
GARDNER DENVER®

13-10-510
3rd Edition
January, 1999

ELECTRA-SAVER®
STATIONARY BASE-MOUNTED
COMPRESSORS
WITH AUTO SENTRY-ES CONTROLLER

MODELS

350 HP
EAYQSE & EAYSSE
400 HP
EAYQTE & EAYSTE
500 HP
EAYQVE & EAYSVE

PARTS LIST

Gardner

Denver

INSTRUCTIONS FOR ORDERING REPAIR PARTS

When ordering parts, specify Compressor MODEL, Method of Cooling, HORSE-POWER and SERIAL NUMBER (see nameplate on unit). The Serial Number is also stamped on top of the cylinder flange to the right of the inlet housing.

All orders for Parts should be placed with the nearest authorized distributor.

Where NOT specified, quantity of parts required per compressor or unit is one (1); where more than one is required per unit, quantity is indicated in parenthesis. SPECIFY EXACTLY THE NUMBER OF PARTS REQUIRED.

DO NOT ORDER BY SETS OR GROUPS.

To determine the Right Hand and Left Hand side of a compressor, stand at the motor end and look toward the compressor. Right Hand and Left Hand are indicated in parenthesis following the part name, i.e. (RH) & (LH), when appropriate.

For Operating and Service Instructions see:
COMPRESSOR SERVICE MANUAL 13-10-613
CONTROLLER SERVICE MANUAL 13-910-647

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**MAINTAIN COMPRESSOR RELIABILITY AND PERFORMANCE WITH
GENUINE GARDNER DENVER® COMPRESSOR
PARTS AND SUPPORT SERVICES**

Gardner Denver® Compressor genuine parts, manufactured to design tolerances, are developed for optimum dependability — specifically for Gardner Denver compressor systems. Design and material innovations are the result of years of experience with hundreds of different compressor applications. Reliability in materials and quality assurance are incorporated in our genuine replacement parts.

Your authorized Gardner Denver® Compressor distributor offers all the backup you'll need. A worldwide network of authorized distributors provides the finest product support in the air compressor industry. Your local authorized distributor maintains a large inventory of genuine parts and he is backed up for emergency parts by direct access to the Gardner Denver Master Distribution Center (MDC) in Memphis, Tennessee.

Your authorized distributor can support your Gardner Denver® air compressor with these services:

1. Trained parts specialists to assist you in selecting the correct replacement parts.
2. Factory warranted new and remanufactured rotary screw air ends. Most popular model remanufactured air ends are maintained in stock at MDC for purchase on an exchange basis with liberal core credit available for the replacement unit.
3. A full line of factory tested AEON™ compressor lubricants specifically formulated for use in Gardner Denver compressors.
4. Repair and maintenance kits designed with the necessary parts to simplify servicing your compressor.

Authorized distributor service technicians are factory-trained and skilled in compressor maintenance and repair. They are ready to respond and assist you by providing fast, expert maintenance and repair services.

For the location of your local authorized Gardner Denver Air Compressor distributor refer to the yellow pages of your phone directory or contact:

Distribution Center:
Gardner Denver
Master Distribution Center
5585 East Shelby Drive
Memphis, TN 38141
Phone: (901) 542-6100
(800) 245-4946
Fax: (901) 542-6159

Factory:
Gardner Denver
1800 Gardner Expressway
Quincy, IL 62301
Phone: (217) 222-5400
Fax: (217) 224-7814

REMANUFACTURED AIR ENDS

Whenever an air end requires replacement or repair, Gardner Denver offers an industry unique, factory remanufactured air end exchange program. From its modern Remanufacturing Center in Indianapolis, IN, Gardner Denver is committed to supplying you with the highest quality, factory remanufactured air ends that are guaranteed to save you time, aggravation and money.

Immediately Available

Repair downtime costs you money, which is why there are over 200 remanufactured units in inventory at all times, ready for immediate delivery.

Skilled Craftsmen

Our Remanufacturing assembly technicians average over 20 years experience with air compression products.

Precision Remanufacturing

All potentially usable parts are thoroughly cleaned, inspected and analyzed. Only those parts that can be brought back to original factory specifications are remanufactured. Every remanufactured air end

receives a new overhaul kit: bearings, gears, seals, sleeves and gaskets.

Extensive Testing

Gardner Denver performs testing that repair houses just don't do. Magnaflux and ultrasonic inspection spot cracked or stressed castings, monochromatic light analysis exposes oil leaks, and coordinate measurement machine inspects to $\pm .0001$ ", insuring that all remanufactured air ends meet factory performance specifications.

Warranty

Gardner Denver backs up every remanufactured air end with a new warranty . . . 18 months from purchase, 12 months from service.

Gardner Denver remanufactured air ends deliver *quality without question . . . year in and year out.*

Call Gardner Denver for information on the air end exchange program and the name of your authorized distributor.

Phone Number: 800-245-4946 or
FAX: 901-542-6159

ELECTRA-SAVER® COMPRESSORS – MODELS EAY__E
350 HP – 400 HP – 500 HP – Matrix/Menu

NOTICE TO CUSTOMER – To find the construction options for your compressor unit, FILL IN THE BALANCE OF LETTERS OR NUMBERS FROM YOUR UNIT NAMEPLATE. COLUMN NUMBER:

E	A	Y			E							
1	2	3	4	5	6	7	8	9	10	11	12	13

Follow the line down and over from each space thus filled in to find the appropriate construction option with which your machine is equipped. The number “9” in any column space indicates “NOT APPLICABLE.” The number “8” in any column space indicates SPECIAL DESIGN – REFER TO FACTORY ORDER TICKET.

COLUMNS 1, 2 & 3 – COMPRESSOR TYPE & SIZE

COLUMN 4 – TYPE OF CONSTRUCTION

- Q. Air-Cooled, Base Mounted
- S. Water-Cooled, Base Mounted

COLUMN 5 – HORSEPOWER

- S. 350 HP
- T. 400 HP
- V. 500 HP

COLUMN 6 – ENGINEERING SPECIFICATION

COLUMN 7 – OPERATING PRESSURE

- | | |
|---------------------|---------------------|
| D. 100 PSIG (60 HZ) | N. 100 PSIG (50 HZ) |
| F. 125 PSIG (60 HZ) | P. 125 PSIG (50 HZ) |
| H. 150 PSIG (60 HZ) | R. 150 PSIG (50 HZ) |

COLUMN 8 – CONTROL – *Letter varies with Voltage to Transformer*

COLUMN 9 – CONTROL ENCLOSURE & STARTER TYPE – *Letters vary with options*

- A thru D – Magnetic Starter (NEMA I)
- E thru H – Magnetic Starter (NEMA IV)
- I thru L – Manual Starter (NEMA I)
- M thru P – Manual Starter (NEMA IV)

COLUMN 10 – ENCLOSURE & AIR FILTER

- A – Standard Enclosure/Standard Air Filter

COLUMN 11 – COOLERS – *Letters vary with Material, Manufacturer & Aftercooler (if used)*

- A thru H – Air Cooled
- I thru T – Fresh Water Cooled
- U thru X – Salt Water Cooled

COLUMN 12 – COOLER ELECTRICAL – *Letters vary with Voltage*

- A thru I – Air Cooled NEMA I
- J thru S – Air Cooled NEMA IV
- T thru X – Water Cooled

COLUMN 13 – COMPRESSOR MOTOR DRIVE

**TOTAL PRODUCT SUPPORT – GARDNER DENVER’S
CONTINUING COMMITMENT
TO YOUR AIR COMPRESSOR PERFORMANCE**

Commitment to total product support continues long after the purchase of your quality Gardner Denver® rotary screw compressor.

Gardner Denver original parts incorporate years of experience and improvements in design, materials and quality assurance. Maintaining your compressor investment with Gardner Denver® parts will insure protection for the air compressor unit and long, dependable service life.

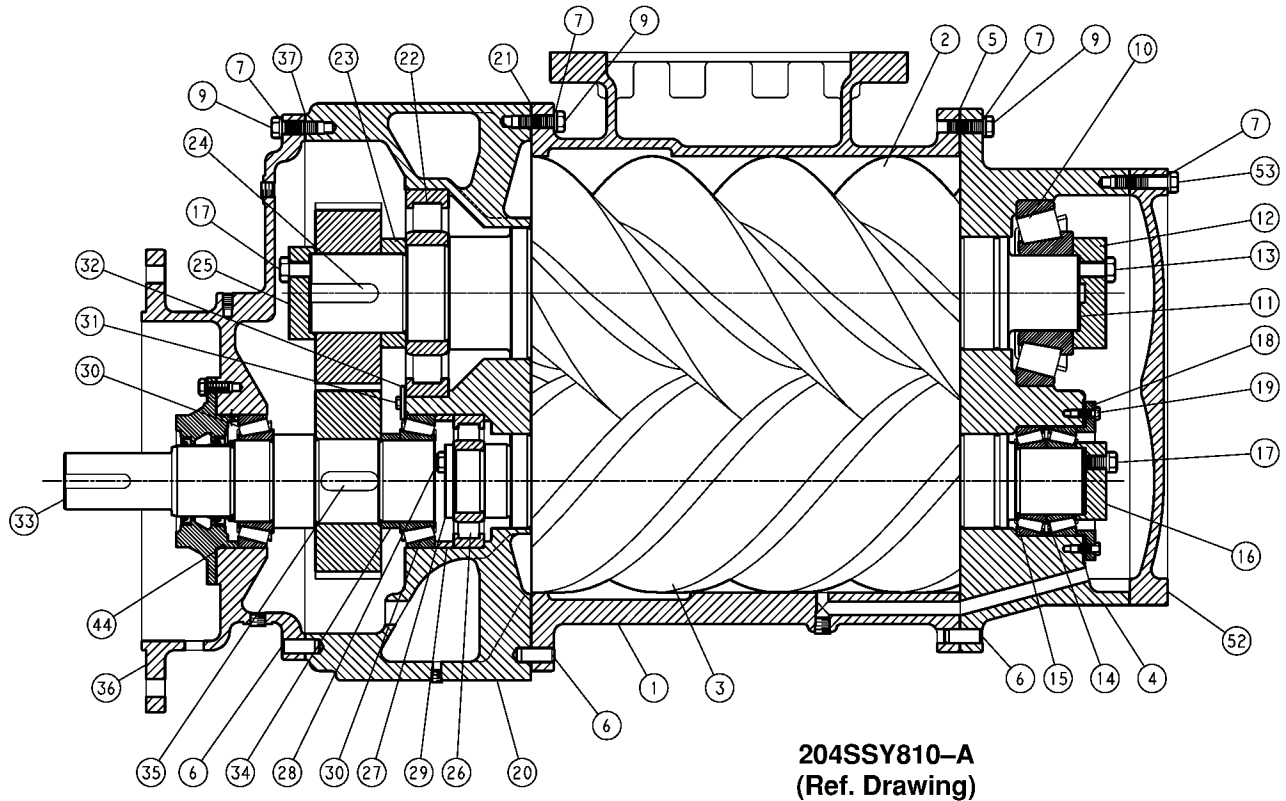
Your authorized Gardner Denver® compressor distributor maintains a complete stock of all common maintenance parts, factory approved AEON™ lubricants, and Gardner Denver® factory warranted exchange air ends. In addition, authorized distributor technicians are factory trained, and can provide complete diagnostic, compressor maintenance and repair services.

This manual is designed to assist you in maintaining high performance and receiving many years of dependable service you expect from your Gardner Denver compressor.

AIR END SELECTIVE

HP	100#	125#	150#
350	SSYAAD01	SSYAAD04	SSYAAD04
400	SSYAAD02	SSYAAD01	SSYAAD04
500	SSYAAD03	SSYAAD06	SSYAAD01

Refer to repair kit section, page 56, for ordering field replacement components.

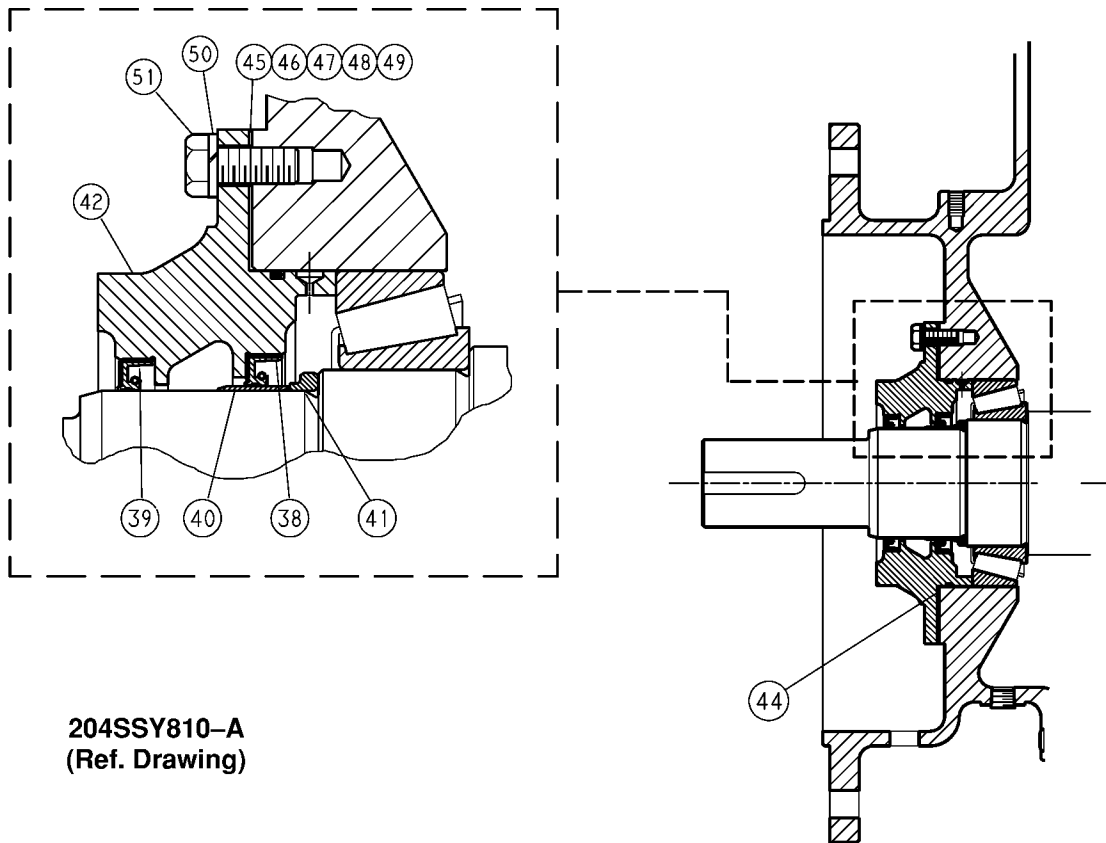


BARE COMPRESSOR

Ref. No.	Name of Part	Ref. No.	Name of Part
1	CYLINDER	* 21	GASKET
2	ROTOR	* 22	BEARING-ROLLER
3	ROTOR	23	SPACER-SHAFT
4	HOUSING-BEARING	* 24	KEY
* 5	GASKET	25	PLATE-BEARING RETAINER
6	PIN-DOWEL	* 26	BEARING
7	WASHER-LOCK	27	PLATE-BEARING RETAINER
* 8	GASKET-RING (Not Shown)	28	SCREW
9	SCREW	29	SPACER
* 10	BEARING	* 30	BEARING-ROLLER
11	SHIM	31	SCREW
12	PLATE-BEARING RETAINER	32	WASHER
13	SCREW	33	SHAFT
* 14	BEARING	34	SPACER-SHAFT
* 15	SHIM	* 35	KEY
16	PLATE-BEARING RETAINER	36	HOUSING-GEAR
17	SCREW	* 37	GASKET
18	RETAINER		
19	SCREW	52	COVER
20	HOUSING-BEARING	53	SCREW

* Parts included in Periodic Overhaul Kit. Refer to page 56.

Order by Part Number and Description. Reference Numbers are for your convenience only.



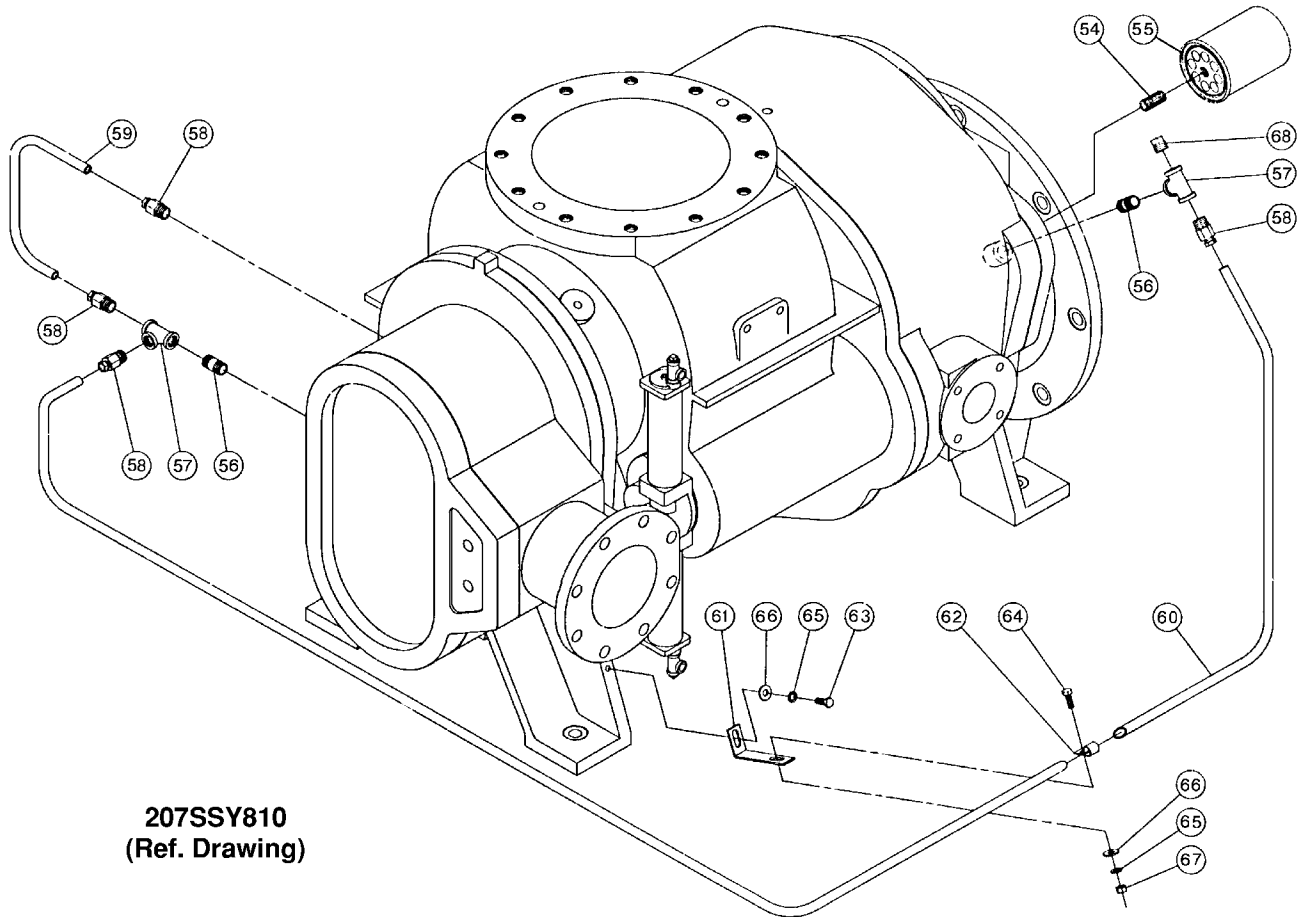
204SSY810-A
(Ref. Drawing)

OIL SEAL DETAIL

Ref. No.	Name of Part	Qty.	Part No.
* 38	SEAL-OIL	1	60DD695
* 39	SEAL-OIL	1	60DD694
* 40	SLEEVE-WEAR	1	200SSY1458
41	SPACER-SHAFT	1	203SSY600
42	HOUSING-SEAL	1	203SSY362
44	O-RING	1	25BC109
* 45	SHIM	8	203SSY732
* 46	SHIM	16	204SSY732
* 47	SHIM	16	205SSY732
* 48	SHIM	8	207SSY732
* 49	SHIM	8	208SSY732
50	LOCKWASHER	8	95B5
51	SCREW	8	655EE050

* Parts included in Periodic Overhaul Kit. Refer to page 56.
Wear Sleeve Installation and Removal Kit # 200SSY4017 (Includes Wear Sleeve Puller and Installation Tool)

Order by Part Number and Description. Reference Numbers are for your convenience only.

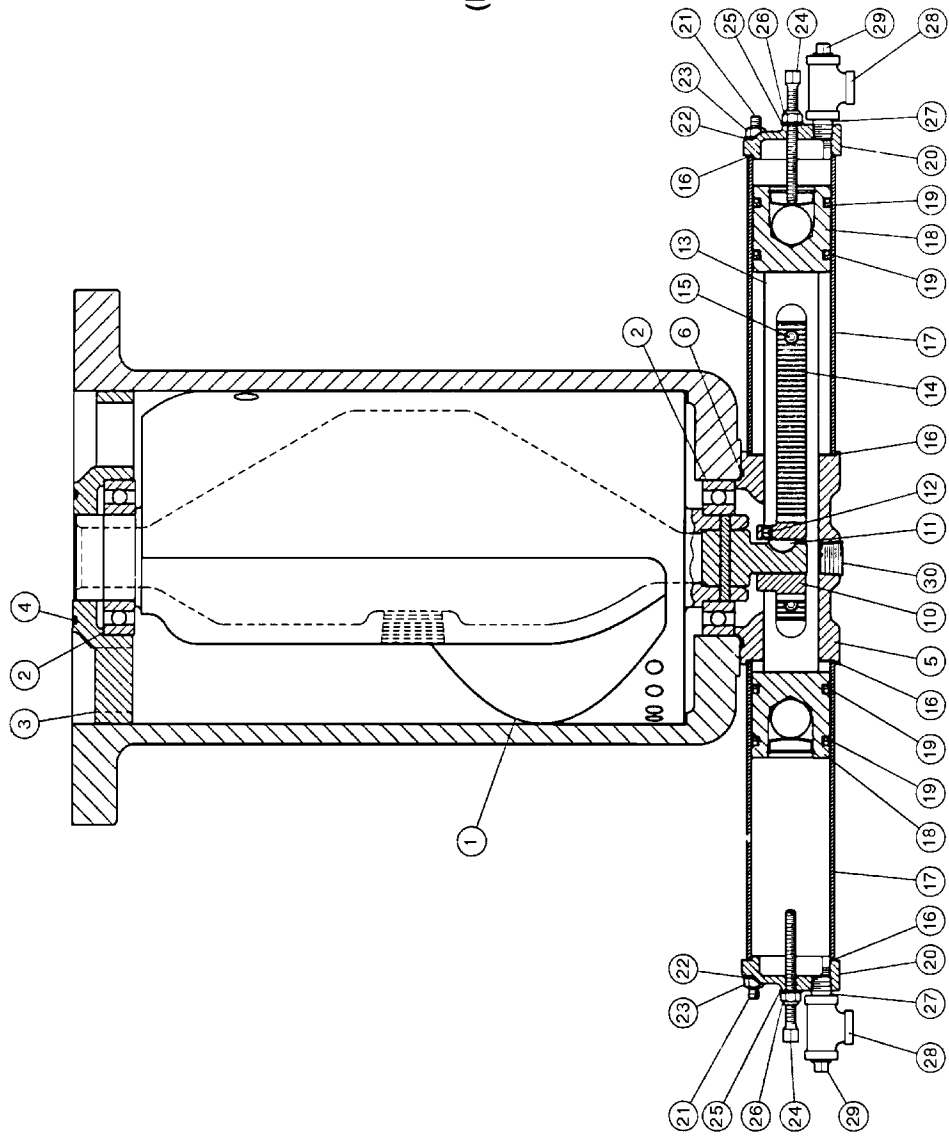


207SSY810
(Ref. Drawing)

COMPRESSOR TUBING GROUP

Ref. No.	Name of Part	Qty.	Part No.
54	ADAPTOR-FILTER	1	200SSY070
55	FILTER-OIL	1	26A43
56	NIPPLE	2	63U8X14G
57	TEE-PIPE	2	64G6G
58	CONNECTOR-TUBE	4	86E20
59	TUBE	1	201SSY857
60	TUBE	1	202SSY857
61	BRACKET (FORMED)	1	201SSY142
62	CLAMP	1	98H13
63	SCREW	1	655ED030
64	SCREW	1	655ED040
65	LOCKWASHER	2	95B3
66	WASHER	2	95A3
67	NUT	1	50B3
68	PLUG	1	64AC4

TURN VALVE ACTUATOR AND MOUNTING GROUP



205SSY810
(Ref. Drawing)

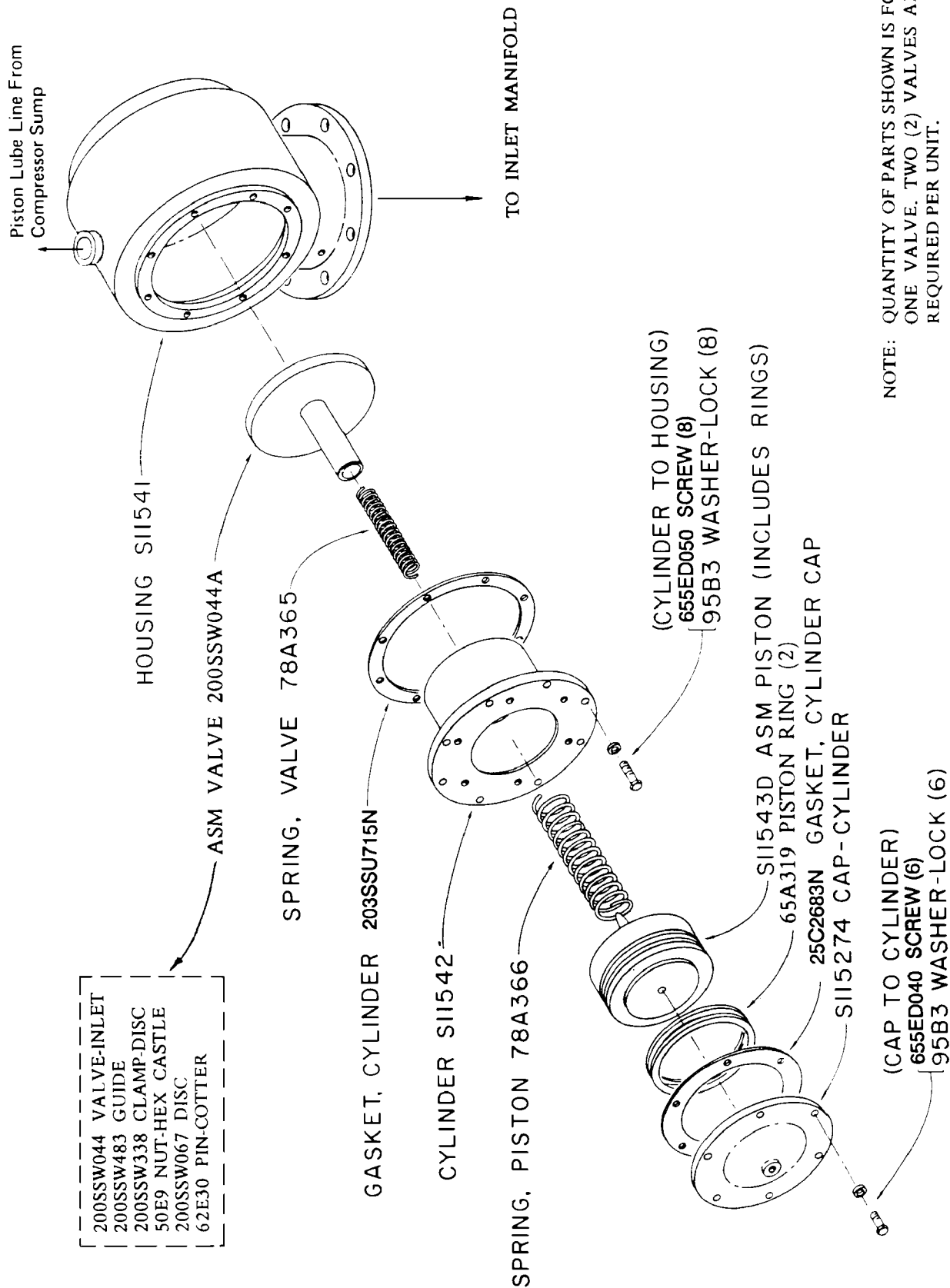
Order by part number and description. Reference numbers for your convenience only.

TURN VALVE ACTUATOR AND MOUNTING GROUP

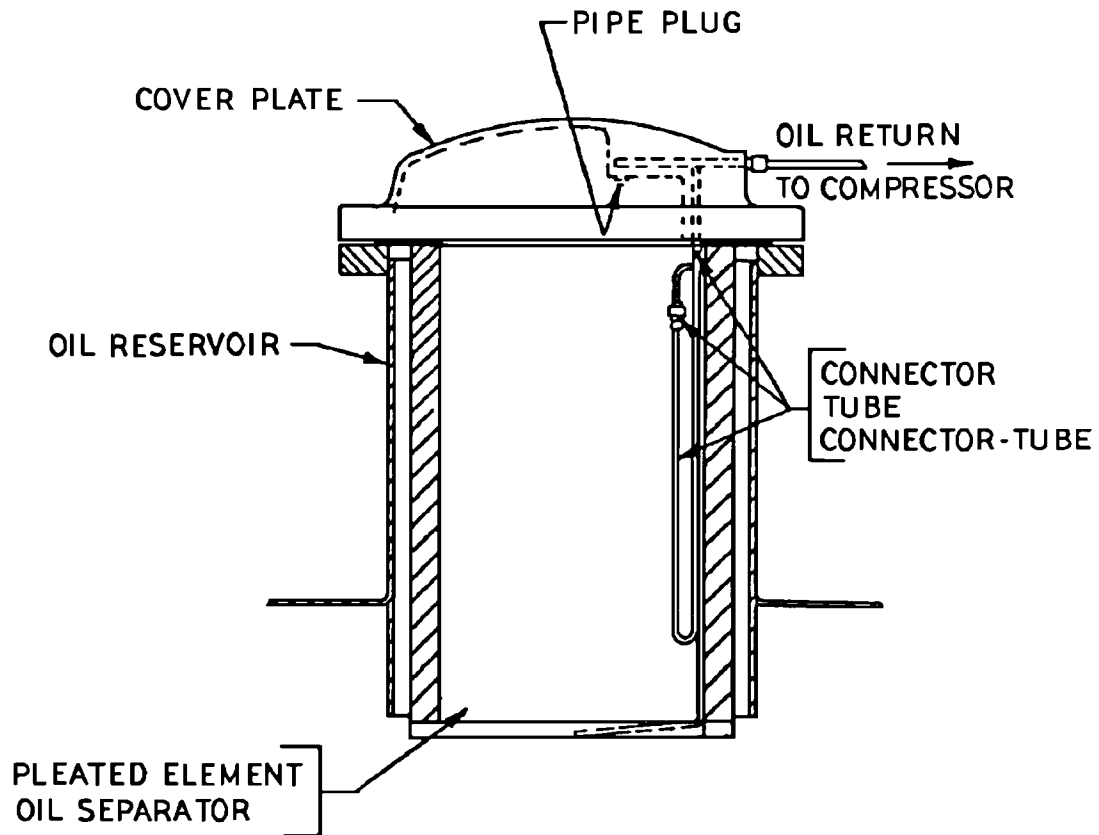
Ref. No.	Name of Part	Qty.	Part No.	Ref. No.	Name of Part	Qty.	Part No.
1	VALVE	1	202SSY238A	20	HEAD-CONTROL CYLINDER	2	200RPA083
2	BEARING	2	12J43	21	STUD	8	79AL5
3	HOUSING-BEARING	1	210SSY006	22	LOCKWASHER	8	95B1
4	O-RING	1	54C210	23	NUT	8	50B1
5	HOUSING-ACTUATOR	1	200SSY180	24	SETSCREW	2	76D67
6	O-RING	1	25BC114	25	SEAL-FASTENER	2	60DD65
10	GEAR-AUXILIARY	1	200SSU031	26	NUT	2	50AW24
11	KEY-WOODRUFF	1	35D2	27	NIPPLE	2	63D1G
12	SETSCREW	1	76G21N	28	TEE-PIPE	2	64G3G
13	SHAFT-CONTROL	1	200SSU081	29	PLUG	2	64AA5
14	RACK	1	200SSU360	30	PLUG	6	64AC4
15	SCREW	2	75P11N	*	SCREW	2	655ED040
16	GASKET	4	25BC138N	*	SCREW	1	655ED110
17	CYLINDER-CONTROL	2	200SSU082	*	LOCKWASHER	3	95B3
18	ASM CONTROL PISTON	2	SSU80565	*	PLUG	2	64AC3
19	PACKING-RING	4	60AM46	*	PLUG	9	64AC2

* Not shown on illustration.

INLET VALVE ASSEMBLY – S11541D



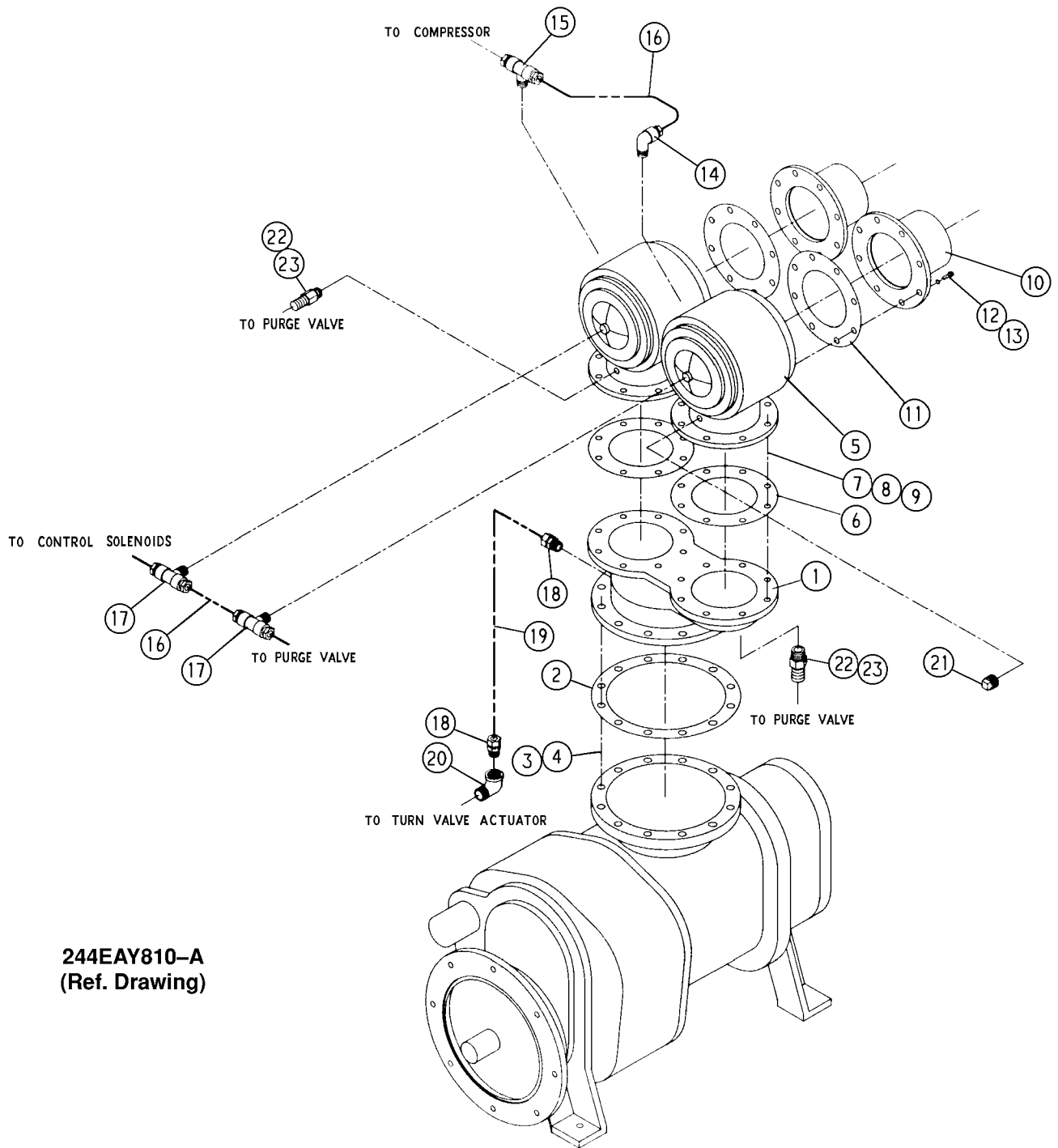
EAY80129 REPAIR KIT WITH SEPARATOR 55B30



NOTE: Repair Kit EAY80129 includes Separator, Discharge Flange Gasket and Internal Tubing as shown in illustration above. (See page 57.)

- * Gaskets are bonded to separators but may be purchased separately for repair. See page 57.

DUAL INLET HOUSING



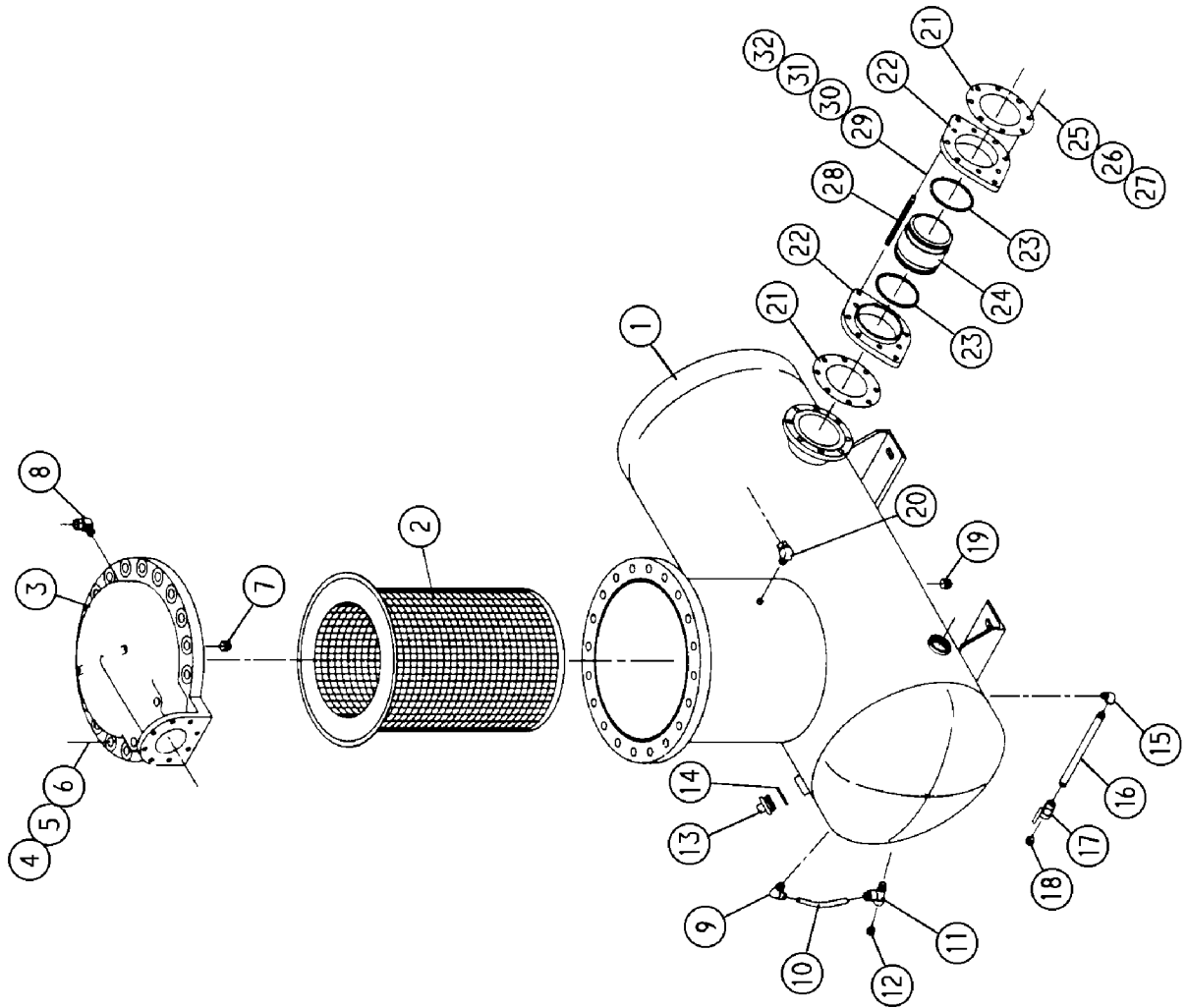
244EAY810-A
(Ref. Drawing)

Order by Part Number and Description. Reference Numbers are for your convenience only.

DUAL INLET HOUSING

Ref. No.	Name of Part	Qty.	Part No.
1	MANIFOLD-INLET	1	200SSY690
2	GASKET RING	1	25C1996
3	SCREW	12	655ED050
4	LOCKWASHER	12	95B9
5	INLET HOUSING ASSEMBLY	2	S11541D
6	GASKET RING	2	25C730
7	SCREW	16	655EG070
8	LOCKWASHER	16	95B8
9	GASKET-RING	4	25F28
10	MANIFOLD-INLET	2	200ESV690
11	GASKET RING	2	25C730
12	SCREW	16	655EG060
13	LOCKWASHER	16	95B8
14	ELBOW-TUBE	1	86E64
15	TEE-TUBE	1	86E122
16	TUBE	3	85G5
17	TEE-TUBE	2	86E122
18	CONNECTOR-TUBE	2	86N155
19	TUBE	4 Ft.	85E10C
20	ELBOW	1	64D5G
21	PLUG	1	64AA7
22	NIPPLE-HOSE	2	29C26
23	CLAMP-HOSE	2	29B35

OIL RESERVOIR



235EAY810
(Ref. Drawing)

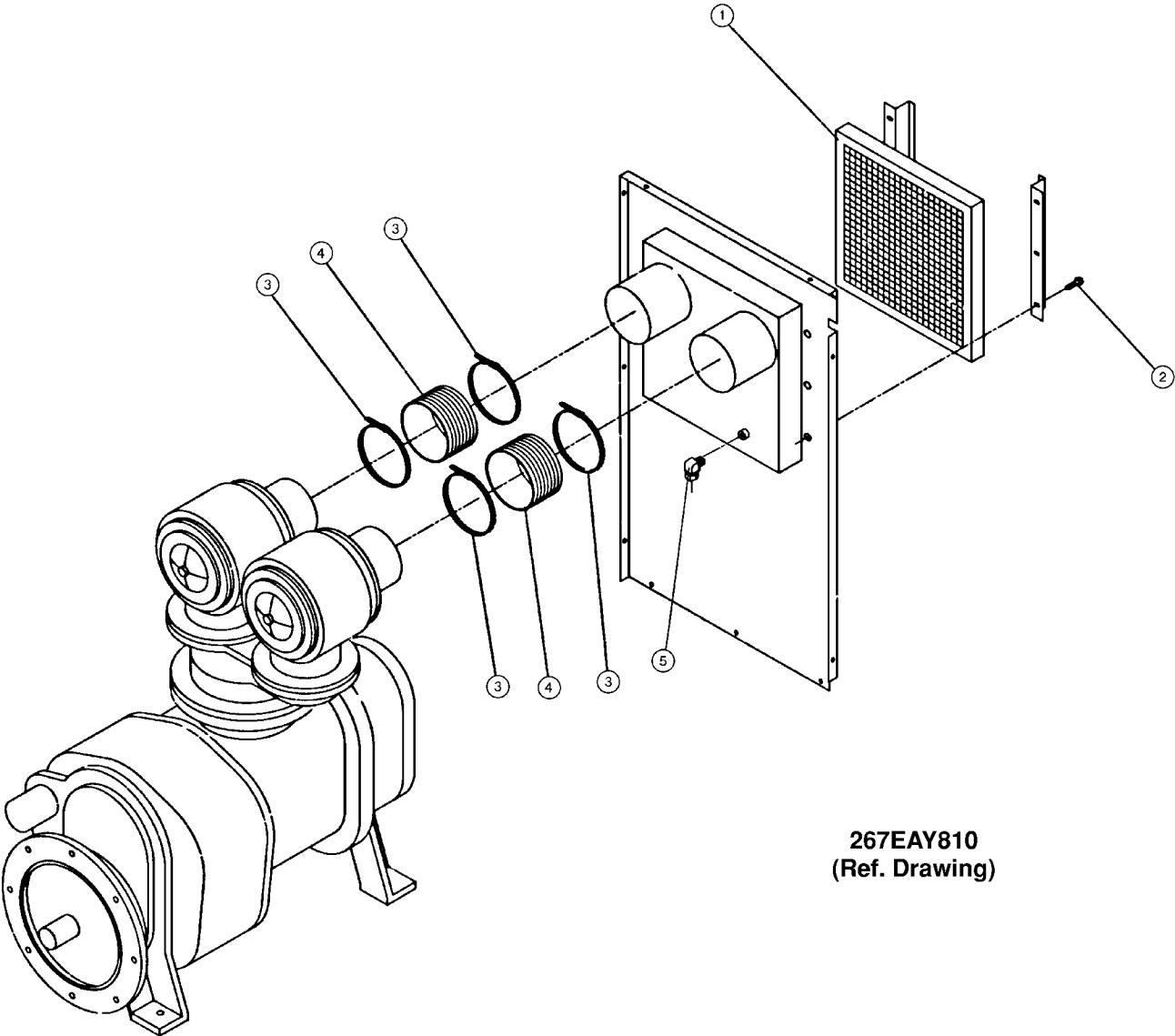
Order by part number and description. Reference numbers for your convenience only.

OIL RESERVOIR

Ref. No.	Name of Part	Qty.	Part No.	Ref. No.	Name of Part	Qty.	Part No.
1	RESERVOIR-OIL	1	200ESV037	19	PLUG	1	64AA3
2	SEPARATOR-OIL	1	55B30	20	ELBOW-TUBE	1	86E60
3	FLANGE	1	200ESV073	21	GASKET RING	2	25C701
4	SCREW	2	655EJ340	22	FLANGE	2	201ESV073
5	SCREW	17	655EJ160	23	O-RING	2	25BC115
6	LOCKWASHER	19	95B12	24	COUPLING	1	200ESV064
7	PLUG	1	64AA6	25	SCREW	16	655EG120
8	ELBOW-TUBE	1	86E64	26	LOCKWASHER	16	95B8
9	ELBOW-TUBE	1	86E60	27	NUT	16	50B8
10	TUBE	1	85G3	28	STUD	2	200ESV110
11	TEE-PIPE	1	2009284	29	ISOLATOR-VIBRATION	4	200ESV365
12	PLUG	1	86N142	30	WASHER	4	95A8
13	COVER-FILLER	1	200SPF156	31	NUT	4	50AW9
14	O-RING	1	54C214	32	NUT	4	50B3
15	ELBOW	1	64D6G				
16	NIPPLE	1	63G42G	*	UNION-TUBE	1	86E48
17	VALVE-BALL	1	90AR361	*	TUBE	3	85K3
18	PLUG	1	64AA3	*	CONNECTOR-TUBE	1	86E3

* Not shown on illustration.

Order by Part Number and Description. Reference Numbers are for your convenience only.

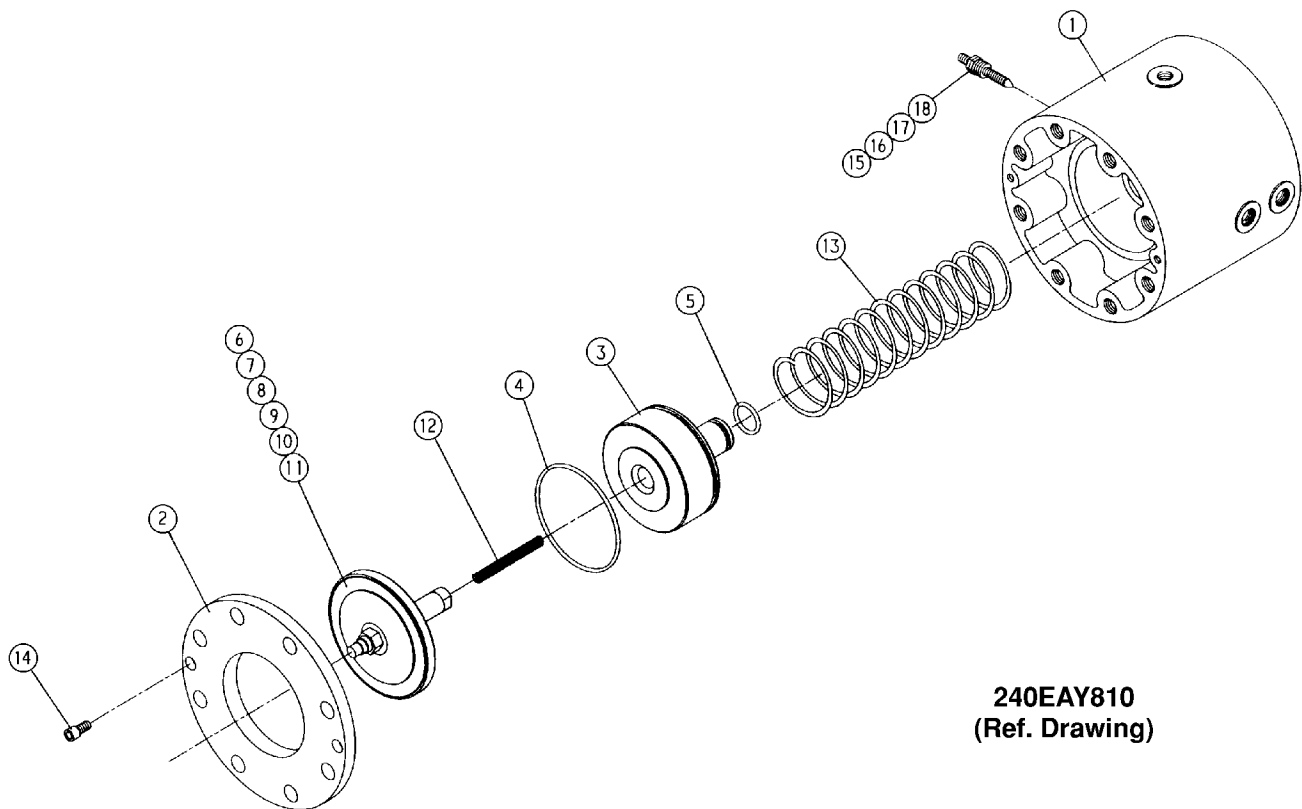


267EAY810
(Ref. Drawing)

AIR FILTER

Ref. No.	Name of Part	Qty.	Part No.
1	FILTER-AIR	1	2009590
2	SCREW-FLANGED	6	75LM150
3	CLAMP-HOSE	4	29Z16
4	HOSE-COOLANT	2	29Z180
5	ELBOW-TUBE	1	86E59

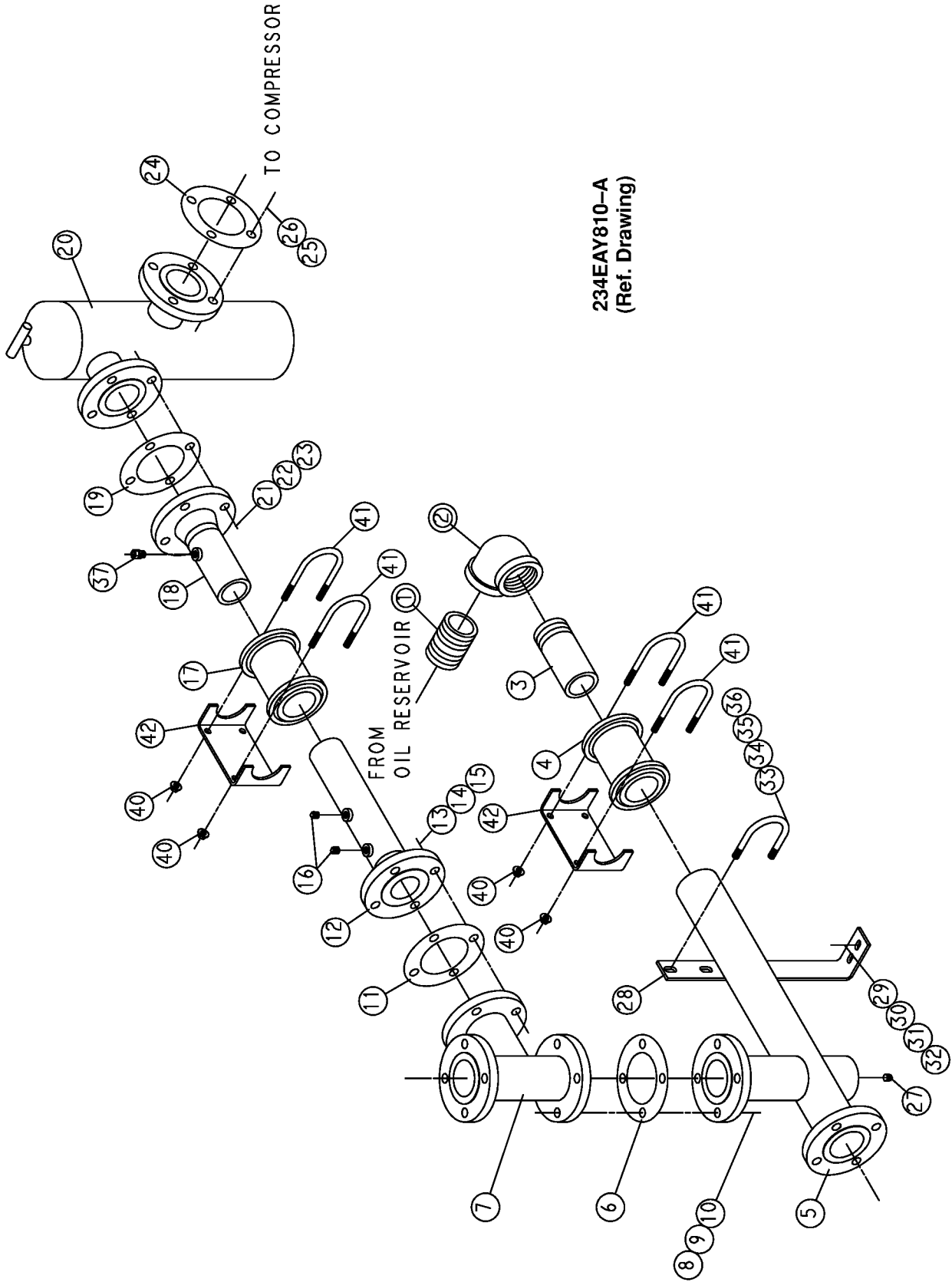
Order by Part Number and Description. Reference Numbers are for your convenience only.



MINIMUM PRESSURE VALVE

Ref. No.	Name of Part	Qty.	Part No.
1	HOUSING-VALVE	1	200ESV182
2	SEAT	1	200ESV256
3	VALVE-MINIMUM PRESSURE	1	201EAY527
4	O-RING	1	25BC150
5	O-RING	1	25BC118
6	VALVE-INLET	1	200SSK044
7	CLAMP-DISC	1	200SSK338
8	GUIDE VALVE	1	200SSK483
9	DISC-VALVE	1	200SSY067
10	NUT-HEX CASTLE	1	50E7
11	PIN-COTTER	1	62E30
12	SPRING	1	78A365
13	SPRING	1	78W9
14	SCREW	2	75P6
15	ADAPTOR	1	200ESM170
16	SCREW-ADJUSTING	1	200ESV176
17	GASKET-RING	1	25F39
18	LOCKNUT	1	50AW17

OIL FILTER PIPING



Order by part number and description. Reference numbers for your convenience only.

OIL FILTER PIPING

Ref. No.	Name of Part	Qty.	Part No.	Ref. No.	Name of Part	Qty.	Part No.
1	NIPPLE	1	63M3G	22	LOCKWASHER	4	95B7
2	ELBOW	1	64C14G	23	NUT	4	50B7
3	NIPPLE	1	63AJ40X50G	24	GASKET	1	25C2007N
4 *	COUPLING-FLEXIBLE	1	64EB802	25	SCREW	4	655EF080
5	MANIFOLD-OIL	1	200EAY116	26	LOCKWASHER	4	95B7
6	GASKET	1	25C2007N	27	PLUG	1	64AA7
7	VALVE-THERM	1	90AR969	28	BRACKET-PIPE	1	200EAY108
8	SCREW	4	655EF100	29	SCREW	2	655ED060
9	LOCKWASHER	4	95B7	30	WASHER	4	95A3
10	NUT	4	50B7	31	LOCKWASHER	2	95B3
11	GASKET	1	25C2007N	32	NUT	2	50B3
12	MANIFOLD	1	201EAY116	33	U-BOLT	3	15U88
13	SCREW	4	655EF120	34	WASHER	2	95A5
14	LOCKWASHER	4	95B7	35	LOCKWASHER	2	95B5
15	NUT	4	50B7	36	NUT	2	50B5
16	PLUG	2	64AA5	37	ELBOW-TUBE	1	86E60
17 *	COUPLING-FLEXIBLE	1	64EB802	38	NUT-FLANGED	6	50AW35
18	MANIFOLD OIL	1	203EAY116	39	SCREW-FLANGED	2	75K48
19	GASKET	1	25C2007N	40	NUT	8	50AW5
20	FILTER-OIL	1	200ESV369	41	U-BOLT	4	15U57
21	SCREW	4	655EF120	42	BRACKET-PIPE	2	300EAY108

* For Repair – Reference Numbers 4 & 17: (2) Each 2117160 Gaskets are required.

263EAY810-B
(Ref. Drawing)

PRESSURE RELIEF VALVE –
SELECTIVE – SEE PAGE 21

Order by part number and description. Reference numbers for your convenience only.

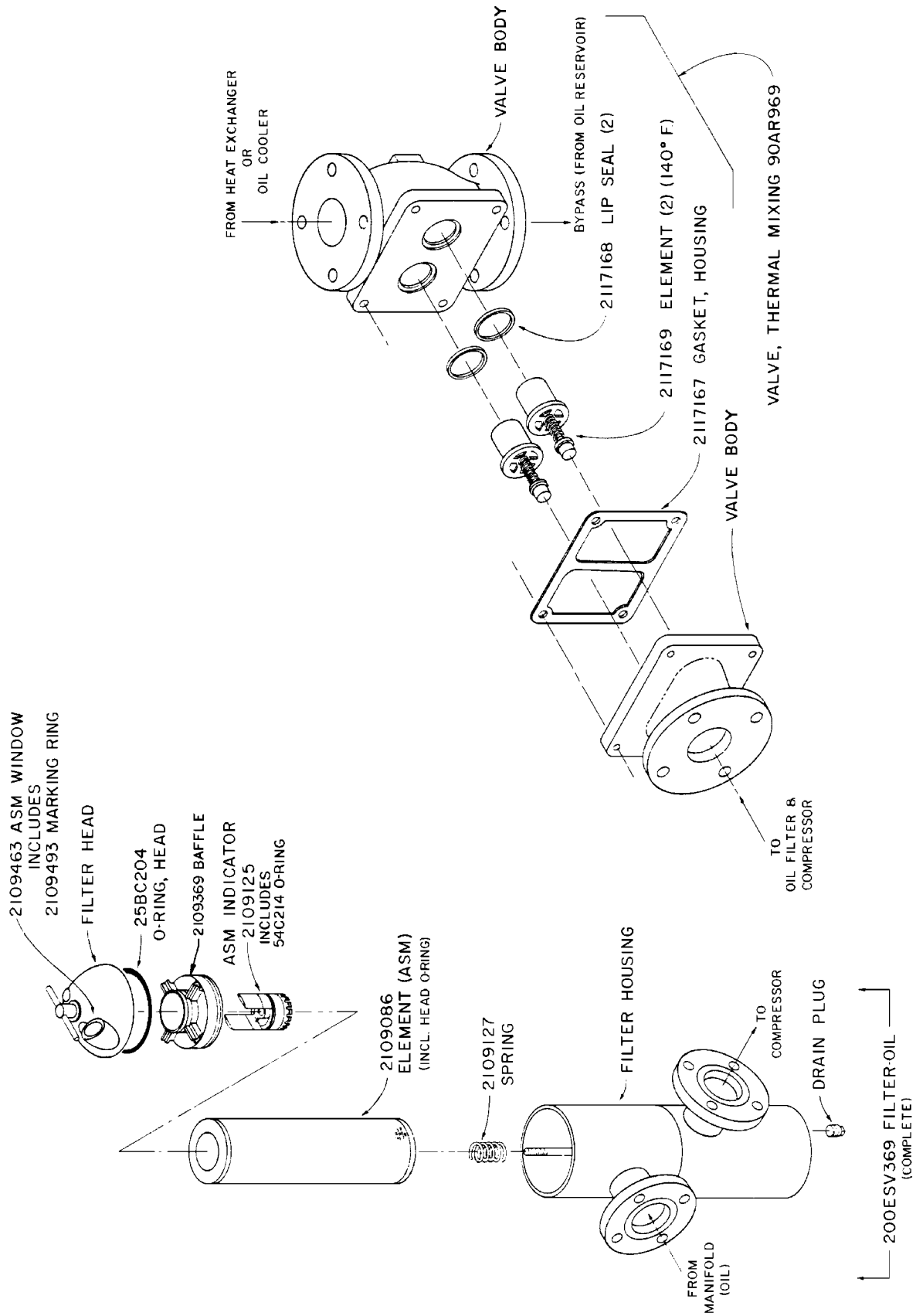
AIR DISCHARGE MANIFOLD

Ref. No.	Name of Part	Qty.	Part No.	Ref. No.	Name of Part	Qty.	Part No.
1	MANIFOLD-DISCHARGE	1	200ESV071	20	CONNECTOR-TUBE	1	86E18
2	GASKET	1	25C807N	21	VALVE-CHECK	1	90J121
3	SCREW	8	655EG080	22	NIPPLE	1	63F21G
4	LOCKWASHER	8	95B8	23	ELBOW	1	64D5G
5	GASKET	1	25C807N	24	ELBOW	1	64S2G
6	MIN. PRESS. VALVE ASM. . . .	1	200ESV527A	25	NIPPLE	1	63E1G
7	SCREW	8	655EG110	26	PLUG	1	64AA7
8	LOCKWASHER	8	95B8	27	ELBOW-TUBE	1	86E199
9	PLUG	1	64A27	28	THERMISTOR PROBE	1	21D264
10	ELBOW	1	64D9G	29	NIPPLE	1	63D1G
11	NIPPLE	1	63H2G	30	TEE-PIPE	1	64G3G
12	PIPE-TEE	1	64G8G	31	ELBOW-TUBE	1	86E64
13	NIPPLE	2	29C26	32	ELBOW-TUBE	1	86E64
14	CLAMP-HOSE	2	29B35	33	NIPPLE	1	63H1G
15	HOSE-OIL	22 Ft.	R14E	34	VALVE-AIR CONTROL	1	90AR114
16	NIPPLE	1	63E10G	35	ELBOW	1	64D10G
17	ELBOW	1	64S2G	36	MUFFLER	1	43E2
18	ELBOW-TUBE	1	86E70	37	ELBOW-TUBE	1	86E59
19	TUBE	2 Ft.	85M8	38	PLUG	1	64AA5

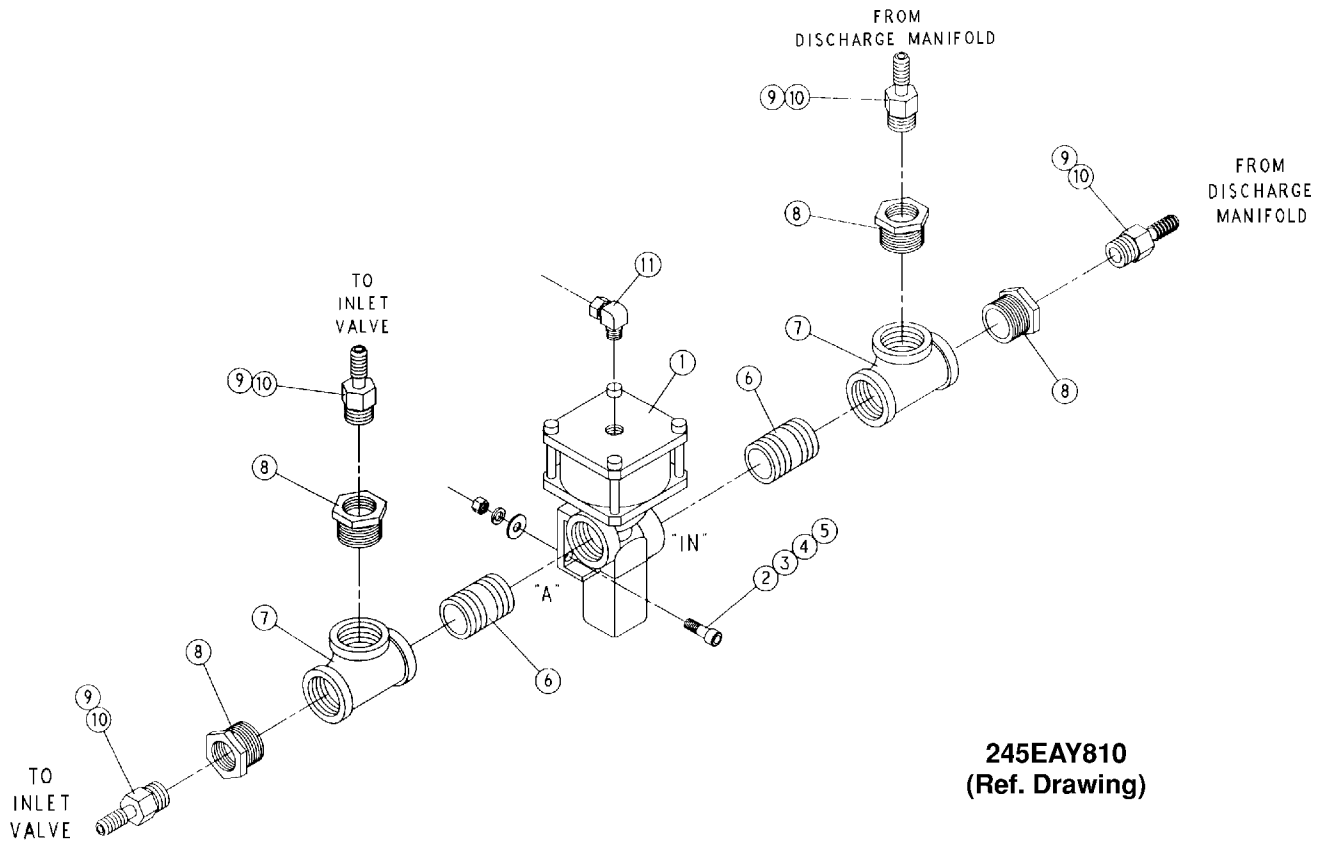
RELIEF VALVE SELECTIVE

Name of Part	350, 400 & 500 HP
VALVE-RELIEF (Set 125 Lbs.)	90AR110
VALVE-RELIEF (Set 150 Lbs.)	90AR110
VALVE-RELIEF (Set 175 Lbs.)	90AR110

OIL FILTER AND MIXING VALVES (Component Parts)



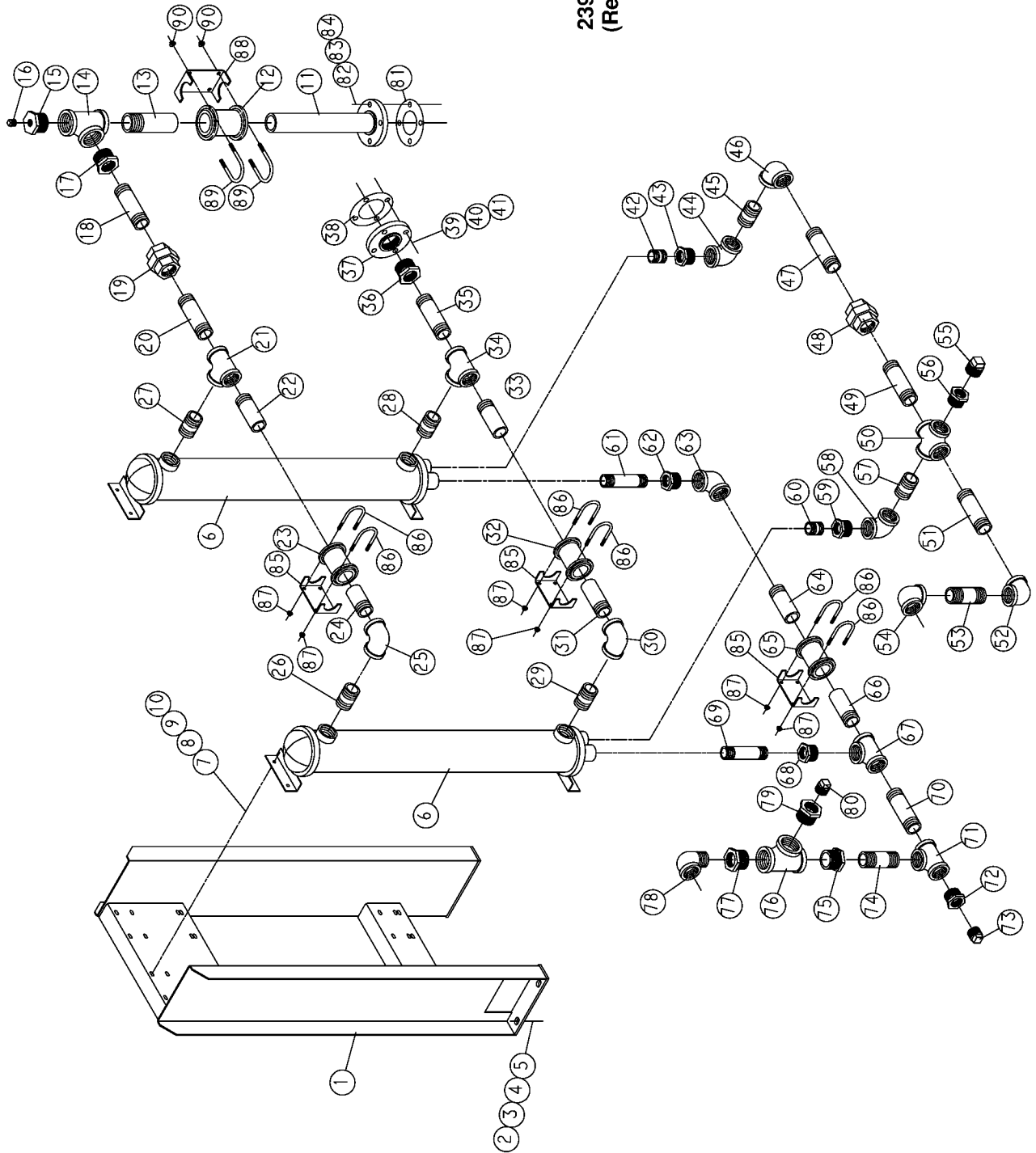
Order by Part Number and Description. Reference Numbers are for your convenience only.



PURGE VALVE

Ref. No.	Name of Part	Qty.	Part No.
1	VALVE-AIR CONTROL	1	90AR262
2	SCREW	2	75P42
3	WASHER	2	95A2
4	LOCKWASHER	2	95B2
5	NUT	2	50B2
6	NIPPLE	2	63H1G
7	TEE-PIPE	2	64G8G
8	BUSHING-PIPE	4	64E14
9	NIPPLE-HOSE	4	29C26
10	CLAMP-HOSE	4	29B35
11	ELBOW-TUBE	1	86E60

350 AND 400 HP WATER COOLED OIL COOLER



239EAY810-A
(Ref. Drawing)

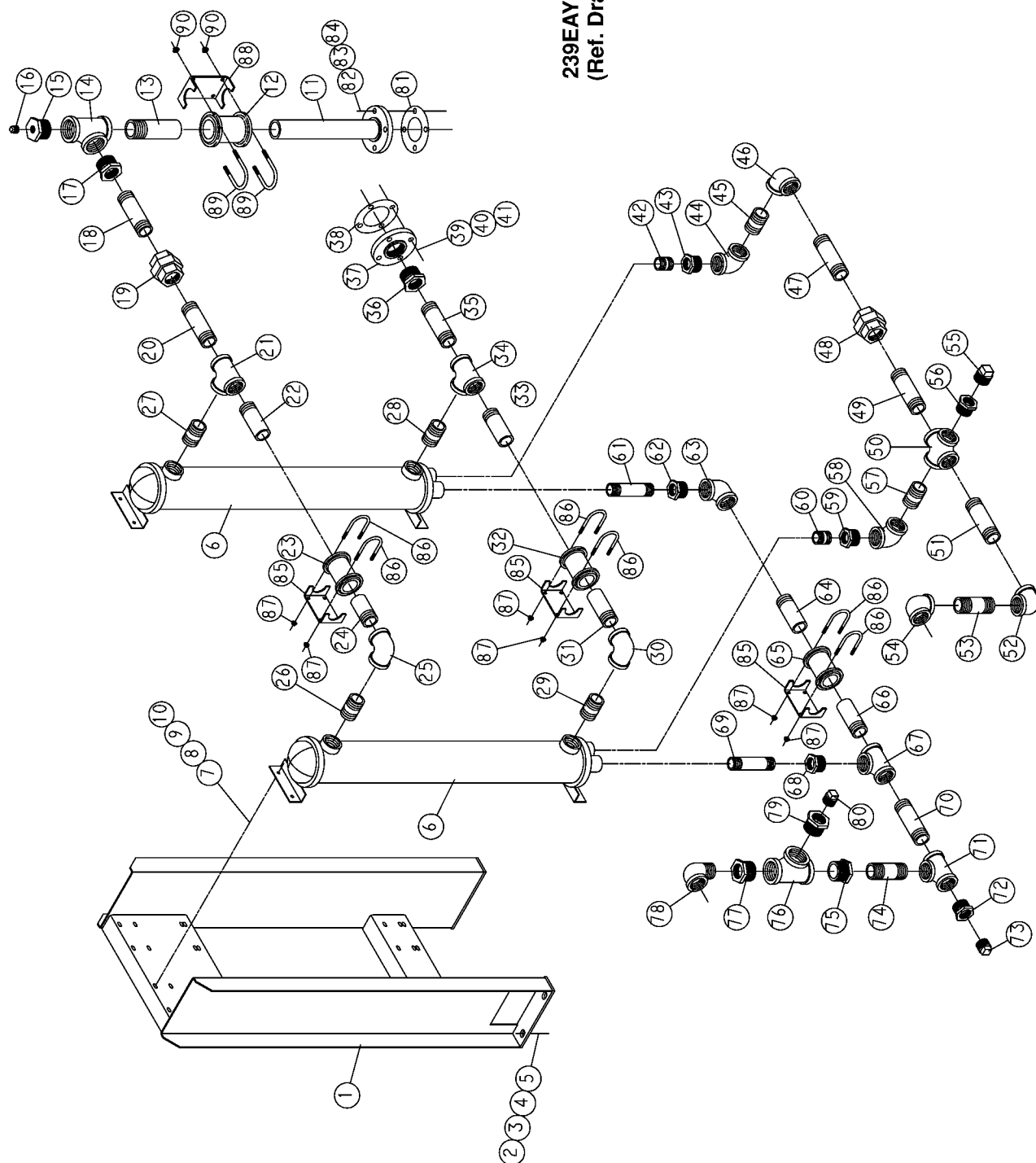
Order by part number and description. Reference numbers for your convenience only.

350 AND 400 HP WATER COOLED OIL COOLER

Ref. No.	Name of Part	Qty.	Part No.	Ref. No.	Name of Part	Qty.	Part No.
1	SUPPORT	1	201ESV165	46	ELBOW	1	64C9G
2	SCREW	4	655EG080	47	NIPPLE	1	63L20G
3	WASHER	4	95A8	48	UNION-STRAIGHT	1	64Z2
4	LOCKWASHER	4	95B8	49	NIPPLE	1	63L18G
5	NUT	4	50B8	50	CROSS-PIPE	1	64K21G
6	HEAT EXCHANGER	2	*	51	NIPPLE	1	63L22G
7	SCREW	8	655ED040	52	ELBOW	1	64C9G
8	WASHER	16	95A3	53	NIPPLE	1	63L21G
9	LOCKWASHER	8	95B3	54	ELBOW	1	64C9G
10	NUT	8	50B3	55	PLUG	1	64A27
11	MANIFOLD-OIL	1	202EAY116	56	BUSHING-PIPE	1	64E12
12+	COUPLING-FLEXIBLE	1	64EB802	57	NIPPLE	1	63L15G
13	NIPPLE	1	63AJ40X52G	58	ELBOW	1	64C9G
14	TEE-PIPE	1	64G22G	59	BUSHING-PIPE	1	64E12
15	BUSHING-PIPE	1	64E58	60	NIPPLE	1	63K18G
16	PLUG	1	64AA3	61	NIPPLE	1	63K5G
17	BUSHING-PIPE	1	64E25	62	BUSHING-PIPE	1	64E12
18	NIPPLE	1	63L22G	63	ELBOW	1	64C9G
19	UNION-STRAIGHT	1	64Z2	64	NIPPLE	1	63AJ32X46G
20	NIPPLE-PIPE	1	63L5G	65++	COUPLING-FLEXIBLE	1	64EB801
21	TEE-PIPE	1	64G1G	66	NIPPLE	1	63AJ32X46G
22	NIPPLE	1	63AJ32X46G	67	TEE-PIPE	1	64G1G
23++	COUPLING-FLEXIBLE	1	64EB801	68	BUSHING-PIPE	1	64E12
24	NIPPLE	1	63AJ32X46G	69	NIPPLE	1	63K5G
25	ELBOW	1	64C9G	70	NIPPLE	1	63L24G
26	NIPPLE	1	63L13G	71	TEE-PIPE	1	64G1G
27	NIPPLE	1	63L13G	72	BUSHING-PIPE	1	64E12
28	NIPPLE	1	63L13G	73	PLUG	1	64A27
29	NIPPLE	1	63L13G	74	NIPPLE	1	63L4G
30	ELBOW	1	64C9G	75	BUSHING-PIPE	1	64E25
31	NIPPLE	1	63AJ32X46G	76	TEE-PIPE	1	64G22G
32++	COUPLING-FLEXIBLE	1	64EB801	77	BUSHING-PIPE	1	64E25
33	NIPPLE	1	63AJ32X46G	78	ELBOW ST	1	64D9G
34	TEE-PIPE	1	64G1G	79	BUSHING-PIPE	1	64E85
35	NIPPLE	1	63L25G	80	PLUG	1	64A27
36	BUSHING-PIPE	1	64E25	81	GASKET	1	25C2007N
37	FLANGE-THREADED	1	64CA8	82	SCREW	4	655EF120
38	GASKET	1	25C2007N	83	LOCKWASHER	4	95B7
39	SCREW	4	655EF120	84	NUT-HEX	4	50B7
40	LOCKWASHER	4	95B7	85	BRACKET-PIPE	3	200EAP108
41	NUT	4	50B7	86	U-BOLT	6	15U11
42	NIPPLE	1	63K18G	87	NUT-FLANGE	12	50AW5
43	BUSHING-PIPE	1	64E12	88	BRACKET-PIPE	1	300EAY108
44	ELBOW	1	64C9G	89	U-BOLT	2	15U57
45	NIPPLE	1	63L15G	90	NUT-FLANGE	4	50AW5

* Selective item. See page 30.
+ For Repair Gasket – Order Part No. 2117160, (2) Required.
++ For Repair Gasket – Order Part No. 2117159, (2) Required.

500 HP WATER COOLED OIL COOLER



239EAY810-A
(Ref. Drawing)

Order by part number and description. Reference numbers for your convenience only.

500 HP WATER COOLED OIL COOLER

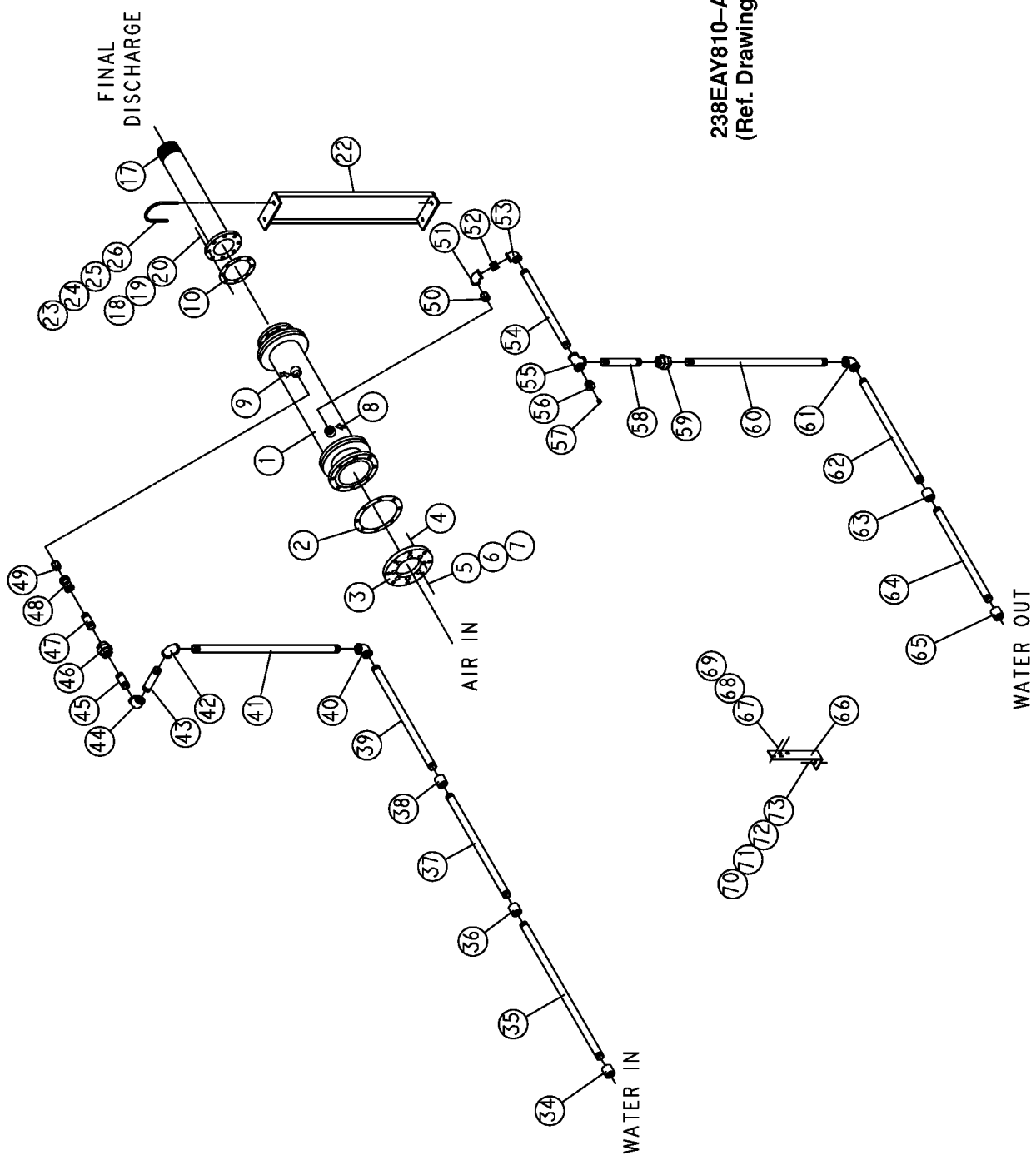
Ref. No.	Name of Part	Qty.	Part No.	Ref. No.	Name of Part	Qty.	Part No.
1	SUPPORT	1	201ESV165	46	ELBOW	1	64C9G
2	SCREW	4	655EG080	47	NIPPLE	1	63L20G
3	WASHER	4	95A8	48	UNION-STRAIGHT	1	64Z2
4	LOCKWASHER	4	95B8	49	NIPPLE	1	63L18G
5	NUT	4	50B8	50	CROSS-PIPE	1	64K21G
6	HEAT EXCHANGER	2	*	51	NIPPLE	1	63L22G
7	SCREW	8	655ED040	52	ELBOW	1	64C9G
8	WASHER	16	95A3	53	NIPPLE	1	63L21G
9	LOCKWASHER	8	95B3	54	ELBOW	1	64C9G
10	NUT	8	50B3	55	PLUG	1	64A27
11	MANIFOLD	1	201EAY116	56	BUSHING-PIPE	1	64E12
12+	COUPLING-FLEXIBLE	1	64EB802	57	NIPPLE	1	63L15G
13	NIPPLE	1	63AJ40X66G	58	ELBOW	1	64C9G
14	TEE-PIPE	1	64G22G	59	BUSHING-PIPE	1	64E12
15	BUSHING-PIPE	1	64E58	60	NIPPLE	1	63K18G
16	PLUG	1	64AA3	61	NIPPLE	1	63K5G
17	BUSHING-PIPE	1	64E25	62	BUSHING-PIPE	1	64E12
18	NIPPLE	1	63L23G	63	ELBOW	1	64C9G
19	UNION-STRAIGHT	1	64Z2	64	NIPPLE	1	63AJ32X46G
20	NIPPLE	1	63L5G	65++	COUPLING-FLEXIBLE	1	64EB801
21	TEE-PIPE	1	64G1G	66	NIPPLE	1	63AJ32X46G
22	NIPPLE	1	63AJ32X46G	67	TEE-PIPE	1	64G1G
23++	COUPLING-FLEXIBLE	1	64EB801	68	BUSHING-PIPE	1	64E12
24	NIPPLE	1	63AJ32X46G	69	NIPPLE	1	63K5G
25	ELBOW	1	64C9G	70	NIPPLE	1	63L24G
26	NIPPLE	1	63L14G	71	TEE-PIPE	1	64G1G
27	NIPPLE	1	63L14G	72	BUSHING-PIPE	1	64E12
28	NIPPLE	1	63L14G	73	PLUG	1	64A27
29	NIPPLE	1	63L14G	74	NIPPLE	1	63L22G
30	ELBOW	1	64C9G	75	BUSHING-PIPE	1	64E25
31	NIPPLE	1	63AJ32X46G	76	TEE-PIPE	1	64G22G
32++	COUPLING-FLEXIBLE	1	64EB801	77	BUSHING-PIPE	1	64E25
33	NIPPLE	1	63AJ32X46G	78	ELBOW ST	1	64D9G
34	TEE-PIPE	1	64G1G	79	BUSHING-PIPE	1	64E85
35	NIPPLE	1	63L25G	80	PLUG	1	64A27
36	BUSHING-PIPE	1	64E25	81	GASKET	1	25C2007N
37	FLANGE-THREADED	1	64CA8	82	SCREW	4	655EF120
38	GASKET	1	25C2007N	83	LOCKWASHER	4	95B7
39	SCREW	4	655EF120	84	NUT	4	50B7
40	LOCKWASHER	4	95B7	85	BRACKET-PIPE	3	200EAP108
41	NUT	4	50B7	86	U-BOLT	6	15U11
42	NIPPLE	1	63K18G	87	NUT-FLANGE	12	50AW5
43	BUSHING-PIPE	1	64E12	88	BRACKET-PIPE	1	300EAY108
44	ELBOW	1	64C9G	89	U-BOLT	2	15U57
45	NIPPLE	1	63L15G	90	NUT-FLANGE	4	50AW5

* Selective item. See page 30.

+ For Repair Gasket – Order Part No. 2117160, (2) Required.

++ For Repair Gasket – Order Part No. 2117159, (2) Required.

AFTERCOOLER GROUP



Order by part number and description. Reference numbers for your convenience only.

AFTERCOOLER GROUP

Ref. No.	Name of Part	Qty.	Part No.	Ref. No.	Name of Part	Qty.	Part No.
1	AFTERCOOLER	1	48Z64	48	ELBOW	1	64C8G
2	GASKET RING	1	25C131N	49	NIPPLE	1	63K2G
3	ADAPTOR	1	200ESV170	50	NIPPLE	1	63K18G
4	SCREW	8	75P199N	51	ELBOW	1	64C8G
5	SCREW	8	655EG130	52	NIPPLE	1	63K18G
6	LOCKWASHER	8	95B8	53	ELBOW	1	64C8G
7	NUT	8	50B8	54	NIPPLE	1	63N24X233G
8	DECAL	1	201ESP077	55	TEE	1	64G11G
9	DECAL	1	200ESP077	56	BUSHING-PIPE	1	64E8
10	GASKET RING	1	25C2501	57	PLUG	1	64A24
17	MANIFOLD-DISCHARGE	1	203EAY071	58	NIPPLE	1	63K16G
18	SCREW	8	655EG120	59	UNION-STRAIGHT	1	64Z1
19	LOCKWASHER	8	95B8	60	NIPPLE	1	63N24X357G
20	NUT	8	50B8	61	ELBOW	1	64C8G
22	BRACKET-PIPE	1	201ESV108	62	NIPPLE	1	63N24X300G
23	U-BOLT	1	15U48	63	COUPLING-PIPE	1	64BK8
24	WASHER	2	95A5	64	NIPPLE	1	63N24X270G
25	LOCKWASHER	2	95B5				
26	NUT	2	50B5	65	COUPLING-PIPE	1	64BK8
33	PLUG	2	64AA7	66	BRACKET-PIPE	1	201EAY108
34	COUPLING-PIPE	1	64BK8	67	U-BOLT	2	15U58
35	NIPPLE	1	63N24X400G	68	WASHER	4	95A3
36	COUPLING-PIPE	1	64BK8	69	NUT	4	50B3
37	NIPPLE	1	63N24X300G	70	SCREW	2	655ED070
38	COUPLING-PIPE	1	64BK8	71	WASHER	4	95A3
39	NIPPLE	1	63N24X300G	72	WASHER	2	95B3
40	ELBOW	1	64C8G	73	NUT	2	50B3
41	NIPPLE	1	63N24X374G	*	RELAY	1	24CA771
42	ELBOW	1	64C8G	*	SCREW-MACHINE	2	75LM172
43	NIPPLE	1	63K5G	*	LOCKWASHER	2	95H15
44	ELBOW	1	64C8G	*	WIRE	6	97H2R
45	NIPPLE	1	63K15G	*	GRP-MISC PARTS-Includes the following	1	201EAY4013
46	UNION-STRAIGHT	1	64Z1		SEPARATOR-MOISTURE	1	83C7
47	NIPPLE	1	63K15G		TRAP	1	83C41

* Not shown on illustration.

SELECTIVE ITEMS – WATER-COOLED UNITS
(Fresh Water Service)

Name of Part	350 HORSEPOWER	400 HORSEPOWER	500 HORSEPOWER
Heat Exchanger (2), Includes next 5 items	204ESS349	205ESP349	202ESV349
Bonnet, Inlet–Outlet (2)	2109065	2109065	2109065
Gasket, Inlet–Outlet (2)	2109063	2109063	2109063
Bonnet, Return (2)	2109066	2109066	2109061
Gasket, Return (2)	2109064	2109064	2109064
Anode–Zinc (4)	2109068	2109068	2109057
Regulator–Temperature (Trefice)	90AR152	90AR152	90AR152
* Asm Stem Packing	2109051	2109051	2109051
* Thermal System Kit	2109490	2109490	2109490
Valve–Solenoid, Magnetic Water (Nema 1)	91B2	91B2	91B2
Valve–Solenoid, Magnetic Water (Nema 2)	91B23	91B23	91B23
Aftercooler, Includes next 3 items	48Z64	48Z64	48Z64
Gasket (2)	2109145	2109145	2109145
Ring–Packing (2)	2109146	2109146	2109146
Ring–Lantern (Nylon)	2109147	2109147	2109147
Separator, Moisture	83C3	83C3	83C3
Trap, Separator, Includes next 3 items	83C41	83C41	83C41
Gasket, Cap	2109518	2109518	2109518
Gasket, Retainer	2109519	2109519	210951
Screen, Strainer	2109520	2109520	2109520

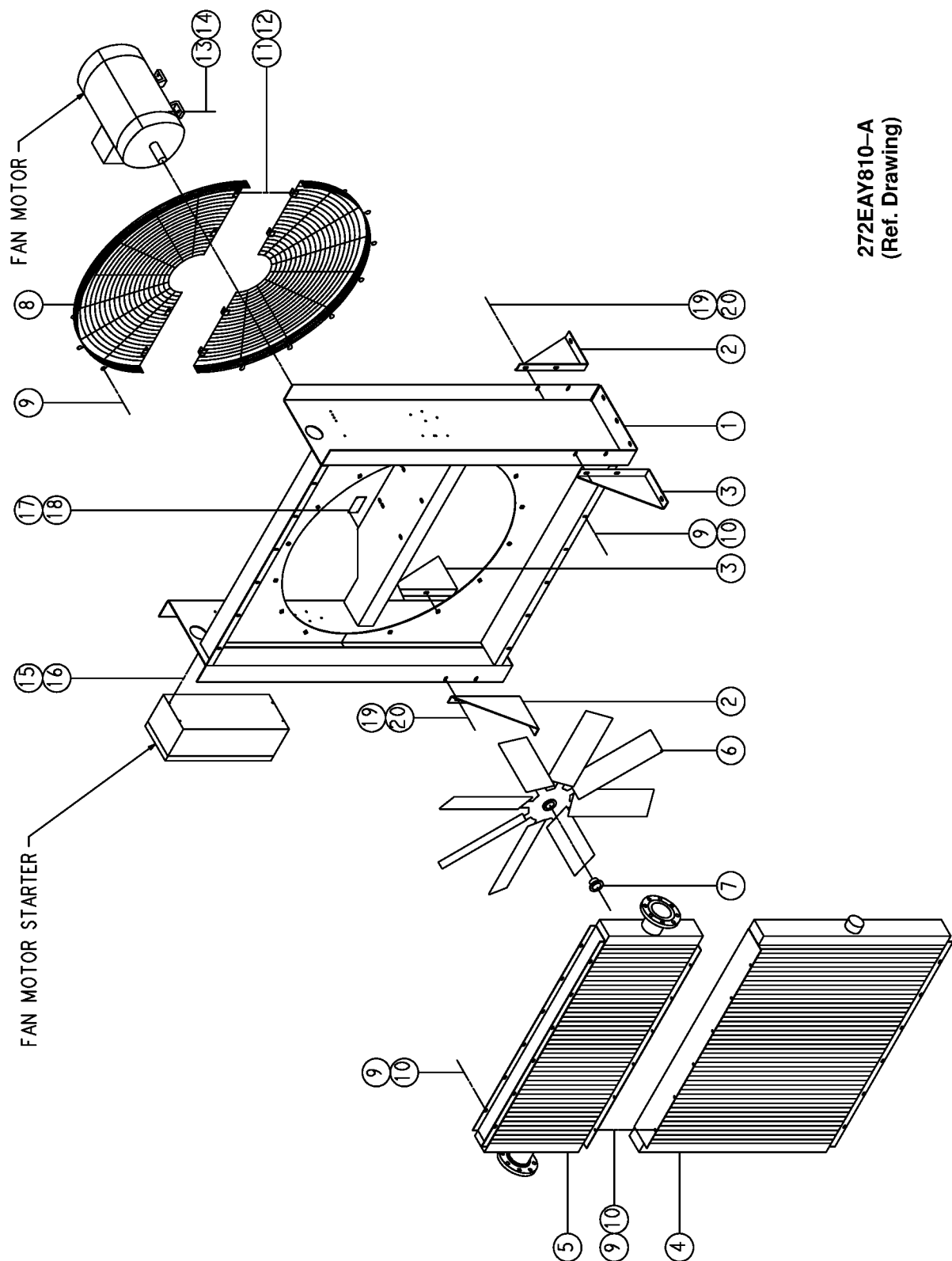
* Furnish as required for repair of complete temperature regulator (kit consists of remote bulb, capillary tube and bellows).

SELECTIVE ITEMS – WATER-COOLED UNITS
(Salt Water Service)
(Not Available for 500 H.P. Service)

Name of Part	350 HORSEPOWER	400 HORSEPOWER
Heat Exchanger, Includes next 6 items	203ESS349	204ESP349
Bracket, Mounting (2)	2109067	2109067
Gasket, Inlet–Outlet	2109063	2109063
Bonnet, Inlet–Outlet	2109077	2109077
Gasket, Return	2109064	2109064
Bonnet, Return	2109076	2109076
Anode–Zinc (2)	2109068	2109068
Regulator–Temperature (Terice)	90AR106	90AR106
* Asm Stem Packing	2109051	2109051
* Thermal System Kit	2109490	2109490

* Furnish as required for repair of complete temperature regulator (kit consists of remote bulb, capillary tube and bellows).

AIR COOLED COOLER GROUP



272EAY810-A
(Ref. Drawing)

AIR COOLED COOLER GROUP

Ref. No.	Name of Part	Qty.	Part No.
1	SUPPORT	1	204EAY165
2	SUPPORT	2	205EAY165
3	SUPPORT	2	206EAY165
4	COOLER-OIL-AIR	1	200EAY201
5	AFTERCOOLER	1	200EAY292
6	FAN	1	200EAY701
7	BUSHING-SHEAVE	1	2009277
8	GUARD-FAN	1	200EAY393
9	SCREW-FLANGED	32	75LM51
10	NUT-FLANGED	18	50AW5
11	SCREW-FLANGED	4	75LM50
12	NUT-FLANGED	4	50AW4
13	SCREW-FLANGED	4	75LM135
14	NUT-FLANGED	4	50AW35
15	SCREW-FLANGED	4	75LM53
16	NUT-FLANGED	4	50AW3
17	PLATE-NAME	1	69A138
18	RIVET	4	70E13
19	SCREW-FLANGED	8	75LM135
20	NUT-FLANGED	8	50AW35

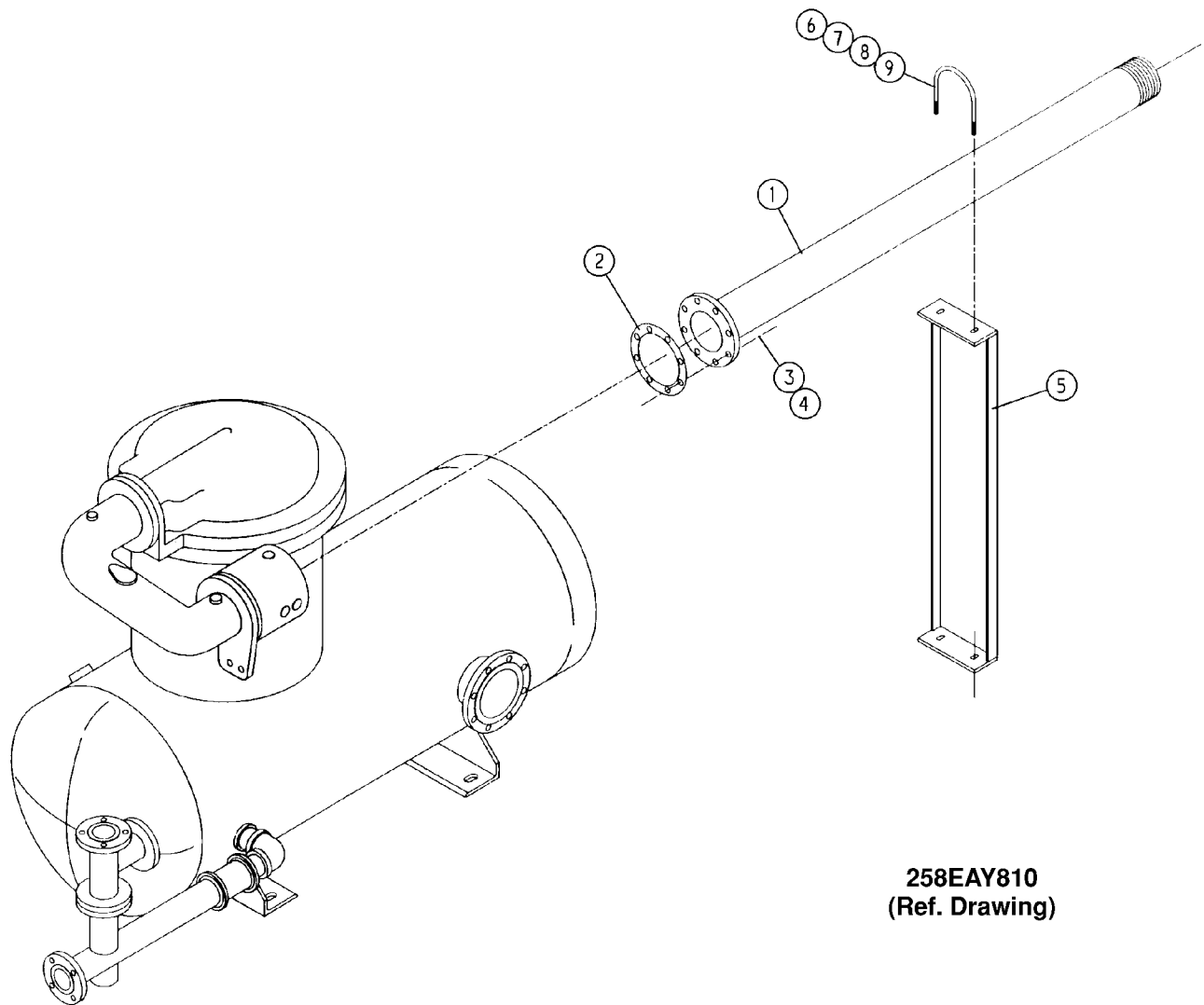
AIR COOLED COOLER SELECTIVES
(With Aftercooler Only) (50/60 Hz)

Cooling Group	H.P.	Volt	NEMA	Fan Motor Starter	Fan Motor	O.L. Heaters (3)	Fuse (3)
* 209EAY4003	350/400	230	1	24CA3668	24CA4065	24CA3684	24CA360
* 210EAY4003	350/400	460	1	24CA3670	24CA4065	24CA638	24CA564
* 211EAY4003	350/400	230	4	24CA3671	24CA4065	24CA3684	24CA360
* 212EAY4003	350/400	460	4	24CA3673	24CA4065	24CA638	24CA564
* 217EAY4003	500	230	1	24CA3668	24CA4065	24CA3684	24CA360
* 218EAY4003	500	460	1	24CA3670	24CA4065	24CA638	24CA564
* 219EAY4003	500	230	4	24CA3671	24CA4065	24CA3684	24CA360
* 220EAY4003	500	460	4	24CA3673	24CA4065	24CA638	24CA564
* 225EAY4003	350/400	575	1	24CA3670	24CA4066	24CA636	24CA555
* 226EAY4003	350/400	575	4	24CA3673	24CA4066	24CA636	24CA555
* 227EAY4003	500	575	1	24CA3670	24CA4066	24CA636	24CA555
* 228EAY4003	500	575	4	24CA3673	24CA4066	24CA636	24CA555
* 231EAY4003	350/400	380	1	24CA3670	24CA4067	24CA642	24CA2005
* 232EAY4003	350/400	380	4	24CA3673	24CA4067	24CA642	24CA2005
* 233EAY4003	500	380	1	24CA3670	24CA4067	24CA642	24CA2005
* 234EAY4003	500	380	4	24CA3673	24CA4067	24CA642	24CA2005

NOTE: (1) Each 83C10 Separator and 83C41 Trap shipped loose with module.

* These cooling groups include reference numbers 1 thru 18 on page 33 and 1 thru 14 on page 36.

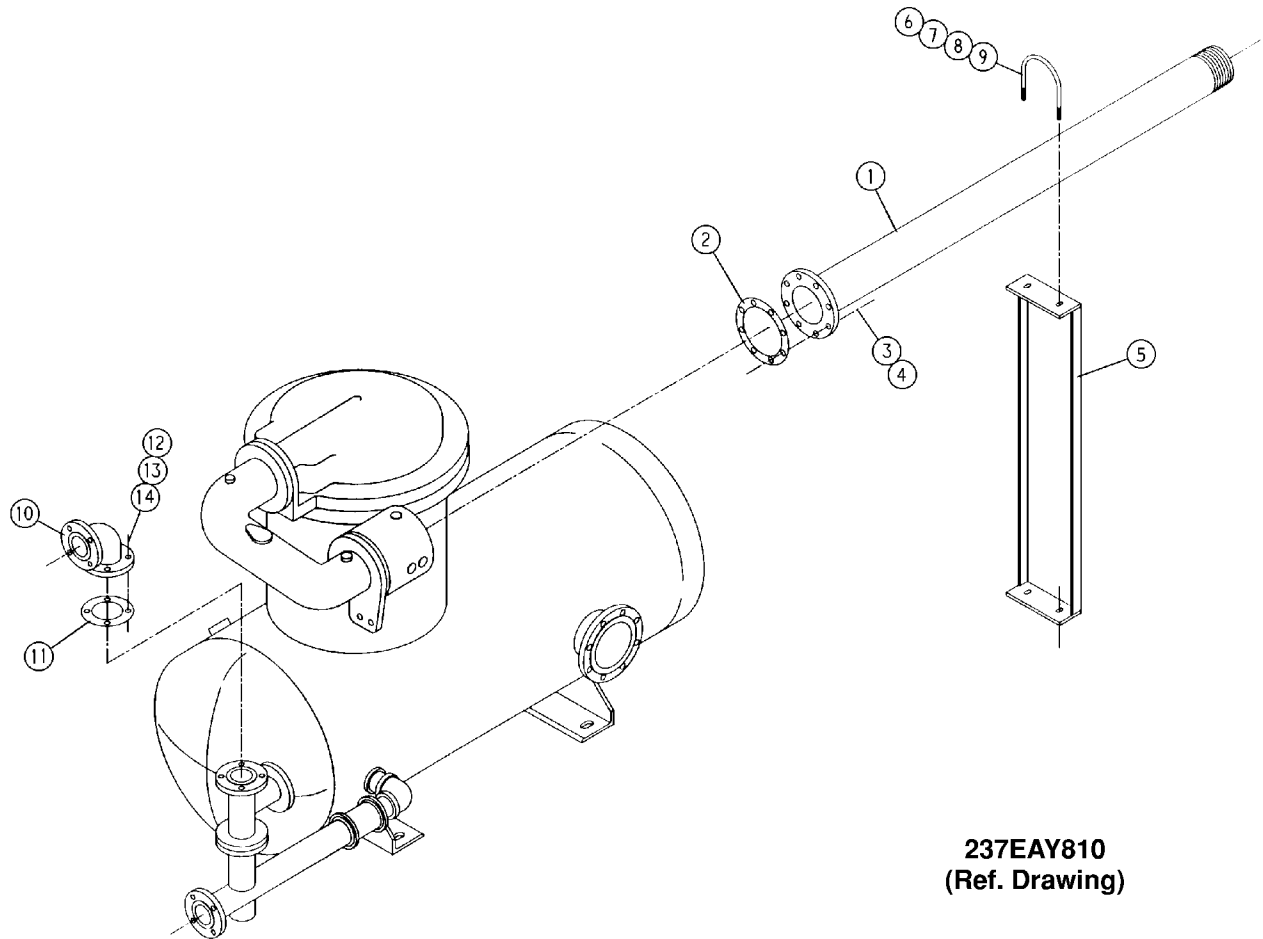
Order by Part Number and Description. Reference Numbers are for your convenience only.



**DISCHARGE PIPING WATER-COOLED
(Without Aftercooler)**

Ref. No.	Name of Part	Qty.	Part No.
1	MANIFOLD-DISCHARGE	1	200EAY071
2	GASKET RING	1	25C2501
3	SCREW	8	655EG070
4	LOCKWASHER	8	95B8
5	BRACKET	1	201ESV108
6	U-BOLT	1	15U48
7	WASHER	2	95A5
8	LOCKWASHER	2	95B5
9	NUT	2	50B5

Order by Part Number and Description. Reference Numbers are for your convenience only.

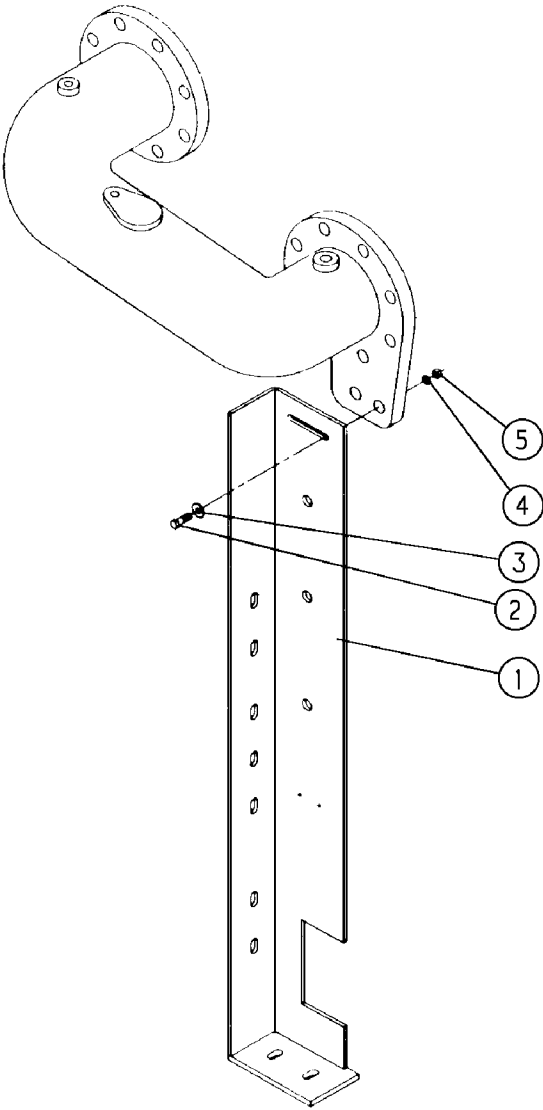


237EAY810
(Ref. Drawing)

DISCHARGE PIPING AIR-COOLED
(Without Aftercooler)

Ref. No.	Name of Part	Qty.	Part No.
1	MANIFOLD-DISCHARGE	1	200EAY071
2	GASKET RING	1	25C2501
3	SCREW	8	655EG070
4	LOCKWASHER	8	95B8
5	BRACKET	1	201ESV108
6	U-BOLT	1	15U48
7	WASHER	2	95A5
8	LOCKWASHER	2	95B5
9	NUT	2	50B5
10	MANIFOLD-OIL	1	202ESV116
11	GASKET	1	25C2007N
12	SCREW	4	655EF100
13	LOCKWASHER	4	95B7
14	NUT	4	50B7

Order by Part Number and Description. Reference Numbers are for your convenience only.

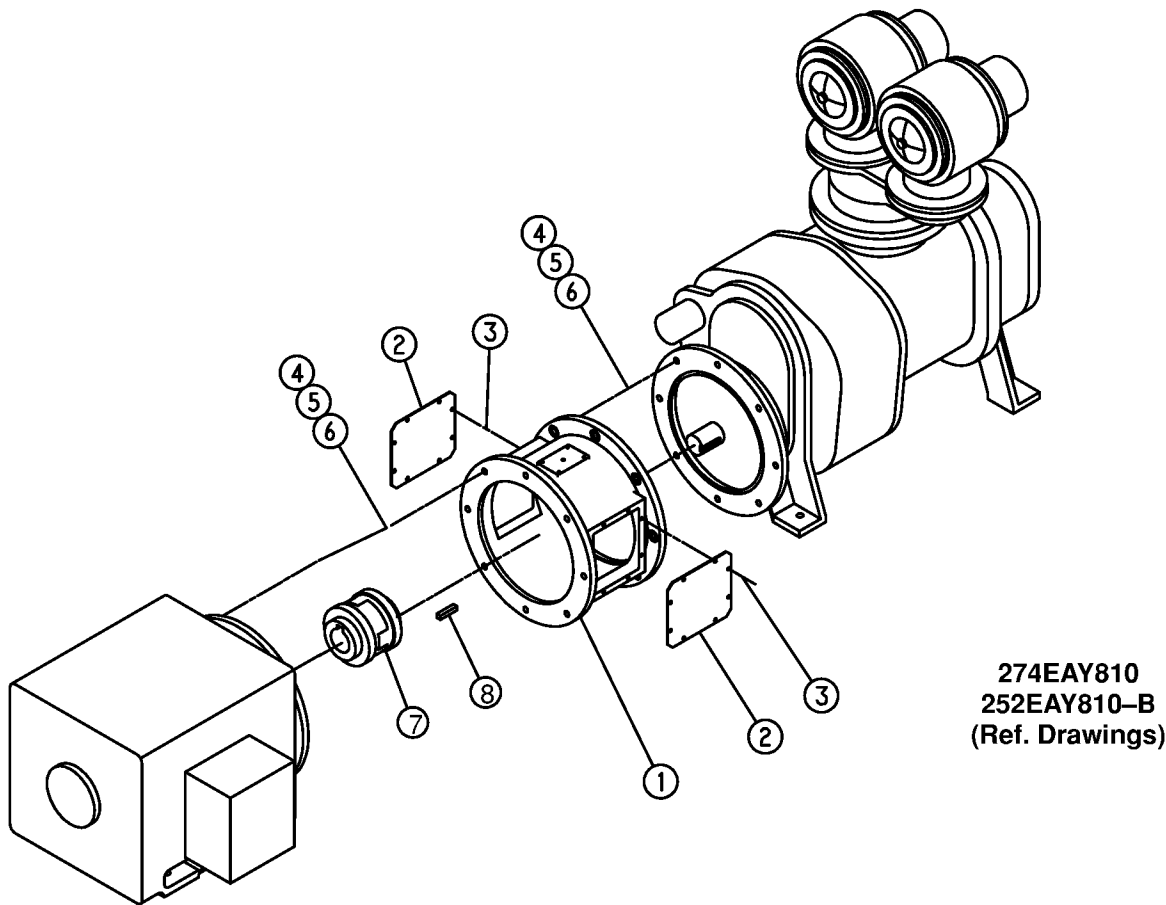


266EAY810
(Ref. Drawing)

MANIFOLD SUPPORT

Ref. No.	Name of Part	Qty.	Part No.
1	BRACKET	1	200EAY118
2	SCREW	2	655EG110
3	WASHER	2	95A8
4	LOCKWASHER	2	95B8
5	NUT	2	50B8

Order by Part Number and Description. Reference Numbers are for your convenience only.



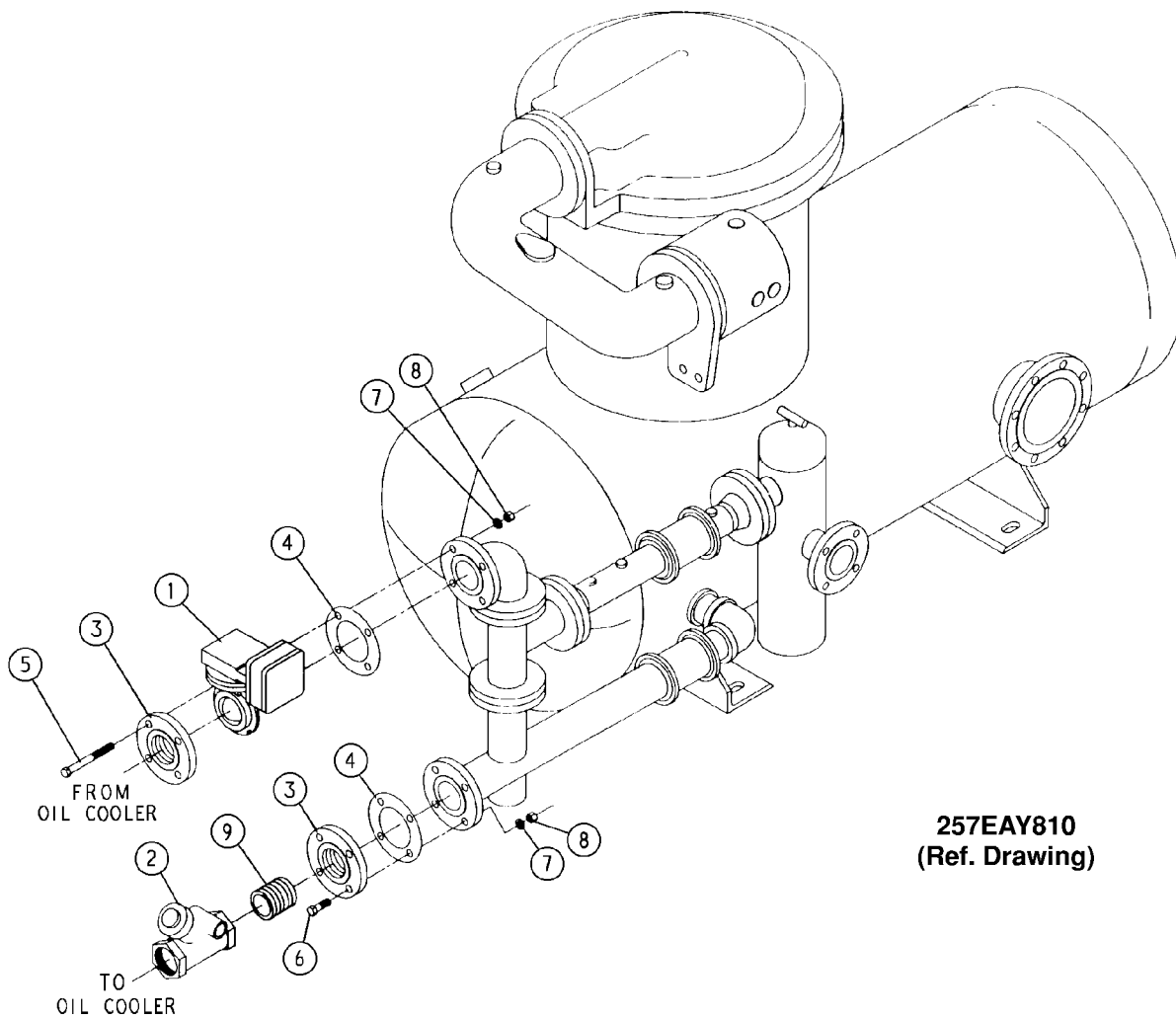
ADAPTOR

Ref. No.	Name of Part	Qty.	Part No.
1	ADAPTOR	1	200SSW170
2	PLATE	2	201SSW247
3	SCREW-FLANGED	16	75LM51
4	SCREW	16	655EG130
5	LOCKWASHER	16	95B8
6	NUT	16	50B8

COUPLING

Ref. No.	Name of Part	Qty.	Standard Motor Part No.	2300/4160V Motor Part No.
7	FLEXIBLE COUPLING	1	2011977	51L34
8	KEY-SQUARE	1	35L28	35L28

Order by Part Number and Description. Reference Numbers are for your convenience only.

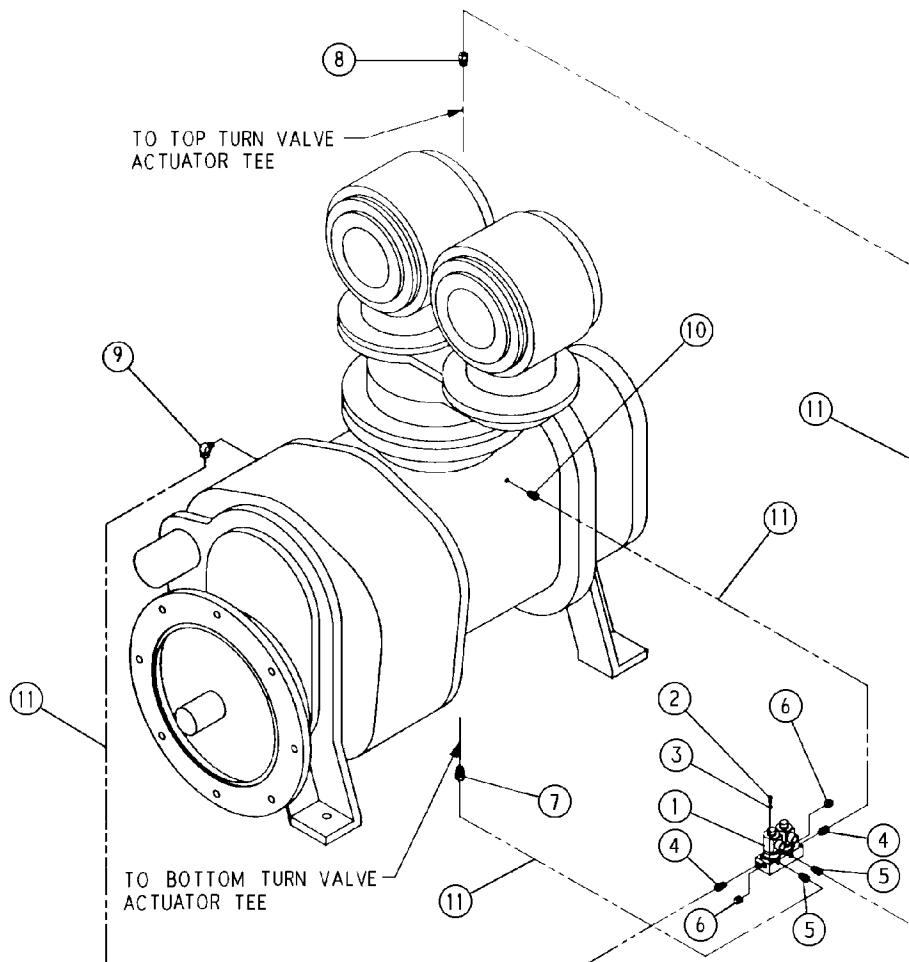


REMOTE COOLER FITTINGS

Ref. No.	Name of Part	Qty.	Part No.
1	VALVE-BUTTERFLY	1	90AR68
2	VALVE-CHECK	1	90J132
3	FLANGE-THREADED	2	64CA8
4	GASKET	2	25C2007N
5	SCREW	4	655EF200
6	SCREW	4	655EF120
7	LOCKWASHER	8	95B7
8	NUT	8	50B7
9	NIPPLE	1	63M2G
*	ELBOW-TUBE	2	86E60
*	TUBE	9.16 Ft.	85G3

* Not shown on illustration.

Order by Part Number and Description. Reference Numbers are for your convenience only.



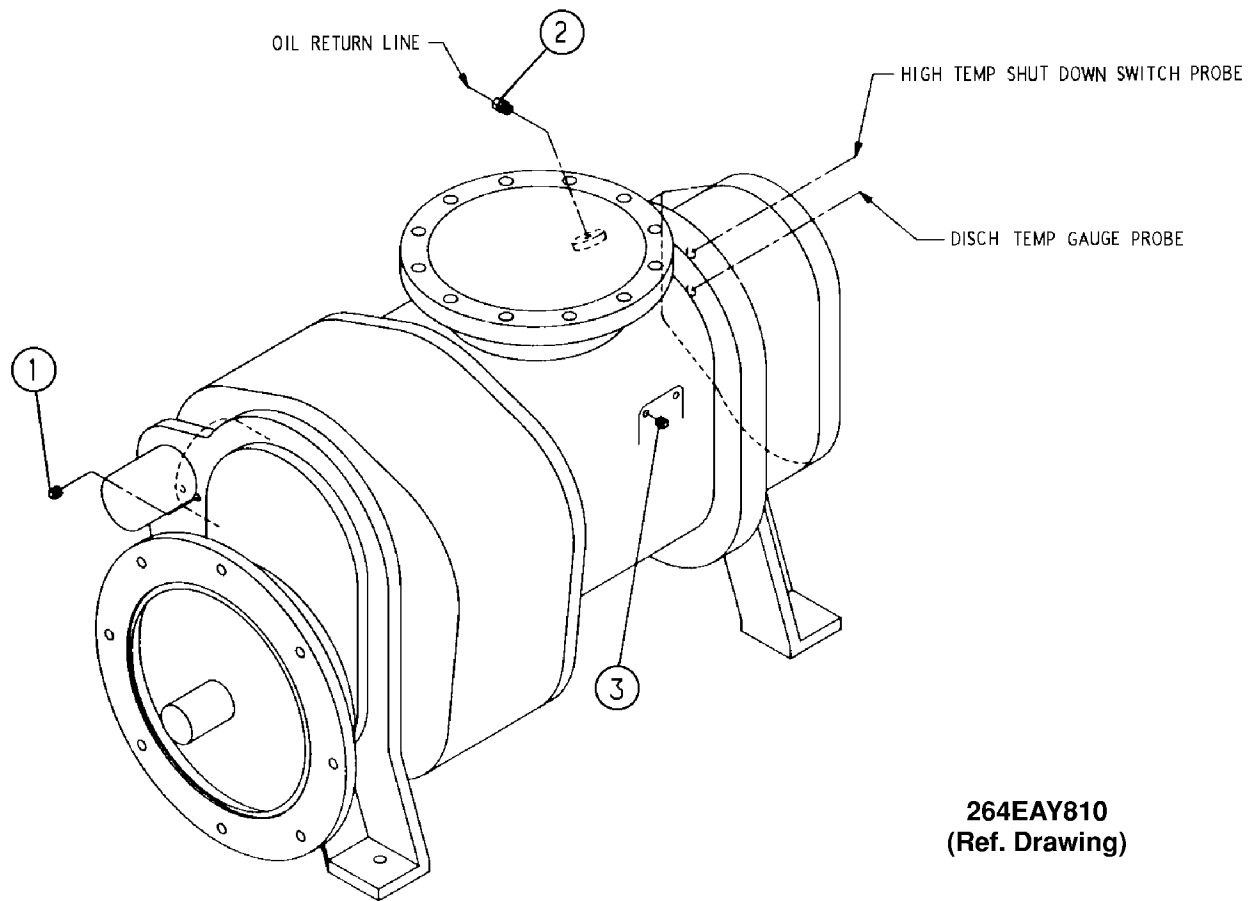
260EAY810
(Ref. Drawing)

TURN VALVE ACTUATOR

Ref. No.	Name of Part	Qty.	Part No.
1	VALVE-SOLENOID	1	200EAQ861
2	SCREW	2	75P26
3	LOCKWASHER	2	95B1
4	CONNECTOR-TUBE	2	86E10
5	CONNECTOR-TUBE	2	86E4
6	PLUG	2	64AA4
7	CONNECTOR-TUBE	1	86E4
8	CONNECTOR-TUBE	1	86E4
9	ELBOW-TUBE	1	86E60
10	CONNECTOR-TUBE	1	86E5
11	TUBE	15 Ft.	85K3
12 *	FITTING-CONDUIT	1	24A341

* Not shown on drawing.

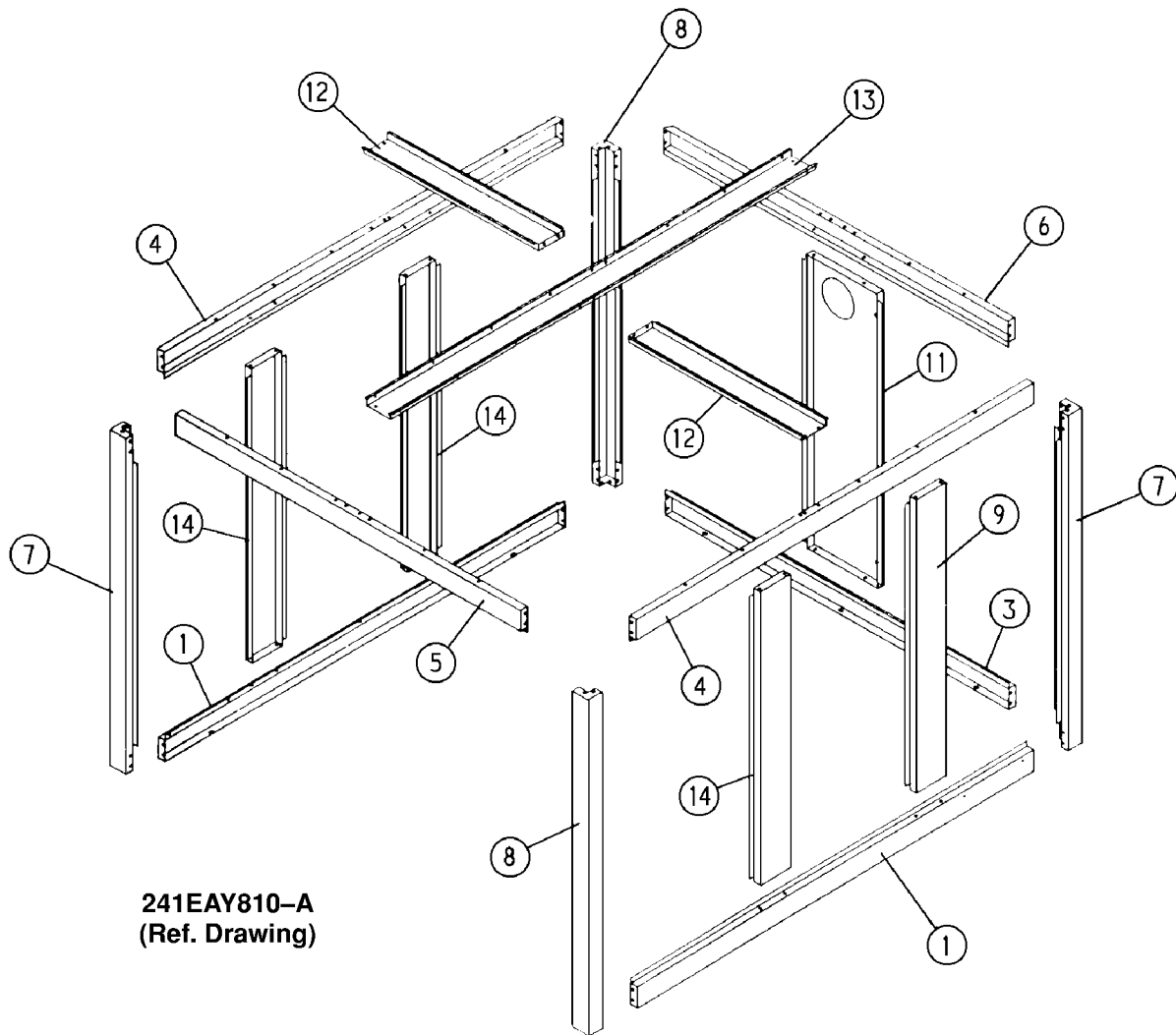
Order by Part Number and Description. Reference Numbers are for your convenience only.



COMPRESSOR FITTINGS

Ref. No.	Name of Part	Qty.	Part No.
1	PLUG	1	64AA5
2	CONNECTOR-TUBE	1	86E9
3	PLUG	1	64AC3

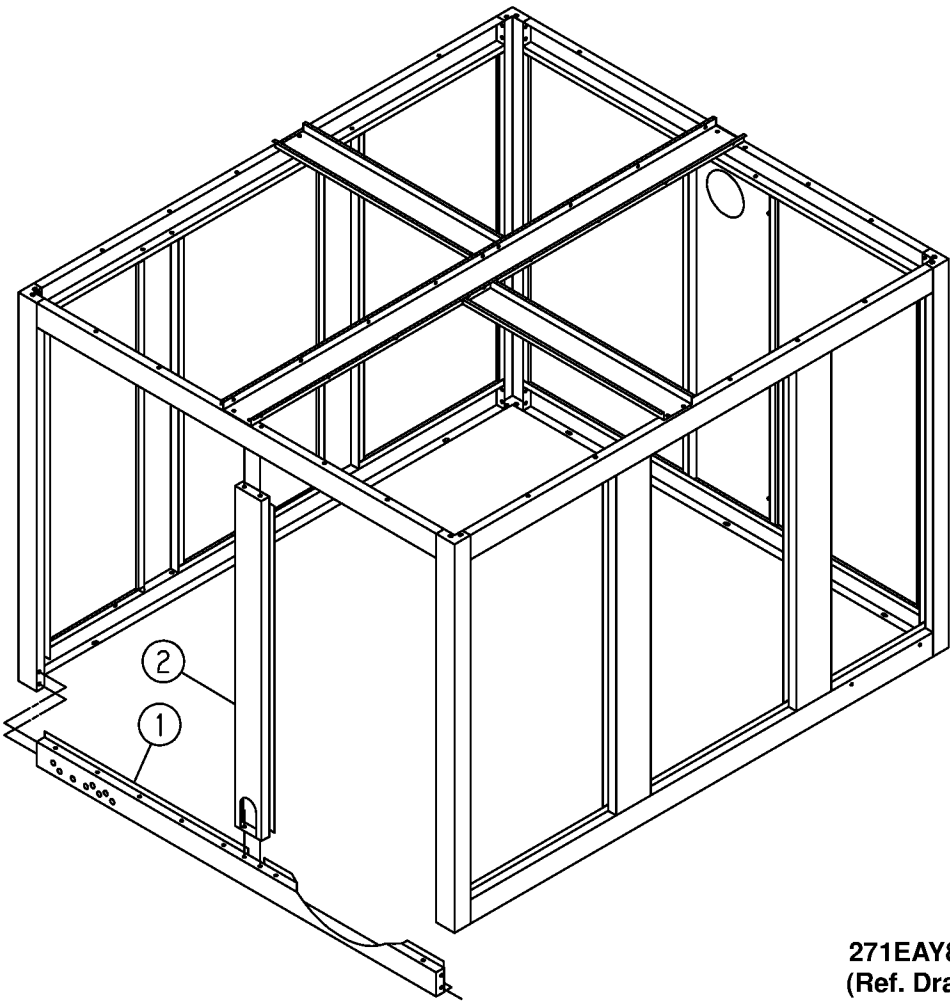
Order by Part Number and Description. Reference Numbers are for your convenience only.



FRAME GROUP

Ref. No.	Name of Part	Qty.	Part No.
1	FRAME	2	200EAY314
3	FRAME	1	203EAY314
4	FRAME	2	204EAY314
5	FRAME	1	205EAY314
6	FRAME	1	206EAY314
7	POST	2	201EAY313
8	POST	2	202EAY313
9	BRACE	1	200EAY326
11	BRACE	1	202EAY326
12	BRACE	1	203EAY326
13	BRACE-CHANNEL	1	204EAY326
14	BRACE	3	205EAY326

Order by Part Number and Description. Reference Numbers are for your convenience only.

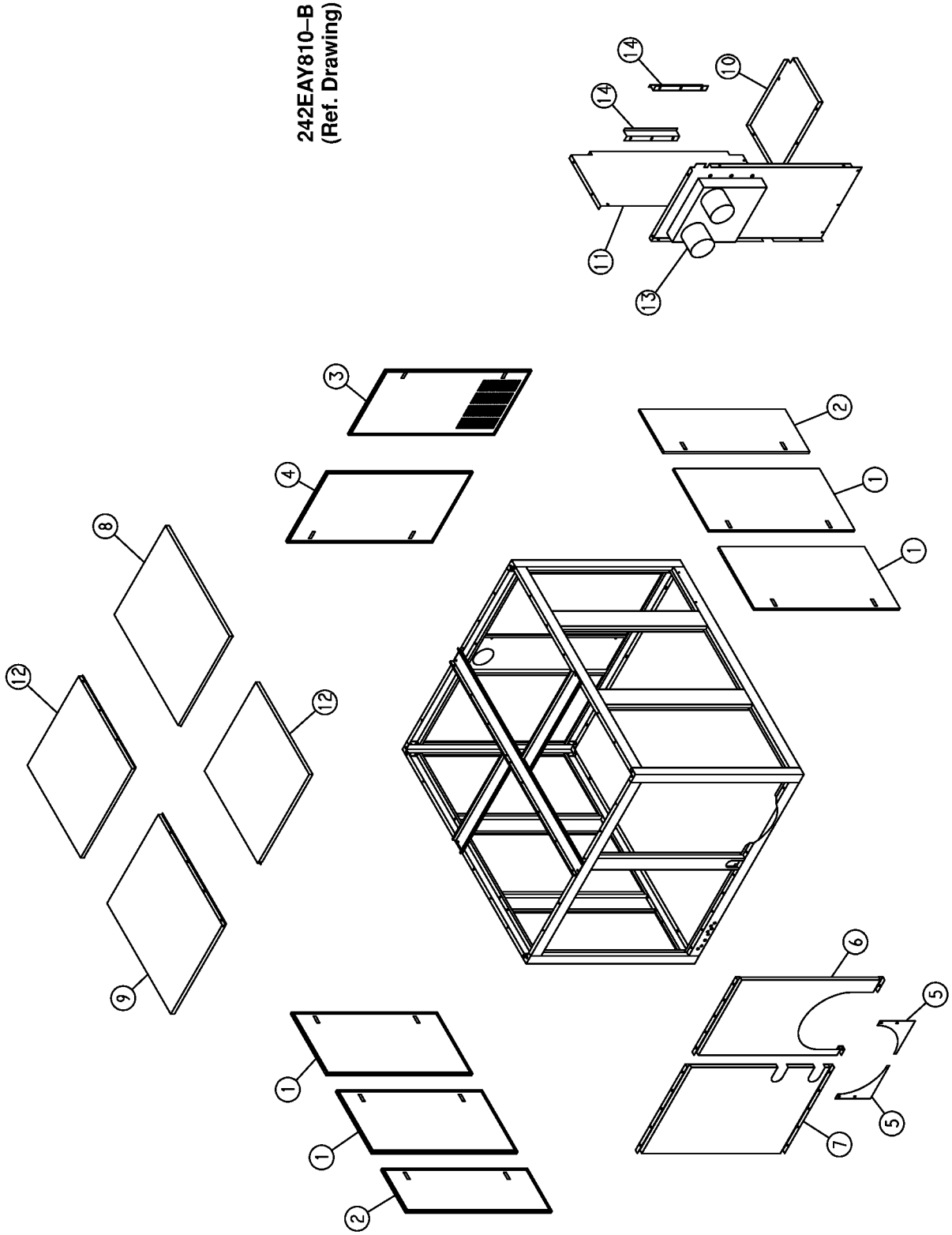


271EAY810-A
(Ref. Drawing)

ENCLOSURE GROUP – PANELS

Ref. No.	Name of Part	Qty.	Part No.
1	FRAME	1	202EAY314
2	BRACE	1	201EAY326

ENCLOSURE GROUP



242EAY810-B
(Ref. Drawing)

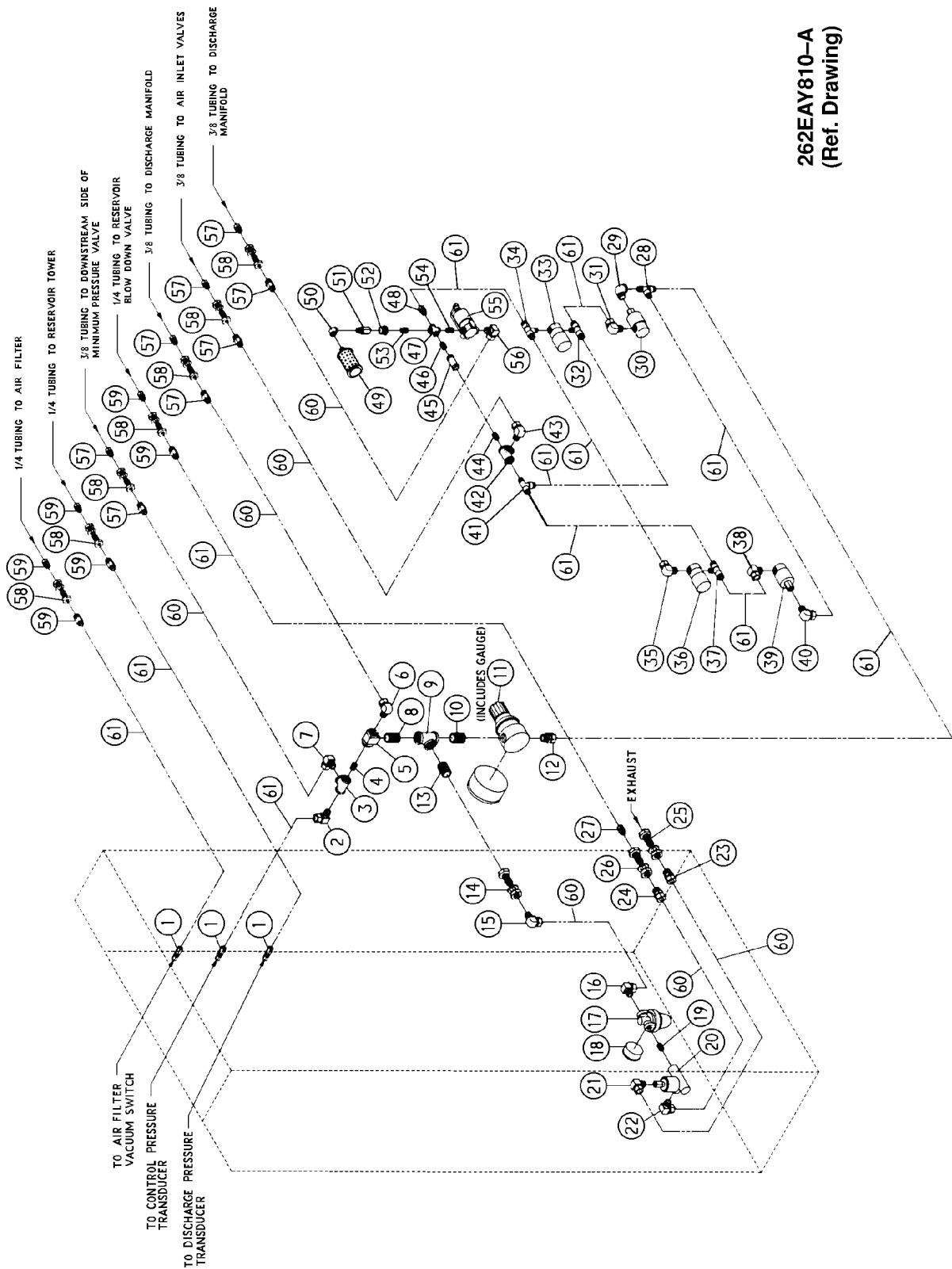
Order by part number and description. Reference numbers for your convenience only.

ENCLOSURE GROUP

Ref. No.	Name of Part	Qty.	Part No.
1	DOOR	4	200EAY334
2	DOOR	2	201EAY334
3	DOOR	1	202EAY334
4	DOOR	1	203EAY334
5	PANEL	2	200EAY216
6	PANEL	1	202EAY216
7	PANEL	1	203EAY216
8	PANEL	1	204EAY216
9	PANEL	1	205EAY216
10	PANEL	1	206EAY216
11	PANEL	1	207EAY216
12	PANEL	2	212EAY216
13	DUCT	1	200EAY856
14	BRACKET	2	203ESV141
*	STRIP	10 Ft.	00800736

* Not shown.

CONTROL MOUNTING



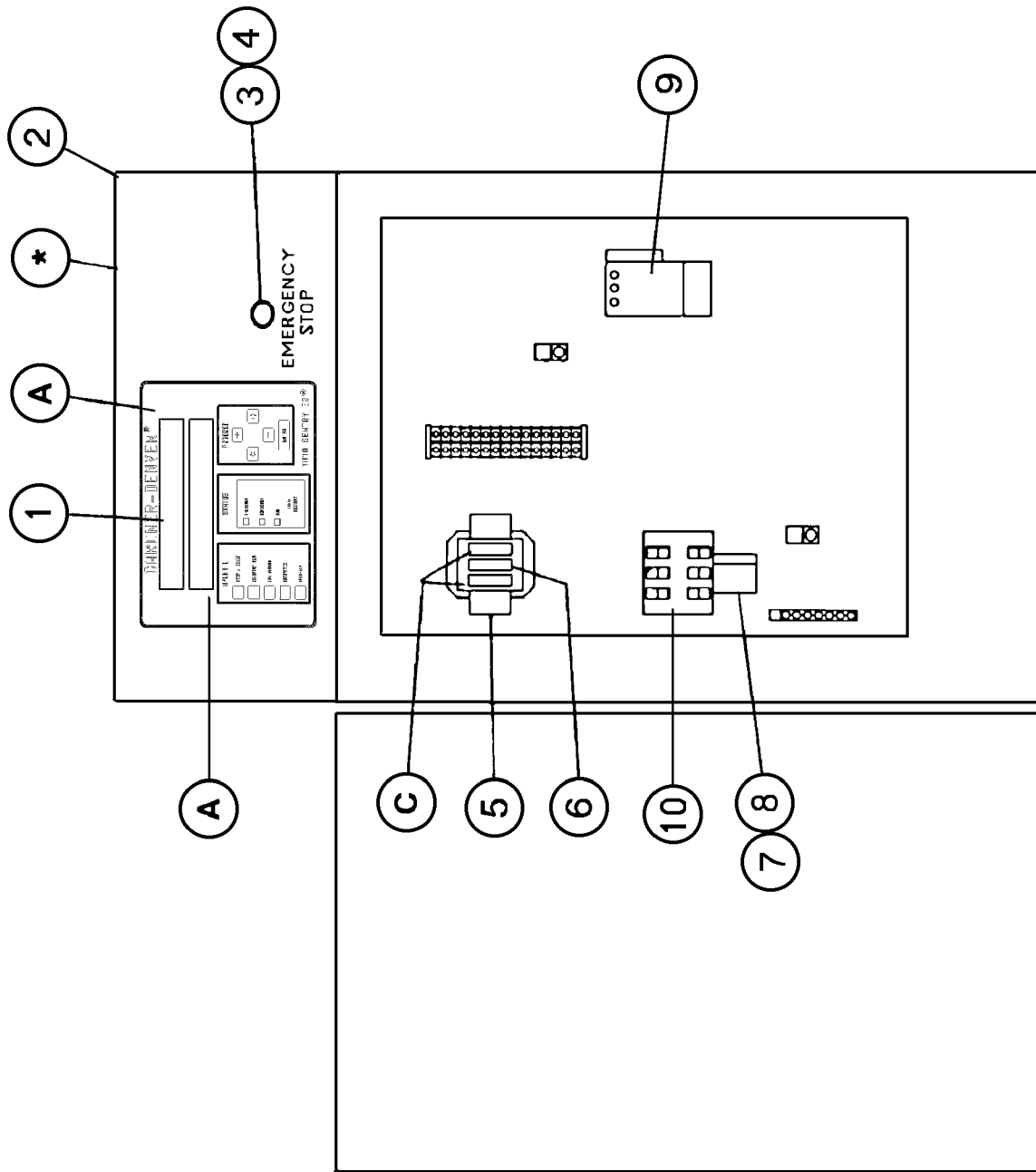
262EAY810-A
(Ref. Drawing)

Order by part number and description. Reference numbers for your convenience only.

CONTROL MOUNTING

Ref. No.	Name of Part	Qty.	Part No.	Ref. No.	Name of Part	Qty.	Part No.
1	CONNECTOR	3	86N218	32	TEE-TUBE	1	86E119
2	ELBOW-TUBE	1	86E60	33	SOLENOID VALVE	1	91B80
3	TEE-PIPE	1	64G3G	34	TEE-TUBE	1	86E119
4	NIPPLE	1	63D1G	35	ELBOW-TUBE	1	86E60
5	VALVE	1	90AR107	36	SOLENOID VALVE	1	91B80
6	ELBOW-TUBE	1	86E64	37	TEE-TUBE	1	86E119
7	ELBOW-TUBE	1	86E64	38	ELBOW-TUBE	1	86E60
8	NIPPLE	1	63D1G	39	SOLENOID VALVE	1	91B81
9	TEE-PIPE	1	64G3G	40	ELBOW-TUBE	1	86E60
10	NIPPLE	1	63D1G	41	TEE-TUBE	1	2009284
11	REGULATOR-PRESSURE ...	1	88H139	42	TEE-PIPE	1	64G3G
12	CONNECTOR-TUBE	1	86E4	43	ELBOW-TUBE	1	86E64
13	NIPPLE	1	63D1G	44	NIPPLE	1	63D1G
14	COUPLING-PIPE	1	64EB368	45	VALVE-CHECK	1	90J140
15	ELBOW-TUBE	1	86E64				
16	ELBOW-TUBE	1	86E64	46	NIPPLE	1	63D1G
17	REGULATOR-PRESSURE ...	1	88H26	47	CROSS-PIPE	1	64K1G
18	GAUGE-PRESSURE	1	27P104	48	CONNECTOR-TUBE	1	86E4
19	NIPPLE	1	63D1G	49	MUFFLER	1	43E6
20	SOLENOID VALVE	1	91B34	50	ELBOW-PIPE	1	64C4G
21	ELBOW-TUBE	1	86E64	51	ORIFICE	1	200ECM814
22	ELBOW-TUBE	1	86E64	52	BUSHING-PIPE	1	64E2
23	CONNECTOR-TUBE	1	86E9	53	NIPPLE	1	63D1G
24	CONNECTOR-TUBE	1	86E9	54	NIPPLE	1	63D1G
25	COUPLING-PIPE	1	64EB368	55	SOLENOID VALVE	1	91B70
26	COUPLING-PIPE	1	64EB368	56	ELBOW-TUBE	1	86E64
27	CONNECTOR-TUBE	1	86E4	57	CONNECTOR-TUBE	8	86E9
28	TEE-TUBE	1	2009284	58	COUPLING-PIPE	7	64EB368
29	ELBOW-PIPE ST	1	64D2G	59	CONNECTOR-TUBE	6	86E4
30	SOLENOID VALVE	1	91B81	60	TUBE	20 Ft.	85K5
31	ELBOW-TUBE	1	86E60	61	TUBE	20 Ft.	85K3

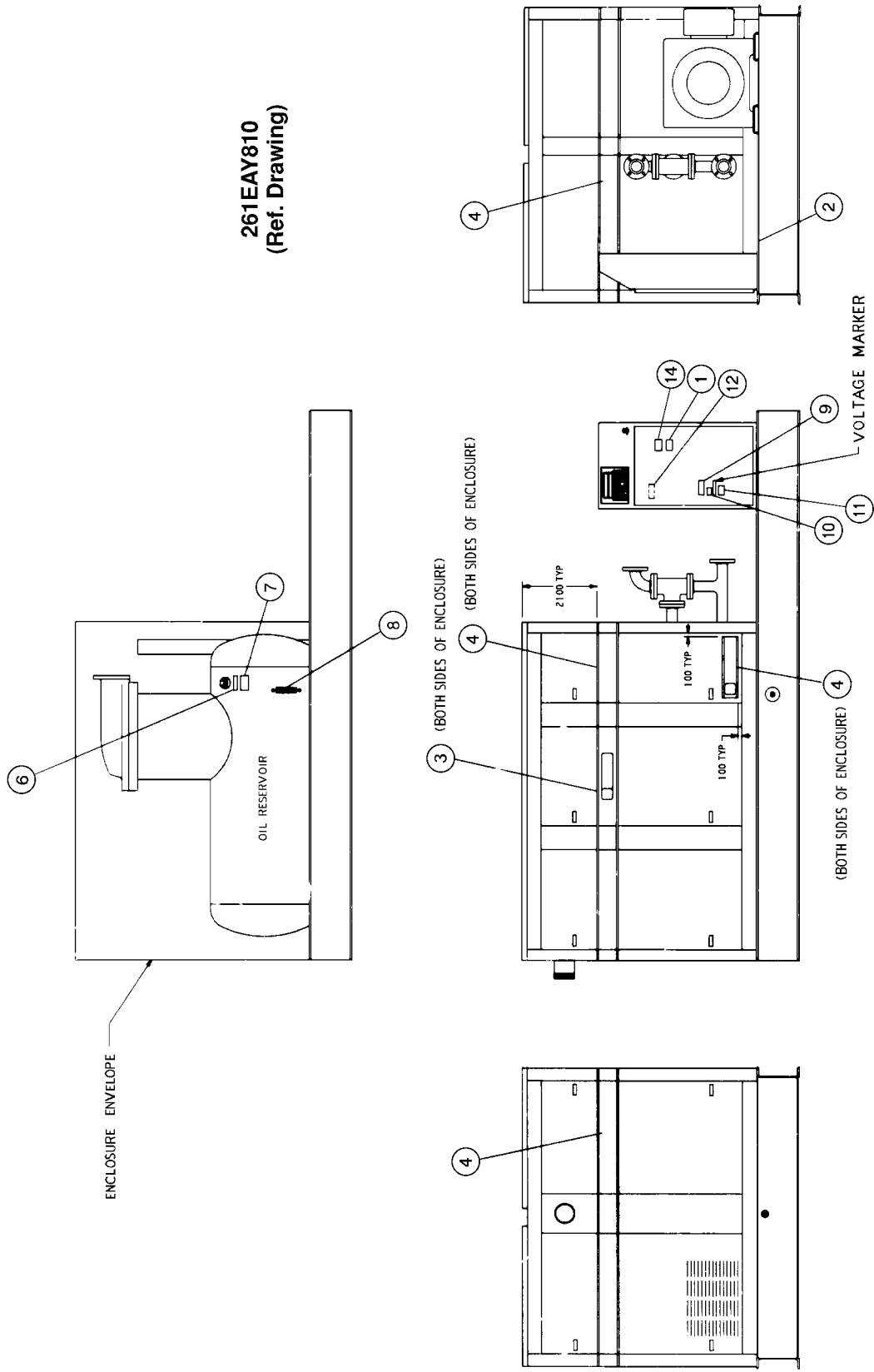
CONTROLLER ASSEMBLY



CONTROLLER ASSEMBLY

	QTY.	200V	230V	460V	575V	380V
* ASSEMBLED PANEL: NEMA 12	1	277EAP466	276EAP466	276EAP466	279EAP466	278EAP466
* ASSEMBLED PANEL: NEMA 4	1	281EAP466	280EAP466	280EAP466	283EAP466	282EAP466
A FUSE, CONTROL BOARD	2	24CA2932	24CA2932	24CA2932	24CA2932	24CA2932
B FUSE, TRANSFORMER SECONDARY	1	24CA3728	24CA3728	24CA3728	24CA3728	24CA3728
C FUSE, TRANSFORMER PRIMARY	2	24CA2786	24CA2786	24CA2783	24CA2783	24CA2783
1 ELECTRONIC CONTROLLER ASSEMBLY	1	200EAP2006	200EAP2006	200EAP2006	200EAP2006	200EAP2006
2 CONTROL BOX	1	200EAP179	200EAP179	200EAP179	200EAP179	200EAP179
3 OPERATOR	1	24CA2907	24CA2907	24CA2907	24CA2907	24CA2907
4 CONTACT BLOCK	1	24CA2908	24CA2908	24CA2908	24CA2908	24CA2908
5 TRANSFORMER, 275 VA	1	2116371	2116372	2116372	2116373	2116864
6 FUSE	1	24CA3728	24CA3728	24CA3728	24CA3728	24CA3725
7 STARTER	1	24CA4132	24CA4132	24CA4132	24CA4132	24CA4132
8 REPLACEMENT COIL	1	2115950	2115950	2115950	2115950	2115950
9 RELAY	1	24CA3896	24CA3896	24CA3896	24CA3896	24CA3896
10 HOLDER	1	24CA2554	24CA2554	24CA2554	24CA2554	24CA2554

IDENTIFICATION AND INSTRUCTION GROUP



Order by part number and description. Reference numbers for your convenience only.

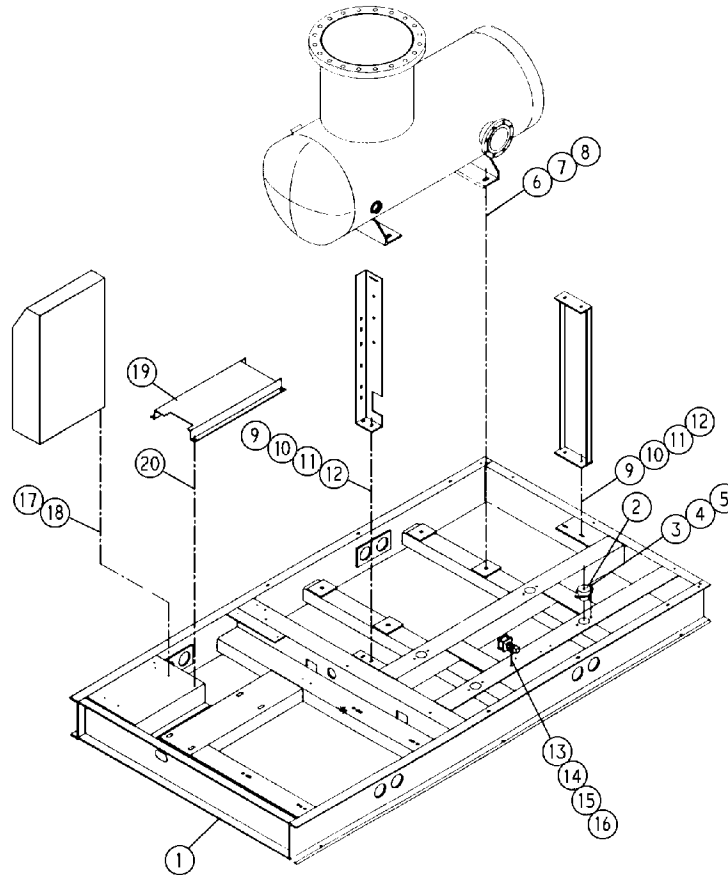
IDENTIFICATION AND INSTRUCTION GROUP

Ref. No.	Name of Part	Qty.	Part No.
1	NAMEPLATE	1	69F64
2	RIVET	4	70E13
3 *	DECAL	2	201EAP077
4 *	DECAL	9	203ESO077
5 *	DECAL	2	204ESO077
6	DECAL	2	205ESO077
7	DECAL	1	228EAQ077
8	DECAL	1	203ESF077
9	PLATE-DATA	1	200ESG454
10	DECAL	1	209SPH077
11	DECAL	1	202ESG077
12	DECAL	1	203ECH077
13	DECAL	1	204EDE077
14 **	DECAL, QUALITY WITHOUT QUESTION	1	251EAQ077
15	DECAL	1	242EAQ077

* Both sides of enclosure.

** Not shown on illustration.

Order by Part Number and Description. Reference Numbers are for your convenience only.

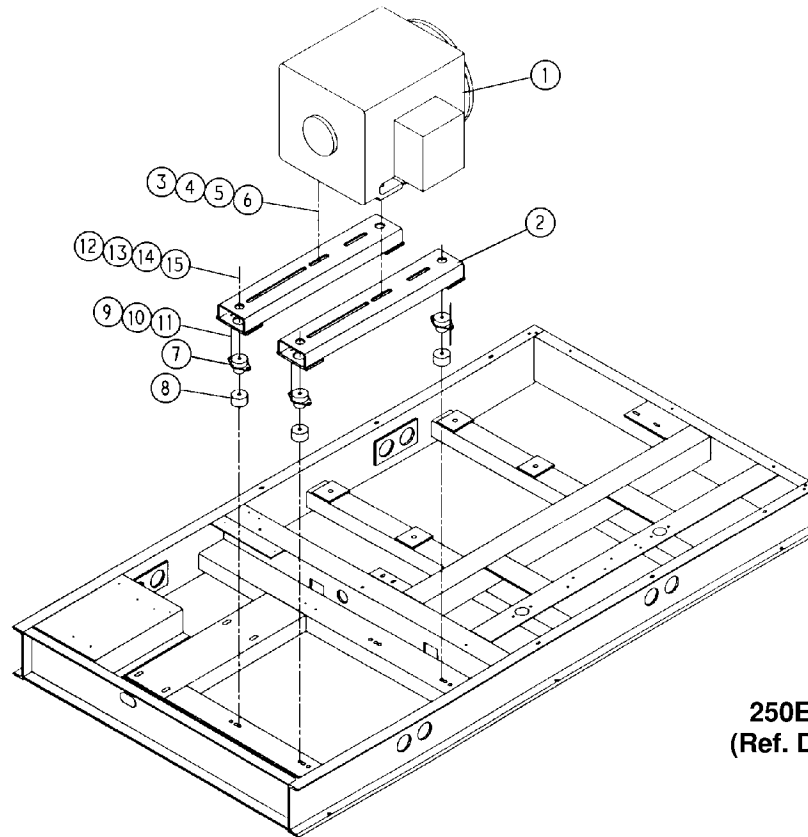


265EAY810
(Ref. Drawing)

BASE AND MOUNTING

Ref. No.	Name of Part	Qty.	Part No.
1	BASE	1	204EAY285
2	ISOLATOR-VIBRATION	4	49C48
3	SCREW	8	655EE050
4	LOCKWASHER	8	95B5
5	NUT	8	50B5
6	SCREW	4	655EH080
7	WASHER	4	95A10
8	LOCKWASHER	4	95B10
9	SCREW	4	655EE080
10	WASHER	4	95A5
11	LOCKWASHER	4	95B5
12	NUT	4	50B5
13	SCREW	2	655EC060
14	WASHER	2	95A1
15	LOCKWASHER	2	95B1
16	NUT	2	50B1
17	SCREW	4	655ED040
18	LOCKWASHER	4	95B3
19	COVER	1	204EAY225
20	SCREW-TAPPING	4	75K20

Order by Part Number and Description. Reference Numbers are for your convenience only.



250EAY810
(Ref. Drawing)

MOTOR MOUNTING GROUP

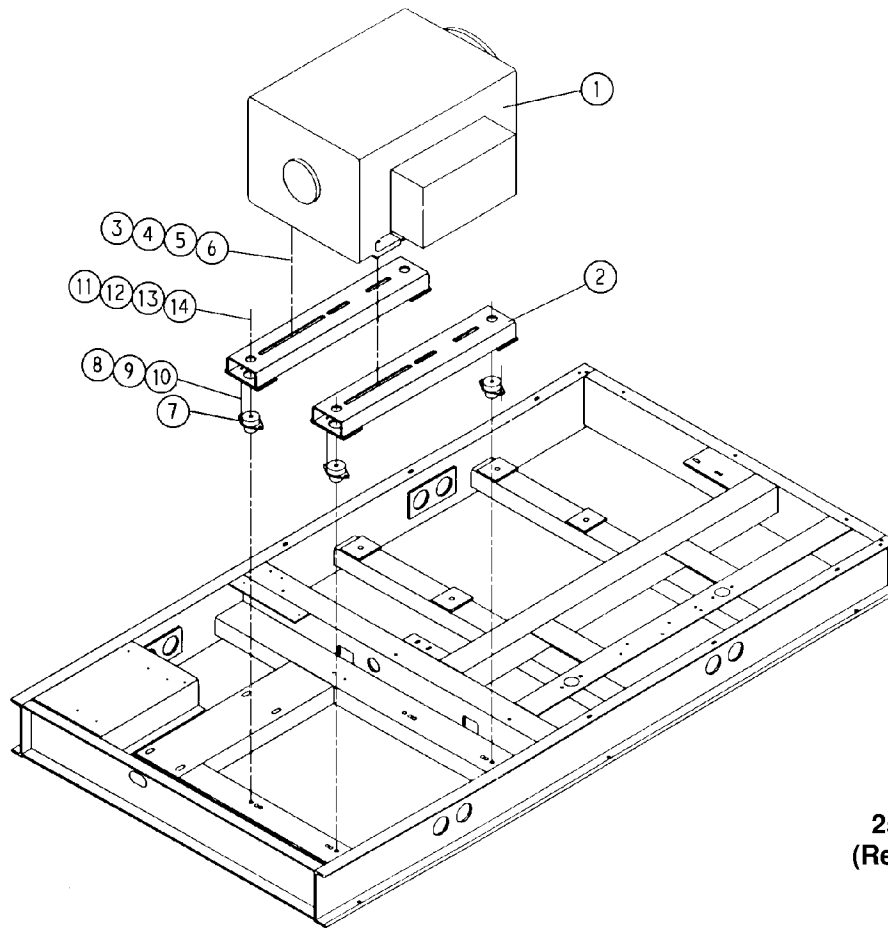
Ref. No.	Name of Part	Qty.	Part No.
1	MOTOR	1	*
2	RAIL	2	201EAY095
3	SCREW	4	655EG110
4	WASHER	8	95A8
5	LOCKWASHER	4	95B8
6	NUT	4	50B8
7	ISOLATOR-VIBRATION	4	49C48
8 **	SPACER	4	200ESV144
9	SCREW	8	655EE060
10	LOCKWASHER	8	95B5
11	NUT	8	50B5
12 ***	SCREW	4	655EG260
13	WASHER	8	95A8
14	LOCKWASHER	4	95B8
15	NUT	4	50B8

* Selective item. See page 55.

** Not used on 500 HP 4160V ODP Motor.

*** 655EG200 used on 500 HP 4160V ODP Motor.

Order by Part Number and Description. Reference Numbers are for your convenience only.



251EAY810
(Ref. Drawing)

MOTOR MOUNTING GROUP – 500 HP – 4160 VOLT

Ref. No.	Name of Part	Qty.	Part No.
1	MOTOR	1	24CA1028
2	RAIL	2	201EAY095
3	SCREW	4	655EG110
4	WASHER	8	95A8
5	LOCKWASHER	4	95B8
6	NUT	4	50B8
7	ISOLATOR-VIBRATION	4	49C48
8	SCREW	8	655EE060
9	LOCKWASHER	8	95B5
10	NUT	8	50B5
11	SCREW	4	655EG200
12	WASHER	8	95A8
13	LOCKWASHER	4	95B8
14	NUT	4	50B8

MOTOR SELECTIVES

(From page 53)

350 HP, 460 VOLT, ODP, 60 HZ	24CA786
350 HP, 2300 VOLT, ODP, 60 HZ	24CA787
350 HP, 4000 VOLT, ODP, 60 HZ	24CA847
350 HP, 4160 VOLT, ODP, 60 HZ	24CA849
400 HP, 460 VOLT, ODP, 60 HZ	24CA788
400 HP, 2300 VOLT, ODP, 60 HZ	24CA1313
400 HP, 4000 VOLT, ODP, 60 HZ	24CA1313
500 HP, 460 VOLT, ODP, 60 HZ	24CA791
500 HP, 2300 VOLT, ODP, 60 HZ	24CA1314
500 HP, 4000 VOLT, ODP, 60 HZ	24CA1314
500 HP, 4160 VOLT, ODP, 60 HZ	24CA1028

REPAIR KITS

Name of Part	Qty.	Part No.
ROUTINE MAINTENANCE KIT (3000 HOURS) (Includes next five items) . . .		EAY68417
AIR FILTER	2	2009590
OIL FILTER	3	26A43
ELEMENT, OIL FILTER	3	2109086
O-RING, OIL FILTER	1	25BC140
INDICATOR-ASSEMBLY	1	2109125
PERIODIC MAINTENANCE (Includes next eight items)		EAY68806
ELEMENT, MIXING VALVE	2	2109366
O-RING, ELEMENT	2	25BC164
GASKET, HOUSING	1	2010695
VALVE-DISC	1	200SSW067
SPRING, INLET VALVE	1	78A365
SPRING, VALVE PISTON	1	78A366
RING-PISTON	2	65A319
VALVE-DISC	1	200SSY067
PERIODIC OVERHAUL KIT (SSYAAE) (Includes next twelve items)		202SSY6013
GASKET KIT	1	200SSY6007
BEARING	1	12BA109
BEARING	1	12BA107
BEARING-ROLLER	1	12BA108
KEY	1	35L20
BEARING	1	12BA47
BEARING-ROLLER	2	12BA37
KEY	1	35L14
SEAL-OIL	1	60DD695
SEAL-OIL	1	60DD694
BEARING	2	12J43
KEY-WOODRUFF	1	35D2
OIL SEAL/CHECK VALVE KIT (Includes next ten items)		201SSY6013
OIL SEAL	1	60DD695
OIL SEAL	1	60DD694
CHECK VALVE	1	90AR923
O-RING	1	25BC109
SHIM	8	203SSY732
SHIM	16	204SSY732
SHIM	16	205SSY732
SHIM	8	207SSY732
SHIM	8	208SSY732
WEAR SLEEVE	1	200SSY1458
WEAR SLEEVE INSTALLATION AND REMOVAL KIT	1	200SSY4017

REPAIR KITS (Continued)

Name of Part	Qty.	Part No.
SEPARATOR KIT (Includes next six items)		EAY80129
OIL SEPARATOR	1	55B30
TUBE (3 Ft.)	3	85G3
PLUG, PIPE	1	64AA6
UNION, TUBE	1	86E48
CONNECTOR, TUBE	1	86E4
GASKET	1	25C807N
PNEUMATIC CONTROL & GAUGES (Includes next seven items)		200EAY6013
CONTROL VALVE	1	90AR262
CHECK VALVE	1	90K173
CONTROL VALVE	1	90AR107
AIR CONTROL VALVE	1	90AR114
REGULATOR-PRESSURE	1	88H139
GAUGE	1	27P104
REGULATOR-PRESSURE	1	88H26
ELECTRICAL CONTROL KIT (Includes next six items)		201EAY6013
SOLENOID VALVE	1	91B34
SOLENOID VALVE	1	91B70
SOLENOID VALVE	2	91B80
SOLENOID VALVE	2	91B81
THERMISTOR PROBE	1	21D264
SOLENOID VALVE	1	200EAQ861
DRIVE COUPLING KIT (Includes next item)		EAU77786
CUSHION, COUPLING	6	2109118
GASKET KIT (SSYAAE) (Includes next sixteen items)		200SSY6007
GASKET	1	208SSY715N
GASKET-RING	5	25F13
SHIM	1	77H65
GASKET	1	201SSY715N
GASKET	1	200SSY715N
O-RING	1	25BC109
SHIM	8	203SSY732
SHIM	16	204SSY732
SHIM	16	205SSY732
SHIM	8	207SSY732
SHIM	8	208SSY732
O-RING	1	54C210
O-RING	1	25BC114
GASKET	4	25BC138N
PACKING-RING	4	60AM46
SEAL-FASTENER	2	60DD65



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