	Description	Qty
1	91-62095-00	Panel Assembly, Electric, AC353 G4 Brushless (See Section 13.2)	1
2	22-62180-01	Block Assembly, Junction, Stud Type, 3/8-16 Thread, Red	1
3	34-62021-02	Rivet, Blind, Dome Head, 3/16 Diameter, Grip Range: .375 - .500	4
4	22-62180-00	Block Assembly, Junction, Stud Type, 3/8-16 Thread, Black	1
5	34-00944-10	Washer, Flat, M10, Zinc	4
6	34-00363-13	Nut, Hex, 3/8 - 16, Zinc	6
7	12-00352-00	Transducer, Pressure, 1/4 SAE Female Flare	2
8	34-01266-20	Screw, Hex Head, Slotted, Sems, M6 x 20mm Long, Zinc	4
9	34-62021-00	Rivet, Blind, Dome Head, 3/16 Diameter, Grip Range: .126 - .250	4
10	68-63810-01	Plate, Electrical, Junction Block Mounting	1
11	02-62001-00	Sealant Black Adhesive Caulk	A/R
12	22-02392-00SV	Connector Kit, 2 Pin - Includes:	1
13	NSS	Connector, 2 Pin, Black	1
14	22-02393-01	Terminal, Male (18-20 AWG)	2
15	22-02394-01	Seal, Cable	2
16	58-00858-00	Tubing, Split, Corrugated, 1/4 Inch ID x 25 Feet Long	1
17	42-00183-00	Trim, Flexible, Fine Pebble-Black	A/R
18	68-63810-02	Plate, Electrical, Junction Block Mounting	1
12.3 Evaporator Electrical Components With Micromax Relay Board - Option 3			
1	91-62095-01	Panel Assembly, Electric, AC353 G4 Brushless (See Section 13.1)	1
2	22-62180-01	Block Assembly, Junction, Stud Type, 3/8 - 16 Thread, Red	1
3	34-62021-02	Rivet, Blind, Dome Head, 3/16 Diameter, Grip Range: 0.375 - 0.500	4
4	22-62180-00	Block Assembly, Junction, Stud Type, 3/8 - 16 Thread, Black	1
5	34-00944-10	Washer, Flat, M10, Zinc	4
6	34-00363-13	Nut, Hex, 3/8 - 16, Zinc	6
7	12-00352-00	Transducer, Pressure, 1/4 SAE Female Flare	2
8	34-01266-20	Screw, Hex Head, Slotted, Sems, M6 x 20mm Long, Zinc	4
9	34-62021-00	Rivet, Blind, Dome Head, 3/16 Diameter, Grip Range: 0.126 - 0.250	4
10	68-63810-01	Plate, Electrical, Junction Block Mounting	1
11	02-62001-00	Sealant Black Adhesive Caulk	A/R
17	42-00183-00	Trim, Flexible, Fine Pebble-Black	A/R
18	68-63810-02	Plate, Electrical, Junction Block Mounting	1

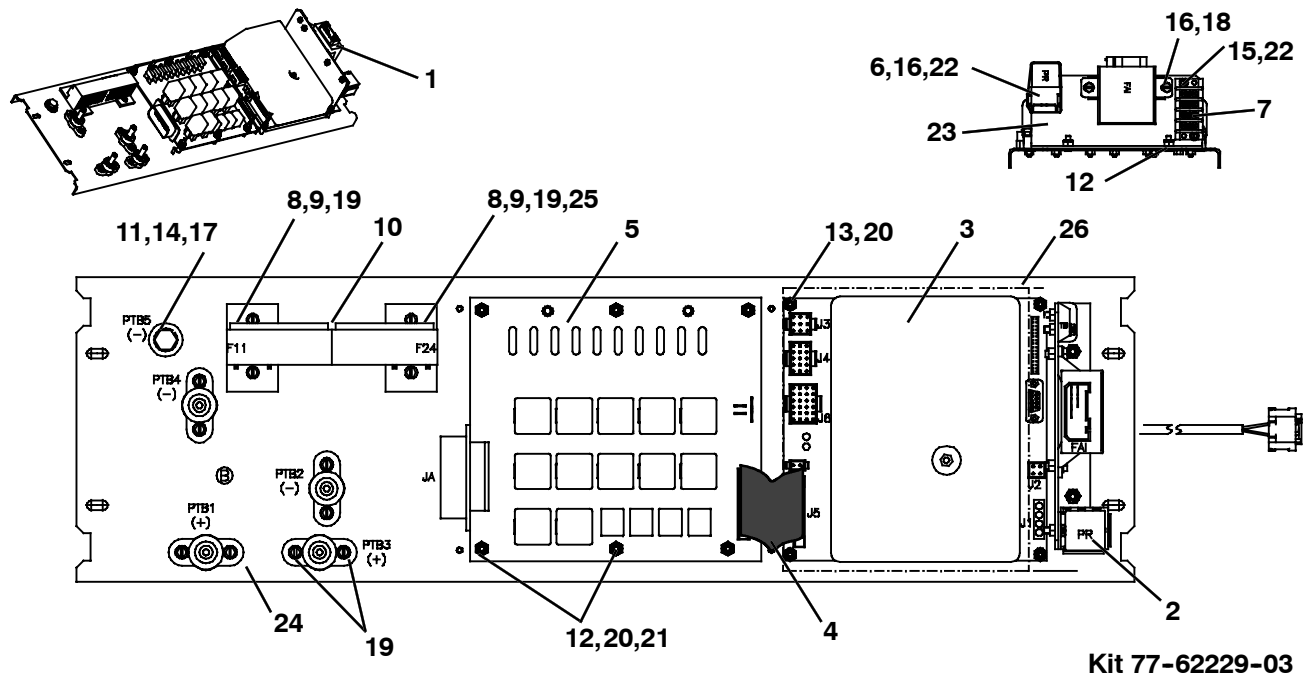


12.4 Evaporator Electrical Components With Micromax Relay Board With CAN Data Acquisition - Option 4 (Left)			
Item	Part Number	Description	Qty
1	91-62106-00	Panel Assembly, Electric, AC353 G4 Brushless (See Section 13.4)	1
2	22-62180-01	Block Assembly, Junction, Stud Type, $\frac{3}{8}$ - 16 Thread, Red	1
3	34-62021-02	Rivet, Blind, Dome Head, 3/16 Diameter, Grip Range: 0.375 - 0.500	4
4	22-62180-00	Block Assembly, Junction, Stud Type, $\frac{3}{8}$ - 16 Thread, Black	1
5	34-00944-10	Washer, Flat, M10, Zinc	4
6	34-00363-13	Nut, Hex, $\frac{3}{8}$ - 16, Zinc	6
7	12-00352-00	Transducer, Pressure, 1/4 SAE Female Flare	2
8	34-01266-20	Screw, Hex Head, Slotted, Sems, M6 x 20mm Long, Zinc	4
9	34-62021-00	Rivet, Blind, Dome Head, 3/16 Diameter, Grip Range: 0.126 - 0.250	4
10	68-63810-03	Plate, Electrical, Junction Block Mounting	1
11	02-62001-00	Sealant Black Adhesive Caulk	A/R
12	22-02392-00SV	Connector Kit, 2 Pin - Includes:	1
13	NSS	Connector, 2 Pin, Black	1
14	22-02393-01	Terminal, Male (18-20 AWG)	2
15	22-02394-01	Seal, Cable	2
16	58-00858-00	Tubing, Split, Corrugated, 1/4 Inch ID x 25 Feet Long	1
17	42-00183-00	Trim, Flexible, Fine Pebble-Black	A/R
18	68-63810-02	Plate, Electrical, Junction Block Mounting	1
19	58-60302-01	Grommet	1



13 EVAPORATOR CONTROL PANELS

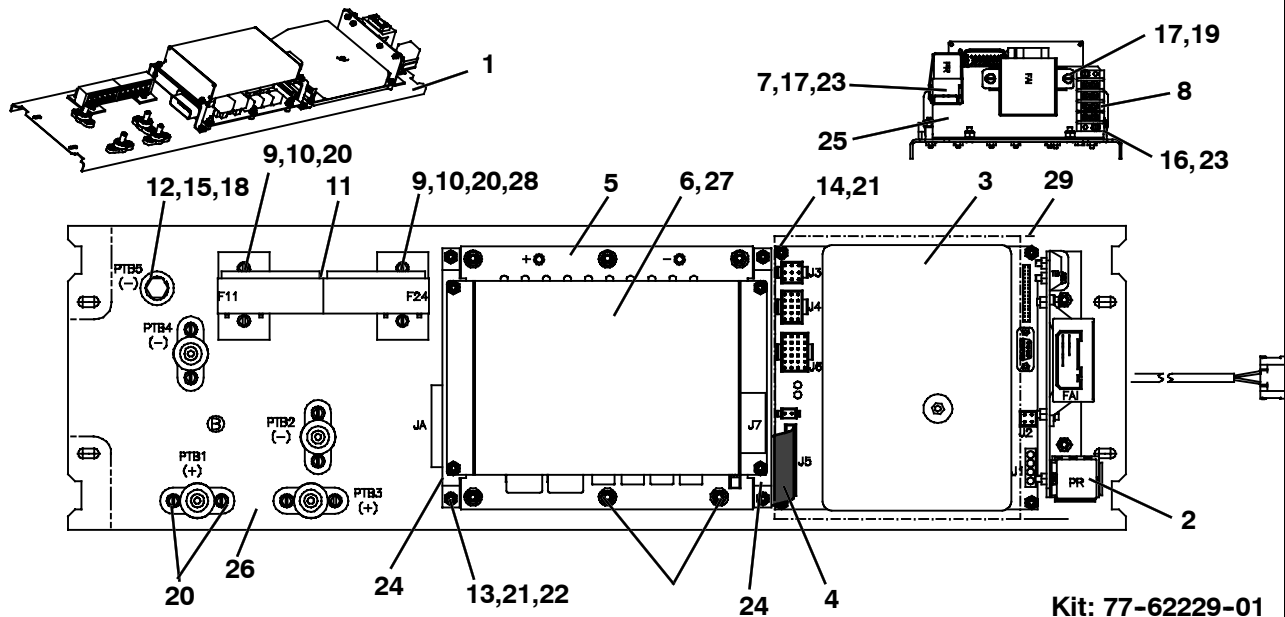
13.1 Micromax Relay Board - Option 3



Item	Part Number	Description	Qty
1	91-62095-01	Panel Assembly, Electric, AC353 G4 Brushless - Includes:	1
2	10-00286-13	Relay, SPDT, With Diode	1
3	12-00392-16	Module, Logic Controller 24VDC (350PSI) - Includes:	1
4	22-50236-00	Harness, Ribbon Cable, 26 Pin (Logic Module to Relay Board)	1
5	12-00486-01	Board, Relay	1
6	AC201-901	Connector, Relay Socket	1
7	22-01563-05	Terminal Block, 4 Poles	1
8	22-62036-00	Fuse Holder, ATC Fuse	2
9	22-62038-00	Bracket, Fuse Holder	2
10	22-62040-00	Lock, Secondary Wedge, Fuse Holder	1
11	34-00304-08	Screw, Cap Hexhead $\frac{3}{8}$ - 16 X 1.00	1
12	34-00360-09	Nut, Self Locking, #10-32	8
13	34-00361-08	Nut, Self Locking, #8-32	8
14	34-00368-13	Washer, Lock 3/8 Inch Spring	1
15	34-00664-08	Washer, Lock, Internal Tooth, #8, SST	3
16	34-00664-09	Washer, Lock, Internal Tooth, #10, SST	2
17	34-01279-13	Washer, Flat 3/8 Inch Grade 8 Plated	1
18	34-06069-04	Screw, Cap, Hex Head Slotted, #10 - 32 x 1/2 Inch Long, SST	2
19	34-06264-04	Screw, Cap Hex Head #8 - 32 X 1/2 Inch Long	12
20	34-62000-00	Spacer, Nylon	10
21	58-00511-08	Washer, Flat, Nylon, 0.031 Thick x 0.22 ID X 0.50 OD	6
22	66U1-5371	Screw, Cap, Hex Head Slotted, #8 - 32 x 1/2 Inch Long, SST	3
23	68-63789-00	Bracket, FAI/PR/TB	1
24	68-63822-00	Panel, Base, .090 Thick Aluminum	1
25	22-62039-01	Lock, Secondary Fuse Holder	26
26	12-00495-02SV	Thermistor Sensor Kit, (Replacement For 12-00305-04)	1



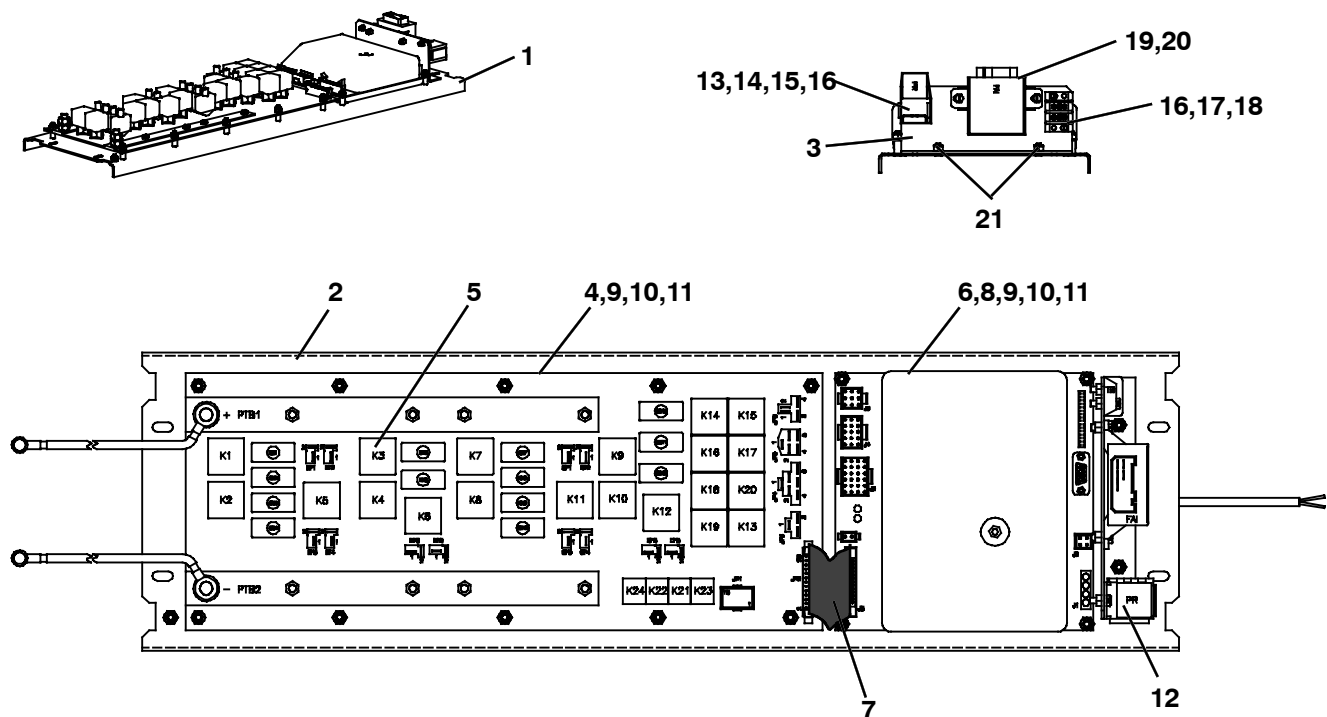
13.2 Micromax Relay Board - With CAN - Option 2 (Right)



Item	Part Number	Description	Qty
1	91-62095-00	Panel Assembly, Electric, AC353 G4 Brushless With CAN - Includes:	1
2	10-00286-13	Relay, SPDT, With Diode	1
3	12-00392-16	Module, Logic Controller 24VDC (350PSI) - Includes:	1
4	22-50236-00	Harness, Ribbon Cable, 26 Pin (Logic Module to Relay Board)	1
5	12-00486-01	Board, Relay	1
6	12-00659-00	Logic Board, Data Communications	1
7	AC201-901	Connector, Relay Socket	1
8	22-01563-05	Terminal Block, 4 Poles	1
9	22-62036-00	Fuse Holder, ATC Fuse	2
10	22-62038-00	Bracket, Fuse Holder	2
11	22-62040-00	Lock, Secondary Wedge, Fuse Holder	1
12	34-00304-08	Screw, Cap Hexhead $\frac{3}{8}$ - 16 X 1.00	1
13	34-00360-09	Nut, Self Locking, #10-32	8
14	34-00361-08	Nut, Self Locking, #8-32	12
15	34-00368-13	Washer, Lock 3/8 Inch Spring	1
16	34-00664-08	Washer, Lock, Internal Tooth, #8, SST	3
17	34-00664-09	Washer, Lock, Internal Tooth, #10, SST	2
18	34-01279-13	Washer, Flat 3/8 Inch Grade 8 Plated	1
19	34-06069-04	Screw, Cap, Hex Head Slotted, #10-32 x 1/2 Inch Long, SST	2
20	34-06264-04	Screw, Cap Hex Head #8-32 X 1/2 Inch Long	12
21	34-62000-00	Spacer, Nylon	10
22	58-00511-08	Washer, Flat, Nylon, 0.031 Thick x 0.22 ID X 0.50 OD	6
23	66U1-5371	Screw, Cap, Hex Head Slotted, #8-32 x 1/2 Inch Long, SST	3
24	68-63749-00	Bracket, Data Communications Logic Board	2
25	68-63786-00	Bracket, FAI/PR/TB	1
26	68-63822-00	Panel, Base, .090 Thick Aluminum	1
27	22-62265-01	Harness, Data Communications	1
28	22-62039-01	Lock, Secondary Fuse Holder	26
29	12-00495-02SV	Thermistor Sensor Kit, (Replacement For 12-00305-04)	1



13.3 GR60 Relay Board - Options 1 (Right) and 5 (Left)

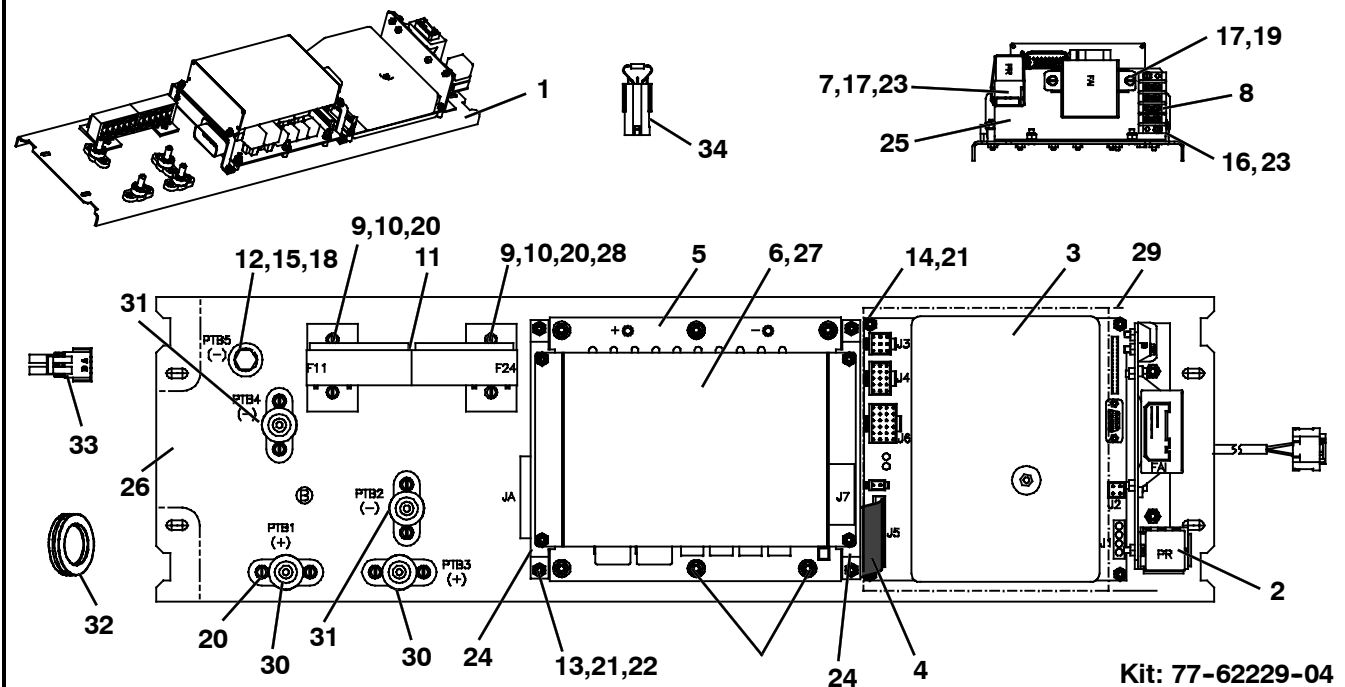


Kit 77-62229-00
77-62229-05

Item	Part Number	Description	Qty
1	91-62094-00	Panel Assembly, Electrical, AC353 G4 - Includes:	1
2	68-63783-00	Panel Assembly, Electrical	1
3	68-63786-00	Panel Assembly, Electrical Panel	1
4	12-00393-00	Board Assembly, Relay, Includes:	1
5	10-00286-13	Relay, SPDT, 24 VDC	20
6	12-00392-15	Module, Logic Controller 24 VDC (300 PSI) - Includes:	1
7	22-50236-00	Harness, Ribbon Cable, 26 Pin (Logic Module To Relay Board)	1
8	12-00495-02SV	Thermistor Sensor Kit, (Replacement For 12-00305-04)	1
9	34-62000-00	Spacer, Nylon	14
10	58-00511-08	Washer, Flat, Nylon, 0.031 Thick x 0.22 ID x 0.50 OD	14
11	34-00361-61	Nut, Self-Locking, 1/4 - 20	14
12	10-00286-13	Relay, SPDT, 24 VDC	1
13	AC201-901	Connector, Relay	1
14	AC201-931	Lock, Connector, Relay	1
15	66U1-5371	Screw, Cap, Hex Head Slotted, #8-32 x 1/2 Inch Long, SST	1
16	34-00664-08	Washer, Lock, Internal Tooth, #8, SST	3
17	22-01563-04	Block, Terminal, 2 Poles #6-32 x 1/4 Inch Long	1
18	66U1-5371-5	Screw, Cap, Hex Head Slotted, #8-32 x 3/4 Inch Long, SST	2
19	34-06069-04	Screw, Cap, Hex Head Slotted, #10-32 x 1/2 Inch Long, SST	2
20	34-00664-09	Washer, Lock, Internal Tooth, #10, SST	2
21	34-00360-09	Nut, Self-Locking, #10-32	2



13.4 Micromax Relay Board - With CAN - Option 4 (Left)



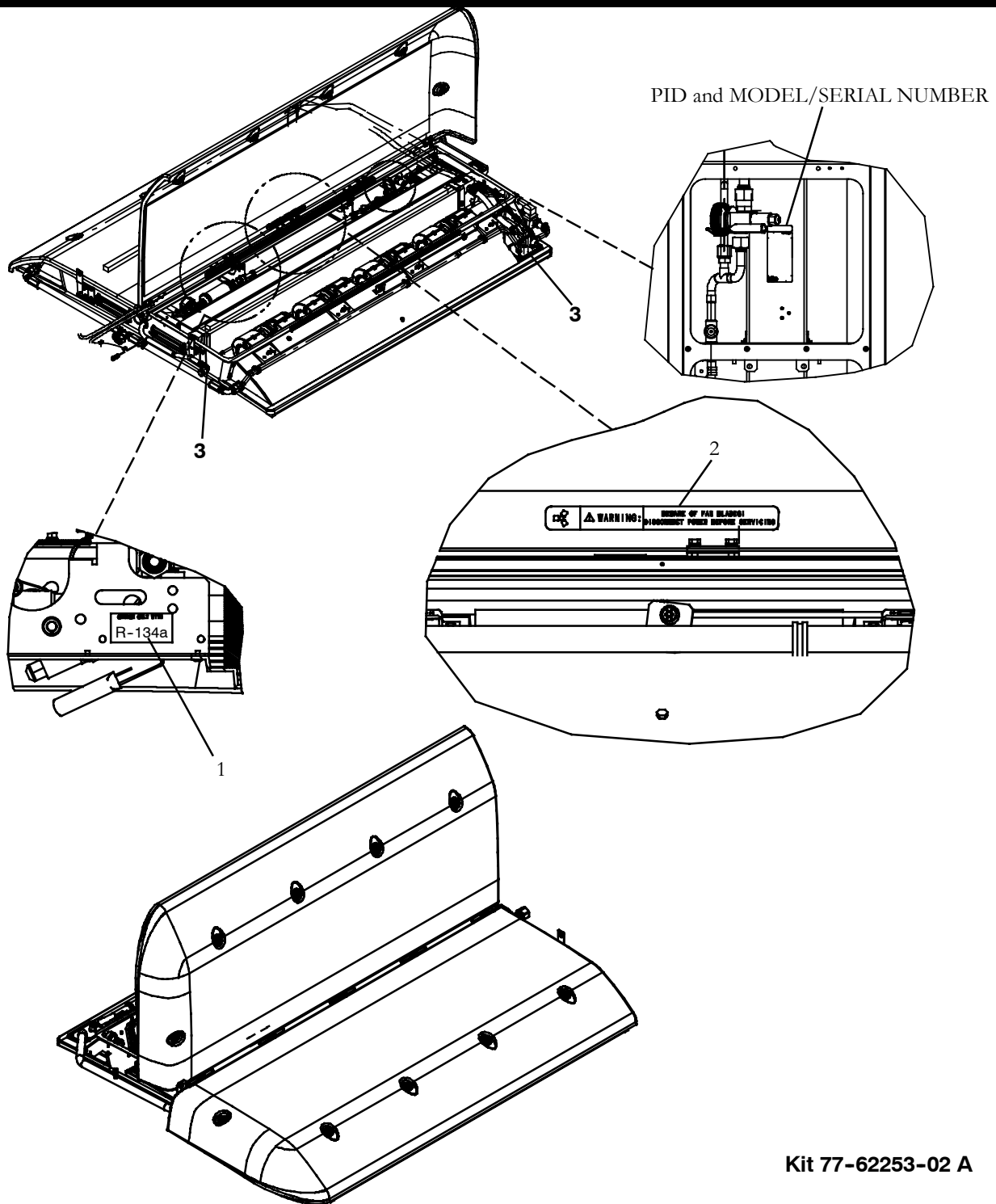
Item	Part Number	Description	Qty
1	91-62106-00	Panel Assembly, Electric, AC353 G4 Brushless With CAN- Includes:	1
2	10-00286-13	Relay, SPDT, With Diode	1
3	12-00684-00	Module, Vector Fan, Logic Controller 24VDC (350PSI) - Includes:	1
4	22-50236-00	Harness, Ribbon Cable, 26 Pin (Logic Module to Relay Board)	1
5	12-00486-01	Board, Relay	1
6	12-00659-01	Logic Board, Data Communications	1
7	AC201-901	Connector, Relay Socket	1
8	22-01563-05	Terminal Block, 4 Poles	1
9	22-62036-00	Fuse Holder, ATC Fuse	2
10	22-62038-00	Bracket, Fuse Holder	2
11	22-62040-00	Lock, Secondary Wedge, Fuse Holder	1
12	34-00304-08	Screw, Cap Hexhead $\frac{3}{8}$ - 16 X 1.00	1
13	34-00360-09	Nut, Self Locking, #10-32	8
14	34-00361-08	Nut, Self Locking, #8-32	12
15	34-00368-13	Washer, Lock 3/8 Inch Spring	1
16	34-00664-08	Washer, Lock, Internal Tooth, #8, SST	3
17	34-00664-09	Washer, Lock, Internal Tooth, #10, SST	2
18	34-01279-13	Washer, Flat 3/8 Inch Grade 8 Plated	1
19	34-06069-04	Screw, Cap, Hex Head Slotted, #10-32 x 1/2 Inch Long, SST	2
20	34-06264-04	Screw, Cap Hex Head #8-32 X 1/2 Inch Long	12
21	34-62000-00	Spacer, Nylon	10
22	58-00511-08	Washer, Flat, Nylon, 0.031 Thick x 0.22 ID X 0.50 OD	6
23	66U1-5371	Screw, Cap, Hex Head Slotted, #8-32 x 1/2 Inch Long, SST	3
24	68-63749-00	Bracket, Data Communications Logic Board	2



13.4 Micromax Relay Board - With CAN - Option 4 (Left) (Continued)			
Item	Part Number	Description	Qty
25	68-63786-00	Bracket, FAI/PR/TB	1
26	68-63822-00	Panel, Base, .090 Thick Aluminum	1
27	22-62265-01	Harness, Data Communications	1
28	22-62039-01	Lock, Secondary Fuse Holder	26
29	12-00495-02SV	Thermistor Sensor Kit, (Replacement For 12-00305-04)	1
30	22-50098-91	Junction Block, $\frac{3}{8}$ - 16 Stud, Red	2
31	22-50098-91A	Junction Block, $\frac{3}{8}$ - 16 Stud, Black	2
32	58-00065-42	Grommet 3/4", Neoprene	1
33	22-01585-00SV	Connector (Clutch), Male, 2 Pin, Black	1
34	22-04116-01	Resistor Assembly 510 KOhms- 0.5 Watt	1



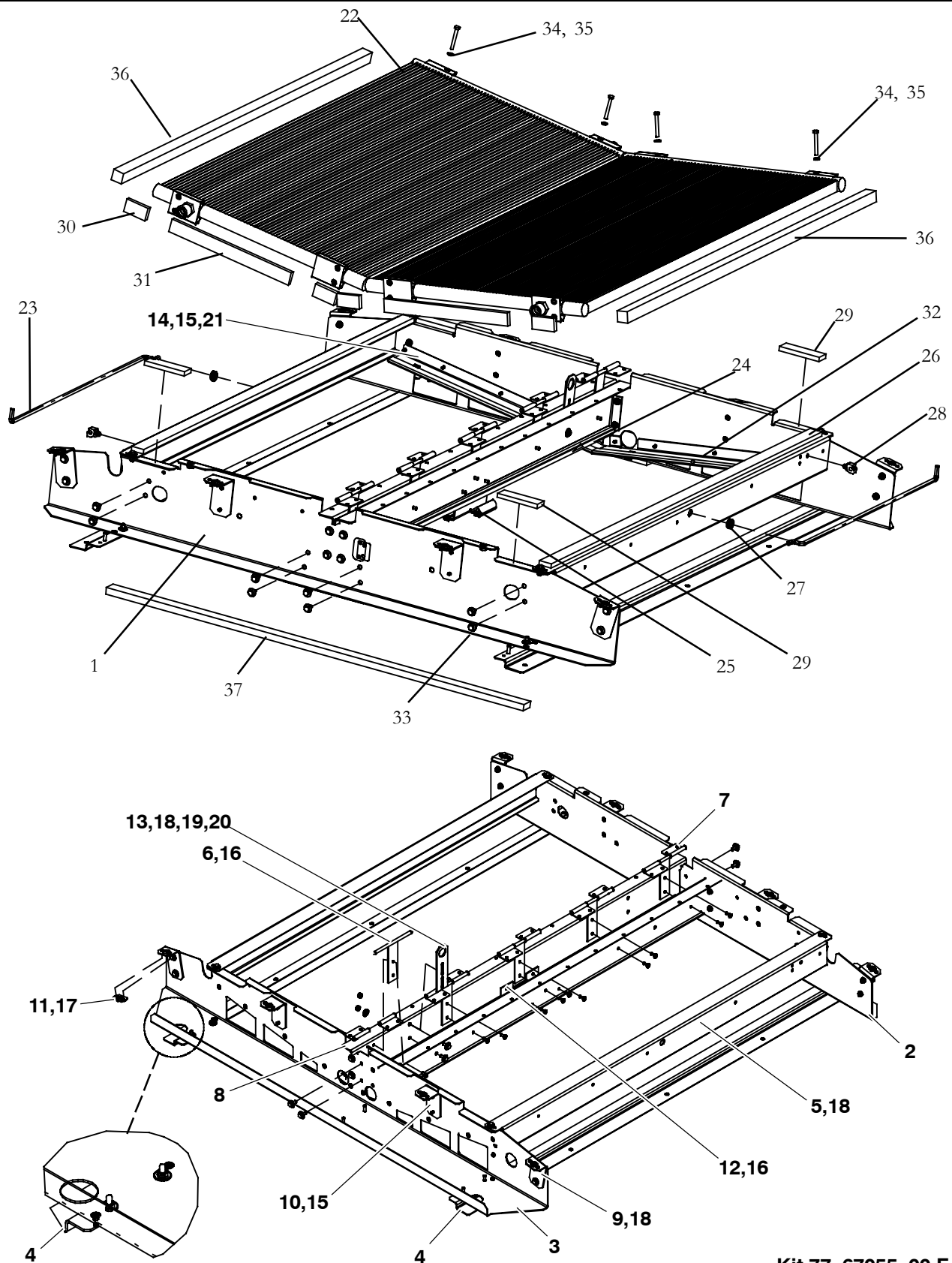
14 EVAPORATOR DECAL KIT



Item	Part Number	Description	Qty
1	62-62039-00	Label, Refrigerant, CHARGE ONLY WITH R-134a	1
2	62-62045-00	Label, WARNING: BEWARE OF FAN BLADES!	2
3	AC901-578-5	Label - CAUTION - UNIT-CHARGE-R134a	3



15 CONDENSER KIT - SINGLE CIRCUIT



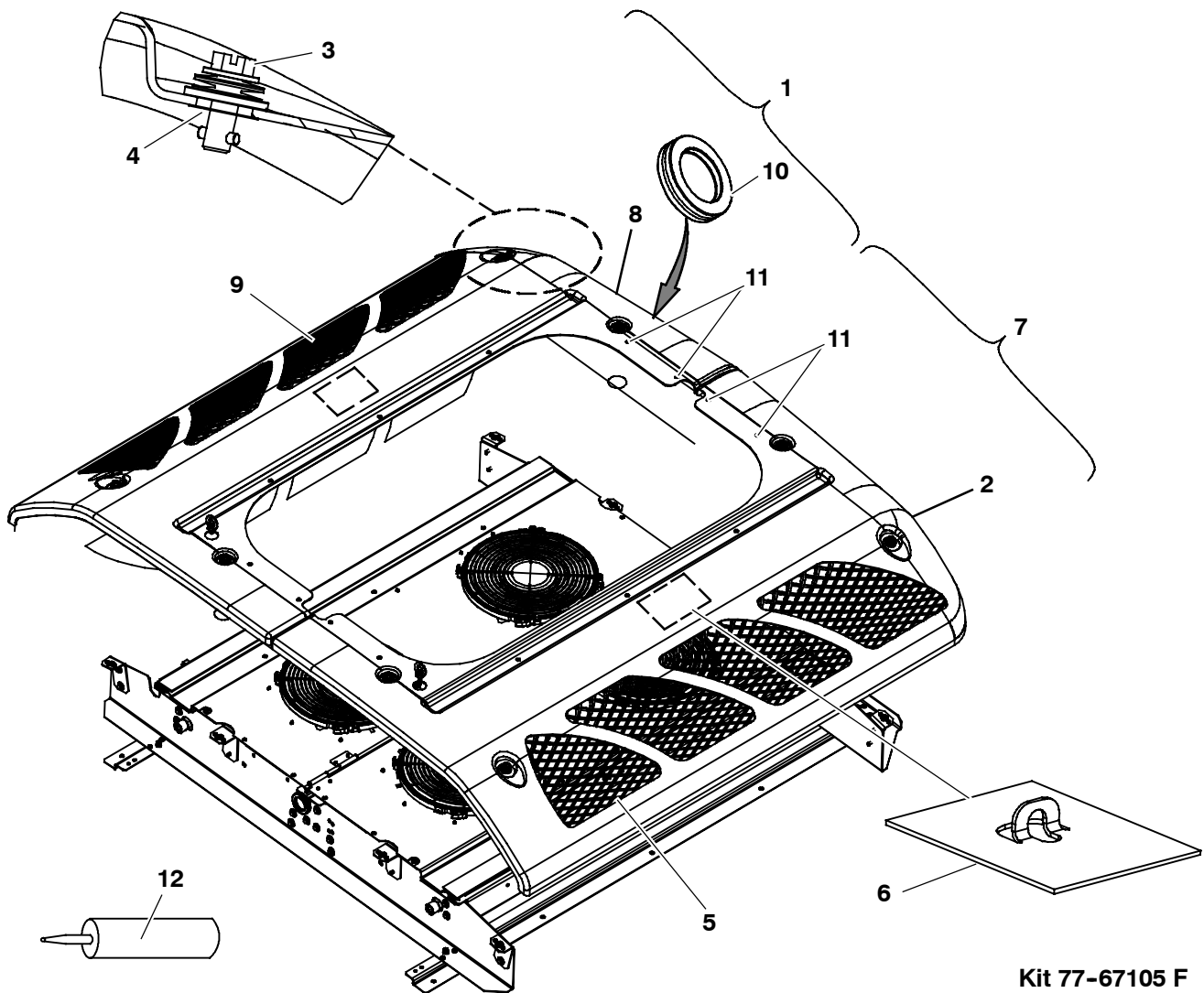
Kit 77-67055-00 F



15 CONDENSER KIT - SINGLE CIRCUIT (Continued)			
Item	Part Number	Description	Qty
1	79-67060-00	Housing Assembly, Condenser - Includes:	1
2	68-67132-00	Support Assembly, Frame	1
3	67-67284-00	Support, Frame	1
4	68-67134-00	Bracket Assembly, Mounting	2
5	68-67160-00	Support, Frame	2
6	86-67149-00	Hinge Assembly, Pin	5
7	86-67150-00	Hinge Assembly, Condenser Cover	10
8	67-67124-00	Support, Hinge Mounting	2
9	68-67179-00	Bracket, Cover Mounting	4
10	68-67304-00	Bracket, Cover mounting	4
11	34-62016-00	Plate, Locking, Cover Mounting	8
12	68-67159-00	Support	1
13	68-67135-00	Bracket, Lifting Plate	1
14	68-67264-00	Bracket, Coil Mounting	1
15	34-00774-09	Rivet, Blind, 0.188 Diameter, Grip range: 0.059 - 0.256	26
16	34-00774-10	Rivet, Blind, 0.188 Diameter, Grip range: 0.157 - 0.433	12
17	34-00928-08	Rivet, Blind, 0.156 Diameter, Grip range: 0.126 - 0.250, SST	16
18	34-01266-20	Screw, Hex Head, Slotted, Sems, M6 x 2mm, Zinc	20
19	34-60095-46	Washer, Lock, M6, Zinc	6
20	34-01184-06	Nut, Lock, Nylon Insert, M6, SST	6
21	34-60098-66	Nut, Retainer, M6, SST	4
22	08-67026-02	Coil Assembly, Condenser, MCHX	2
23	73-67013-00	Rod, Support	2
24	42-67039-01	Gasket, Formed Rubber, 47.24 Inches Long, Black	2
25	42-67039-02	Gasket, Formed Rubber, 2.75 Inches Long, Black	2
26	42-67009-09	Gasket, Tape, Adhesive Backed, 0.39 x 1.18 x 47.20 Inches Long, Black	2
27	58-00065-14	Grommet, 0.38 ID x 0.62 Hole, 0.12 Groove	2
28	58-62126-00	Clip, Support, 0.25 Inch Diameter	2
29	42-67009-04	Gasket, Tape, Adhesive Backed, 0.39 x 1.18 x 7.87 Inches Long, Black	4
30	42-67009-07	Gasket, Tape, Adhesive Backed, 0.39 x 1.18 x 2.17 Inches Long, Black	4
31	42-67009-08	Gasket, Tape, Adhesive Backed, 0.39 x 1.18 x 12.20 Inches Long, Black	2
32	42-67010-01	Gasket, Tape, Adhesive Backed, 0.20 x 0.79 x 20.87 Inches Long, Black	2
33	34-01266-20	Screw, Hex Head, Slotted, Sems, M6 x 20mm, Zinc	8
34	34-00967-50	Screw, Hex Head, M6 x 50mm Long, Zinc	4
35	34-60095-46	Washer, Lock, M6, Zinc	4
36	42-00221-24	Gasket, Tape, Adhesive Backed, 1.00 x 1.00 x 43.31 Inches Long, Black	2
37	42-67022-06	Insulation, Foam, 0.59 x 1.18 x 41.5 Inches	1



16 CONDENSER COVER KIT - Option 1 - STANDARD R10M, (SKINS)

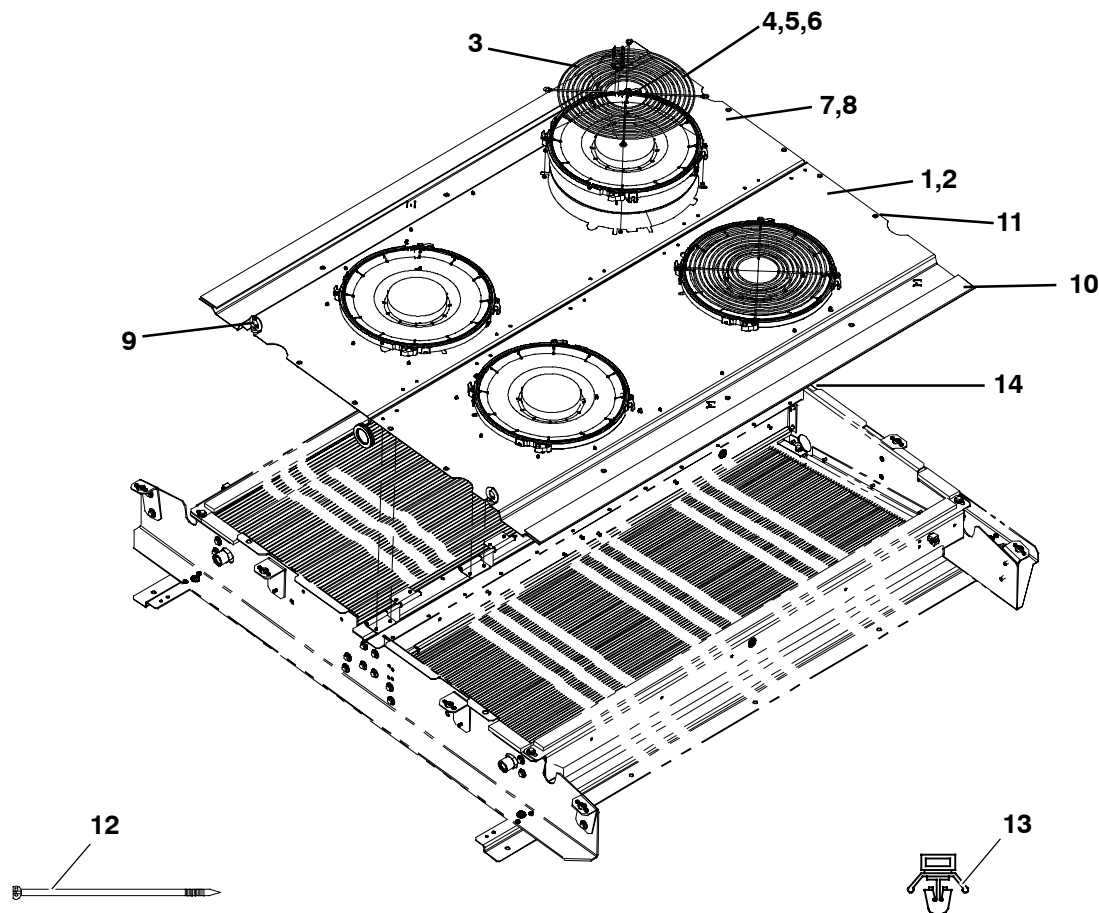


Item	Part Number	Description	Qty
1	79-67071-00	Cover Assembly, Condenser, Right , R10M - Includes:	1
2	58-67055-00	Cover, Condenser, Right , R10M	1
3	34-67009-00	Stud, Captive, 1/4 Turn, With Disc and Flat Washers	4
4	34-67025-00	Washer, Retaining, Steel	4
5	73-67011-00	Grill, Condenser, Right	1
6	68-67165-00	Bracket, Rod, Cover Support	1
7	79-67071-01	Cover Assembly, Condenser, Left , R10M - Includes:	1
8	58-67055-01	Cover, Condenser, Left , R10M	1
3	34-67009-00	Stud, Captive, 1/4 Turn, With Disc and Flat Washers	4
4	34-67025-00	Washer, Retaining, Steel	4
9	73-67011-01	Grill, Condenser, Left	1
6	68-67165-00	Bracket, Rod, Cover Support	1
10	58-60302-25	Grommet, 2.0mm x 21.0mm x 28.0mm	2
11	34-01266-20	Screw, Hex Head, Slotted, Sems, M6 x 20mm, Zinc	14
12	02-00067-04	Sealant, Adhesive Caulk, White, 10 Ounce Tube	A/R



17 CONDENSER FAN KIT

17.1 Condenser Fan Kit - Option 1 - 4 Brushless Motors

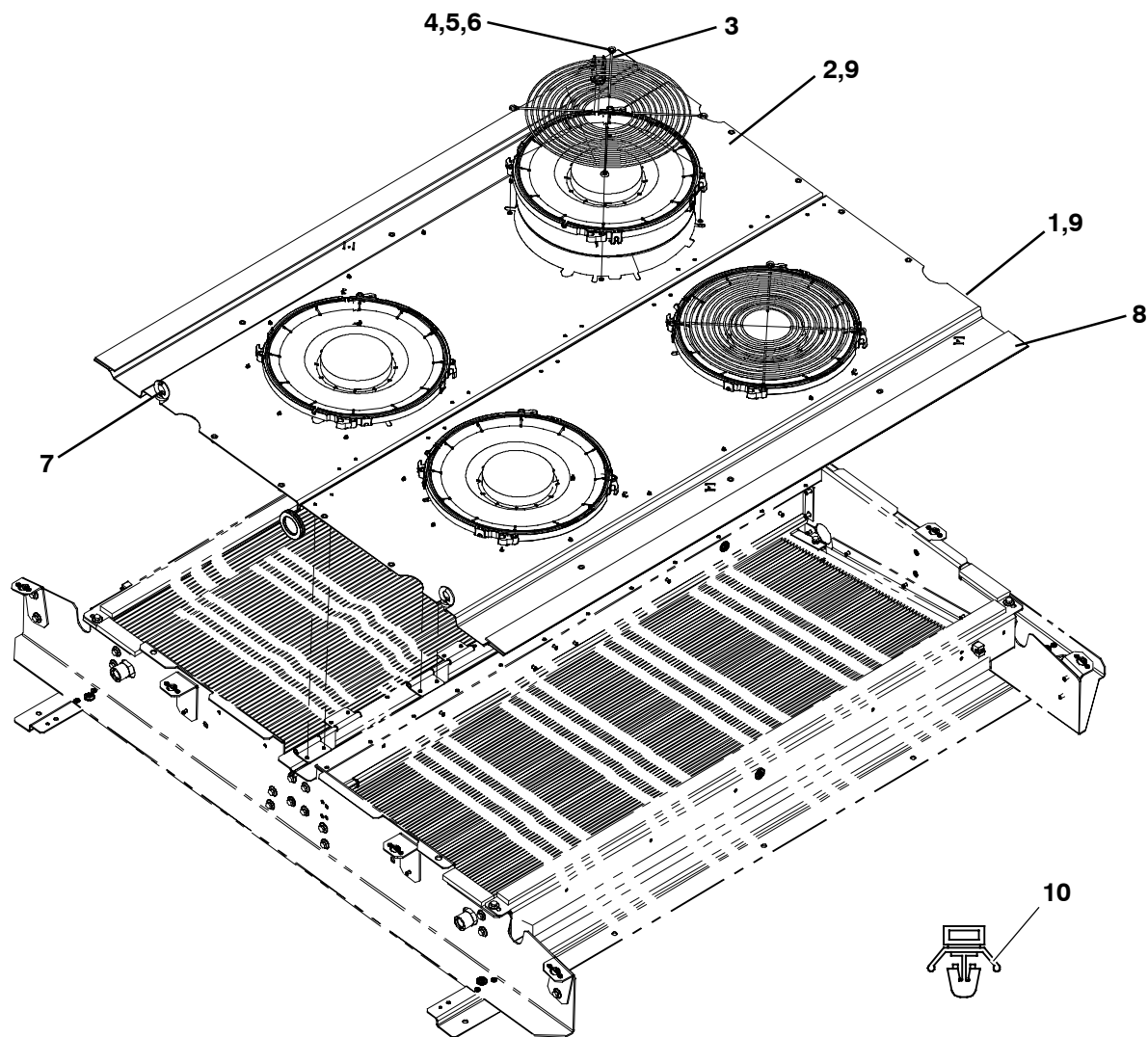


Kit 77-62258-02 B

Item	Part Number	Description	Qty
1	79-62138-02	Fan Deck Assembly, Includes:	1
2	67-62025-02	Cover, 4 Fans, Condenser	1
3	54-00634-00	Fan and Motor Assembly, Condenser, 24VDC (Brushless)	2
4	73-67002-00	Grille, Condenser Fan	2
5	34-60095-45	Washer, Lock, M5, SST	8
6	34-60000-30	Screw, Hex Head, M5 x 30mm Long, SST	8
7	79-62138-03	Fan Deck Assembly, Includes:	1
8	67-62025-03	Cover, 4 Fans, Condenser	1
3	54-00634-00	Fan and Motor Assembly, Condenser, 24VDC (Brushless)	2
4	73-67002-00	Grille, Condenser Fan	2
5	34-60095-45	Washer, Lock, M5, SST	8
6	34-60000-30	Screw, Hex Head, M5 x 30mm Long, SST	8
9	34-67000-01	Bolt, Eye, Lifting, M8	2
10	42-01270-00	Insulation, Adhesive Backed, 0.19 x 2.00 x 49.75 Inches Long, Black	2
11	34-00774-09	Rivet, Blind, 0.188 Diameter, Grip range: 0.059 - 0.256	20
12	58-00079-02	Sta-Strap 0 - 1.75" Diameter Cable	18
13	58-04315-00	Base, Mounting, Winged Cable Tie	22
14	58-60302-07	Grommet, Neoprene	1



17.2 Condenser Fan Kit - Option 2 - 4 Permanent Magnet Motors

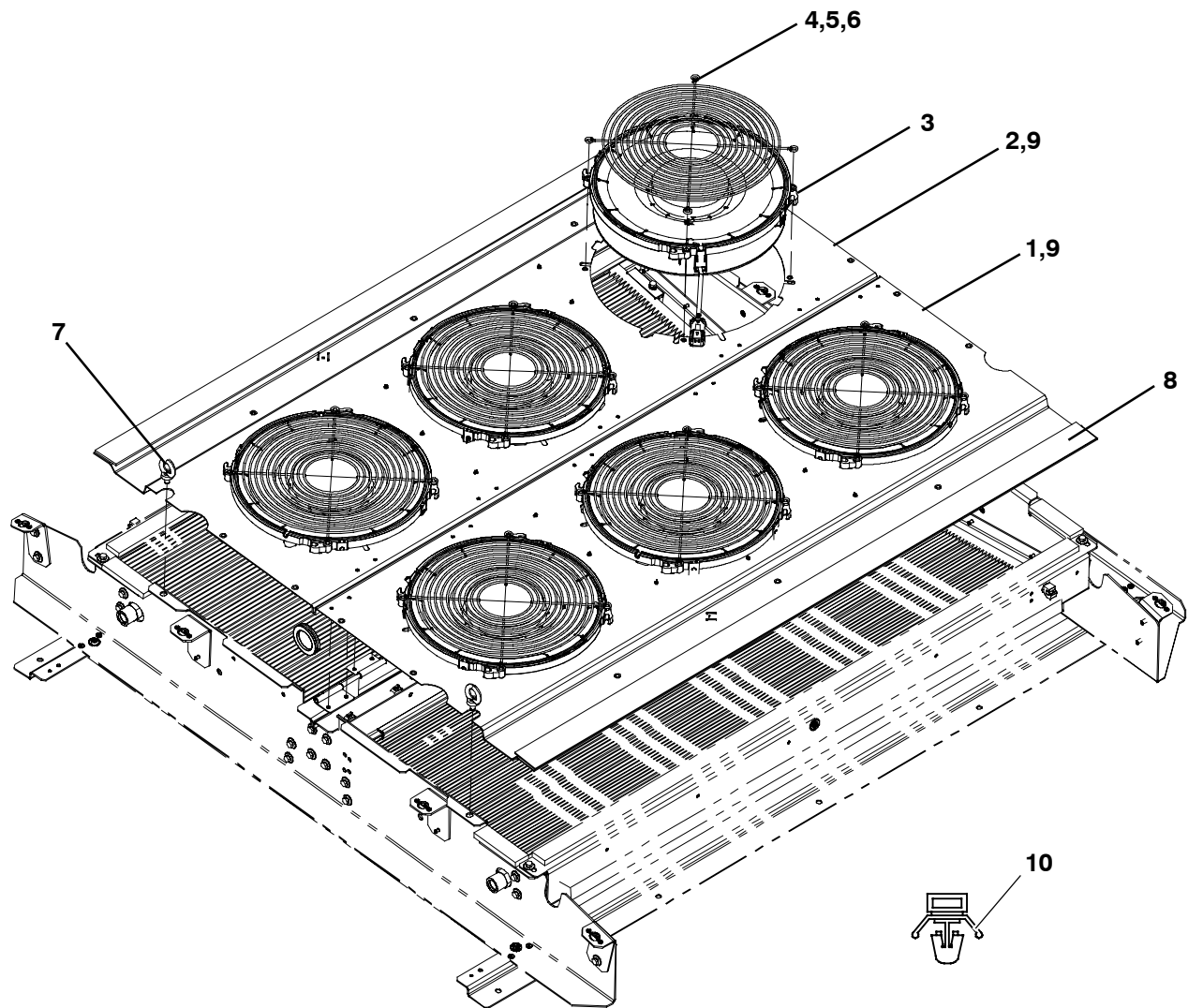


Kit 77-62258-04 B

Item	Part Number	Description	Qty
1	67-67116-02	Cover, Right, 4 Fans, Condenser	1
2	67-67116-03	Cover, Left, 4 Fans, Condenser	1
3	54-00622-00	Fan and Motor Assembly, Condenser, 24VDC (Permanent Magnet)	4
4	73-67002-00	Grille, Condenser Fan	4
5	34-60000-30	Screw, Hex Head, M5 x 30mm Long, SST	16
6	34-60095-45	Washer, Lock, M5, SST	16
7	34-67000-01	Bolt, Eye, Lifting, M8	2
8	42-01270-00	Insulation, Adhesive Backed, 0.19 x 2.00 x 49.75 Inches Long, Black	2
9	34-00774-09	Rivet, Blind, 0.188 Diameter, Grip Range: 0.059 - 0.256	20
10	58-04315-00	Base, Mounting, Winged Cable Tie	18



17.3 Condenser Fan Kit - Option 3 - 6 Brushless Motors

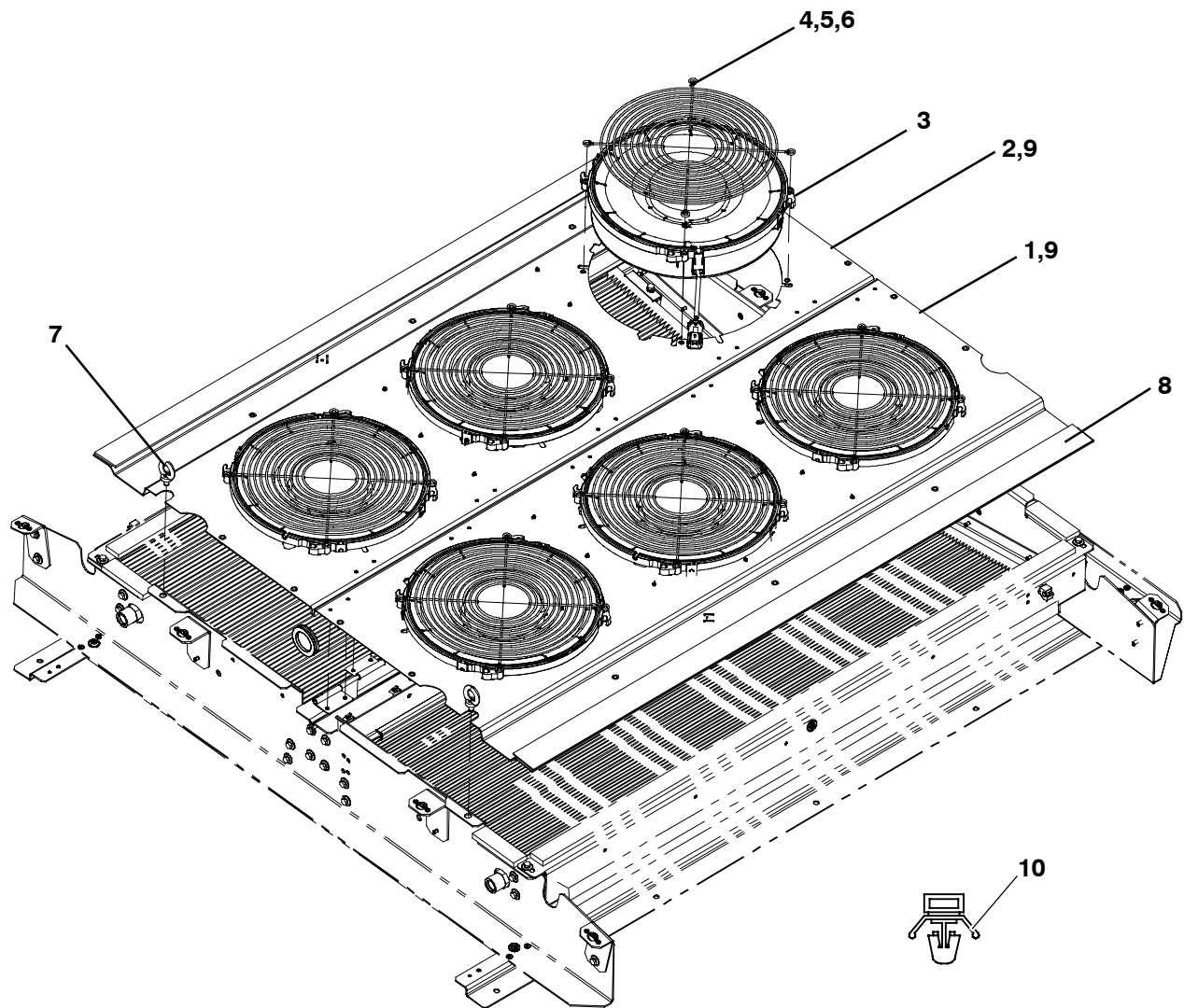


Kit 77-62258-05 C

Item	Part Number	Description	Qty
1	67-67116-00	Cover, Right, 6 Fans, Condenser	1
2	67-67116-01	Cover, Left, 6 Fans, Condenser	1
3	54-00634-00	Fan and Motor Assembly, Condenser, 24VDC (Brushless)	6
4	73-67002-00	Grille, Condenser Fan	6
5	34-60000-30	Screw, Hex Head, M5 x 30mm Long, SST	24
6	34-60095-45	Washer, Lock, M5 x 16mm O.D.	24
7	34-67000-01	Bolt, Eye, Lifting, M8	2
8	42-01270-00	Insulation, Adhesive Backed, 0.19 x 2.00 x 49.75 Inches Long, Black	2
9	34-00774-09	Rivet, Blind, 0.188 Diameter, Grip Range: 0.059 - 0.256	20
10	58-04315-00	Base, Mounting, Winged Cable Tie	22



17.4 Condenser Fan Kit - Option 4 - 6 Permanent Magnet Motors

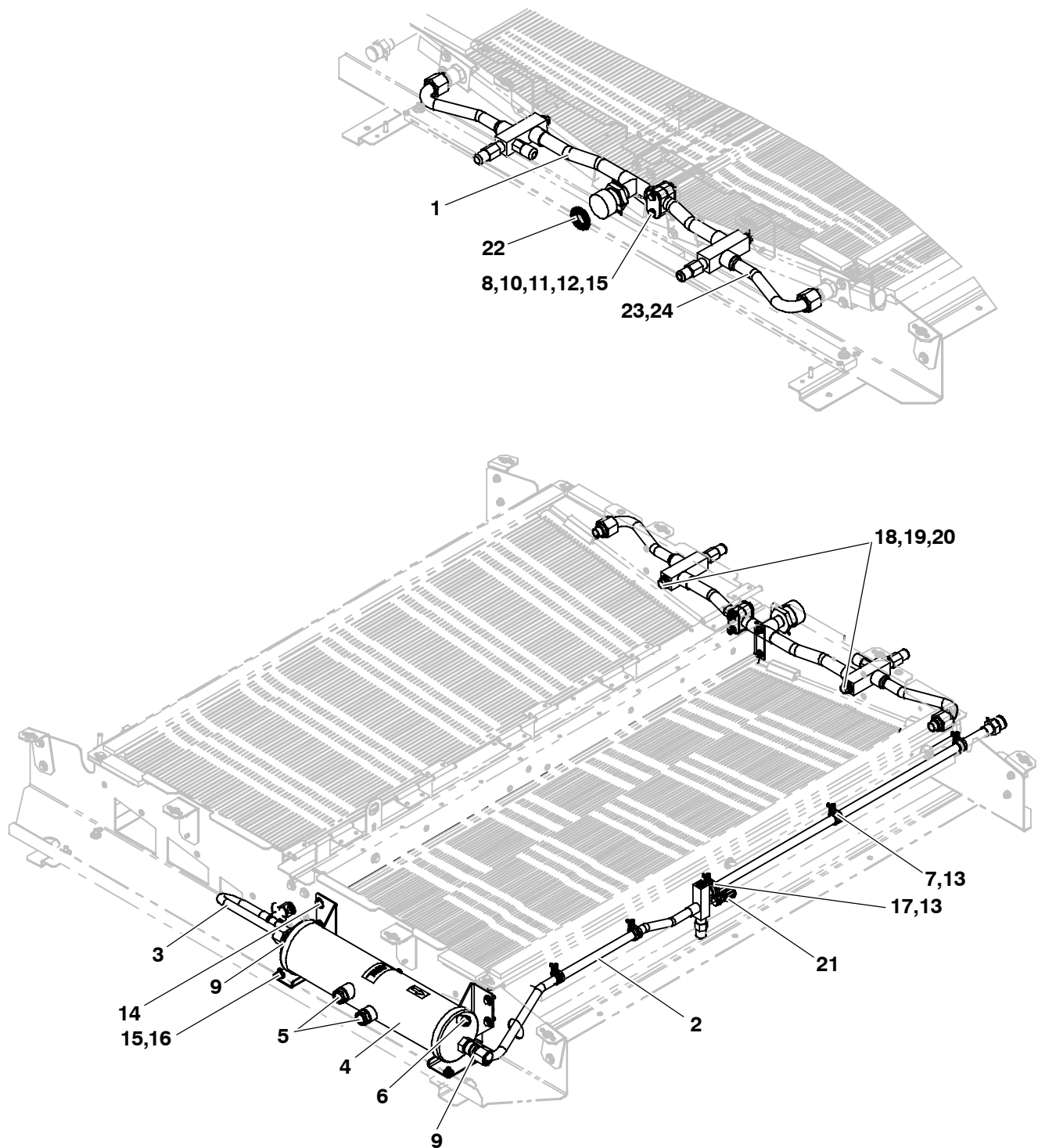


Kit 77-62258-07 A

Item	Part Number	Description	Qty
1	67-67116-00	Cover, Right, 6 Fans, Condenser	1
2	67-67116-01	Cover, Left, 6 Fans, Condenser	1
3	54-00622-00	Fan and Motor Assembly, Condenser, 24VDC (Permanent Magnet)	6
4	73-67002-00	Grille, Condenser Fan	6
5	34-60000-30	Screw, Hex Head, M5 x 30 mm Long, SST	24
6	34-60095-45	Washer, Lock, M5 x 16 mm O.D.	24
7	34-67000-01	Bolt, Eye, Lifting, M8	2
8	42-01270-00	Insulation, Adhesive Backed, 0.19 x 2.00 x 49.75 Inches Long, Black	2
9	34-00774-09	Rivet, Blind, 0.188 Diameter, Grip Range: 0.059 - 0.256	20
10	58-04315-00	Base, Mounting, Winged Cable Tie	28



18 CONDENSER CONNECTION KIT



Kit 77-67057-01 G

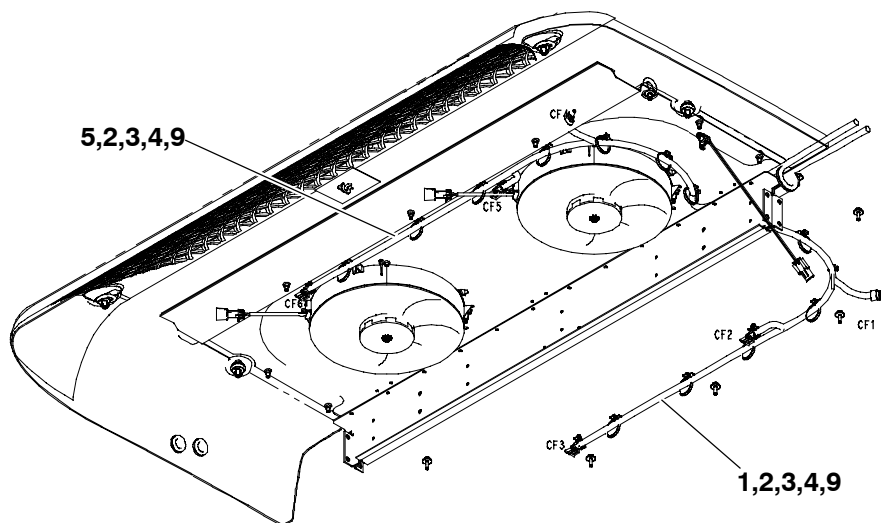
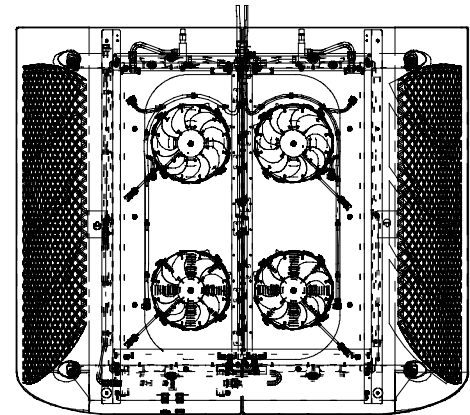
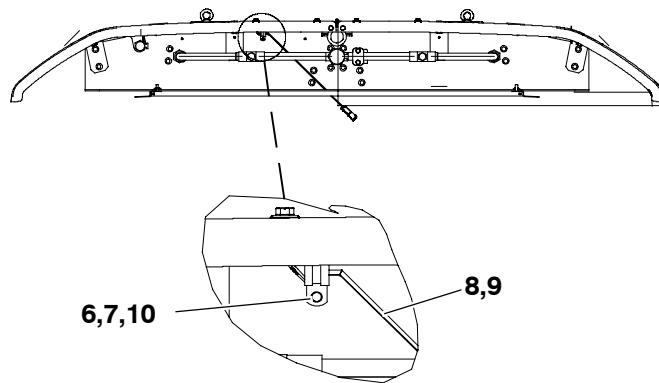


18 CONDENSER CONNECTION KIT (Continued)			
Item	Part Number	Description	Qty
1	81-02673-00	Tube Assembly, Discharge	1
2	81-02672-00	Tube Assembly, Liquid, Receiver	1
3	81-02668-00	Tube Assembly, Liquid, Receiver	1
4	65-67004-00	Receiver Assembly, Refrigerant - Includes:	1
5	14-00111-00	Sight Glass, Receiver, White Ball Float	2
6	14-01032-01	Plug, Fusible, Safety, 3/8 MPTF	1
7	34-00373-07	Clamp, Tube, Neoprene Cushion, 5/8 OD, SST	4
8	44-00285-60	Clamp, Tube, 7/8 OD, 3 Piece	1
9	42-00243-03	O-Ring, 0.614 ID x 0.070 Thick	2
10	44-00285-89	Cover, Top, Tube Clamp	1
11	34-60095-46	Washer, Lock, M6, Zinc	2
12	34-00967-60	Screw, Hex Head, M6 x 50mm Long, SST	2
13	34-00928-13	Rivet, Blind, 0.187 Diameter, Grip Range 0.126 to 0.250, SST	5
14	34-01266-20	Screw, Hex Head, Slotted, Sems, M6 x 20mm, Zinc	4
15	34-01184-06	Nut, Lock, Nylon Insert, M6, SST	6
16	34-00662-11	Washer, Plain, 1/4, SST	4
17	34-00373-09	Clamp, Tube, Neoprene Cushion, 3/4 OD, SST	1
18	34-00305-04	Screw, Hex Head, 3/8-24 x 1/2 Inch Long	2
19	34-00588-13	Washer, Plain, SAE, 3/8	2
20	34-00368-15	Washer, Split Lock, 1/2	2
21	40-00520-01	Coupling, Service Port, High Side, M15 - Includes:	1
22	42-00243-00	O-Ring, 0.921 ID x 0.139 Thick	1
23	AC901-578-2	Label - CAUTION - UNIT-CHARGE-R134A	1
24	58-00079-02	Sta-Strap, 0 - 1.75" Diameter Cable	1

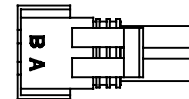


19 CONDENSER ELECTRICAL KIT

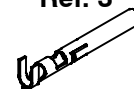
19.1 Condenser Electrical Kit - Option 1 - Permanent Magnet Motors



Ref. 2



Ref. 3



Ref. 4

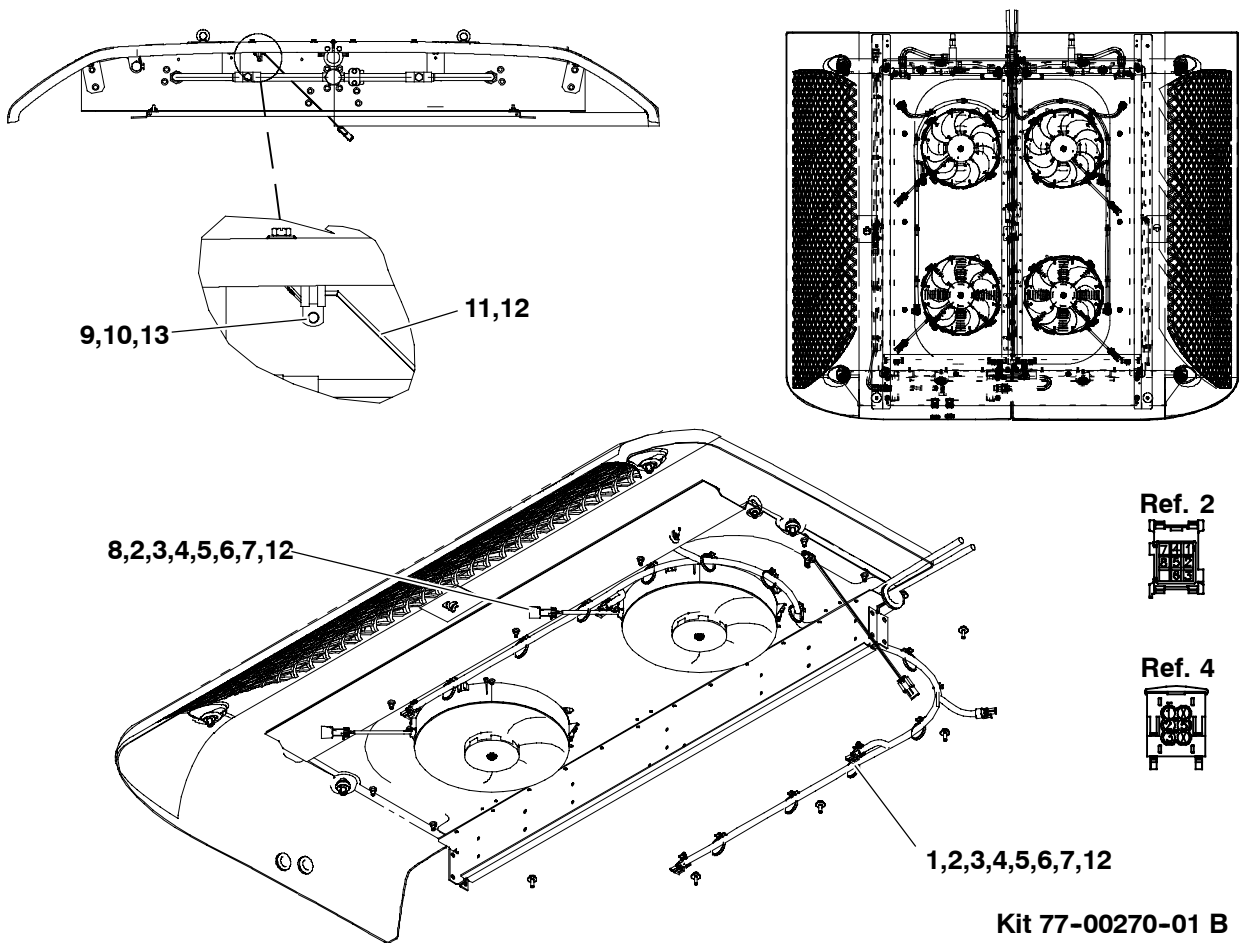


Kit 77-00270-00 B

Item	Part Number	Description	Qty
1	22-62292-00	Harness, AC353, G4, Permanent Magnet Motors - Includes:	1
2	22-01585-00	Connector, CF1, CF2, CF3	3
3	22-01566-00	Terminal, Female	A/R
4	22-02394-00	Seal	A/R
5	22-62292-01	Harness, AC353, G4, PM Motors - Includes:	1
2	22-01585-00	Connector, CF4, CF5, CF6	3
3	22-01566-00	Terminal, Female	A/R
4	22-02394-00	Seal	A/R
6	34-00373-03	Clamp, Tube, 0.38 Diameter, Cushion, Steel	1
7	34-00774-09	Rivet, Blind, 0.188 Diameter, Grip range: 0.059 - 0.256	1
8	58-04315-00	Base, Mounting, 0.250 Diameter Mounting Hole, Nylon	1
9	58-00079-02	Sta-Strap, 0-1.75 Inch Diameter Cable, Nylon	17
10	12-00305-07	Ambient Temperature Sensor	1



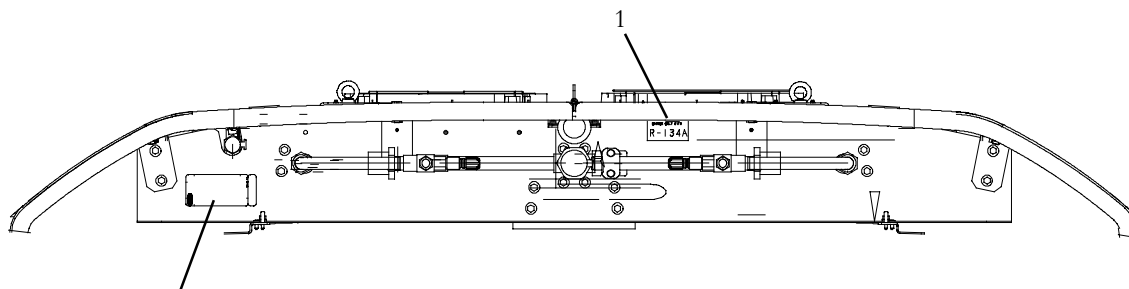
19.2 Condenser Electrical Kit - Option 2 - Brushless Motors



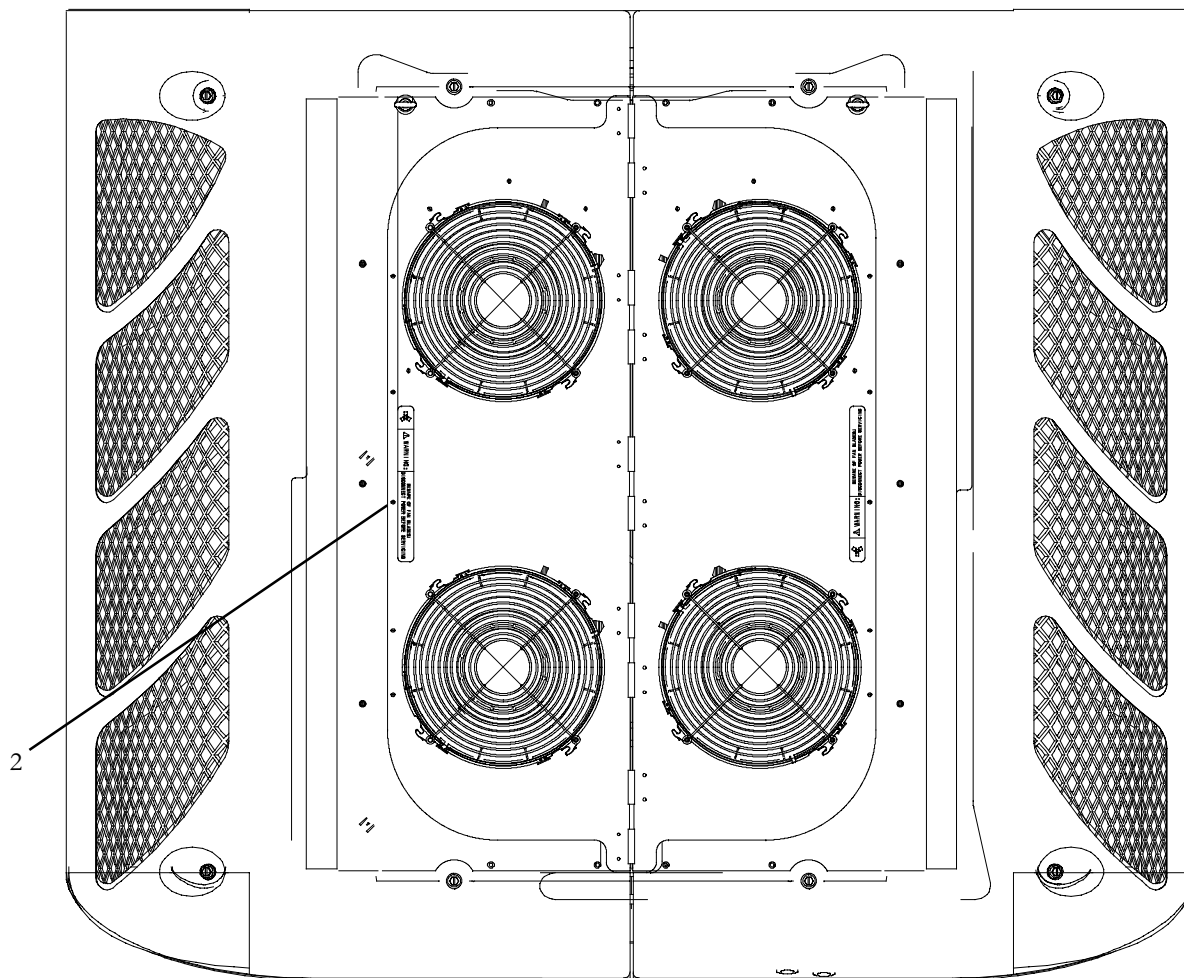
Item	Part Number	Description	Qty
1	22-62292-03	Harness, AC353, G4, Brushless Motors - Includes:	1
2	22-50099-41	Connector, X13	1
3	22-50099-41A	Terminal, X13	A/R
4	22-50099-40	Connector, XM17, XM18, XM19	3
5	22-50099-40A/B	Terminal, XM17, XM18, XM19	A/R
6	22-50099-40C/D	Wire Seal, XM17, XM18, XM19	A/R
7	22-50099-40E	Terminal Cavity Plug, XM17, XM18, XM19	A/R
8	22-62292-04	Harness, AC353, G4, Brushless Motors - Includes:	1
2	22-50099-41	Connector, X14	1
3	22-50099-41A	Terminal, X14	A/R
4	22-50099-40	Connector, XM20, XM21, XM22	3
5	22-50099-40A/B	Terminal, XM20, XM21, XM22	A/R
6	22-50099-40C/D	Wire Seal, XM20, XM21, XM22	A/R
7	22-50099-40E	Terminal Cavity Plug, XM20, XM21, XM22	A/R
9	34-00373-03	Clamp, Tube, 0.38 Diameter, Cushion, Steel	1
10	34-00774-09	Rivet, Blind, 0.188 Diameter, Grip Range: 0.059 - 0.256	1
11	58-04315-00	Base, Mounting, 0.250 Diameter Mounting Hole, Nylon	1
12	58-00079-02	Sta-Strap, 0-1.75 Inch Diameter Cable, Nylon	17
13	12-00305-07	Ambient Temperature Sensor	1



20 CONDENSER DECAL KIT



PID and MODEL/SERIAL NUMBER



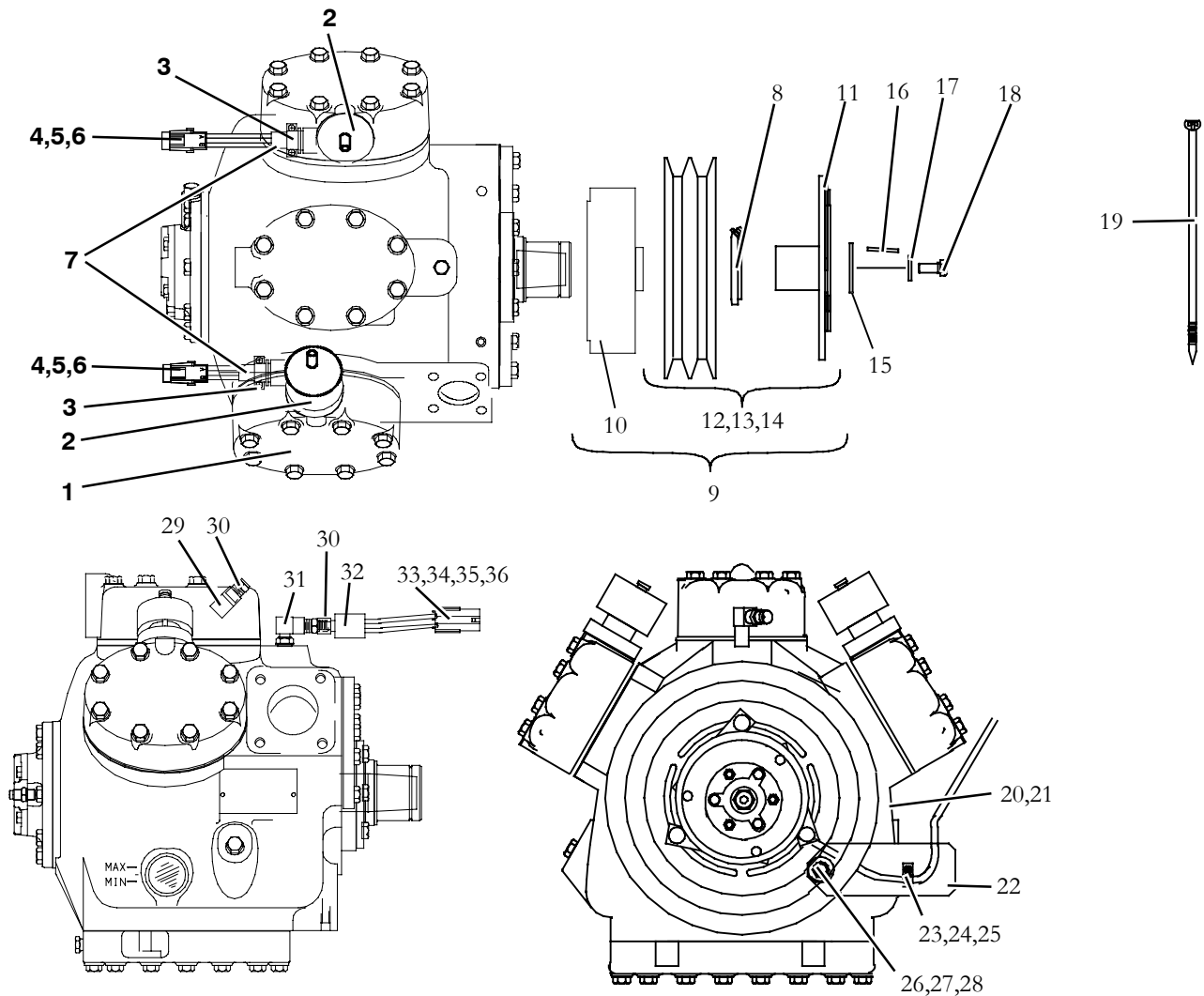
Kit 77-00325-00 A

Item	Part Number	Description	Qty
1	62-62039-00	Label, Refrigerant, CHARGE ONLY WITH R-134a	1
2	62-62045-00	Label, WARNING: BEWARE OF FAN BLADES! DISCONNECT POWER	2



21 COMPRESSORS

21.1 Compressor Components - 68AC353-102-1



68PD541-124-79

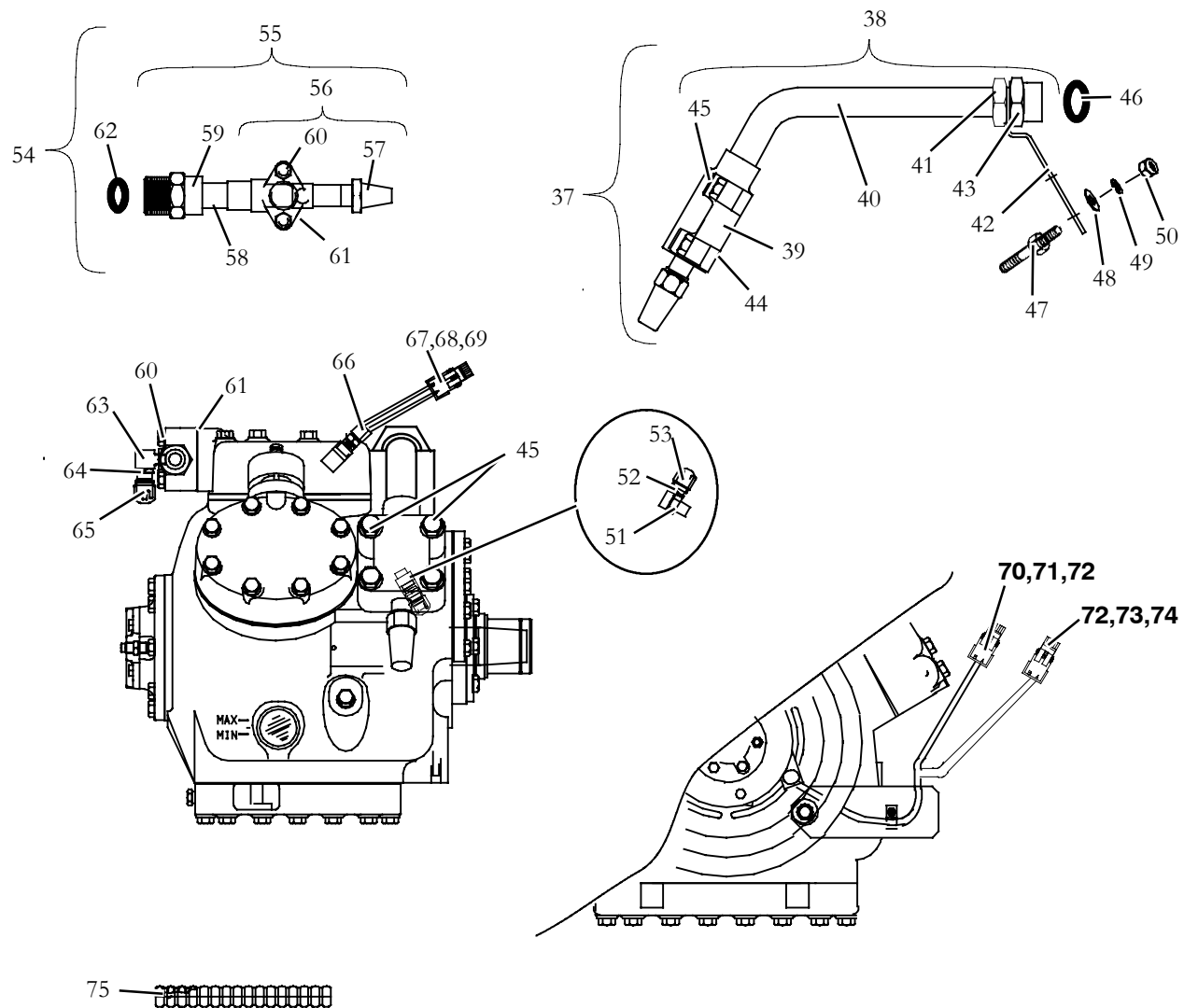
Item	Part Number	Description	Qty
1	17-44062-00	Compressor Assembly, 05G Service (Remanufactured, 41 CFM)	1
	18-00091-160	Compressor Assembly, 05G Service (New, Twin Port, 41 CFM)	
2	22-02804-02	Coil, Solenoid, Compressor Unloader, 24 VDC	2
3	69ND35-1781	Connector, Straight, 2-Screw	2
4	22-02392-01	Connector, 2 Pin, Medium Gray	2
5	22-02393-01	Terminal, Male (18-20 AWG)	4
6	22-02394-00	Seal, Cable, Gray	4
7	66NS0801CD0020	Sleeve, 0.50 ID x .062W x 2.00 Inches Long	2
8	34-06083-00	Nut, Lock, Clutch, Special	1
9	50-01122-14	Clutch Assembly, 24 VDC (Less Lock Nut Item 8) - Includes:	1
10	50-01122-50	Coil, Clutch, 24 VDC	1
11	NSS	Armature Assembly	1
12	50-01122-93	Rotor and Armature Assembly (2-5V Groove, 10.5 Inch OD) - Includes:	1
13	04-00130-00	Bearing	1
14	34-01186-00	Ring, Retainer	1



21.1 Compressor Components - 68AC353-102-1 (Continued)			
Item	Part Number	Description	Qty
15	68G2-9082	Washer, Special, 7/16 ID	1
16	68G2-9072	Key, Crankshaft, Special	1
17	AU11AR241	Washer, Lock, 3/8 Spring	1
18	34-00613-10	Screw, Hex Head Cap, $\frac{3}{8}$ - 24 x 1.25. SAE Grade 8, Zinc Plated	1
19	66U1-3882	Wire Tie, Self-Locking, 7 Inches	1
20	62-02444-00	Label, Charge Only With R-134a	1
21	62-02913-00	Label, POE Oil, Compressor	1
22	68PD1-1202	Bracket, Clutch Wire Support	1
23	34-00373-51	Clamp, Tube, 0.25 Inch Diameter, Cushioned	1
24	34-00827-10	Screw, Machine, Slotted, #8-32 x 0.625	1
25	AT31AB101	Nut, Hex, KEPS, #8-32	1
26	17-40037-05	Screw, Hex Head Cap, $\frac{3}{8}$ - 16 x 1.00 Long	1
27	AU02AB242	Washer, Plain, 3/8 SAE	1
28	34-00372-13	Washer, Lock, 3/8, External Tooth	1
29	14-01093-00	Snubber Assembly, 90 Degree, 1/4 MPT x 1/4 FPT	1
30	06DA403844	Valve Assembly, Schrader, 1/4 Male Flare	2
31	40-01166-01	Elbow, Adapter, 1/4 FPT x 7/16 UNC	1
32	12-00299-01	Switch, Pressure, Low - Includes:	1
33	22-02392-00SV	Connector Kit, 2 Pin - Includes:	1
34	NSS	Connector, Male, 2 Pin, Black	1
35	22-02393-00	Terminal, Male (14-16 AWG)	2
36	22-02394-01	Seal, Cable, Blue	2



21.1 Compressor Components - 68AC353-102-1 (Continued)



68PD541-124-79

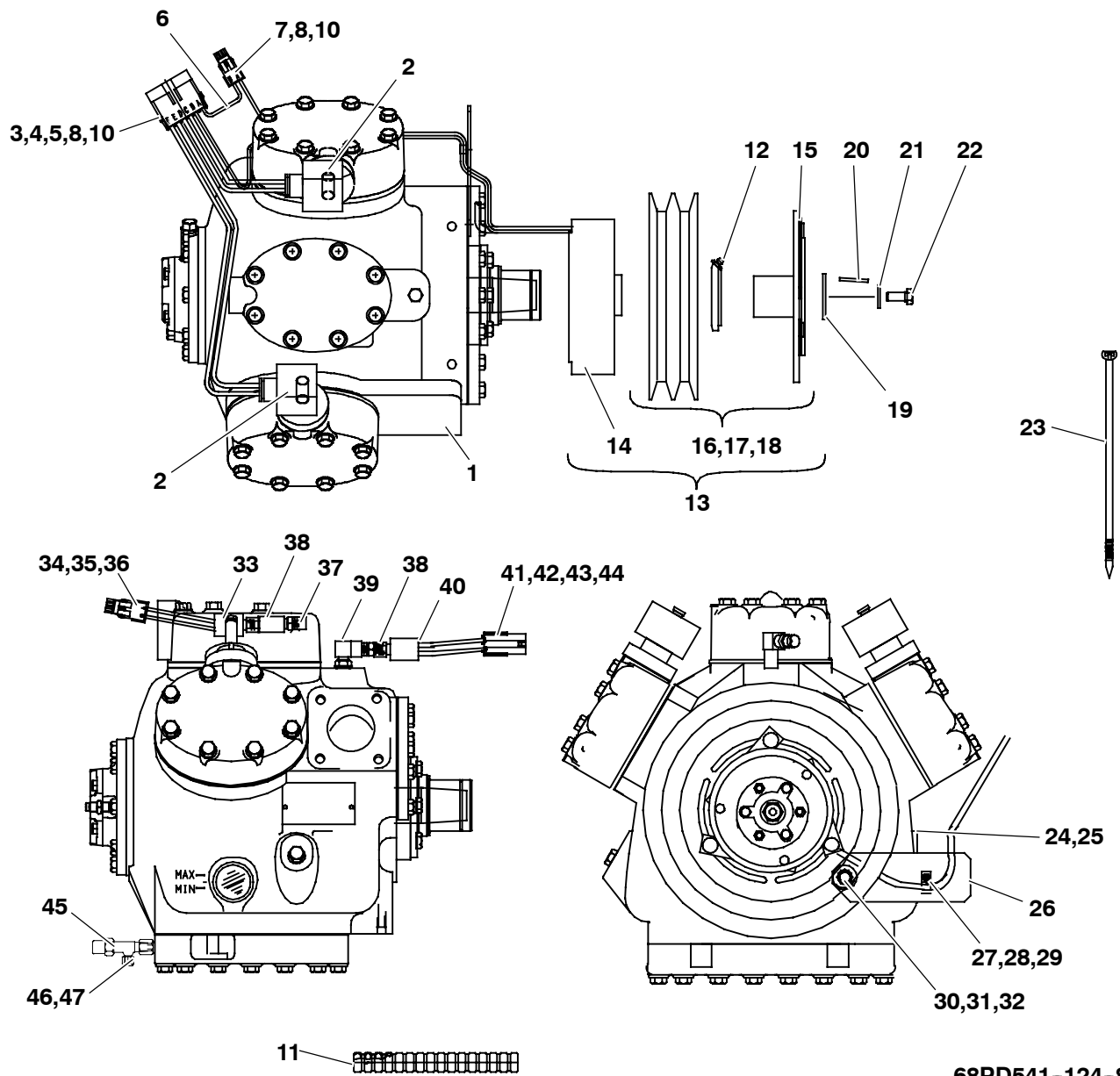
Item	Part Number	Description	Qty
37	68PD2-110-47	Valve Assembly, Suction, Service - Includes:	1
38	81-01599-01	Valve Assembly, Suction, With Tube and Bracket - Includes:	1
39	17-31062-00	Valve, Suction, Service, 1-3/8 ODF	1
40	56-07645-00	Tube, Bent, 1-1/8 OD x .065W Steel	1
41	40-00491-01	Fitting, ORS, 1.125 ODF x 1-11/16-12	1
42	68-08161-00	Bracket, Tube Support	1
43	34-06088-01	Nut, Hex, ORS, 1-5/8-12	1
44	17-40005-05	Gasket, Suction Service Valve (Valve To Compressor)	1
45	17-13020-00	Bolt, Hex Head, 1/2 - 13 x 2.50 Inches Long	4
46	42-00243-01	O-Ring, 1.17 ID x 0.139 Thick	2
47	17-44017-00	Stud, Hex Head, 3/8 - 16 x 3.25 x .87	2
48	34-00662-13	Washer, Plain, 3/8 Medium	4
49	AU11JR241	Washer, Lock, 3/8 Spring	2
50	34-00666-13	Nut, Hex, 3/8 - 16	2



21.1 Compressor Components - 68AC353-102-1 (Continued)			
Item	Part Number	Description	Qty
51	40-00524-00	Elbow, 1/4 NPT x M13, Low Pressure Side	1
52	40-00520-00	Coupling, Service Port, M13, R-134a - Includes:	1
53	40-00520-02	Cap, Service Port	1
54	68PD2-110-96	Valve Assembly, Discharge, Service - Includes:	1
55	81-01569-03	Valve Assembly, Discharge - Includes:	1
56	14-01042-10	Valve, Discharge, Service, 7/8 ODF - Includes:	1
57	17-10812-00	Cap, Service Valve Stem, With "O" Ring, Plastic	1
58	56-07646-00	Tube, Straight, 7/8 OD x .049W x 2.95 Long, Steel	1
59	40-00491-00	Fitting, ORS, 7/8 ODF x 1-7/16	1
60	17-10811-05	Gasket, Discharge Service Valve (Valve To Compressor)	1
61	17-40012-00	Bolt, Hex Head, 5/16-18 x 2.00 Inches Long	2
62	42-00243-00	O-Ring, ORS-10, 0.921 ID x 0.139 Thick	2
63	40-00524-01	Elbow, 1/8 NPT x M15, High Pressure Side	1
64	40-00520-01	Coupling, Service Port, M15, R-134a - Includes:	1
65	40-00520-03	Cap, Service Port	1
66	12-00299-03	Switch, Pressure, High - Includes:	1
67	22-02392-01	Connector, Male, 2 Pin, Medium Gray	1
68	22-02393-00	Terminal, Male (14-16 AWG)	2
69	22-02394-01	Seal, Cable, Blue	2
70	22-01585-02	Connector (Clutch), Male, 2 Pin, Gray	1
71	22-02393-00	Terminal, Male (14-16 AWG)	2
72	22-02394-01	Seal, Cable, Blue	4
73	22-01585-00SV	Connector (Clutch), Male, 2 Pin, Black	1
74	22-01566-00	Terminal, Female (14-16 AWG)	2
75	58-00858-00	Tubing, Split, Corrugated, 1/4 Inch ID x 25 Feet Long	1



21.2 Compressor Components - 68AC353-102-2, -3, -4, -5, -6



68PD541-124-84

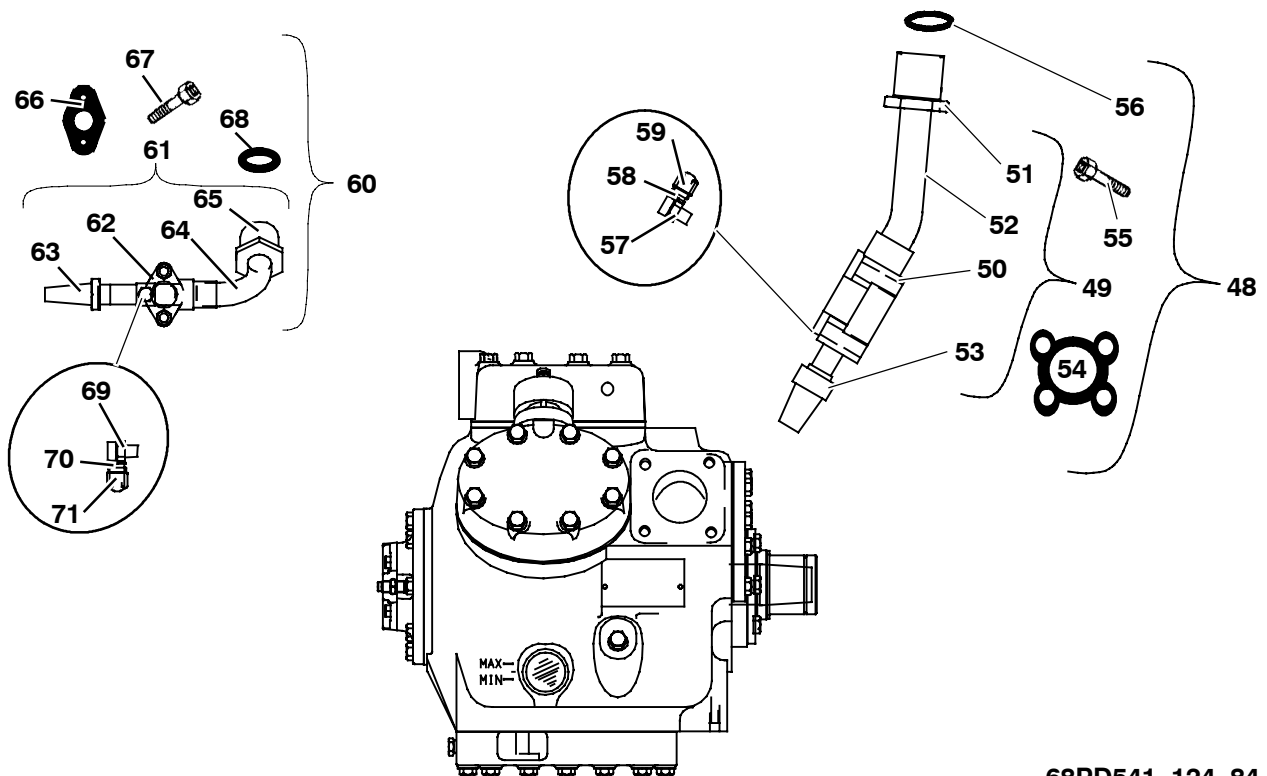
Item	Part Number	Description	Qty
1	17-44062-00	Compressor Assembly, 05G Service (Remanufactured, 41 CFM)	1
	18-00091-160	Compressor Assembly, 05G Service (New, Twin Port, 41 CFM)	
2	22-02804-02	Coil, Solenoid, Compressor Unloader, 24 VDC	2
3	22-02393-01	Terminal, Male (18-20 AWG)	4
4	22-02394-00	Seal, Cable, Gray	4
5	22-01775-00	Connector (Unloader), Female, 6 Pin, Gray	1
6	22-01595-25	Wire, 16 Gauge, Black, 6 Inches Long	1
7	22-01585-00SV	Connector (Clutch), Male, 2 Pin, Black	1
8	22-02393-00	Terminal, Male (14-16 AWG)	4
9	22-01566-00	Terminal, Female (14-16 AWG)	2
10	22-02394-01	Seal, Cable, Blue	4
11	58-00858-00	Tubing, Split, Corrugated, 1/4 Inch ID x 25 Feet Long	1



21.2 Compressor Components - 68AC353-102-2, -3, -4, -5, -6 (Continued)			
Item	Part Number	Description	Qty
12	34-06083-00	Nut, Lock, Clutch, Special	1
13	50-01122-12	Clutch Assembly, 24 VDC (Less Lock Nut Item 3) - Includes:	1
14	50-01122-50	Coil, Clutch, 24 VDC	1
15	NSS	Armature Assembly	1
16	50-01122-68	Rotor And Armature Assy. (2-5V Groove AT 8.7 Inch OD) - Includes:	1
17	04-00130-00	Bearing	1
18	34-01186-00	Ring, Retainer	1
19	68G2-9082	Washer, Special, 7/16 ID	1
20	68G2-9072	Key, Crankshaft, Special	1
21	AU11AR241	Washer, Lock, 3/8 Spring	1
22	34-00613-10	Screw, Hex Head Cap, 3/8-24 x 1.25. SAE Grade 8, Zinc Plated	1
23	66U1-3882	Wire Tie, Self-Locking, 7 Inches	1
24	62-02444-00	Label, Charge Only With R-134a	1
25	62-02913-00	Label, POE Oil, Compressor	1
26	68PD1-1202	Bracket, Clutch Wire Support	1
27	34-00373-51	Clamp, Tube, 0.25 Inch Diameter, Cushioned	1
28	34-00827-10	Screw, Machine, Slotted, #8-32 x 0.625	1
29	AT31AB101	Nut, Hex, KEPS, #8-32	1
30	17-40037-05	Screw, Hex Head Cap, 3/8-16 x 1.00 Long	1
31	AU02AB242	Washer, Plain, 3/8 SAE	1
32	34-00372-13	Washer, Lock, 3/8, External Tooth	1
33	12-00299-03	Switch, Pressure, High - Includes:	1
34	22-02392-00	Connector, Male, 2 Pin, Black	1
35	22-02393-00	Terminal, Male (14-16 AWG)	2
36	22-02394-01	Seal, Cable, Green	2
37	14-01093-00	Snubber Assembly, 90 Degree, 1/4 MPT x 1/4 FPT	1
38	06DA403844	Valve Assembly, Schrader, 1/4 Male Flare	2
39	40-01166-01	Elbow, Adapter, 1/4 FPT x 7/16 UNC	1
40	12-00299-01	Switch, Pressure, Low - Includes:	1
41	22-02392-00SV	Connector Kit, 2 Pin - Includes:	1
42	NSS	Connector, Male, 2 Pin, Black	1
43	22-02393-00	Terminal, Male (14-16 AWG)	2
44	22-02394-01	Seal, Cable, Blue	2
45	EP23LC090	Valve, Angle, 1/4 MPT Inlet x 1/4 MFL Outlet (Oil Drain)	1
46	40-00528-01	Connector, 1/4 FPT x 7/16-20, Steel	1
47	42-00243-07	O-Ring, 0.351 ID x 0.072 Thick	2



21.2 Compressor Components 68AC353-102-2, -3, -4, -5, -6 (Continued)

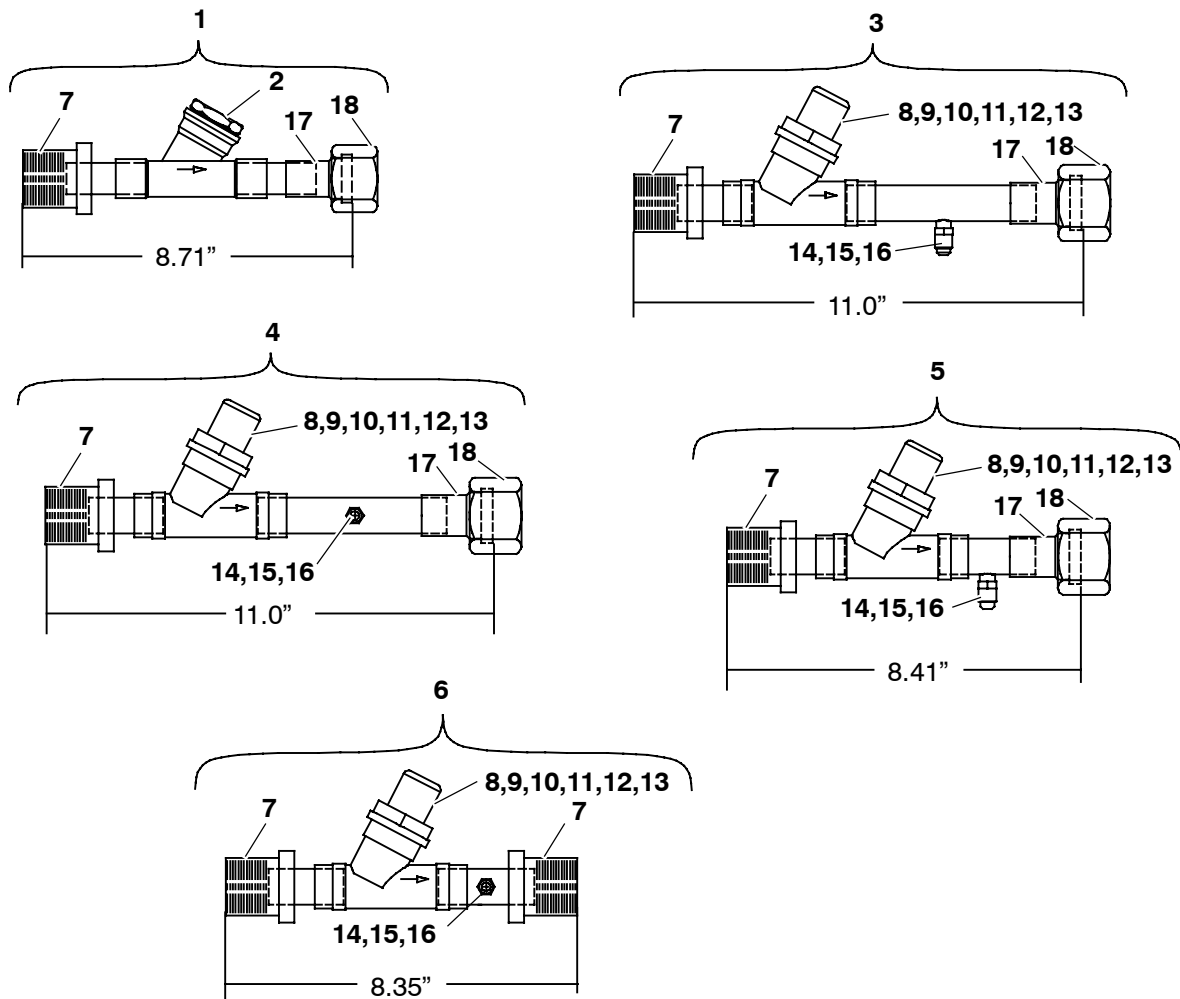


68PD541-124-84

Item	Part Number	Description	Qty
48	68PD2-110-49	Valve Assembly, Suction, Service - Includes:	1
49	81-02665-00	Valve Assembly, Suction, With Tube - Includes:	1
50	14-00171-01	Valve, Suction, Service, 1-1/8 ODF	1
51	40-00491-08	Fitting, ORS, 1-1/8 ODF x 1-11/16-12	1
52	56-03914-01	Tube, Suction, Bent, 1-1/8 OD x .065W, Steel	1
53	17-10812-00	Cap, Service Valve Stem, With "O" Ring, Plastic	1
54	17-40005-05	Gasket, Suction Service Valve (Valve To Compressor)	1
55	17-13020-00	Bolt, Hex Head, 1/2 - 13 x 2.50 Inches Long	4
56	42-00243-01	O-Ring, 1.17 ID x 0.139 Thick	2
57	40-00524-00	Elbow, 1/4 NPT x M13, Low Pressure Side	1
58	40-00520-00	Coupling, Service Port, M13, R-134a - Includes:	1
59	40-00520-02	Cap, Service Port	1
60	68PD2-110-97	Valve Assembly, Discharge, Service - Includes:	1
61	68PD1-333-9	Valve Assembly, Discharge, With Tube and Fitting - Includes:	1
62	14-01042-10	Valve, Discharge, Service, 7/8 ODF - Includes:	1
63	17-10812-00	Cap, Service Valve Stem, With "O" Ring, Plastic	1
64	68PD1-1092-2	Tube, Bent, 7/8 OD x .049W, Steel	1
65	40-00491-00	Fitting, ORS, 7/8 ODF x 1-7/16	1
66	17-10811-05	Gasket, Discharge Service Valve (Valve To Compressor)	1
67	17-40012-00	Bolt, Hex Head, 5/16-18 x 2.00 Inches Long	2
68	42-00243-00	O-Ring, ORS-10, .921 ID x .139 Thick	2
69	40-00524-01	Elbow, 1/8 NPT x M15, High Pressure Side	1
70	40-00520-01	Coupling, Service Port, M15, R-134a - Includes:	1
71	40-00520-03	Cap, Service Port	1



22 CHECK VALVE ASSEMBLIES

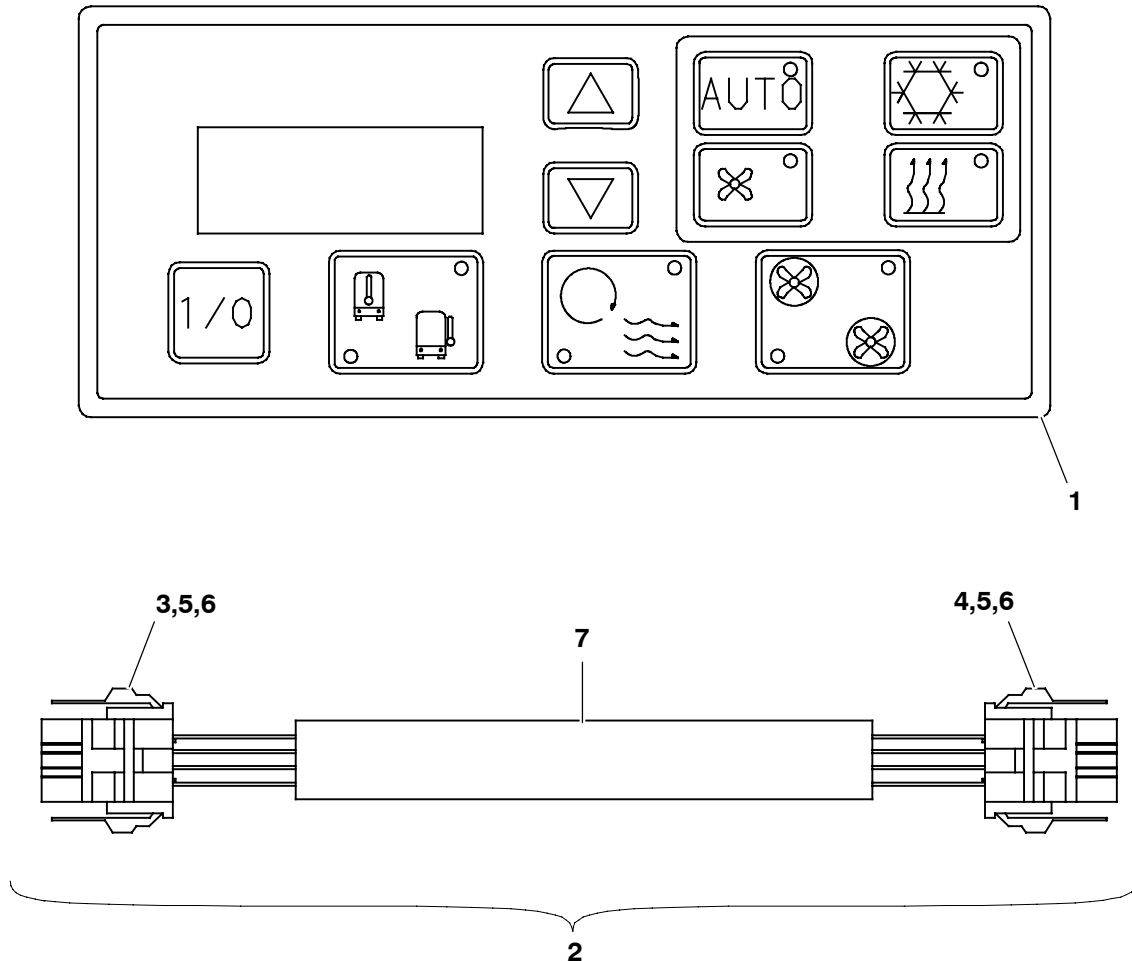


Kit 81-62004 H

Item	Part Number	Description	Qty
1	81-62004-00	Valve Assembly, Check - Includes:	1
2	14-00029-07	Valve, Check, 7/8 ODF	1
3	81-62004-02	Valve Assembly, Check - Includes:	1
4	81-62004-03	Valve Assembly, Check - Includes:	1
5	81-62004-04	Valve Assembly, Check - Includes:	1
6	81-62004-05	Valve Assembly, Check - Includes:	1
7	40-00491-00	Fitting, ORS, 7/8 x 1 7/16-12	1
8	14-00281-04	Valve, Check, 7/8 ODF - Includes:	1
9	14-50050-01	Spring and Piston/Seat Assembly - Includes:	1
10	73-50006-00	Spring, Check Valve, SST	1
11	16-03301-00	Gasket, Check Valve	1
12	14-50093-00	Disk, Spacer, Check Valve Cap	1
13	14-50051-00	Cap, Check Valve	1
14	40-01124-00	Body, Valve, Brass, 1/4 SAE Flare - Includes:	2
15	14-00351-00	Core, Access Valve (Nickel Plated)	1
16	DD19CA061	Cap, Seal Flare, 1/4 Inch	1
17	34-06121-00	Nut, Hex, ORS Braze (1-7/16-12 Threads)	1
18	40-00503-00	Collar, Tube, 7/8 ORS, Nickel Plated	1



23 MICROMATE CONTROL PANEL and HARNESS



Item	Part Number	Description	Qty
1	12-00391-03	Module, Drivers Display (Micromate Control Panel)	1
2	22-62063-01	Wire Harness, 320 Inches (Used With Micromate As A Diameter-gnostic Tool, Connects To J2 Port On Controller Logic Module) - Includes:	1
	22-62063-02	Wire Harness, 120 Inches (Used With Micromate As A Diameter-gnostic Tool, Connects To J2 Port On Controller Logic Module) - Includes:	
3	22-62026-00	Connector, Rectangular, 6 Pin, Brick Red (MCP)	1
4	22-50145-00	Connector, Plug, 4 Pin	1
5	22-50152-00	Terminal, Socket, Female (MCP)	8
6	22-02394-02	Seal, Cable, Green (.06 - .08 Cable OD)	8
7	58-00848-00	Tubing, Split, Corrugated, 1/2 Inch ID x 25 Feet Long	1


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