

PARTS

Vista Blending and
Non-blending
Dispenser Shared
Assemblies
Parts Manual
Volume 2

Vista Blending and Non-blending Dispenser Shared Assemblies Parts Manual Volume 2

This manual lists parts for dispenser subassemblies which are common to all Vista models. For dispenser assemblies which are unique to a specific Vista dispenser, refer to the parts manual for your specific Vista model.

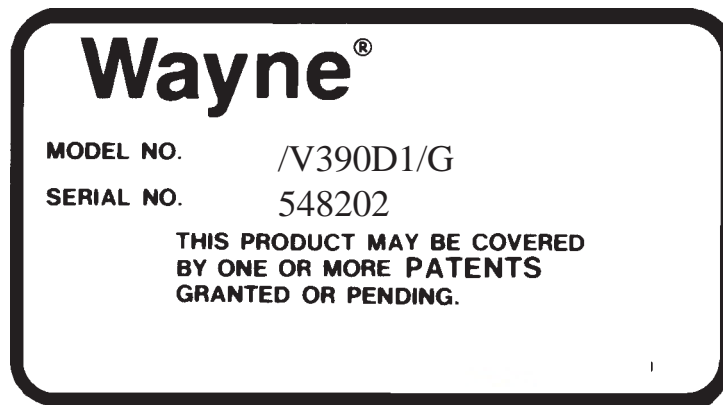
HOW TO USE SHARED ASSEMBLIES MANUAL TO LOCATE PARTS

Locate your part number in the table of contents. Refer to the correct volume (Volume 1 or Volume 2) and turn to the indicated page. Look for the location of part needed on the assembly figure. Use the circled reference number to find specific part number in the associated table of parts.

HOW TO USE PARTS LIST TO ORDER PARTS

The reference numbers shown on the illustrations are intended only to locate the part and its number and description in the accompanying list of parts. When ordering parts, give the part number, description of the part, and the quantity desired. **Do not order parts by reference number.** All warranty parts are to be ordered through local distributors.

Note: To insure correct and prompt delivery of parts, furnish the model, serial number and any existing code number on the dispenser serial plate, a sample of which is shown.



The Model and Serial No. above are examples only.

Note: When ordering parts with particular company specifications such as doors, advertising panels and dial faces, please call our Service Parts Department with specific dispenser model number.

Note: Due to the size of this shared assemblies manual two volumes are required. Refer to the correct volume when looking up parts.

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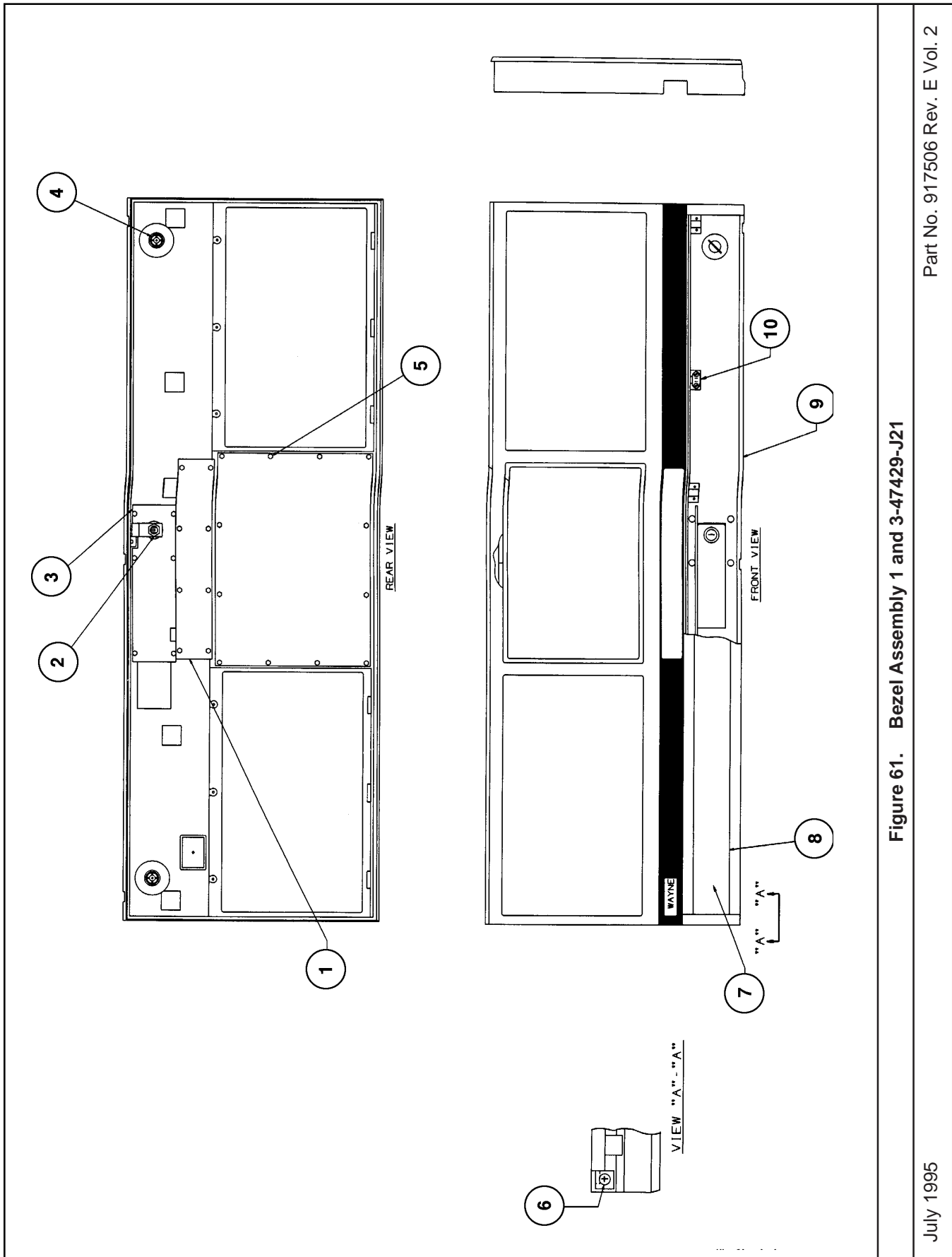


Figure 61. Bezel Assembly 1 and 3-47429-J21

Table 61. Bezel Assembly 1 and 3-47429-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	201722-J21	1	Plate-Switch opening				
	880616-001	1	Gasket				
	916545	8	Plascrew #8 x 3/8				
2	127417	1	Lock				
	2-129805	1	Latch-Door				
3	201747	1	Plate-Function switches				
	916545	6	Plascrew #8 x 3/8				
4	918391	2	Fastener-Bezel wing head				
5	39986-J21	1	Plate-Display				
	1-129818	1	Gasket				
	916545	12	Plascrew #8 x 3/8				
6	129811	2	Cap-Hinge Retainer				
	918198	2	P.H.P.H. screw #8 x 1/2				
7	916545	1	Plascrew #8 x 3/8				
8	(1-47429-J21 only)						
	1-300156-J21	1	Retainer-ad panel				
	916545	1	Plascrew #8 x 3/8				
	(3-47429-J21 only)						
	3-300156-J21	1	Retainer-ad panel				
	916545	1	Plascrew #8 x 3/8				
9	2-45425-J21	1	Bezel frame				
10	(1-47429-J21 only)						
	918470	2	Fastener clip				
	916847	4	H.W.H. screw #6 x 5/16				
	(3-47429-J21 only)						
	918470	3	Fastener clip				
	916847	6	H.W.H. screw #6 x 5/16				

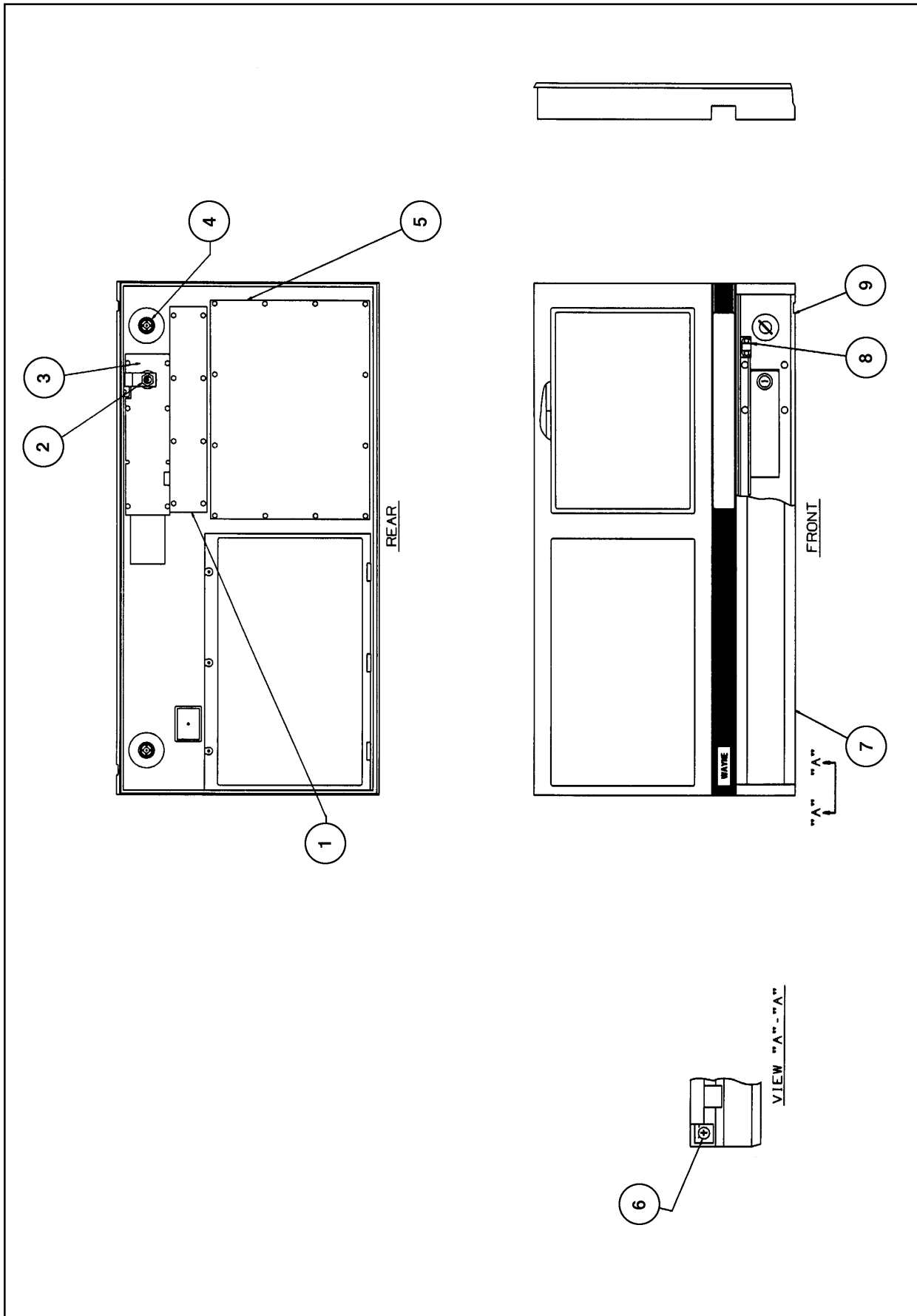


Figure 62. Bezel Assembly 1-47430-J21

Table 62. Bezel Assembly 1-47430-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	201722-J21	1	Plate-Switch opening				
	880616-001	1	Gasket				
	916545	8	Plascrew #8 x 3/8				
2	127417	1	Lock				
	2-129805	1	Latch-Door				
3	201747	1	Plate-Function sw. opening				
	916545	6	Plascrew #8 x 3/8				
4	918391	2	Fastener-Bezel wing head				
5	(1-47430-J21 only)						
	39986-J21	1	Plate-Display				
	1-129818	1	Gasket				
	916545	12	Plascrew #8 x 3/8				
6	129811	2	Cap-Hinge Retainer				
	918198	2	P.H.P.H. screw #8 x 1/2				
7	2-300156-J21	1	Retainer ad panel				
	916545	1	Plascrew #8 x 3/8				
8	918470	2	Fastener clip				
	916847	4	H.W.H. screw #6 x 5/16				
9	2-45426-J21	1	Bezel frame				

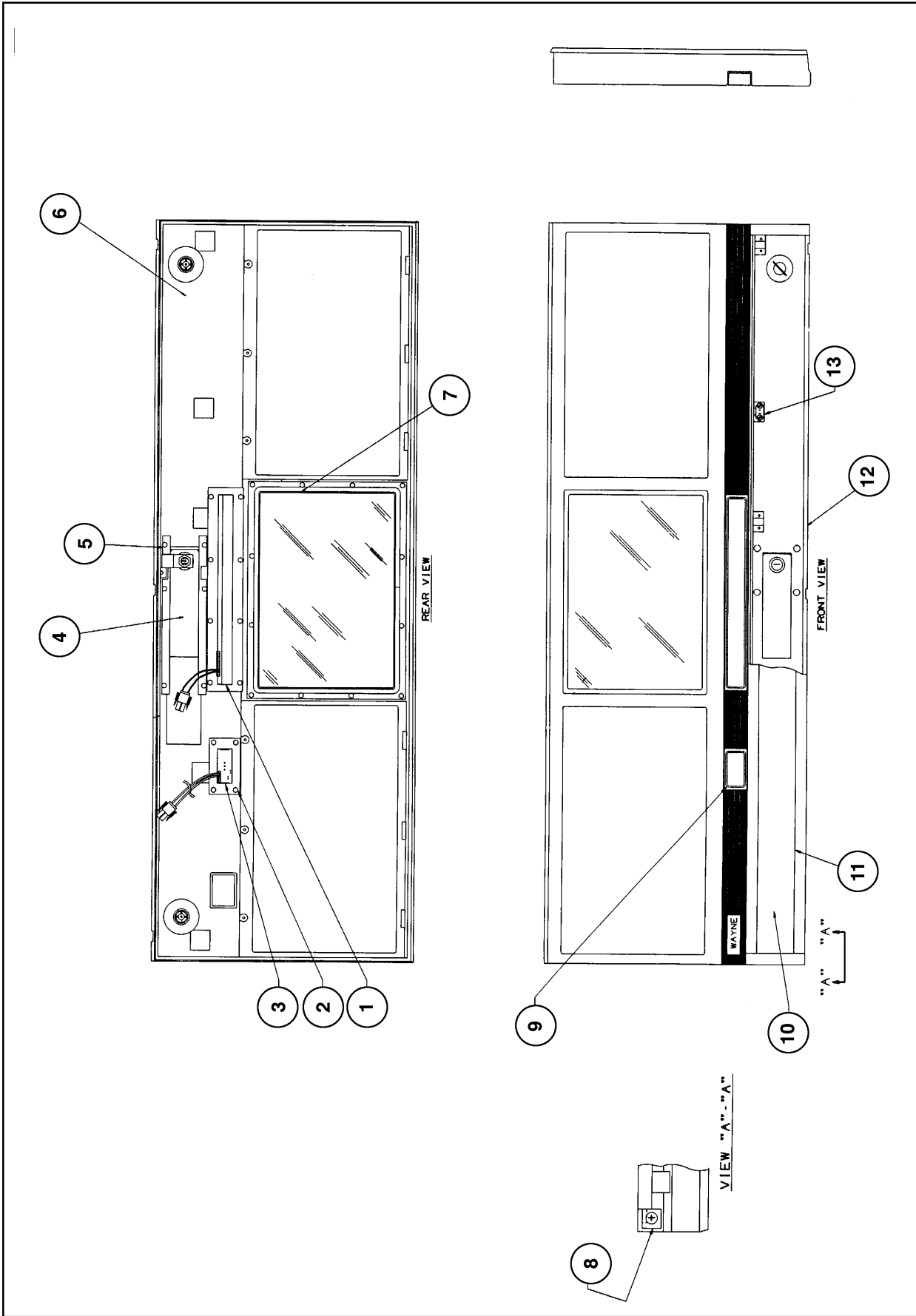


Figure 63. Bezel Assembly 1 thru 8-47562-J21

Table 63. Bezel Assembly 1 thru 8-47562-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	(1 and 4-47562-J21 only)						
	1-47561	1	Switch				
	1-300268-J21	1	Cover-Switch				
	(2 and 5-47562-J21 only)						
	2-47561	1	Switch				
	2-300268-J21	1	Cover-Switch				
	(3 and 6-47562-J21 only)						
	4-47561	1	Switch				
	4-300268-J21	1	Cover-Switch				
	(7 and 8-47562-J21 only)						
	3-47561	1	Switch				
	3-300268-J21	1	Cover-Switch				
2	916545	8	Plascrew #8 x 3/8				
3	(1, 2, 3 and 7-47562-J21 only)						
	300271	1	Stop switch				
	916545	4	Plascrew #8 x 3/8				
	201806	1	Cable-Stop switch (short)				
4	201737	1	Door-Function switches				
	127417	1	Lock				
	2-129805	1	Latch-Door				
5	129809	2	Retainer-Door				
	916545	6	Plascrew #8 x 3/8				
6	918391	2	Fastener-Bezel wing-head				
7	39962	1	Window-Display				
	1-129818	1	Gasket				
	916545	12	Plascrew #8 x 3/8				
8	129811	2	Cap-Hinge Retainer				
	918198	2	P.H.P.H. screw #8 x 1/2				
9	(1, 2, 3 and 7-47562 only)						
	300270-J21	1	Cover-Stop switch				
10	916545	8	Plascrew #8 x 3/8				
11	1-300156-J21	1	Retainer-ad panel				
12	(1, 2, 3 and 7-47562-J21 only)						
	1-45425-J21	1	Bezel frame				
	(4 and 8-47562-J21 only)						
	2-45425-J21	1	Bezel frame				
13	918470	2	Fastener clip				
	916847	4	H.W.H. screw #6 x 5/16				

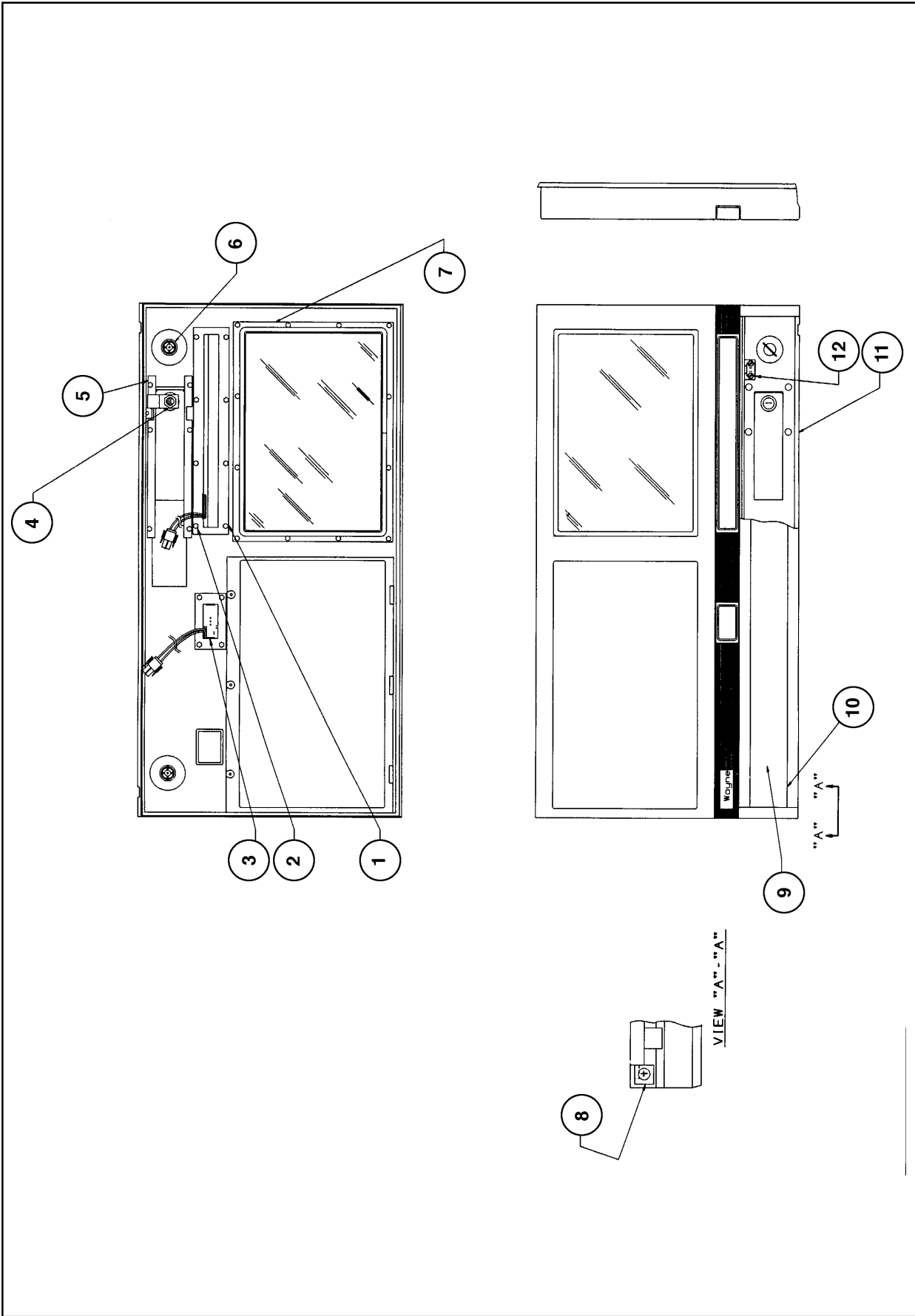


Figure 64. Bezel Assembly 1 thru 8-47563-J21 and 10-47563-OW8

Table 64. Bezel Assembly 1 thru 8-47563-J21 and 10-47563-OW8

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	(1 and 4-47563-J21 only)			11	(1, 2, 3 and 7-47563-J21 only)		
	1-47561	1	Switch		1-45426-J21	1	Bezel frame
	1-300268-J21	1	Cover-Switch		(4, 5, 6, and 8-47563-J21 only)		
	(2 and 5-47563-J21 only)				2-45426-J21	1	Bezel frame
	2-47561	1	Switch		(10-47563-OW8 only)		
	2-300268-J21	1	Cover-Switch		2-45426-OW8	1	Bezel frame
	(3 and 6-47563-J21 only)			12	918470	2	Fastener clip
	4-47561	1	Switch		916847	4	H.W.H. screw #6 x 5/16
	4-300268-J21	1	Cover-Switch				
	(7 and 8-47563-J21 only)						
	3-47561	1	Switch				
	3-300268-J21	1	Cover-Switch				
	(10-47563-OW8)						
	1-47561	1	Switch				
	1-300268-J21	1	Cover-Switch				
2	916545	8	Placscrew #8 x 3/8				
3	(1, 2, 3 and 7-47563-J21 only)						
	300271	1	Stop switch				
	300270-J21	1	Cover-Stop switch				
	916545	4	Placscrew #8 x 3/8				
	201806	1	Cable -Stop switch (short)				
4	201737	1	Door-Function switches				
	127417	1	Lock				
	2-129805	1	Latch-Door				
5	129809	2	Retainer-Door				
	916545	6	Placscrew #8 x 3/8				
6	918391	2	Fastener-Bezel wing head				
7	39962	1	Window-Display				
	1-129818	1	Gasket				
	916545	12	Placscrew #8 x 3/8				
8	129811	2	Cap-Hinge Retainer				
	918198	2	P.H.P.H. screw #8 x 1/2				
9	916545	1	Placscrew #8 x 3/8				
10	(1 thru 8-47563-J21 only)						
	2-300156-J21	1	Retainer-Ad panel				
	(10-47563-OW8 only)						
	2-918471	2	Stud-ball				
	129856	1	Chain				
	905777	2	Groov pin				
	916557	1	P.H.P.H. screw #8-32 x 5/16				

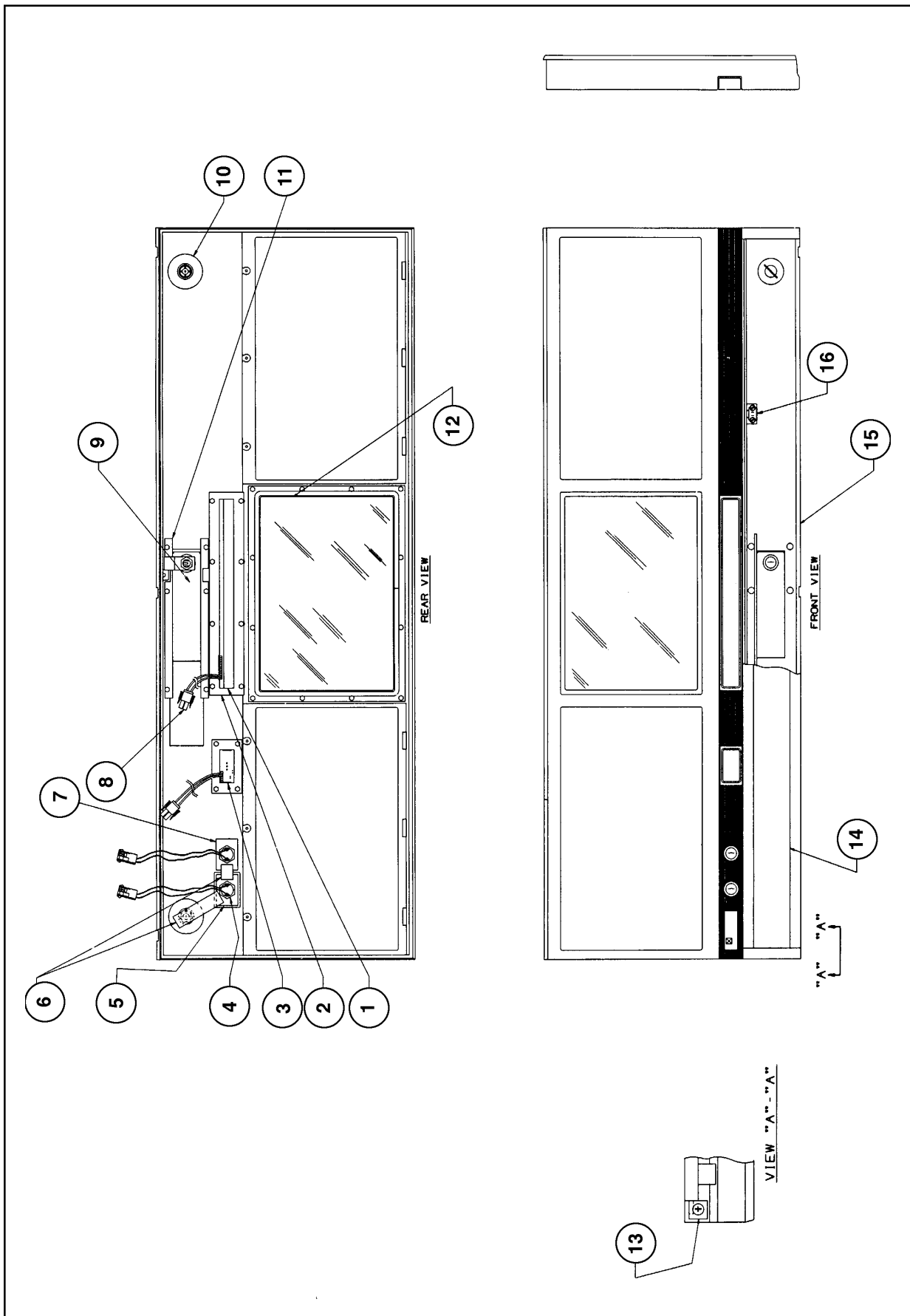


Figure 65. Bezel Assembly 1, 2, 4, 7, 9, 10, 11 and 12-47566-J21

Table 65. Bezel Assembly 1,2 4, 7, 9, 10, 11 and 12-47566-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	(1, 4, 10 and 11-47566-J21 only)			13	129811	2	Cap-Hinge Retainer
	1-47561	1	Switch		918198	2	P.H.P.H. screw #8 x 1/2
	1-300268-J21	1	Cover-Switch	14	1-300156-J21	1	Retainer ad panel
	(2, 7 and 9-47566-J21 only)				916545	1	Plascrew #8 x 3/8
	2-47561	1	Switch	15	(1 and 2-47566-J21 only)		
	2-300268-J21	1	Cover-Switch		3-45425-J21	1	Bezel frame
	(3 and 6-47566-J21 only)				(4, 7, 11 and 12-47566-J21 only)		
	4-47561	1	Switch		4-45425-J21	1	Bezel frame
	4-300268-J21	1	Cover-Switch		(9 and 10-47566-J21 only)		
2	916545	8	Plascrew #8 x 3/8		7-45425-J21	1	Bezel frame
3	(1, 2, 9 and 10-47566-J21 only)			16	918470	2	Fastener clip
	300271	1	Stop Switch		916847	4	H.W.H. screw #6 x 5/16
	300270-J21	1	Cover-Stop Switch				
	916545	4	Plascrew #8 x 3/8				
	201806	1	Cable-Stop switch (short)				
4	916191	1	Keyswitch				
5	201752	1	Wire Harness				
	129822	1	Plate-Keyswitch				
	129827	1	Gasket-Plate				
6	3-918175	1	Conductive tape				
7	(9 and 10-47566-J21)						
	6-916191	1	Keyswitch				
	201752	1	Wire Harness				
	129822	1	Plate-Keyswitch				
	880675-001	1	Wire harness				
8	(11-47566-J21 Only)						
	201807	1	Cable-Stop switch (long)				
9	201737	1	Door-Function switches				
	127417	1	Lock				
	2-129805	1	Latch-Door				
10	918391	2	Fastener-Bezel wing head				
11	129809	2	Retainer-Door				
	916545	6	Plascrew #8 x 3/8				
12	39962	1	Window-Display				
	1-129818	1	Gasket				
	916545	12	Plascrew #8 x 3/8				

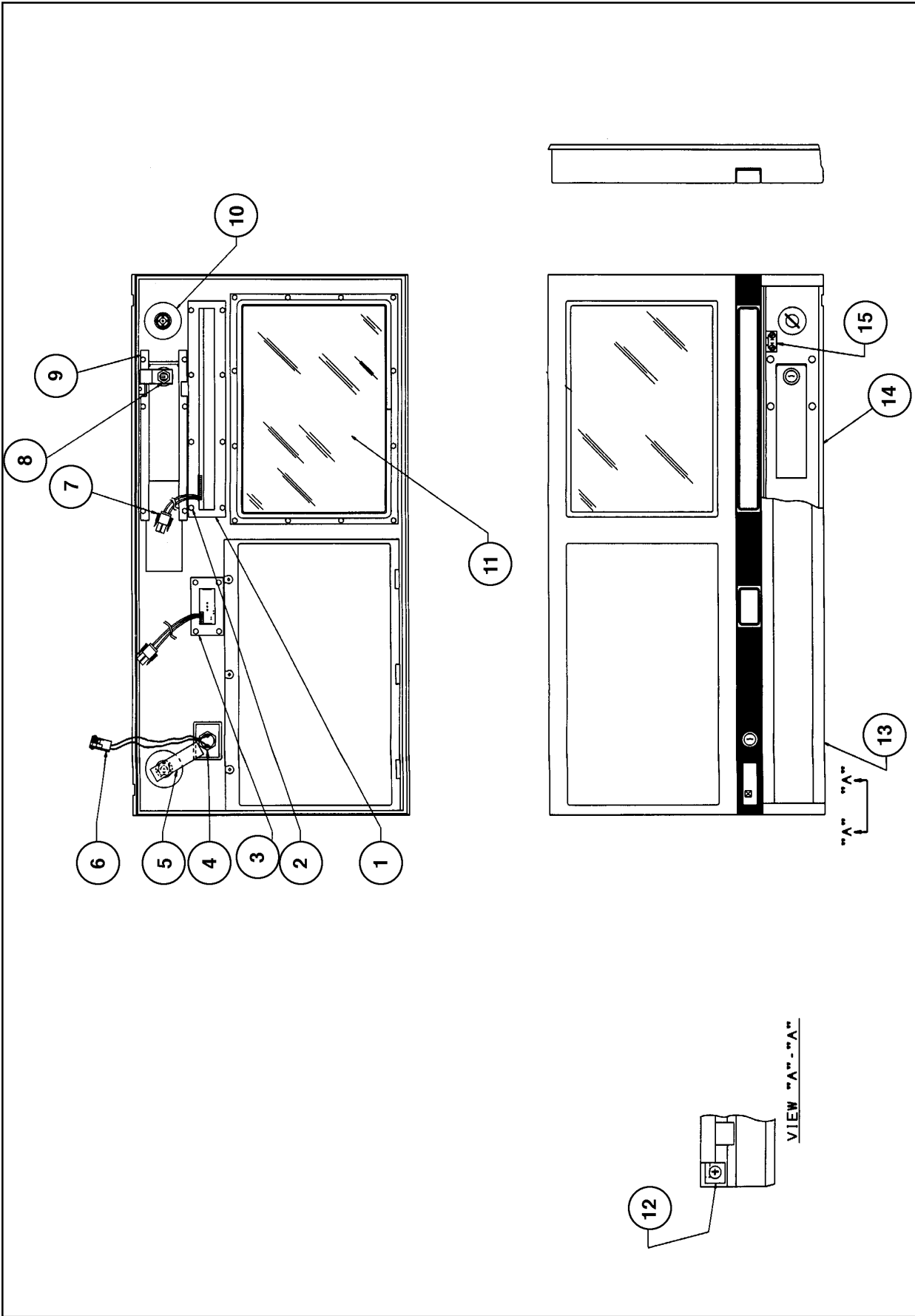
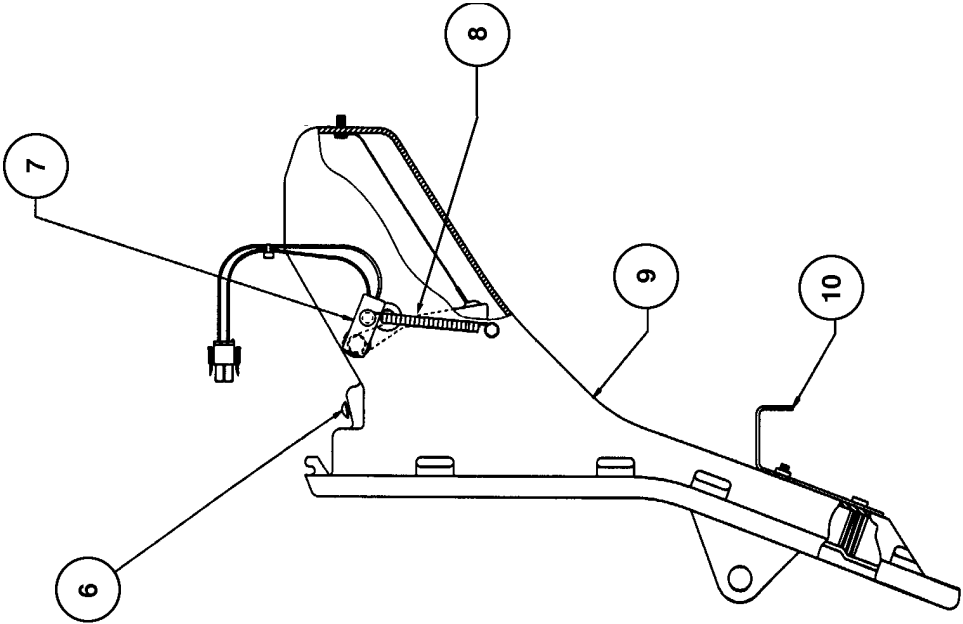
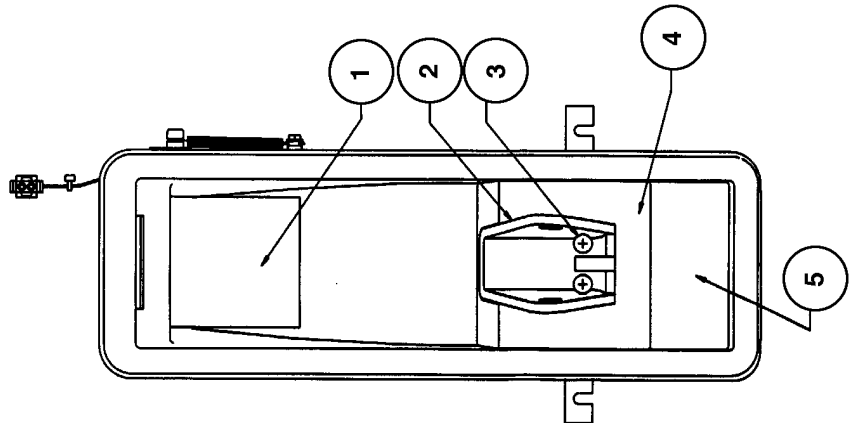


Figure 66. Bezel Assembly 4, 10, 11, 12 and 13-47567-J21

Table 66. Bezel Assembly 4, 10, 11, 12 and 13-47567-J21

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	(1, 11 and 13-47567-J21 only) 1-47561 1-300268-J21 (10-47567-J21 only) 2-47561 2-300268-J21 (12-47567-J21 only) 201722-J21 880616-001	1 1 1 1 1 1 1 1	Switch Cover-Switch Switch Cover-Switch Plate-Switch opening Gasket	14	(11-47567-J21 only) 3-45426-J21 (4, 10, 12 and 13-47567-J21 only) 4-45426-J21	1 1 1	Bezel frame Bezel frame
2	916545	8	Placscrew #8 x 3/8	15	918470 916847	2 4	Fastener clip H.W.H. screw #6 x 5/16
3	(11-47567-J21 only) 300271 300270-J21 916545 201806	1 1 4 1	Stop switch Cover-Stop switch Placscrew #8 x 3/8 Cable -Stop switch (short)				
4	6-916191	1	Keyswitch				
5	3-918175	1	Conductive tape				
6	201752 129822 129827	1 1 1	Wire Harness Plate-Keyswitch Gasket-Plate				
7	(13-47567-J21 only) 201807	1	Cable-Stop switch (long)				
8	201737 127417 2-129805	1 1 1	Door-Function switches Lock Latch-Door				
9	129809 916545	2 6	Retainer-Door Placscrew #8 x 3/8				
10	918391	2	Fastener-Bezel wing head				
11	39962 1-129818 916545	1 1 12	Window-Display Gasket Placscrew #8 x 3/8				
12	129811 918198	2 2	Cap-Hinge Retainer P.H.P.H. screw #8 x 1/2				
13	2-300156-J21 916545	1 1	Retainer-Ad panel Placscrew #8 x 3/8				



(1-47407 SHOWN)

Figure 67. Nozzle Boot Assembly 1, 2, 4 and 5-47407

Table 67. Nozzle Boot Assembly 1, 2, 4 and 5-47407

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	47547	1	Flipper				
2	2-39940	1	Hook-Nozzle				
3	918570	2	Flat Hd. screw 1/4-20 x 1"				
4	1-47360	1	Guide-Hook				
5	(1 and 4-47407 only) 1-47553	1	Guide-Filler				
6	918639	2	Hex socket button head screw 1/4-20 x 1/2				
7	47549	1	Switch actuator				
8	127530	1	Spring-Reset				
	513708	1	H.W.H.S. Taptite #10-24 x 1/2				
9	(1 and 2-47407 only) 47546	1	Nozzle boot				
	(4 and 5-47407 only) 2-47546	1	Nozzle boot				
10	300266	1	Bracket-Nozzle				

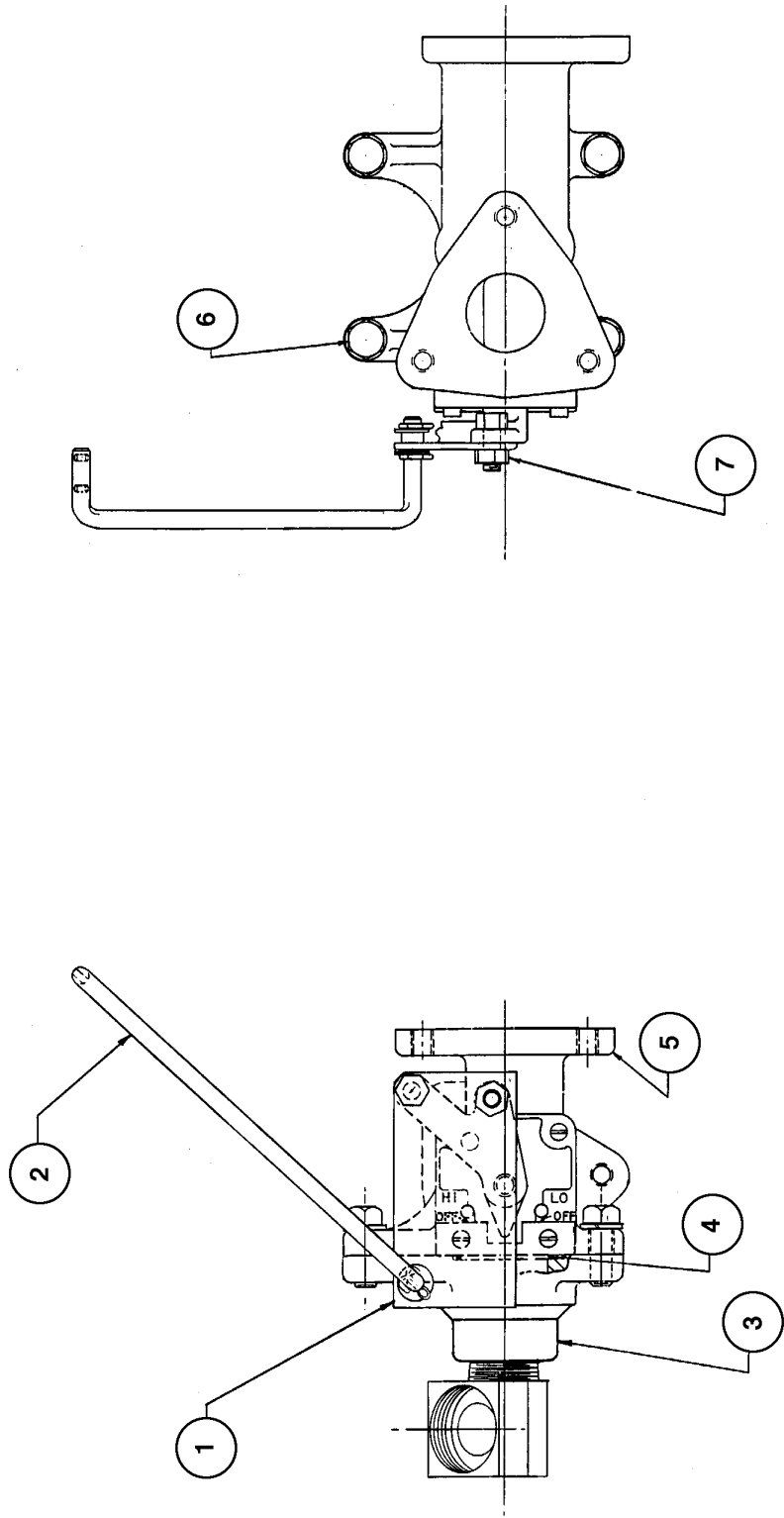


Figure 68. Blend Valve and Manifold Assembly 2-46899

Table 68. Blend Valve and Manifold Assembly 2-46899

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	2-129600	1	Extension-Blend valve lever				
	916571	1	Bearing-Flange (nylon)				
2	2-127003	1	Rod reset				
	905245	2	Flatwasher 1/4				
	902142	2	Cotter pin 3/32 x 1/2				
3	1-129754	1	Manifold & flare fitting (2-46899 only)				
4	122074	2	“O” Ring				
5	8-36738	1	Blending valve				
6	511096	4	H.H.C. screw 5/16-18 x 7/8				
	902017	4	Lockwasher 5/16				
7	507988	2	H.H.C. screw 1/4-28 x 5/8				
	512335	2	Jam nut 1/4-28				

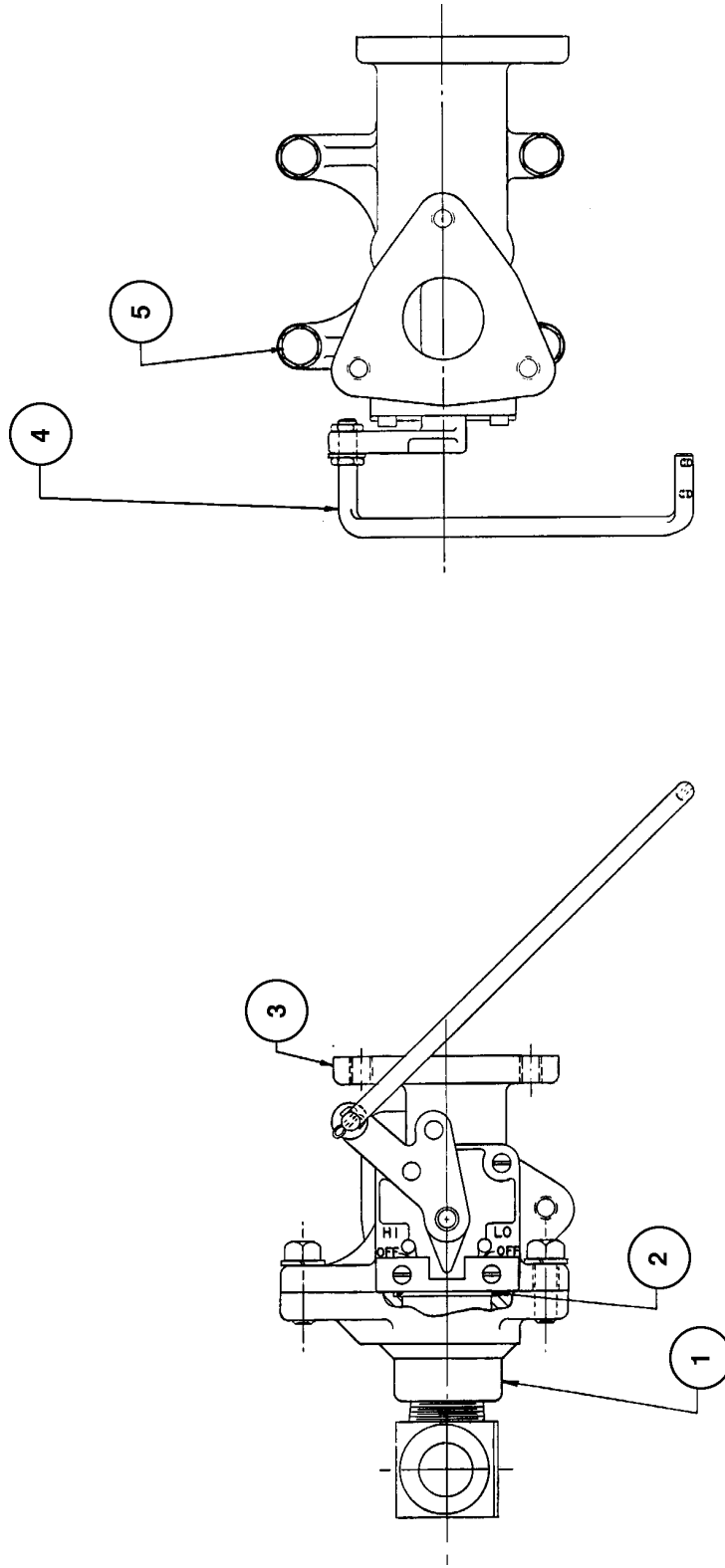


Figure 69. Blend Valve and Manifold Assembly 3-46899

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Table 69. Blend Valve and Manifold Assembly 3-46899

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	2-129754	1	Manifold & flare fitting				
2	122074	2	“O” Ring				
3	8-36738	1	Blending valve				
4	2-127003	1	Rod-Reset				
	905245	1	Flatwasher 1/4				
	902142	2	Cotter pin 3/32 x 1/2				
5	511096	4	H.H.C. screw 5/16-18 x 7/8				
	902017	4	Lockwasher 5/16				

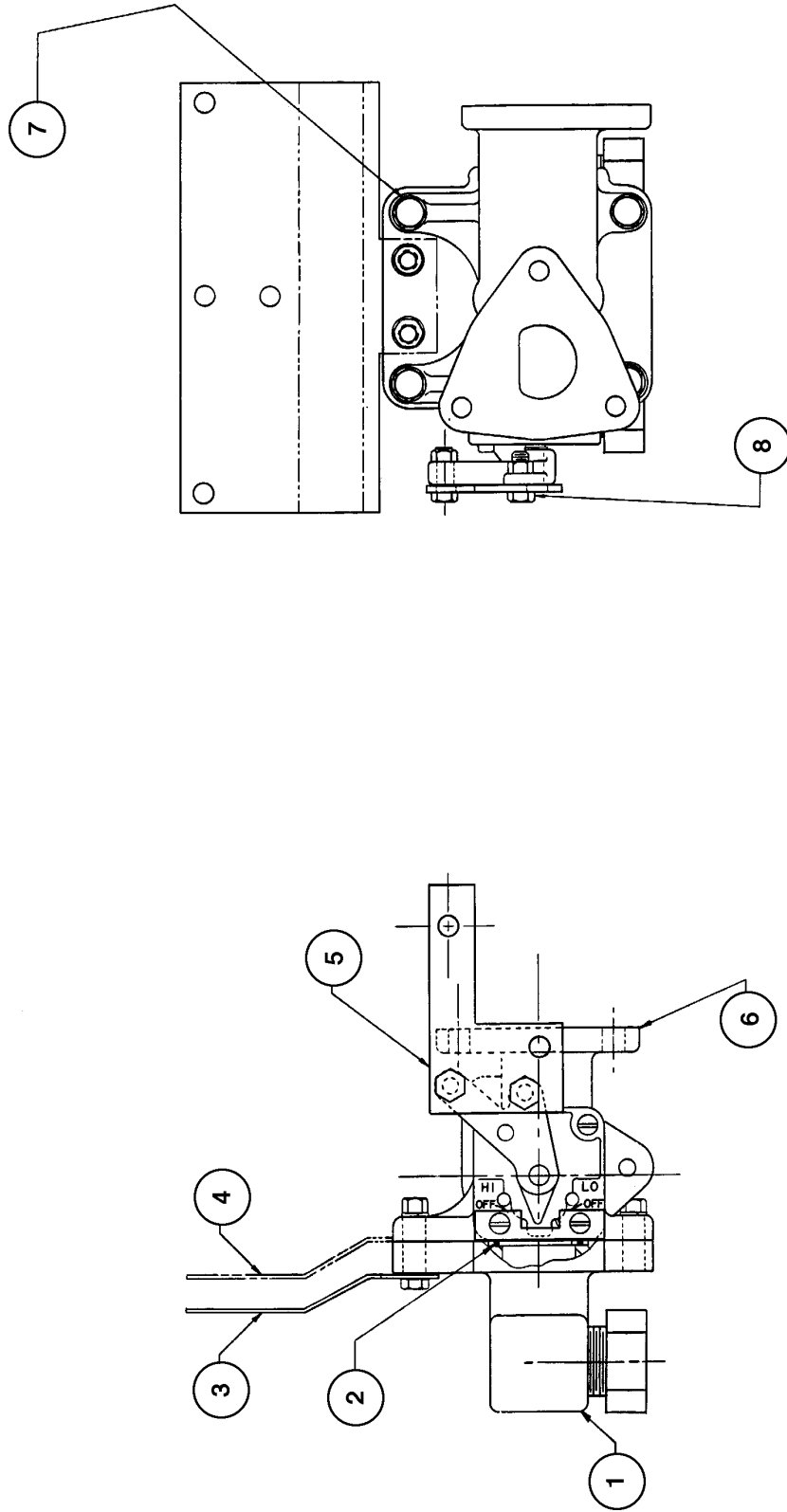


Figure 70. Blend Valve and Manifold Assembly 7 and 8-46899

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Table 70. Blend Valve and Manifold Assembly 7 and 8-46899

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	2-201766	1	Manifold and Fittings				
2	122074	2	“O” Ring				
3	(7-46899 only)						
	201770	1	Bracket-Blend valve				
	507053	2	H.H.C. screw 5/16-18 x 5/8				
	902017	2	Lockwasher 5/16				
4	(8-46899 only)						
	201770	1	Bracket-Blend valve				
	507053	2	H.H.C. screw 5/16-18 x 5/8				
	902017	2	Lockwasher 5/16				
5	3-129600	1	Extension-Blend valve lever				
6	8-36738	1	Blending valve				
7	511096	4	H.H.C. screw 5/16-18 x 7/8				
	902017	4	Lockwasher 5/16				
8	507988	2	H.H.C. screw 1/4-28 x 5/8				
	512335	2	Jam nut 1/4-28				

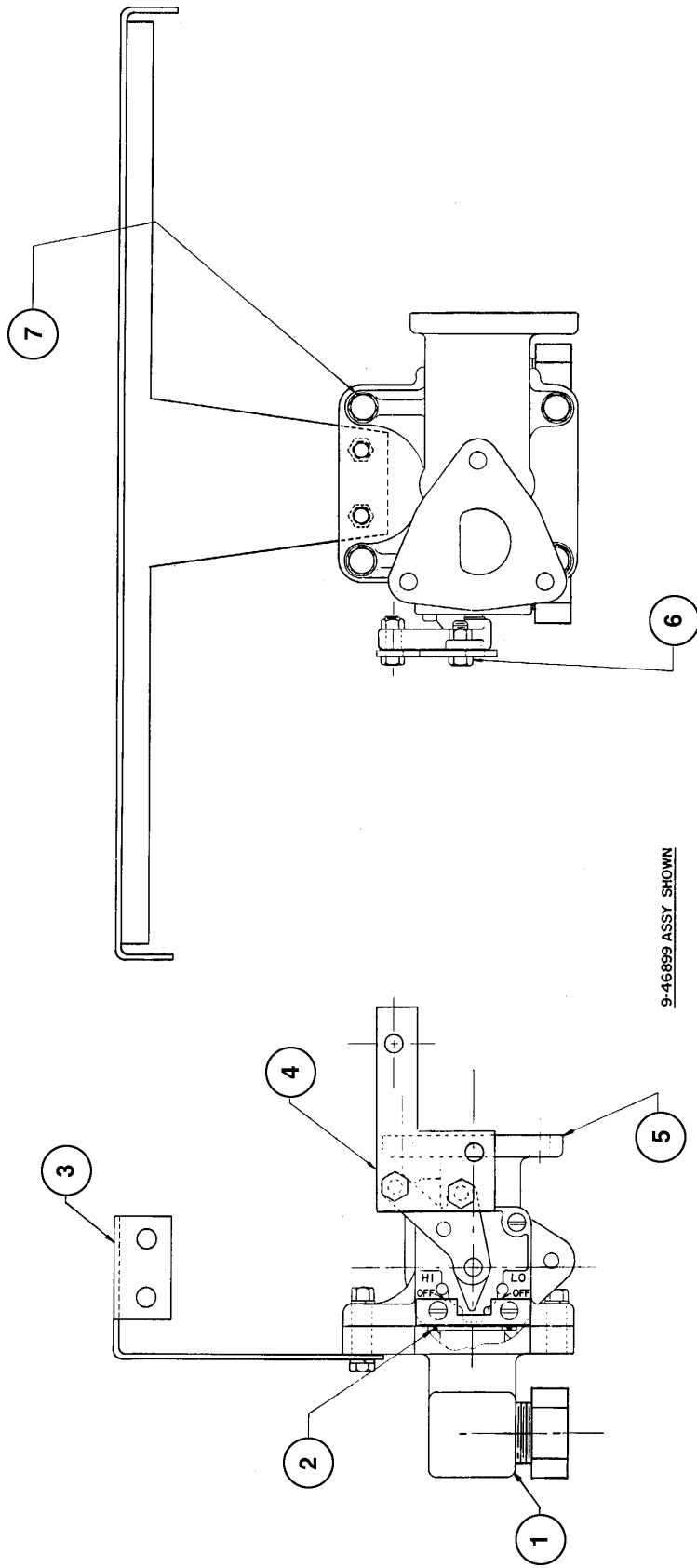


Figure 71. Blend Valve and Manifold Assembly 9 and 10-46899

Table 71. Blend Valve and Manifold Assembly 9 and 10-46899

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	(9-466899 only) 2-201766	1	Manifold and Fittings				
	(10-466899 only) 4-201766	1	Manifold and Fittings				
2	122074	2	“O” Ring				
3	300125	1	Bracket-Manifold				
	507053	2	H.H.C. screw 5/16-18 x 5/8				
	902017	2	Lockwasher 5/16				
4	3-129600	1	Extension-Blend valve lever				
5	8-36738	1	Blending valve				
6	507988	2	H.H.C. screw 1/4-28 x 5/8				
	512335	2	Jam nut 1/4-28				
7	511096	4	H.H.C. screw 5/16-18 x 7/8				
	902017	4	Lockwasher 5/16				

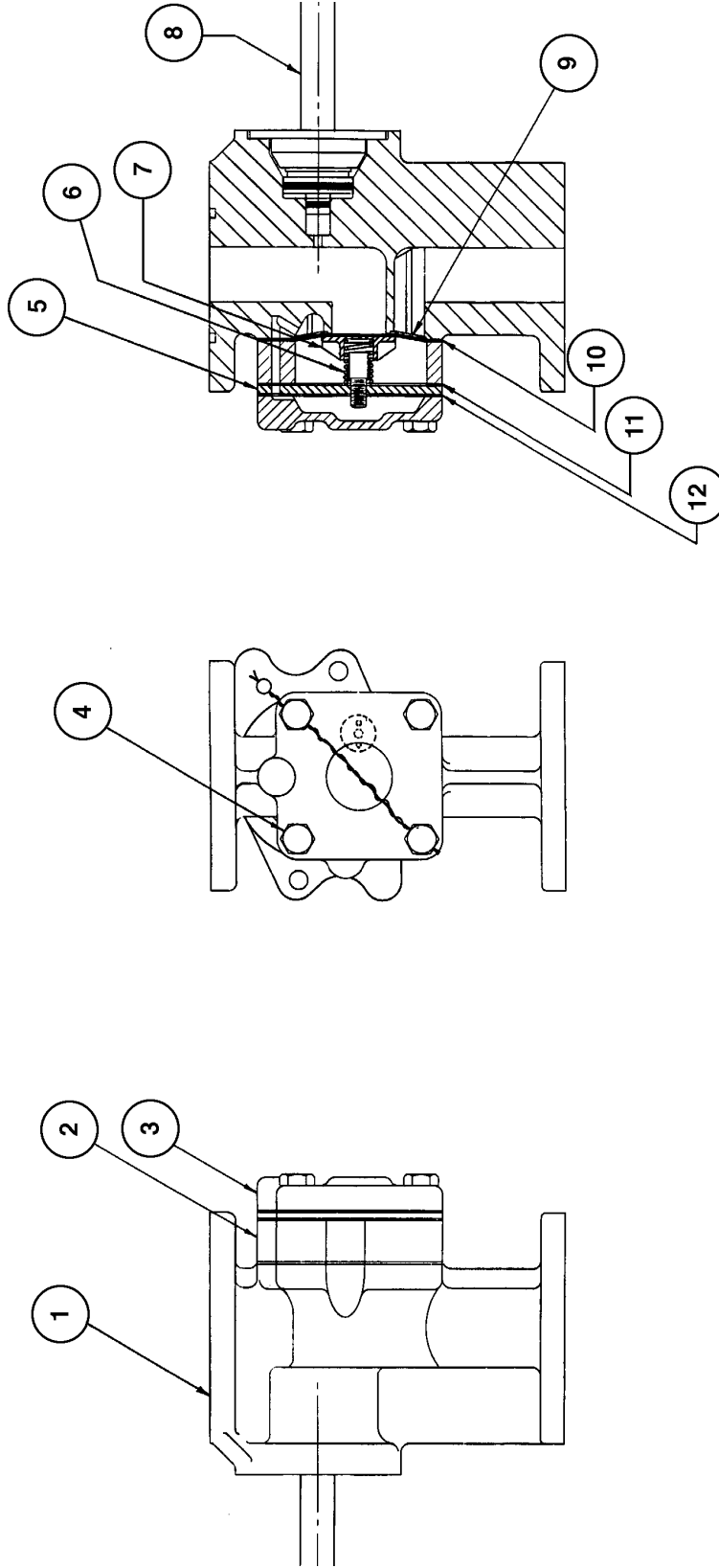


Figure 72. Diaphragm Valve Assembly 47105 and 2-47105

Table 72. Diaphragm Valve Assembly 47105 and 2-47105

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	(47105 only) 47093	1	Body-Diaphragm valve				
	(2-47105 only) 47094	1	Body-Diaphragm valve				
2	201620	1	Chamber-middle				
3	200762	1	Cover				
4	906809	4	H.H.C. screw 1/4-20 x 1-1/2				
5	3-128603	1	Valve plate				
6	128599	1	Spring				
7	128693	1	Cup-Spring				
8	201627	1	Actuator-solenoid valve				
9	2-128908	1	Back-up plate				
10	6-128346	1	Diaphragm				
11	3-128346	1	Gasket				
12	4-128346	1	Gasket				

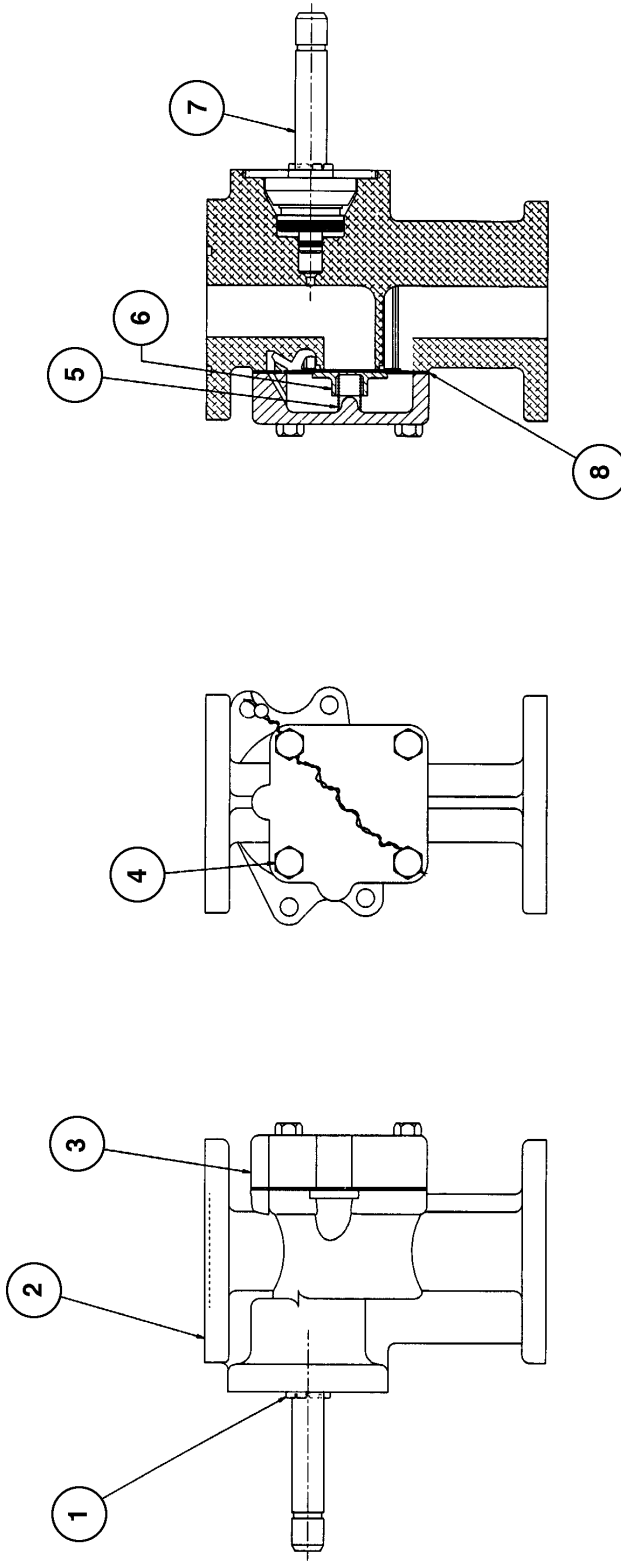


Figure 73. Diaphragm Valve Assembly 1 and 2-47576

Table 73. Diaphragm Valve Assembly 1 and 2-47576

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	916557	2	P.H.P. screw #8-32 x 5/16				
2	(1-47576 only) 47094	1	Body-Diaphragm valve				
	(2-47576 only) 2-47094	1	Body-Diaphragm valve				
3	(1-47576 only) 1-201816	1	Cover				
	(2-47576 only) 2-201816	1	Cover				
4	918764	4	H.H.C. screw 1/4-20 x 1-1/4				
5	2-128599	1	Spring				
6	2-128693	1	Cup-Spring				
7	(1-47576 only) 201627	1	Actuator-solenoid valve				
	(2-47576 only) 2-201627	1	Actuator-solenoid valve				
8	(1-47576 only) 6-128346	1	Diaphragm				
	(2-47576 only) 11-128346-GFL	1	Diaphragm				

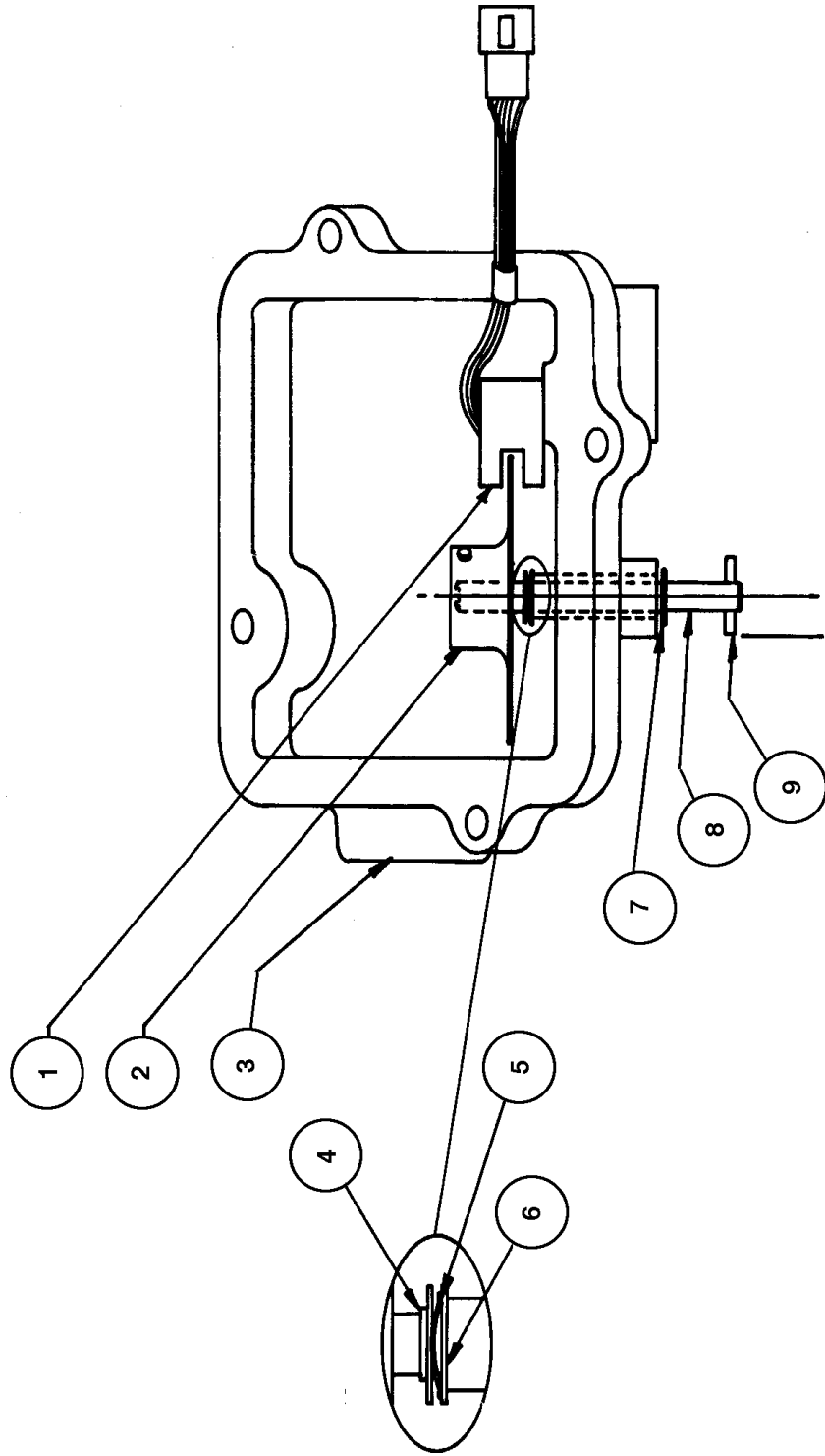


Figure 74. Pulsar Assembly 25-39348

Table 74. Pulser Assembly 25-39348

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	880876-001	1	Photocoupler Ass'y				
	916157	1	R.H.M. screw #6-32 x 3/4				
	905858	1	Lockwasher #6				
2	760049-002	1	Pulser disc				
3	39348-002	1	Housing and bearing				
4	903367	1	Retaining ring				
5	2-916355	1	Spring washer				
6	3-122583	2	Flatwasher				
7	903367	1	Retaining ring				
8	129854	1	Shaft-Pulser disc				
9	2-907694	1	Groov pin 3/32 x 5/8				
			Not Shown				
10	300217	1	Cover-Pulser				
	918513	4	Screw 1/4-20 x 5/8				

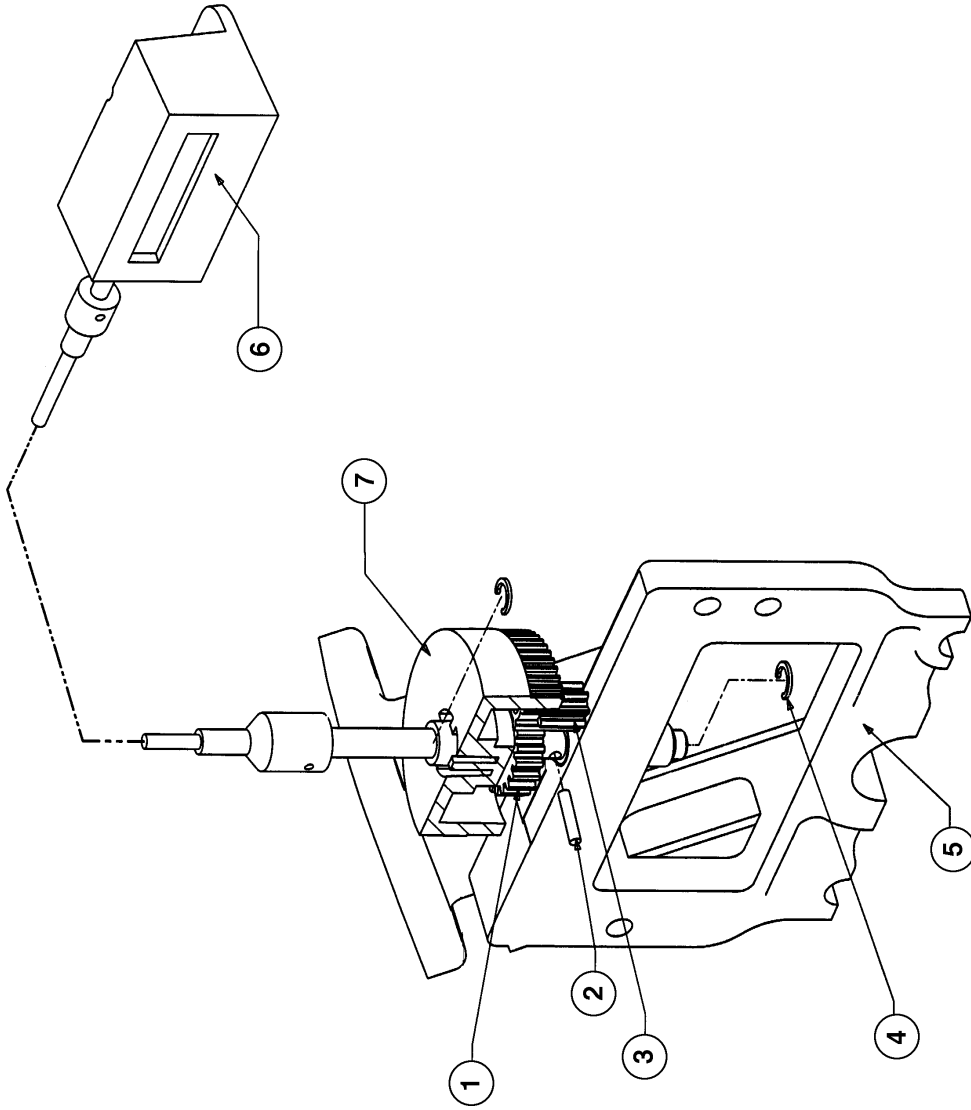


Table 75. Meter Support and Totalizer Drive Assembly 18, 19, 22, 23, 24, 32 thru 39, 42, 43, 44, 46 and 50-39786

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**Table 75. Meter Support and Totalizer Drive Assembly
18, 19, 22, 23, 24, 32 thru 39, 42, 43, 44, 46 and 50-39786**

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	129891	1	Gear-Driven				
2	2-906981	1	Roll pin 3/32 x 7/16				
3	129892	1	Idler gear				
4	903367	1	"C" Ring				
5	(18, 19, 22, 34, 37, 46 and 50-39786 only)						
	1-300356	1	Meter support				
	(23, 38, 39, 43 and 44-39786 only)						
	4-300356	1	Meter support				
	(24 and 36-39786 only)						
	2-300356	1	Meter support				
	(32-39786 only)						
	6-300356	1	Meter support				
	(33-39786 only)						
	3-300356	1	Meter support				
	(42-39786 only)						
	7-300356	1	Meter support				
6	(18 and 32-39786 only)						
	81-201088	1	Totalizer Ass'y.				
	(19, 24 and 42-39786 only)						
	82-201088	1	Totalizer Ass'y.				
	(22-39786 only)						
	70-201088	1	Totalizer Ass'y.				
	(23-39786 only)						
	78-201088	1	Totalizer Ass'y.				
	(33, and 46-39786 only)						
	83-201088	1	Totalizer Ass'y.				
	(34 and 43-39786 only)						
	84-201088	1	Totalizer Ass'y.				
	(36 and 39-39786 only)						
	79-201088	1	Totalizer Ass'y.				
	(37 and 38-39786 only)						
	80-201088	1	Totalizer Ass'y.				
	(44-39786 only)						
	93-201088	1	Totalizer Ass'y.				
	(50-39786 only)						
	95-201088	1	Totalizer Ass'y.				
7	300355	1	Gear drive				

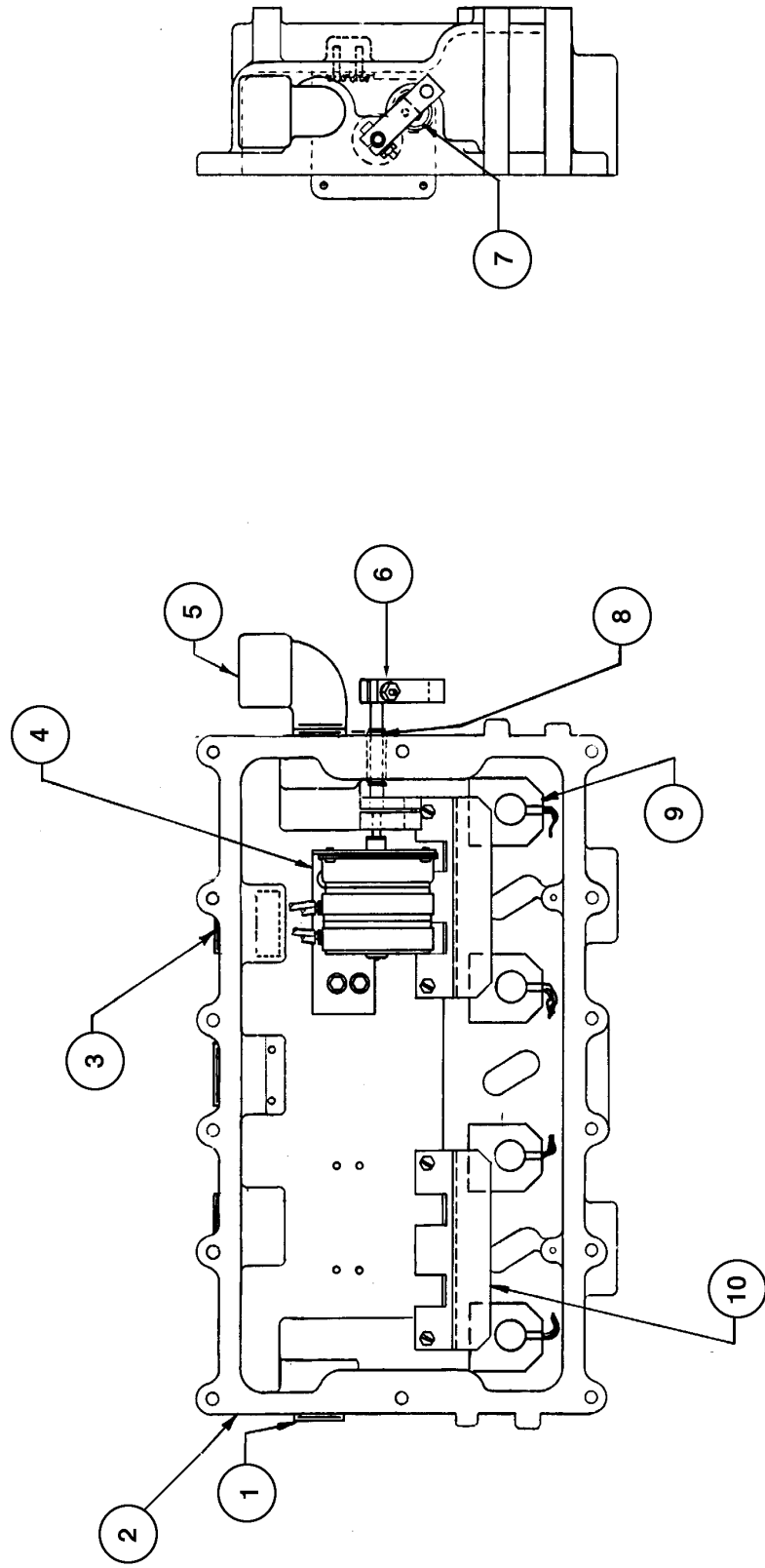


Figure 76. Junction Box Assembly w/Blend Motor 1-39803

Table 76. Junction Box Assembly w/Blend Motor 1-39803

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	508772	2	Pipe plug 3/4				
2	2-47096	1	Junction box				
3	509655	3	Pipe plug 1" SQ. Socket				
4	2-201324	1	Blend motor				
	2-916607	3	Hex Hd. screw #8-32 x 3/8				
5	4-124856	1	Elbow				
6	3-129417	1	Drive lever				
	916935	1	Soc Hd. screw #6-32 x 3/4				
	507853	1	Hex nut #6-32				
	914227	1	Lockwasher #6				
7	508919	2	Pipe plug 1/2				
8	5-129419	1	Blend & shaft				
	903367	2	Retaining ring				
	913792	1	Bearing sleeve				
9	3-201628	4	Coil-Solenoid				
10	1-129711	2	Bracket-Coil				
	2-916607	4	Taptite screw #8-32 x 3/8				

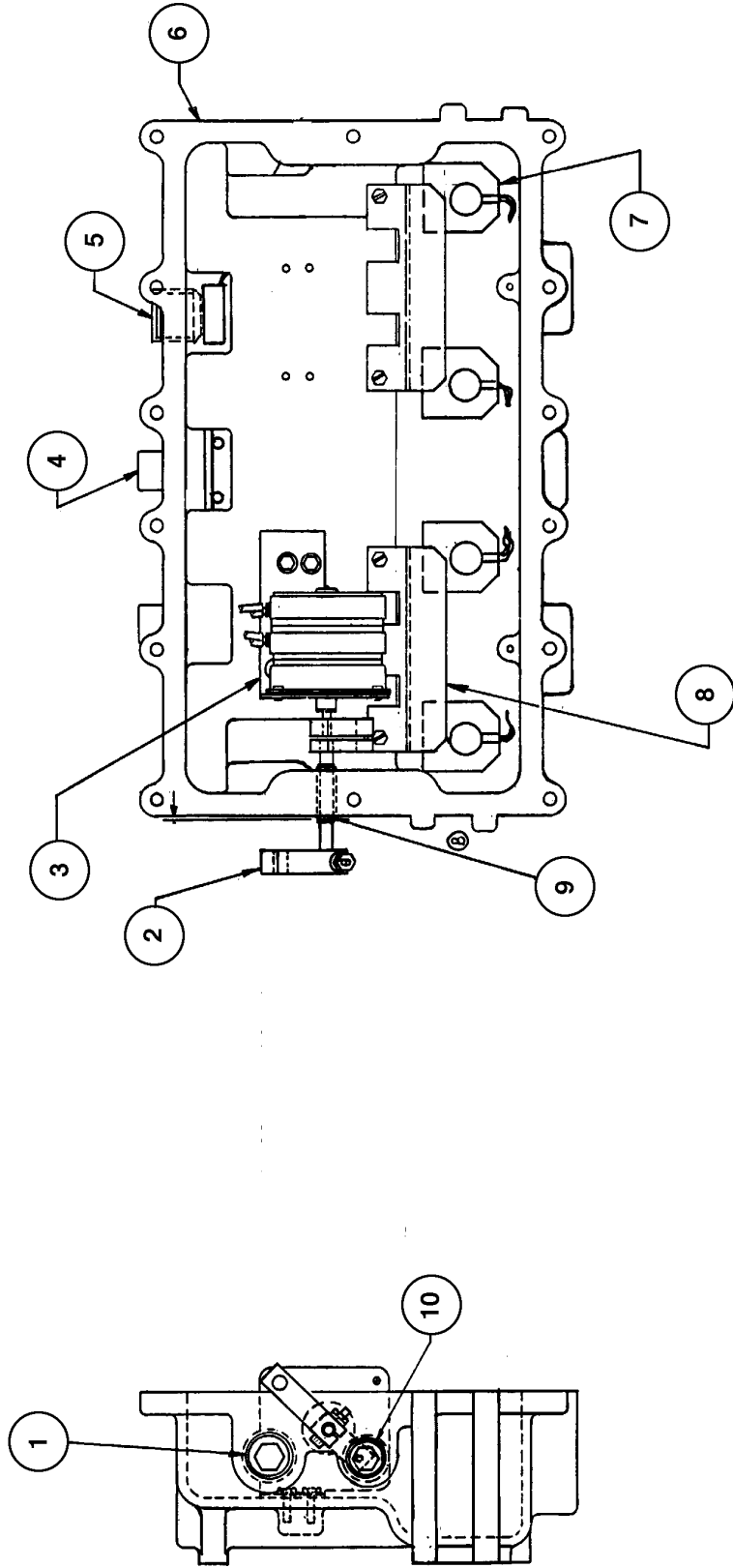


Figure 77. Junction Box Assembly w/Blend Motor 2-39803-220, -230 and -240

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Table 77. Junction Box Assembly w/Blend Motor 2-39803 and 2-39803-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	508772	3	Pipe plug 3/4				
2	3-129417	1	Drive lever				
	916935	1	Soc Hd. screw #6-32 x 3/4				
	507853	1	Hex nut #6-32				
	914227	1	Lockwasher #6				
3	3-201324	1	Blend motor				
	2-916607	3	Hex Hd. screw #8-32 x 3/8				
4	509655	2	Pipe plug 1"				
5	904260	1	Conduit bushing 1" x 3/4				
6	3-47096	1	Junction box				
7	(2-39803 only)						
	3-201628	2	Coil-Solenoid				
	(2-39803-220 only)						
	2-201628	2	Coil-Solenoid				
	(2-39803-230 only)						
	4-201628	2	Coil-Solenoid				
	(2-39803-240 only)						
	5-201628	2	Coil-Solenoid				
8	1-129711	2	Bracket-Coil				
	2-916607	4	Taptite screw #8-32 x 3/8				
9	5-129419	1	Ass'y Blend & shaft				
	903367	2	Retaining ring				
	913792	1	Bearing sleeve				
10	508919	2	Pipe plug 1/2				

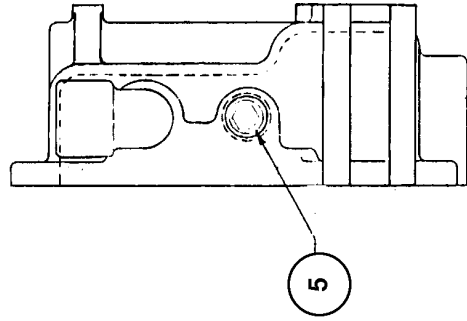
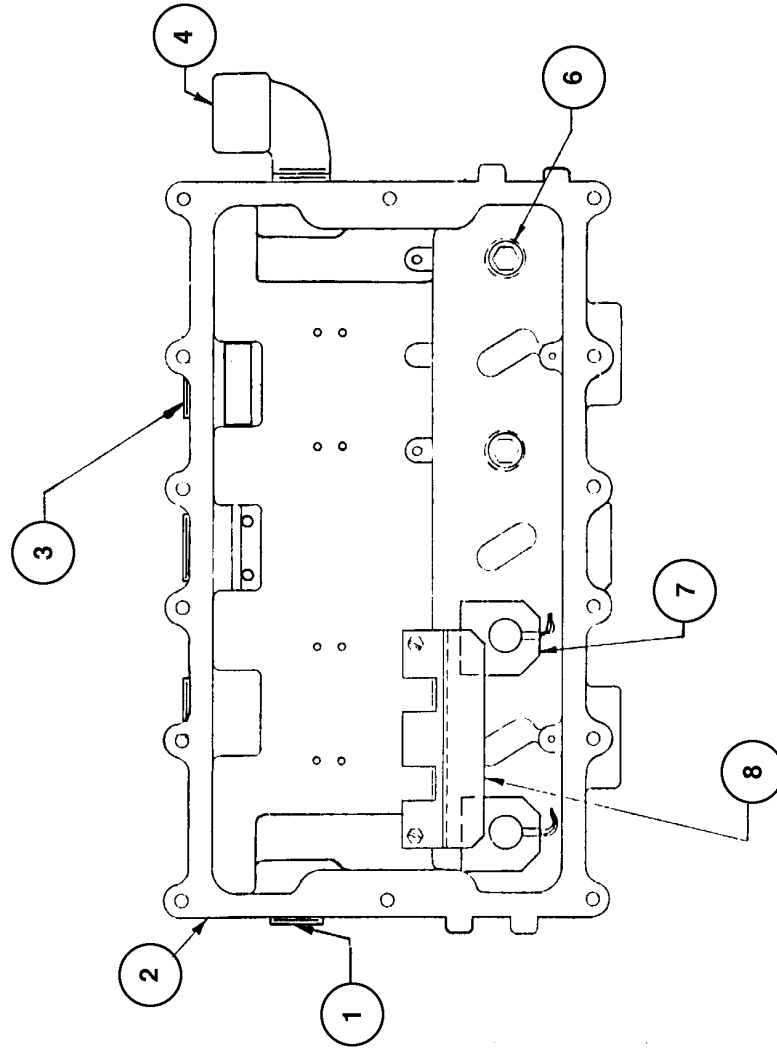


Figure 78. Junction Box Assembly w/Blend Motor 3-39803

Table 78. Junction Box Assembly w/Blend Motor 3-39803

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	508772	2	Pipe plug 3/4				
2	47096	1	Junction box				
3	509655	3	Pipe plug 1" SQ. Socket				
4	4-124856	1	Elbow				
5	508919	2	Pipe plug 1/2				
6	512453	2	Pipe plug 3/8				
7	3-201628	4	Coil-Solenoid				
8	1-129711	1	Bracket-Coil				
	2-916607	2	Taptite screw #8-32 x 3/8				

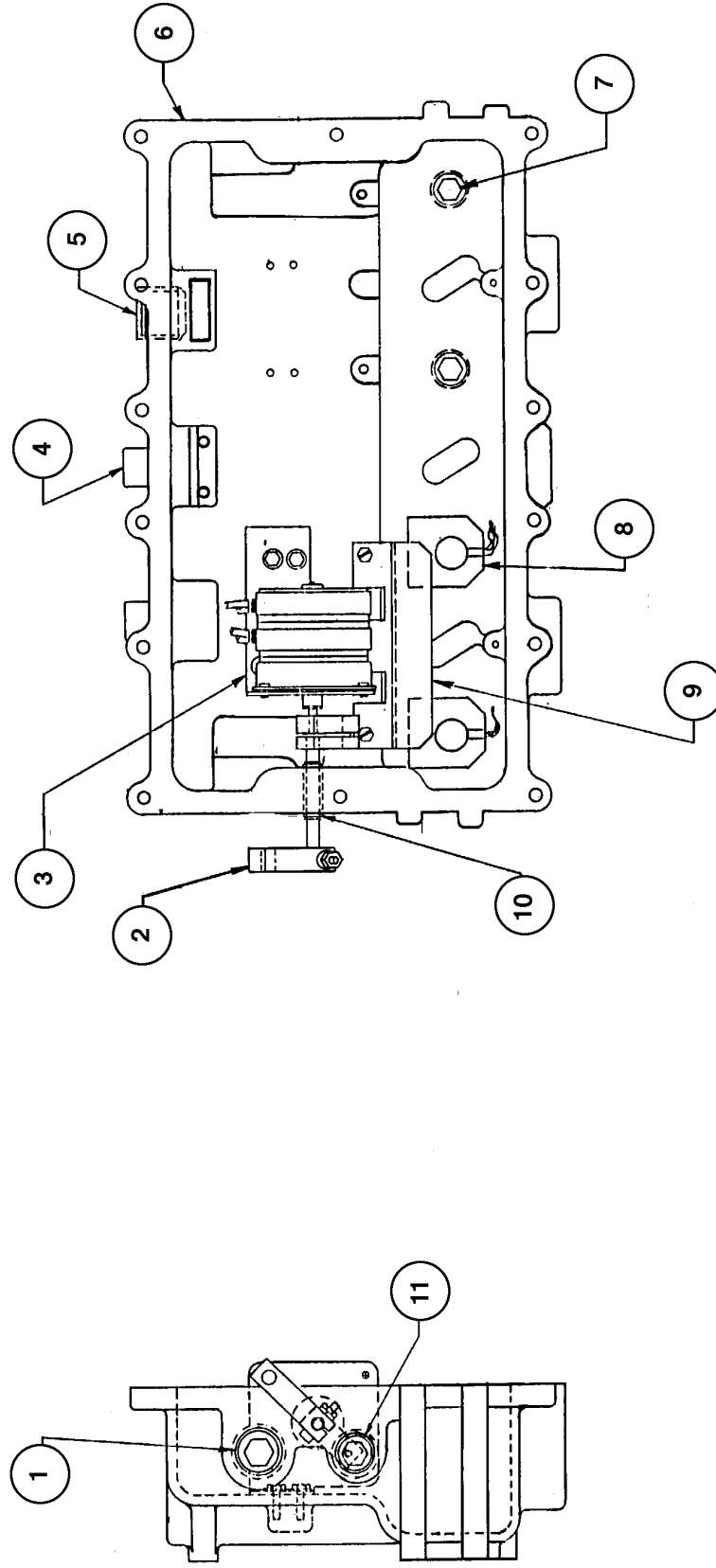


Figure 79. Junction Box Assembly w/Blend Motor (Left Side) 4-39803

Table 79. Junction Box Assembly w/Blend Motor (Left Side) 4-39803

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	508772	3	Pipe plug 3/4				
2	3-129417	1	Drive lever				
	916935	1	Soc Hd. screw #6-32 x 3/4				
	507853	1	Hex nut #6-32				
	914227	1	Lockwasher #6				
3	3-201324	1	Blend motor				
	2-916607	3	Screw #8-32 x 3/8				
4	509655	2	Pipe plug 1"				
5	904260	1	Conduit bushing 1" x 3/4				
6	3-47096	1	Junction box				
7	512453	2	Pipe plug 3/8				
8	3-201628	2	Coil-Solenoid				
9	1-129711	1	Bracket-Coil				
	2-916607	2	Taptite screw #8-32 x 3/8				
10	5-129419	1	Blend & shaft				
	903367	2	Retaining ring				
	913792	1	Bearing sleeve				
11	508919	2	Pipe plug 1/2				

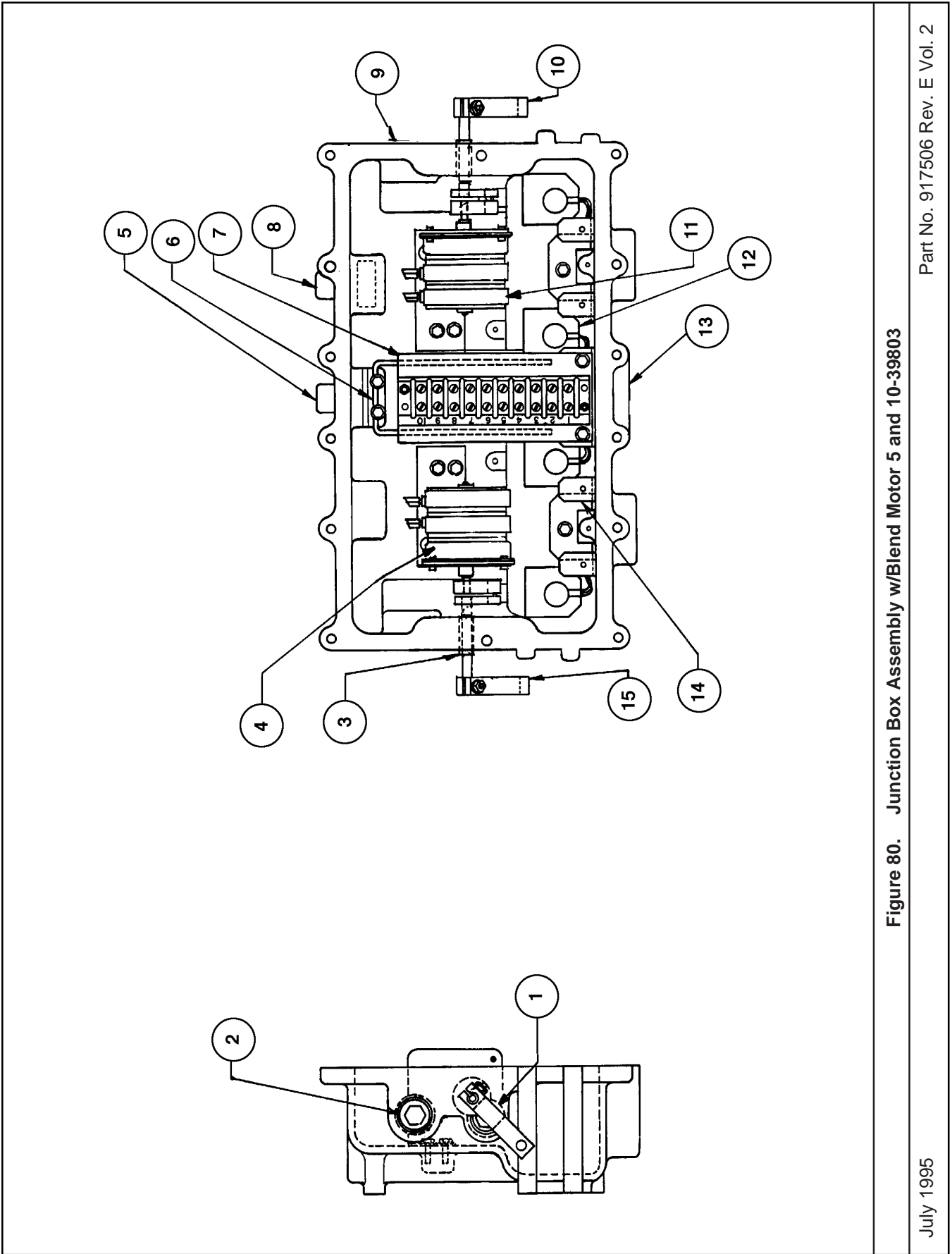


Figure 80. Junction Box Assembly w/Blend Motor 5 and 10-39803

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Table 80. Junction Box Assembly w/Blend Motor 5 and 10-39803

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	508919	2	Pipe plug 1/2				
2	508772	2	Pipe plug 3/4				
3	5-129419	2	Cam & shaft				
	903367	4	Retaining ring				
	913792	2	Bearing sleeve				
4	4-201324	1	Blend motor (L)				
	2-916607	3	Hex Hd. screw #8-32 x 3/8				
5	509655	2	Pipe plug 1"				
6	2-201094	1	Bracket-Terminal strip				
	2-916607	4	Taptite screw #8-32 x 3/8				
	507868	2	Nut #8-32				
7	916860	1	Terminal block				
	916861	1	Strip marker				
	916956	2	H.H. screw #8-32 x 3/4				
8	(5-39803 only)						
	509655	1	Pipe plug 1"				
9	(5 and 10-39803 only)						
	508772	1	Pipe plug 3/4				
10	4-129417	1	Drive lever				
	916935	1	Soc Hd. screw #6-32 x 3/4				
	507853	1	Hex nut #6-32				
	914227	1	Lockwasher #6				
11	5-201324	1	Blend motor (R)				
	2-916607	3	Hex Hd. screw #8-32 x 3/8				
12	3-201628	4	Coil-Solenoid				
13	5-47096	1	Junction box				
14	201674	3	Bracket-Coil				
	2-916607	3	Taptite screw #8-32 x 3/8				
15	3-129417	1	Drive lever				
	916935	1	Soc Hd. screw #6-32 x 3/4				
	507853	1	Hex nut #6-32				
	914227	1	Lockwasher #6				

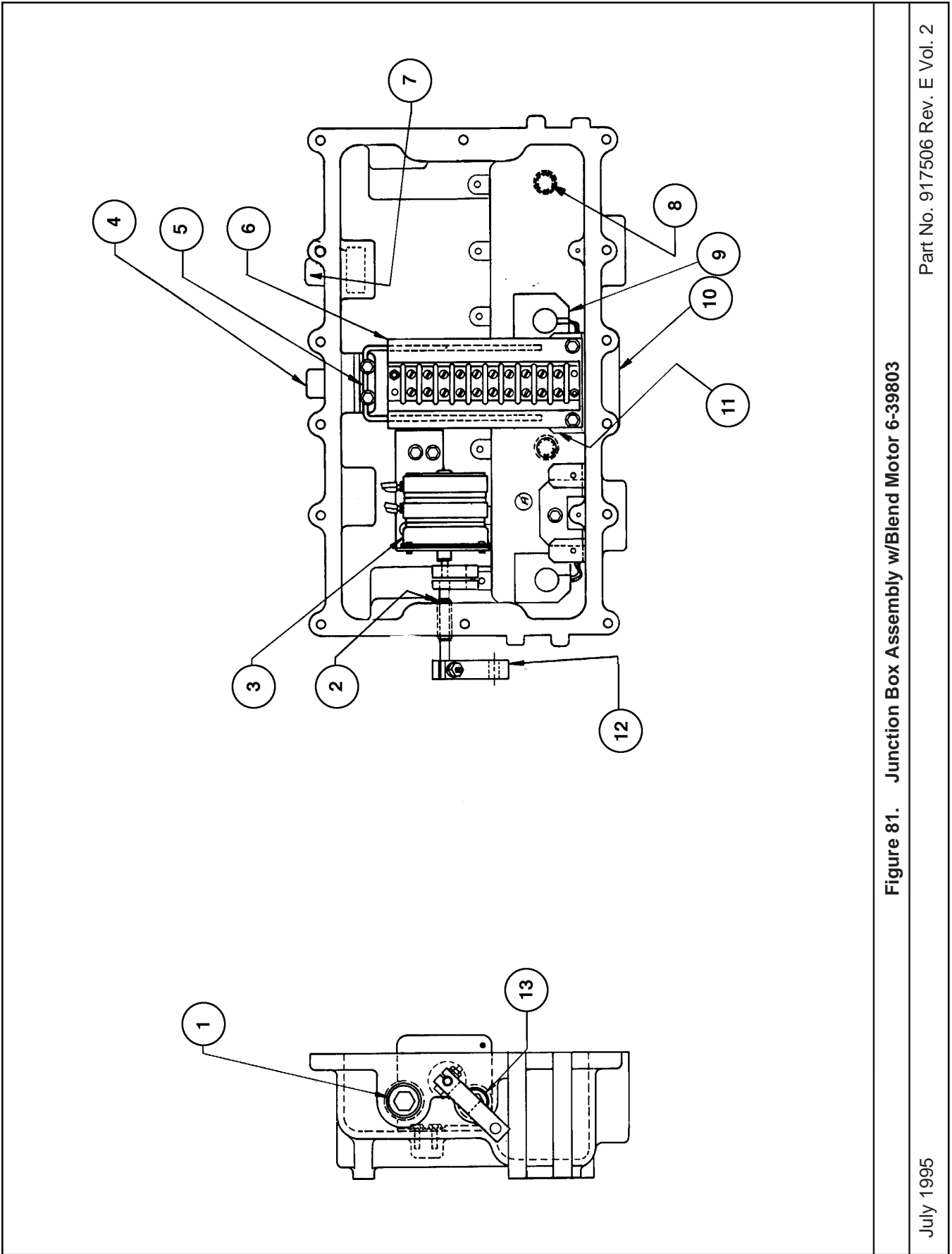


Figure 81. Junction Box Assembly w/Blend Motor 6-39803

Table 81. Junction Box Assembly w/Blend Motor 6-39803

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	508772	2	Pipe plug 3/4				
2	5-129419	1	Cam & shaft				
	903367	2	Retaining ring				
	913792	1	Bearing sleeve				
3	4-201324	1	Blend motor (L)				
	2-916607	3	Hex Hd. screw #8-32 x 3/8				
4	509655	1	Pipe plug 1"				
5	2-201094	1	Bracket-Terminal strip				
	2-916607	4	Taptite screw #8-32 x 3/8				
6	916860	1	Terminal block				
	916861	1	Strip marker				
	916956	2	H.H. screw #8-32 x 3/4				
	507868	2	Nut #8-32				
7	509655	1	Pipe plug 1" NPT				
8	512453	2	Pipe plug 3/8				
9	3-201628	2	Coil-Solenoid				
10	6-47096	1	Junction box				
11	201674	2	Bracket-Coil				
	2-916607	2	Taptite screw #8-32 x 3/8				
12	3-129417	1	Drive lever				
	916935	1	Soc Hd. screw #6-32 x 3/4				
	507853	1	Hex nut #6-32				
	914227	1	Lockwasher #6				
13	508919	2	Pipe plug 1/2				

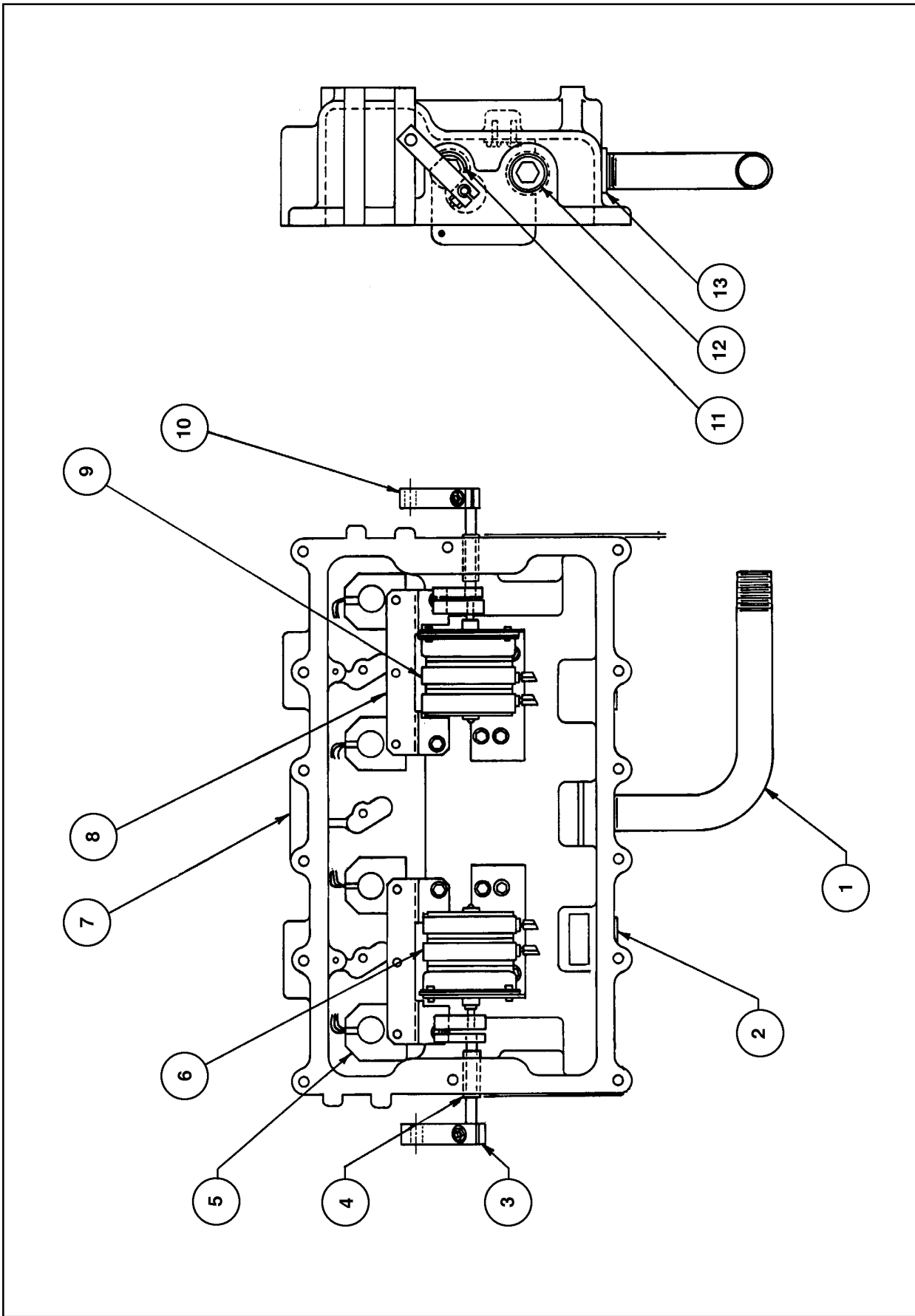


Figure 82. Junction Box Assembly w/Blend Motor 7-39803

Table 82. Junction Box Assembly w/Blend Motor 7-39803

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3-39925	1	Conduit				
2	509655	2	Pipe plug 1"				
3	4-129417	1	Drive lever				
	916935	1	Soc Hd. screw #6-32 x 3/4				
	507853	1	Hex nut #6-32				
	914227	1	Lockwasher #6				
4	5-129419	2	Cam & shaft				
	903367	4	Retaining ring				
	913792	2	Bearing sleeve				
5	3-201628	4	Coil-Solenoid				
6	5-201324	1	Blend motor				
	2-916607	3	Hex Hd. screw #8-32 x 3/8				
7	5-47096	1	Junction box				
8	1-129711	2	Bracket-Coil				
	2-916607	4	Taptite screw #8-32 x 3/8				
9	4-201324	1	Blend motor				
	2-916607	3	Hex Hd. screw #8-32 x 3/8				
10	3-129417	1	Drive lever				
	916935	1	Soc Hd. screw #6-32 x 3/4				
	507853	1	Hex nut #6-32				
	914227	1	Lockwasher #6				
11	508919	2	Pipe plug 1/2				
12	508772	2	Pipe plug 3/4				
13	904260	1	Conduit bushing 1" x 3/4				

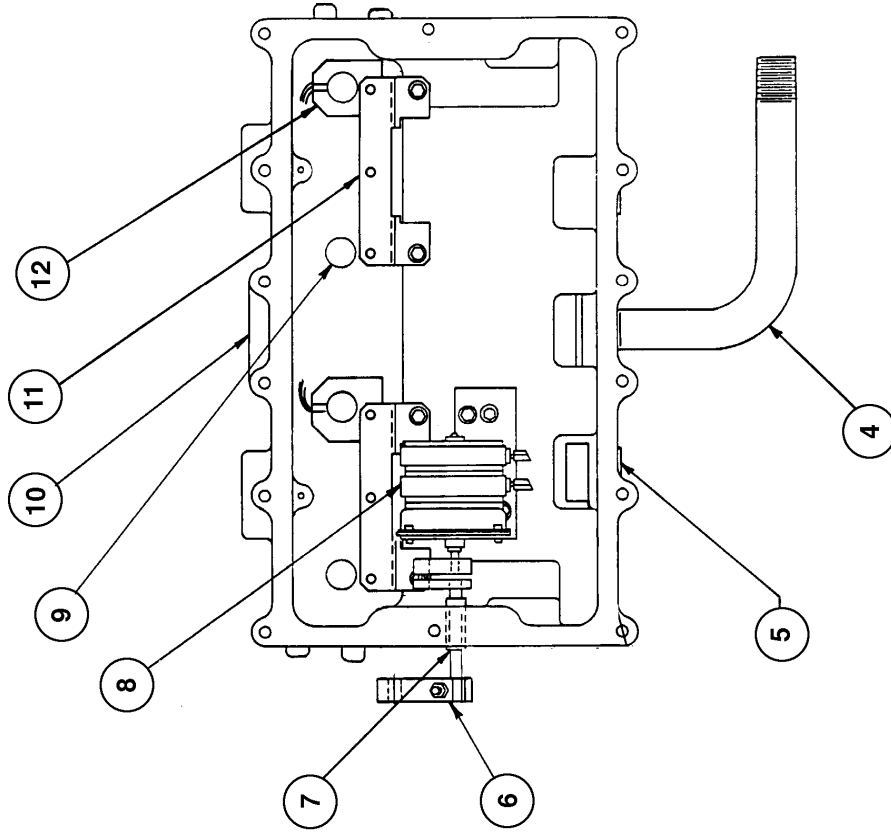
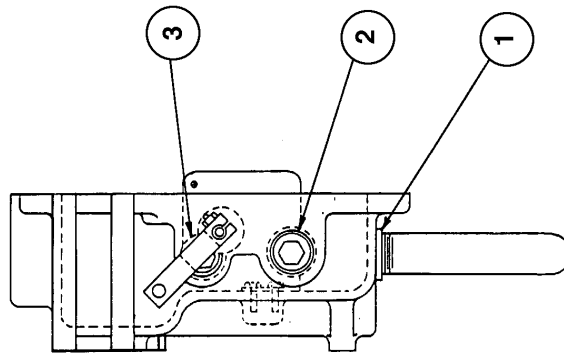


Figure 83. Junction Box Assembly w/Blend Motor 8-39803

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Table 83. Junction Box Assembly w/Blend Motor 8-39803

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	904260	1	Conduit bushing 1" x 3/4				
2	508772	2	Pipe plug 3/4				
3	508919	2	Pipe plug 1/2				
4	3-39925	1	Conduit				
5	509655	2	Pipe plug 1"				
6	4-129417	1	Drive lever				
	916935	1	Soc Hd. screw #6-32 x 3/4				
	507853	1	Hex nut #6-32				
	914227	1	Lockwasher #6				
7	5-129419	1	Cam & shaft				
	903367	2	Retaining ring				
	913792	1	Bearing sleeve				
8	5-201324	1	Blend motor				
	2-916607	3	Hex Hd. screw #8-32 x 3/8				
9	512453	2	Pipe plug 3/8				
10	7-47096	1	Junction box				
11	1-129711	2	Bracket-Coil				
	2-916607	4	Taptite screw #8-32 x 3/8				
12	3-201628	2	Coil-Solenoid				

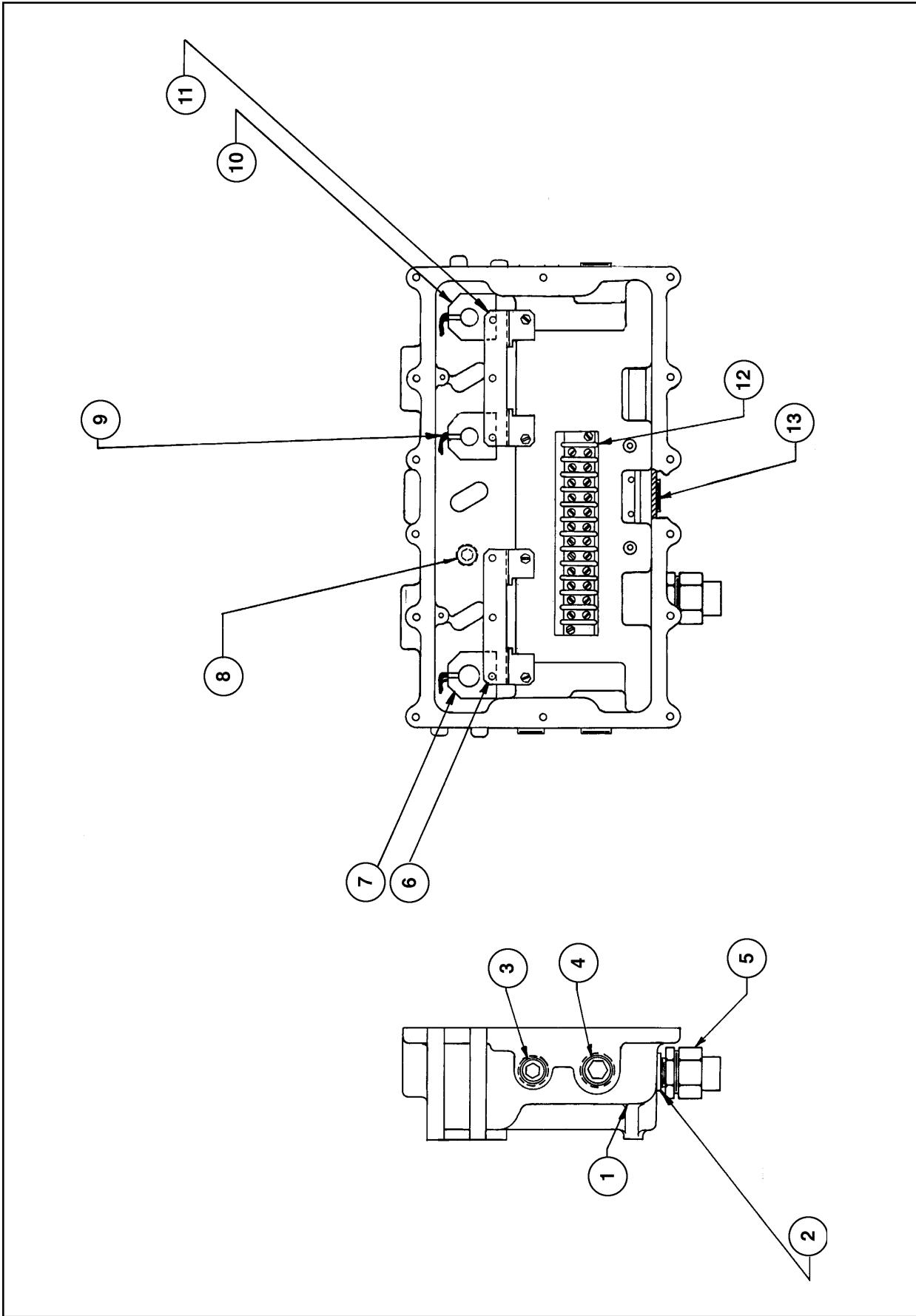


Figure 84. Junction Box Assembly 1 and 2-39804 and 1-39804-220, -230 and -240

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Table 84. Junction Box Assembly 1 and 2-39804 and 1-39804-220, 230 and 240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	47096	1	Junction box	13	916574	1	Terminal strip
2	905990	1	Conduit bushing 1" x 1/2		916576	1	Marker strip
3	508919	1	Pipe plug 1/2		916956	2	Hex Hd. screw #8-32 x 3/4
4	508772	2	Pipe plug 3/4	14	509655	1	Pipe plug 1" NPT
5	122265	1	Conduit union 1/2				
6	1-129711	1	Bracket-Coil				
	2-916607	2	Taptite screw #8-32 x 3/8				
7	(1 and 2-39804 only)						
	3-201628	1	Solenoid Coil				
	(1-39804-230 only)						
	4-201628	1	Solenoid Coil				
	(1-39804-220 only)						
	2-201628	1	Solenoid Coil				
	(1-39804-240 only)						
	5-201628	1	Solenoid Coil				
8	512453	1	Pipe plug 3/8				
9	(1-39804 only)						
	3-201628	1	Solenoid Coil				
	(1-39804-230 only)						
	4-201628	1	Solenoid Coil				
	(1-39804-220 only)						
	2-201628	1	Solenoid Coil				
	(1-39804-240 only)						
	5-201628	1	Solenoid Coil				
	(2-39804 only)						
	512453	2	Pipe plug 3/8				
10	(1 and 2-39804 only)						
	3-201628	1	Solenoid Coil				
	(1-39804-230 only)						
	4-201628	1	Solenoid Coil				
	(1-39804-220 only)						
	2-201628	1	Solenoid Coil				
	(1-39804-240 only)						
	5-201628	1	Solenoid Coil				
11	1-129711	1	Bracket-Coil				
	2-916607	2	Taptite screw #8-32 x 3/8				
12	508919	1	Pipe plug 1/2" NPT				

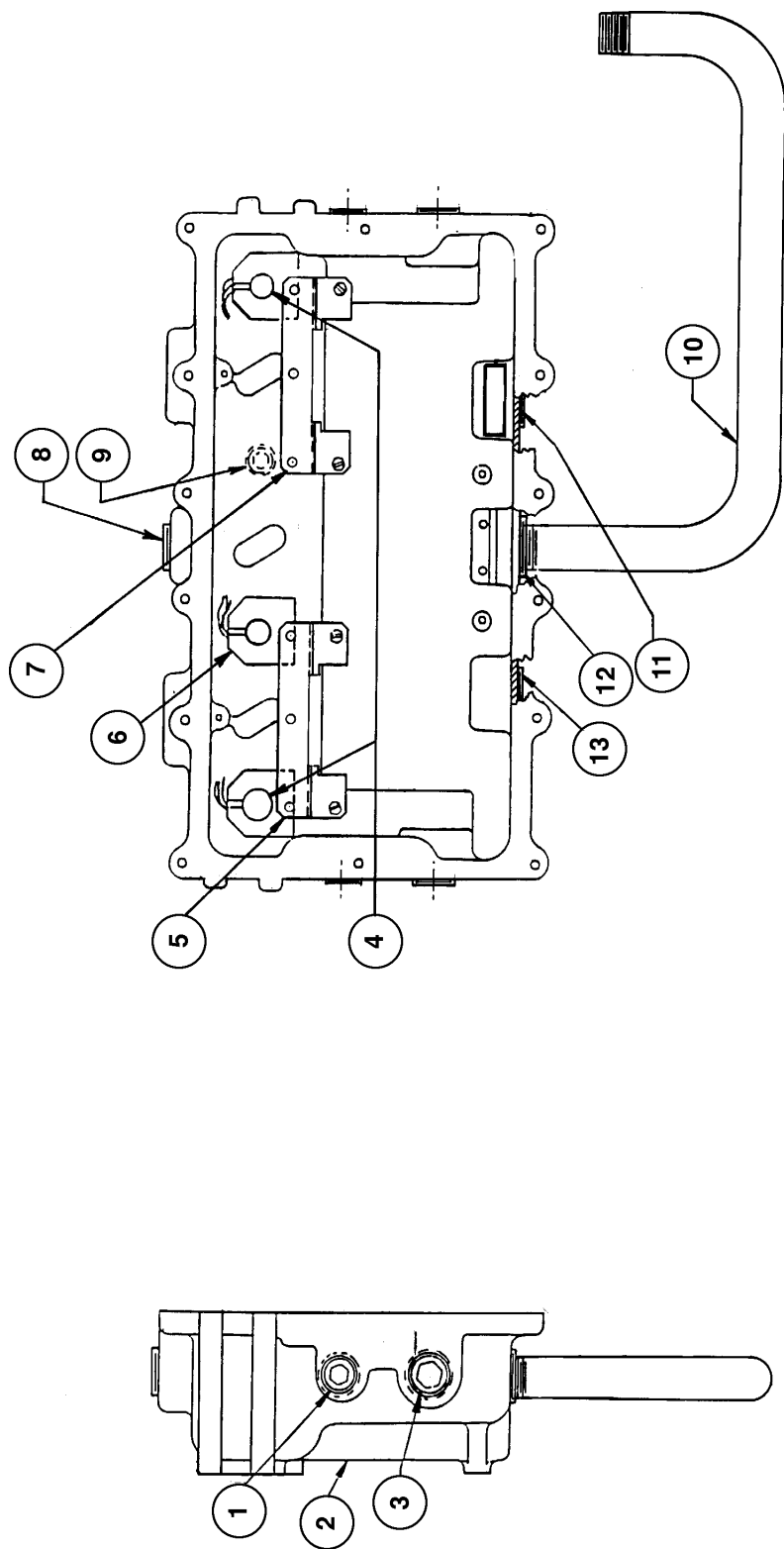


Figure 85. Junction Box Assembly 3 and 4-39804 and 3-39804-220, 230 and 240

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Table 85. Junction Box Assembly 3 and 4-39804 and 3-39804-220, 230 and 240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	508919	2	Pipe plug 1/2				
2	47096	1	Junction box				
3	508772	3	Pipe plug 3/4				
4	(3-39804 only)						
	3-201628	2	Coil- Solenoid				
	(3-39804-220 only)						
	2-201628	2	Coil-Solenoid				
	(3-39804-230 only)						
	4-201628	2	Coil-Solenoid				
	(3-39804-240 only)						
	5-201628	2	Coil-Solenoid				
5	1-129711	1	Bracket-Coil				
	2-916607	2	Taptite screw #8-32 x 3/8				
6	(3 and 4-39804 only)						
	3-201628	1	Coil-Solenoid				
	(3-39804-220 only)						
	2-201628	1	Coil-Solenoid				
	(3-39804-230 only)						
	4-201628	1	Coil-Solenoid				
	(3-39804-240 only)						
	5-201628	1	Coil-Solenoid				
7	(3-39804, 3-39804-220, -230, -240)						
	1-129711	1	Bracket-Coil				
	2-916607	2	Taptite screw #8-32 x 3/8				
	(4-39804 only)						
	512453	2	Pipe plug 3/8				
8	508772	2	Pipe plug 3/4				
9	512453	1	Pipe plug 3/8				
10	300150	1	Conduit				
11	509655	1	Pipe plug 1"				
12	905990	1	Conduit bushing 1 x 1/2				
13	509655	1	Pipe plug 1" NPT				

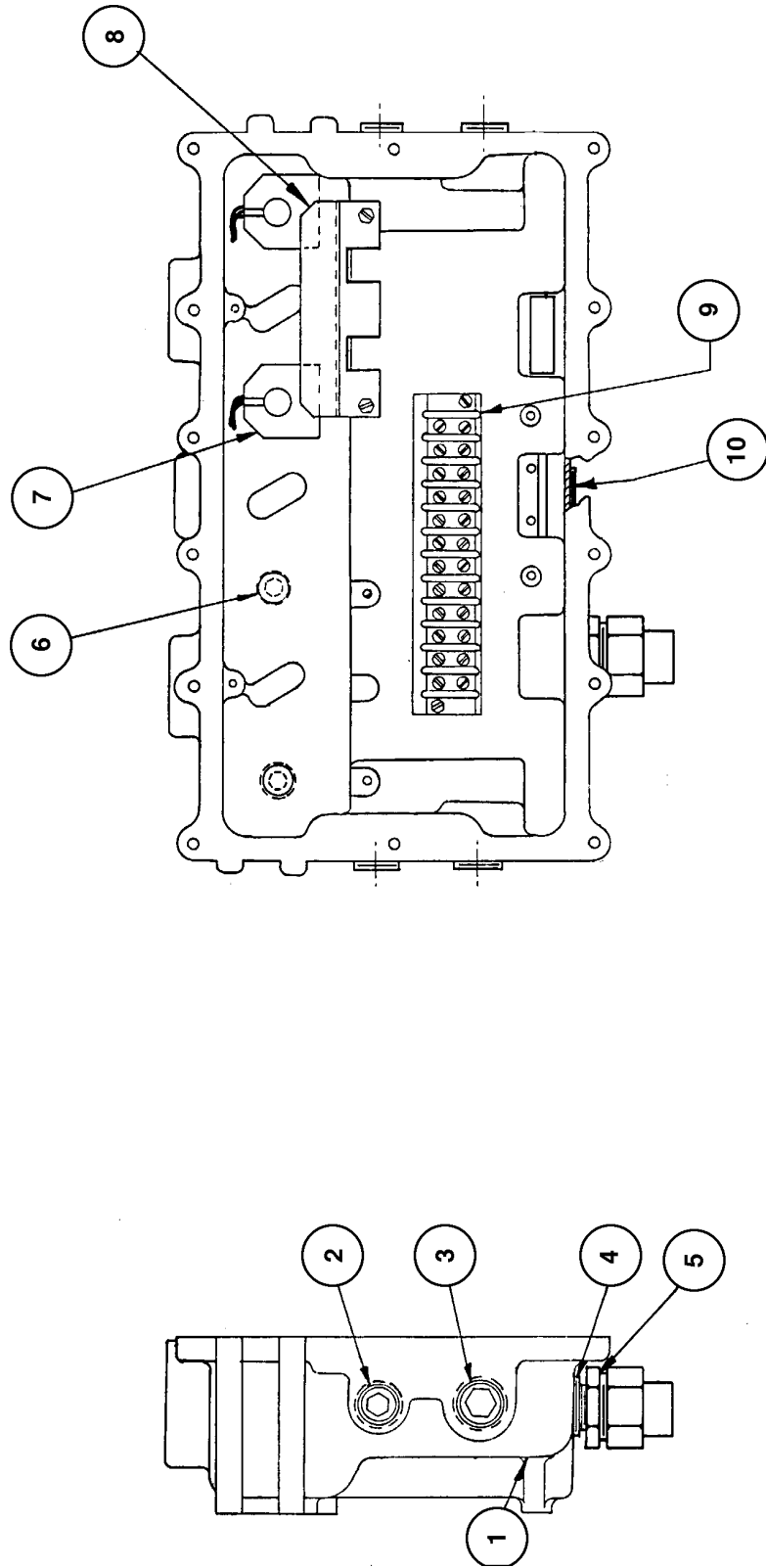


Figure 86. Junction Box Assembly 5-39804 and 5-39804-220, -230 and -240

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Table 86. Junction Box Assembly 5-39804 and 5-39804-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	47096	1	Junction box				
2	508919	2	Pipe plug 1/2				
3	508772	2	Pipe plug 3/4				
4	905990	1	Conduit bushing 1 x 1/2				
5	122265	1	Conduit union 1/2				
6	512453	2	Pipe plug 3/8				
7	(5-39804 only)						
	3-201628	2	Coil-Solenoid				
	(5-39804-230 only)						
	4-201628	2	Coil-Solenoid				
	(5-39804-220 only)						
	2-210628	2	Coil-Solenoid				
	(5-39804-240 only)						
	5-201628	2	Coil-Solenoid				
8	1-129711	1	Bracket-Coil				
	2-916607	2	Taptite screw #8-32 x 3/8				
9	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				
10	509655	1	Pipe plug 1"				

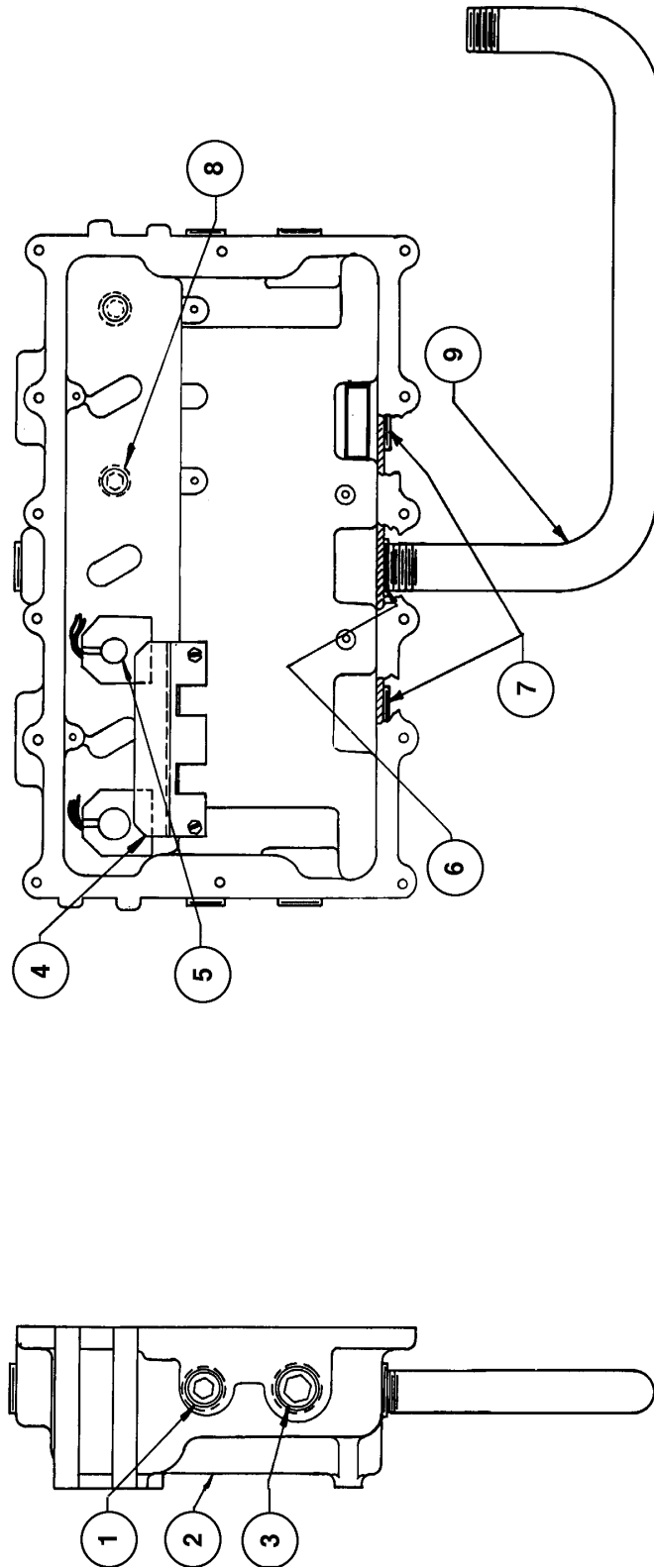


Figure 87. Junction Box Assembly 6-39804 and 6-39804-220, -230 and -240

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Table 87. Junction Box Assembly 6-39804 and 6-39804-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	508919	2	Pipe plug 1/2				
2	47096	1	Junction box				
3	508772	3	Pipe plug 3/4				
4	1-129711	1	Bracket-Coil				
	2-916607	2	Taptite screw #8-32 x 3/8				
5	(6-39804 only)						
	3-201628	2	Coil-Solenoid				
	(6-39804-230 only)						
	4-201628	2	Coil-Solenoid				
	(6-39804-220 only)						
	2-210628	2	Coil-Solenoid				
	(6-39804-240 only)						
	5-201628	2	Coil-Solenoid				
6	905990	1	Conduit bushing 1" x 1/2				
7	509655	2	Pipe plug 1"				
8	512453	2	Pipe plug 3/8				
9	300150	1	Conduit				

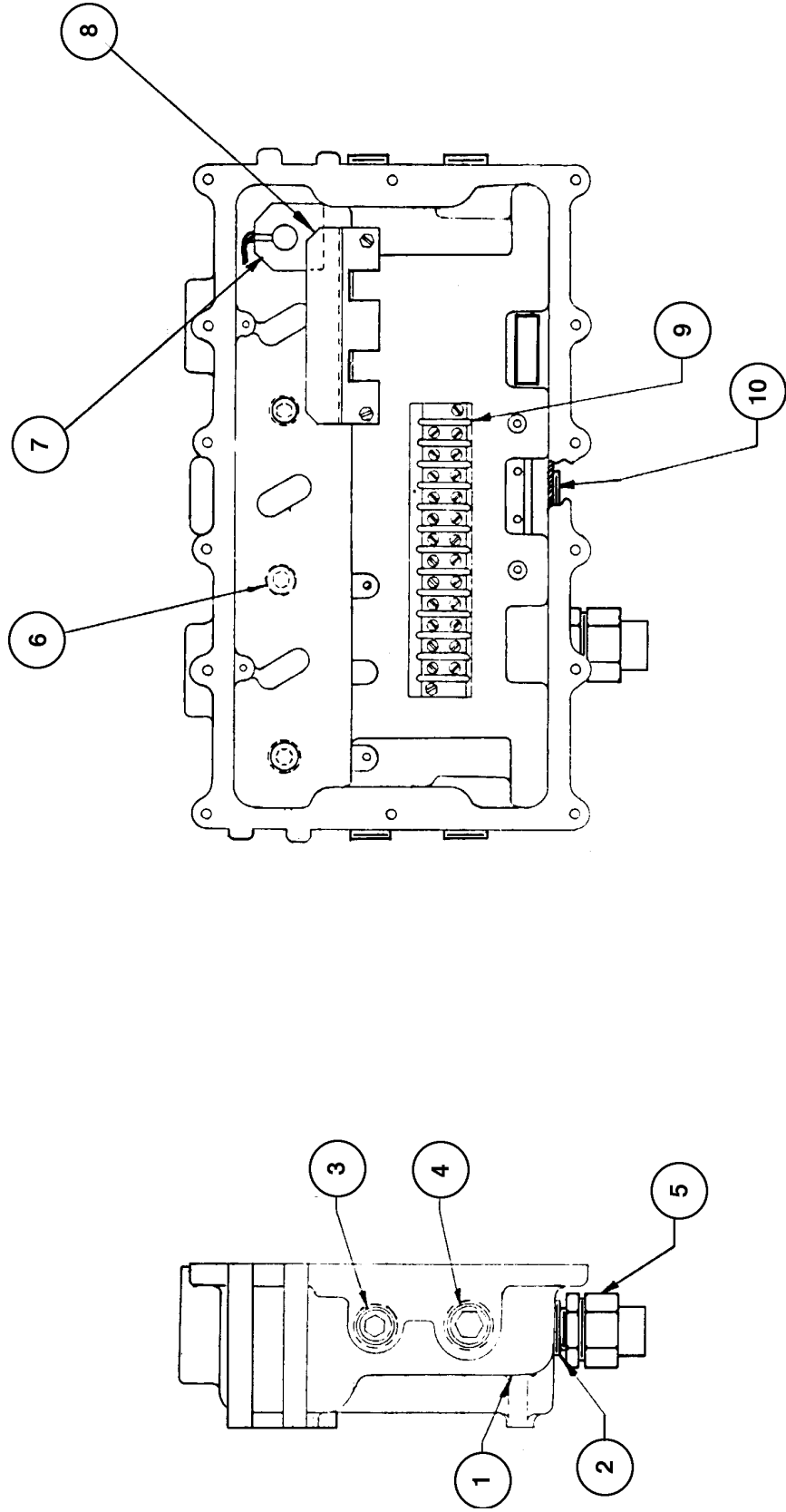


Figure 88. Junction Box Assembly 9-39804 and 9-39804-220, -230 and-240

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Table 88. Junction Box Assembly 9-39804 and 9-39804-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	47096	1	Junction box				
2	905990	1	Conduit bushing 1" x 1/2				
3	508919	2	Pipe plug 1/2				
4	508772	2	Pipe plug 3/4				
5	122265	1	Conduit union 1/2				
6	512453	3	Pipe plug 3/8				
7	(9-39804 only)						
	3-201628	1	Coil-Solenoid				
	(9-39804-230 only)						
	4-201628	1	Coil-Solenoid				
	(9-39804-220 only)						
	2-210628	1	Coil-Solenoid				
	(9-39804-240 only)						
	5-201628	1	Coil-Solenoid				
8	1-129711	1	Bracket-Coil				
	2-916607	2	Taptite screw #8-32 x 3/8				
9	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Hex Hd. screw #8-32 x 3/4				
10	509655	1	Pipe plug 1"				

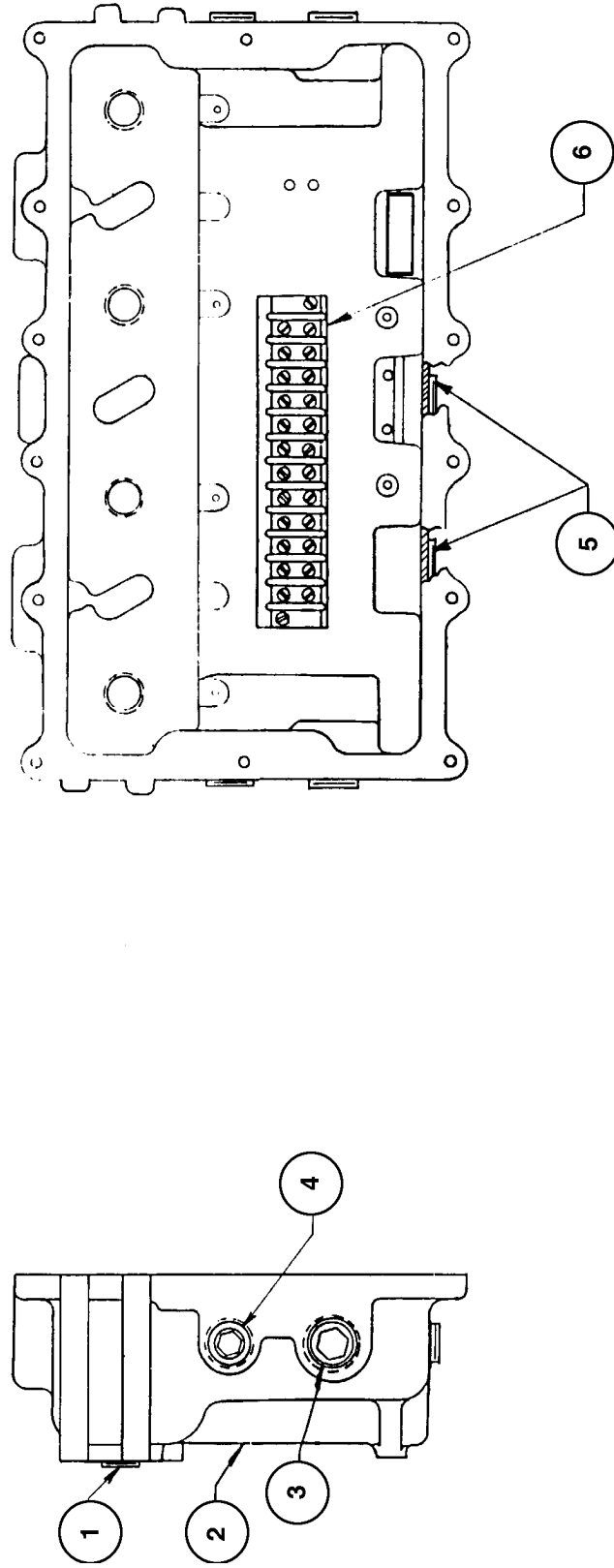


Figure 89. Junction Box Assembly 17-39804

Table 89. Junction Box Assembly 17-39804

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	512453	4	Pipe plug 3/8				
2	47096	1	Junction box				
3	508772	2	Pipe plug 3/4				
4	508919	2	Pipe plug 1/2				
5	509655	2	Pipe plug 1"				
6	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				

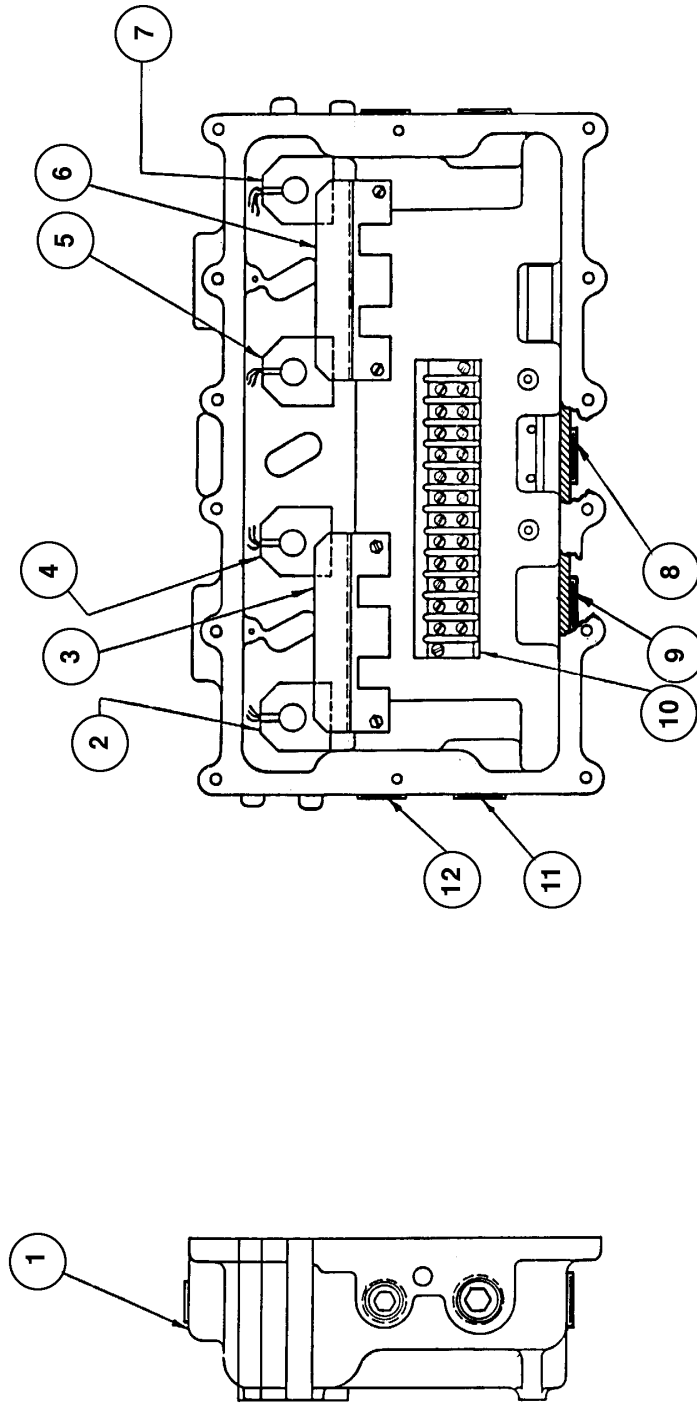


Figure 90. Junction Box Assembly 18 thru 21-39804 and 18 thru 21-39804-220, -230,- 240

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Table 90. Junction Box Assembly 18 thru 21-39804 and 18 thru 21-39804-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	47096	1	Junction box	7	(18, 20-39804 only)		
2	(18-39804 only)			3-201628	1	Coil-Solenoid	
	3-201628	1	Coil-Solenoid	(18 and 20-39804-230 only)			
	(18-39804-230 only)			4-201628	1	Coil-Solenoid	
	4-201628	1	Coil-Solenoid	(18 and 20-39804-220 only)			
	(18-39804-220 only)			2-201628	1	Coil-Solenoid	
	2-201628	1	Coil-Solenoid	(18 and 20-39804-240 only)			
	(18-39804-240 only)			5-201628	1	Coil-Solenoid	
	5-201628	1	Coil-Solenoid	(19, 21-39804 and 19 and 21-39804-220, -230 and -240 only)			
	(19 thru 21-39804 and 19 thru 21-39804-220, -230 and -240 only)			512453	1	Pipe plug 3/8	
	512453	1	Pipe plug 3/8	8	509655	1	Pipe plug 1" NPT
3	(18, 20-39804 and 18 and 20-39804-220, -230 and -240 only)			9	509655	1	Pipe plug 1" NPT
	1-129711	1	Bracket-Coil	10	916574	1	Terminal strip
	2-916607	2	Taptite screw #8-32 x 3/8		916576	1	Marker strip
					916956	2	Screw #8-32 x 3/4
4	(18, 19, 20-39804 only)			11	508772	2	Pipe plug 3/4
	3-201628	1	Coil-Solenoid	12	508919	2	Pipe plug 1/2
	(18, 19 and 20-39804-230 only)						
	4-201628	1	Coil-Solenoid				
	(18, 19 and 20-39804-220 only)						
	2-201628	1	Coil-Solenoid				
	(18, 19 and 20-39804-240 only)						
	5-201628	1	Coil-Solenoid				
	(21-39804 and 21-39804-220, -230 and -240 only)						
	512453	1	Pipe plug 3/8				
5	(18, 19 and 21-39804 only)						
	3-201628	1	Coil-Solenoid				
	(18, 19 and 21-39804-230 only)						
	4-201628	1	Coil-Solenoid				
	(18, 19 and 21-39804-220 only)						
	2-201628	1	Coil-Solenoid				
	(18, 19 and 21-39804-240 only)						
	5-201628	1	Coil-Solenoid				
	(20-39804 and 20-39804-220, -230 and -240 only)						
	512453	1	Pipe plug 3/8				
6	1-129711	1	Bracket-Coil				
	2-916607	2	Taptite screw #8-32 x 3/8				

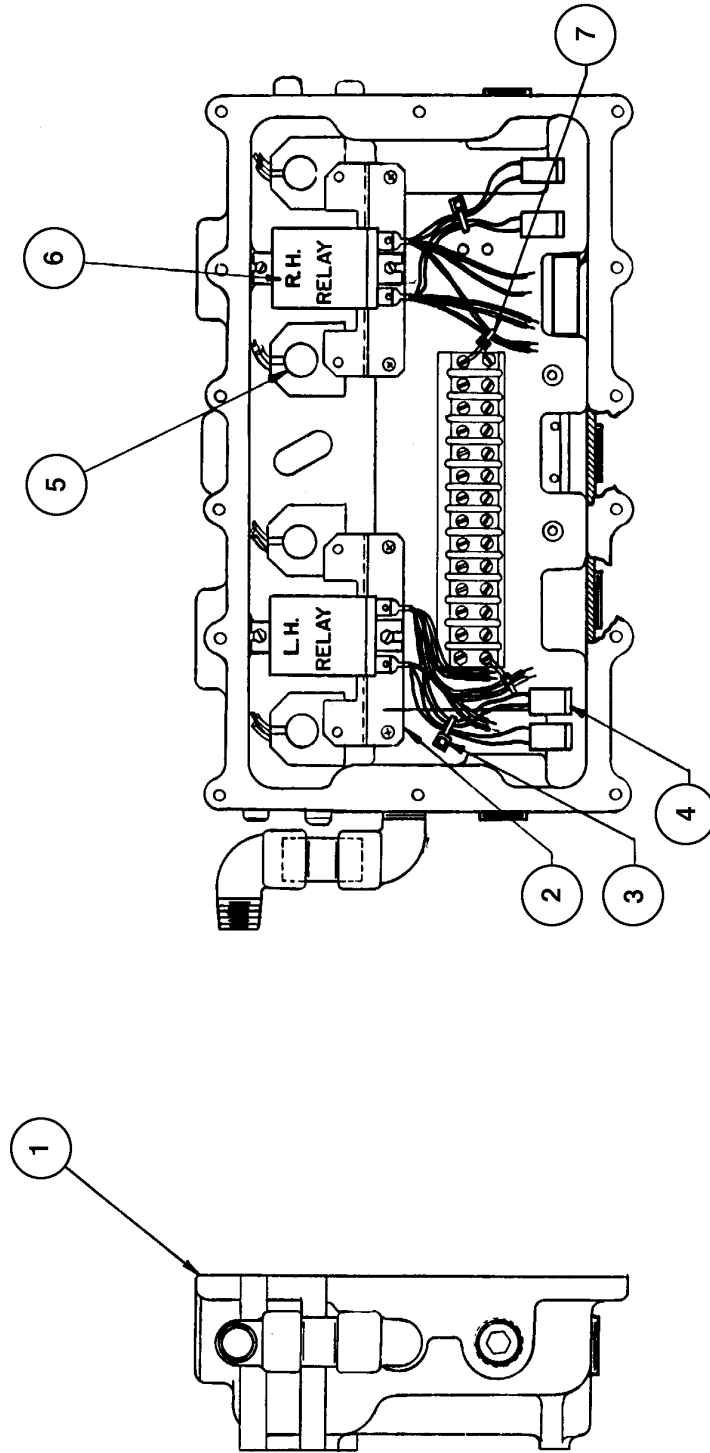


Figure 91. Junction Box Assembly 22-39804 and 22-39804-220, -230 and -240

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Table 91. Junction Box Assembly 22-39804 and 22-39804-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	8-47096	1	Junction box				
	508772	2	Pipe plug 3/4				
	509655	2	Pipe plug 1"				
	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				
	1-128005-125	1	Nipple 1/2				
	1-124856	2	Elbow 90 °				
2	1-129711	2	Bracket-Coil				
	2-916607	4	Taptite screw #8-32 x 3/8				
3	513211	2	Cable tie				
4	918770	8	Terminal-Ultra fast				
	918771	4	Suppressor-Arc /Surge				
5	(22-39804 only)						
	3-201628	4	Coil-Solenoid				
	(22-39804-230 only)						
	4-201628	4	Coil-Solenoid				
	(22-39804-220 only)						
	2-201628	4	Coil-Solenoid				
	(22-39804-240 only)						
	5-201628	4	Coil-Solenoid				
6	(22-39804 only)						
	1-916709	2	Relay				
	(22-39804-220, -230 and -240 only)						
	2-916709	2	Relay				
	916111	4	Screw #6-32 x 3/8				
7	916728	2	Wrap it tie				
	918438	2	H.S.H.S. #8-32 x 7/8				

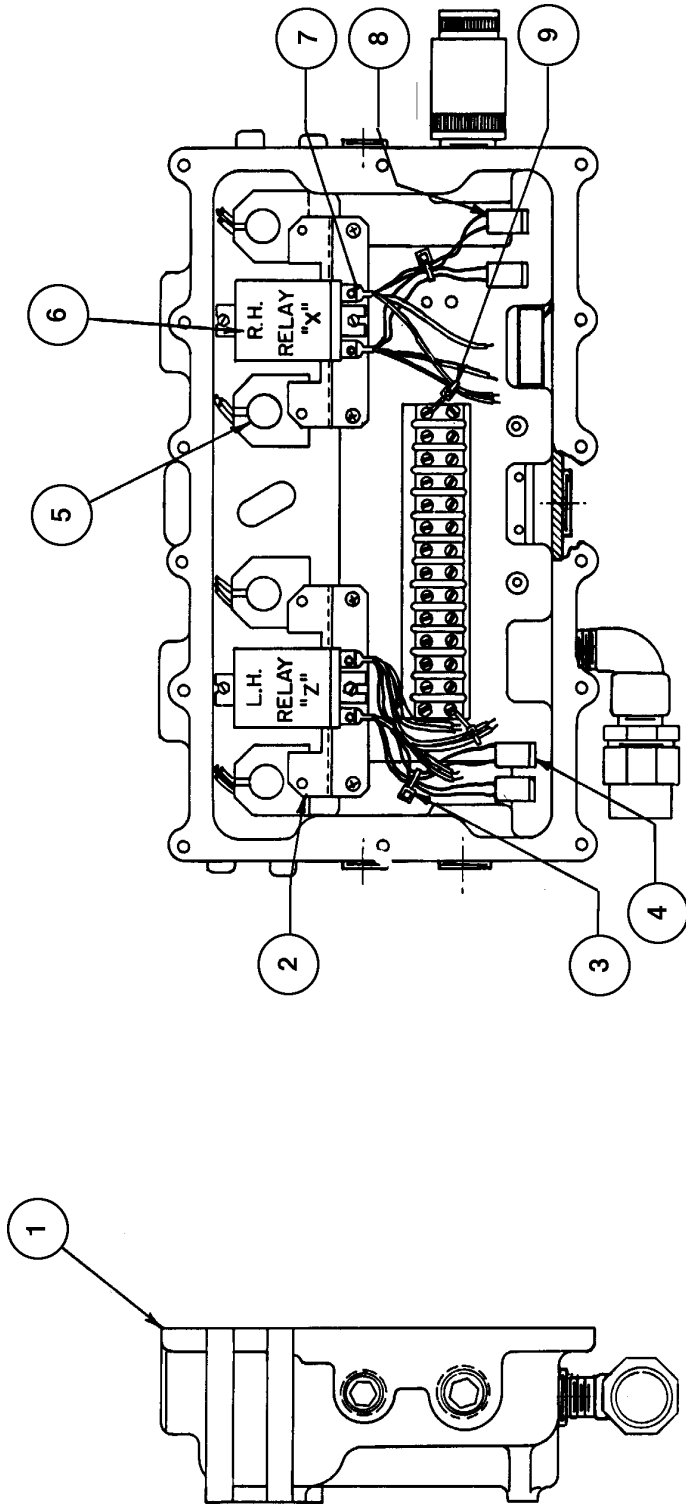


Figure 92. Junction Box Assembly 28-39804 and 28-39804-220, -230 and -240

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Table 92. Junction Box Assembly 28-39804 and 28-39804-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47096	1	Junction box				
	508772	1	Pipe plug 3/4				
	508919	2	Pipe plug 1/2				
	509655	1	Pipe plug 1"				
	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				
	6-124856	1	Elbow 90°				
	122265	1	Conduit Union 1/2				
	907425	1	Union Expansion 3/4				
	905990	1	Conduit Bushing 1 x 1/2				
2	1-129711	2	Bracket-Coil				
	2-916607	4	Taptite screw #8-32 x 3/8				
3	513210	2	Cable tie				
4	918770	4	Terminal-Ultra fast				
	918771	2	Suppressor-Arc /Surge				
5	(28-39804 only)						
	3-201628	4	Coil-Solenoid				
	(28-39804-230 only)						
	4-201628	4	Coil-Solenoid				
	(28-39804-220 only)						
	2-201628	4	Coil-Solenoid				
	(28-39804-240 only)						
	5-201628	4	Coil-Solenoid				
6	(28-39804 only)						
	1-916709	2	Relay				
	(28-39804-220, -230 and -240)						
	2-916709	2	Relay				
	916111	4	Screw #6-32 x 3/8				
7	4048201	2	Terminal				
8	918770	2	Terminal-Ultra fast				
	918772	2	Terminal-Ultra fast				
	918771	2	Suppressor-Arc /Surge				
9	916728	2	Wrap it tie				
	918438	2	H.S.H.S. #8-32 x 7/8				

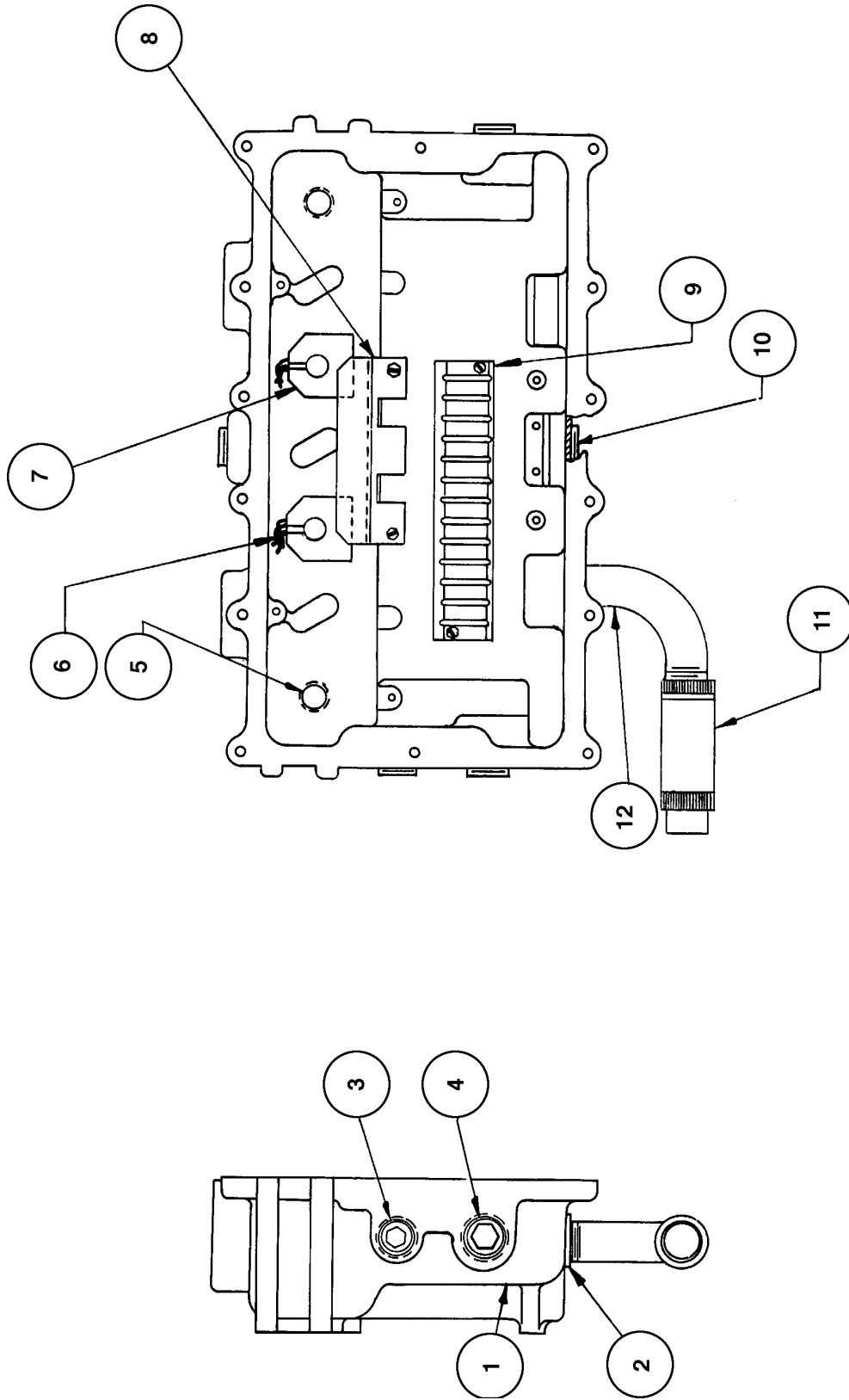


Figure 93. Junction Box Assembly 30, 31 and 58-39804

Table 93. Junction Box Assembly 30, 31 and 58-39804

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	47096	1	Junction box				
2	904260	1	Conduit bushing 1" x 3/4				
3	508919	1	Pipe plug 1/2				
4	508772	3	Pipe plug 3/4				
5	512453	2	Pipe plug 3/8				
6	(30-39804 only) 3-201628	1	Coil-Solenoid				
	(31 and 58-39804 only) 512453	1	Pipe plug 3/8				
7	(30 and 31-39804 only) 3-201628	1	Coil-Solenoid				
	(58-39804 only) 512453	1	Pipe plug 3/8 NPT				
8	(30 and 31-39804 only) 1-129711	1	Bracket-Coil				
	2-916607	2	Taptite screw #8-32 x 3/8				
9	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				
10	509655	1	Pipe plug 1"				
11	918297	1	Conduit union 3/4				
12	3-39925	1	Conduit				

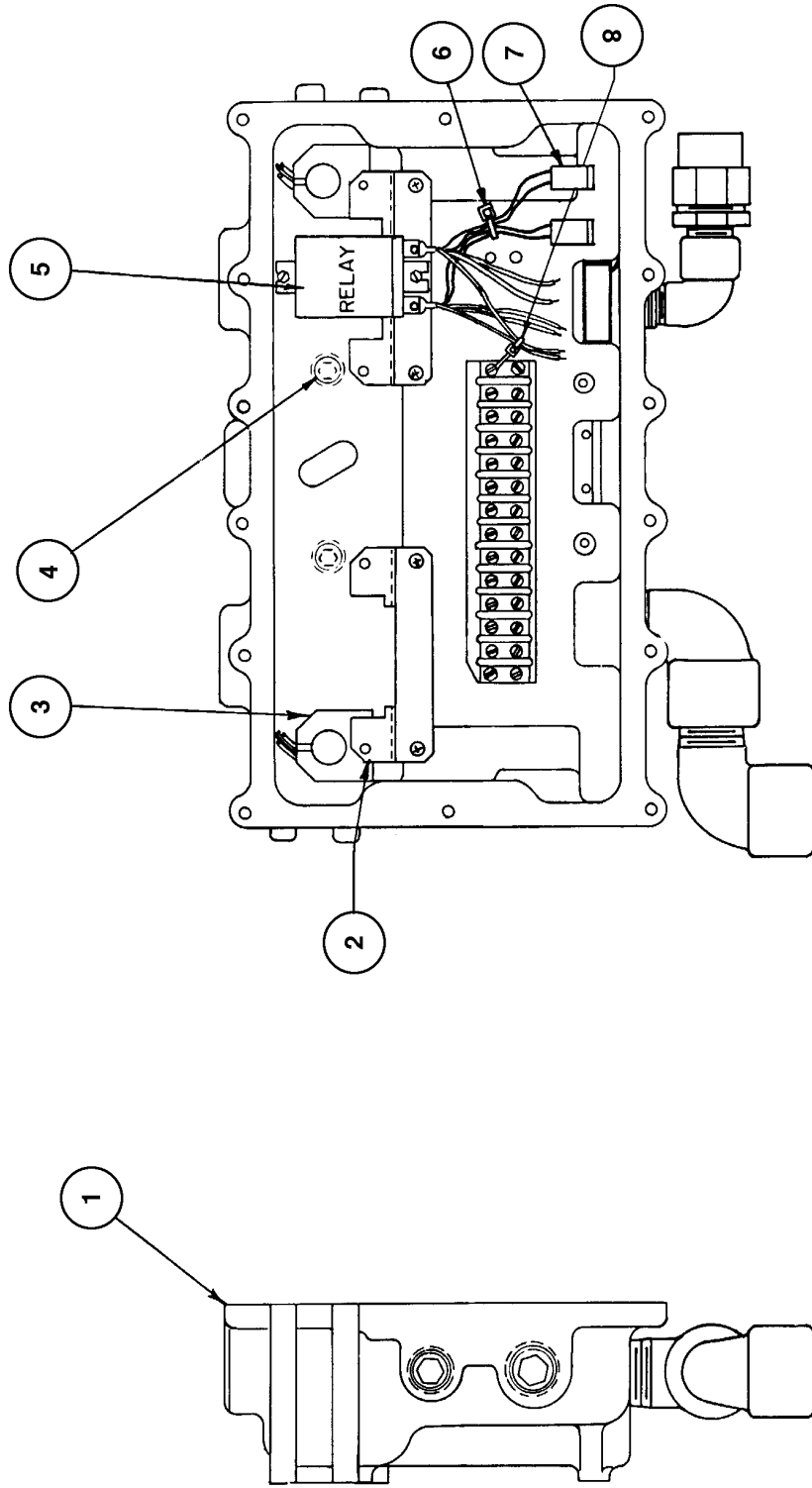


Figure 94. Junction Box Assembly 32-39804 and 32-39804-220, -230 and -240

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Table 94. Junction Box Assembly 32-39804 and 32-39804-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47096	1	Junction box				
	508772	2	Pipe plug 3/4				
	508919	2	Pipe plug 1/2				
	509655	1	Pipe plug 1"				
	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				
	5-124856	2	Elbow 90 degree				
	6-124856	1	Elbow 90 degree				
	905990	1	Conduit bushing 1" x 1/2				
	122265	1	Conduit union 1/2				
2	1-129711	2	Bracket-Coil				
	2-916607	4	Taptite screw #8-32 x 3/8				
3	(32-39804 only)						
	3-201628	2	Coil-Solenoid				
	(32-39804-230 only)						
	4-201628	2	Coil-Solenoid				
	(32-39804-220 only)						
	2-201628	2	Coil-Solenoid				
	(32-39804-240 only)						
	5-201628	2	Coil-Solenoid				
4	512453	2	Pipe plug 3/8				
5	(32-39804 only)						
	1-916709	1	Relay				
	(32-39804-220, -230 and -240)						
	2-916709						
	916111	2	Screw #6-32 x 3/8				
6	513210	1	Cable tie				
7	918770	4	Terminal-Ultra fast				
	918771	2	Suppressor-Arc /Surge				
8	916728	1	Wrap it tie				
	918438	1	H.S.H.S. #8-32 x 7/8				

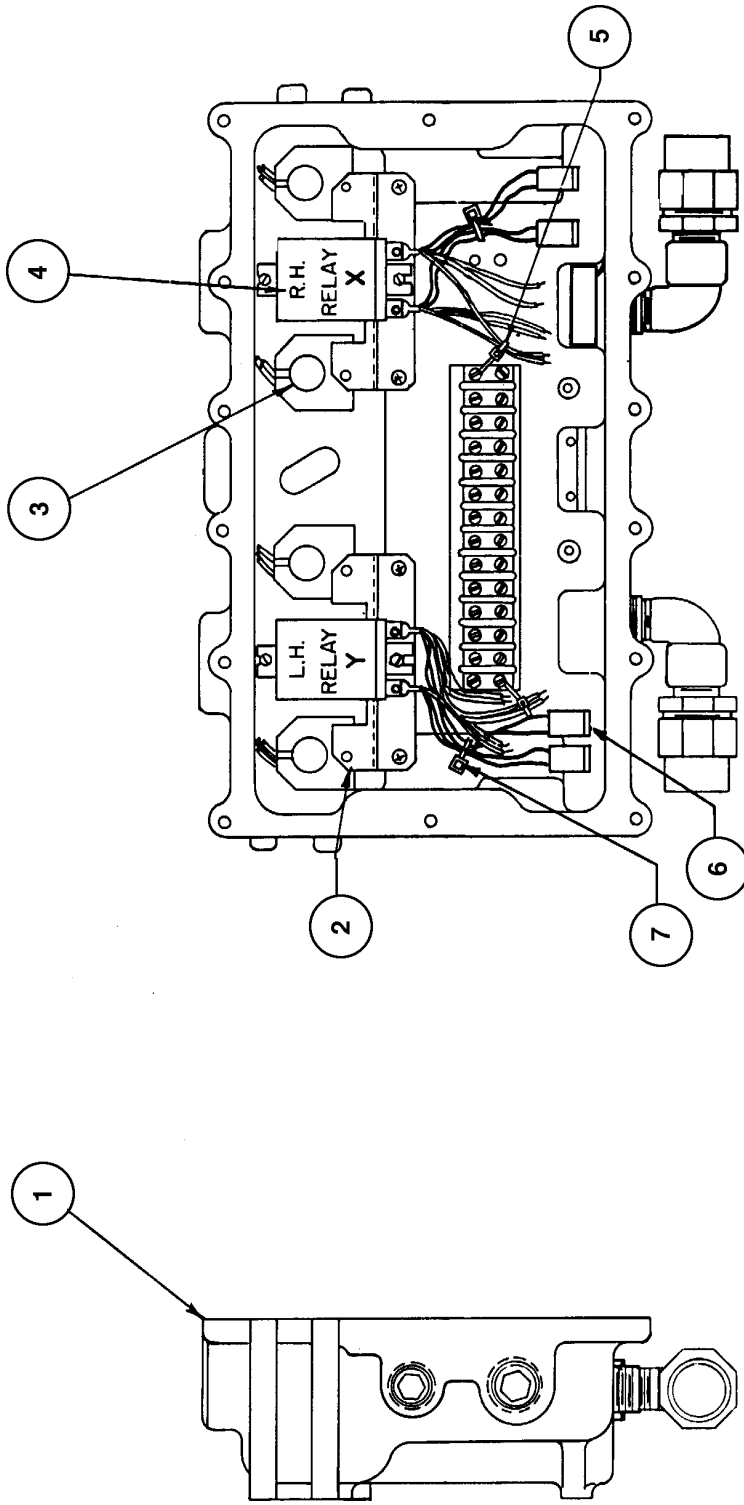


Figure 95. Junction Box Assembly 33-39804 and 33-39804-220, -230 and -240

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Table 95. Junction Box Assembly 33-39804 and 33-39804-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47096	1	Junction box				
	508772	2	Pipe plug 3/4				
	508919	2	Pipe plug 1/2				
	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				
	6-124856	2	Elbow 90 degree				
	905990	2	Conduit bushing 1" x 1/2				
	122265	2	Conduit union 1/2				
2	1-129711	2	Bracket-Coil				
	2-916607	4	Taptite screw #8-32 x 3/8				
3	(33-39804 only)						
	3-201628	4	Coil-Solenoid				
	(33-39804-230 only)						
	4-201628	4	Coil-Solenoid				
	(33-39804-220 only)						
	2-201628	4	Coil-Solenoid				
	(33-39804-240 only)						
	5-201628	4	Coil-Solenoid				
4	(33-39804 only)						
	1-916709	2	Relay				
	(33-39804-220, -230 and -240 only)						
	2-916709	2	Relay				
	916111	4	Screw #6-32 x 3/8				
5	916728	2	Wrap it tie				
	918438	2	H.S.H.S. #8-32 x 7/8				
6	918770	4	Terminal-Ultra fast				
	918771	2	Suppressor-Arc /Surge				
7	513210	1	Cable tie				

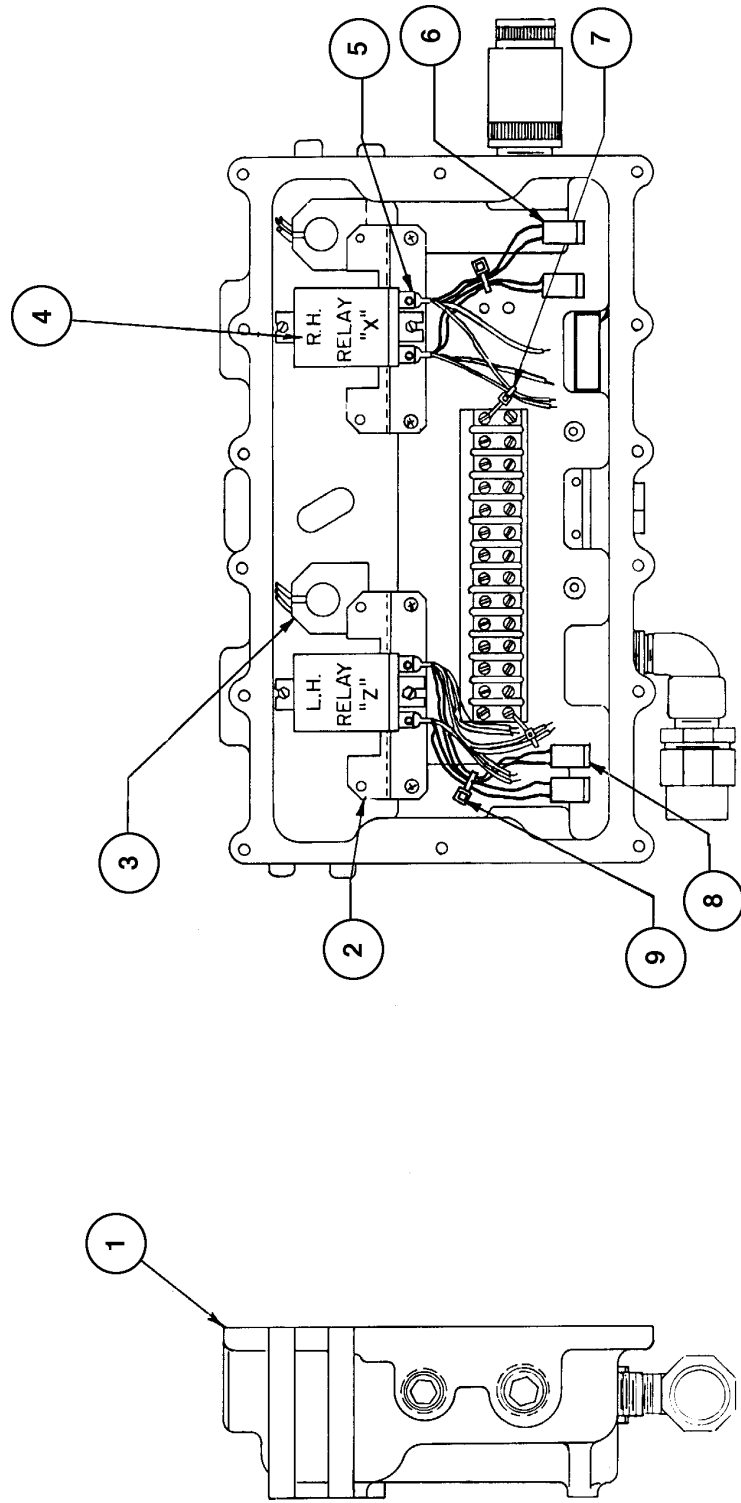


Figure 96. Junction Box Assembly 38-39804

Table 96. Junction Box Assembly 38-39804

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47096	1	Junction box				
	508772	1	Pipe plug 3/4				
	509655	1	Pipe plug 1				
	6-124856	1	90°Elbow 3/4 street				
	122265	1	Conduit union 1/2				
	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				
	905990	1	Conduit bushing				
	907425	1	Union - expansion 3/4				
	508919	2	Pipe plug 1/2 NPT				
2	1-129711	2	Bracket-Coil				
	2-916607	4	Taptite screw #8-32 x 3/8				
3	3-201628	2	Coil-Solenoid				
4	1-916709	2	Three pole Relay				
	916111	4	Screw #6-32 x 3/8				
	512453	2	Pipe Plug 3/8 NPT				
5	4048201	2	Terminal				
6	918770	2	Terminal-Ultra fast				
	918772	2	Terminal-Ultra fast				
	918771	2	Suppressor-Arc /Surge				
7	916728	2	Wrap it tie				
	918438	2	H.S.H.S. #8-32 x 7/8				
8	918770	4	Terminal-Ultra fast				
	918771	2	Suppressor-Arc /Surge				
9	513210	2	Cable tie				

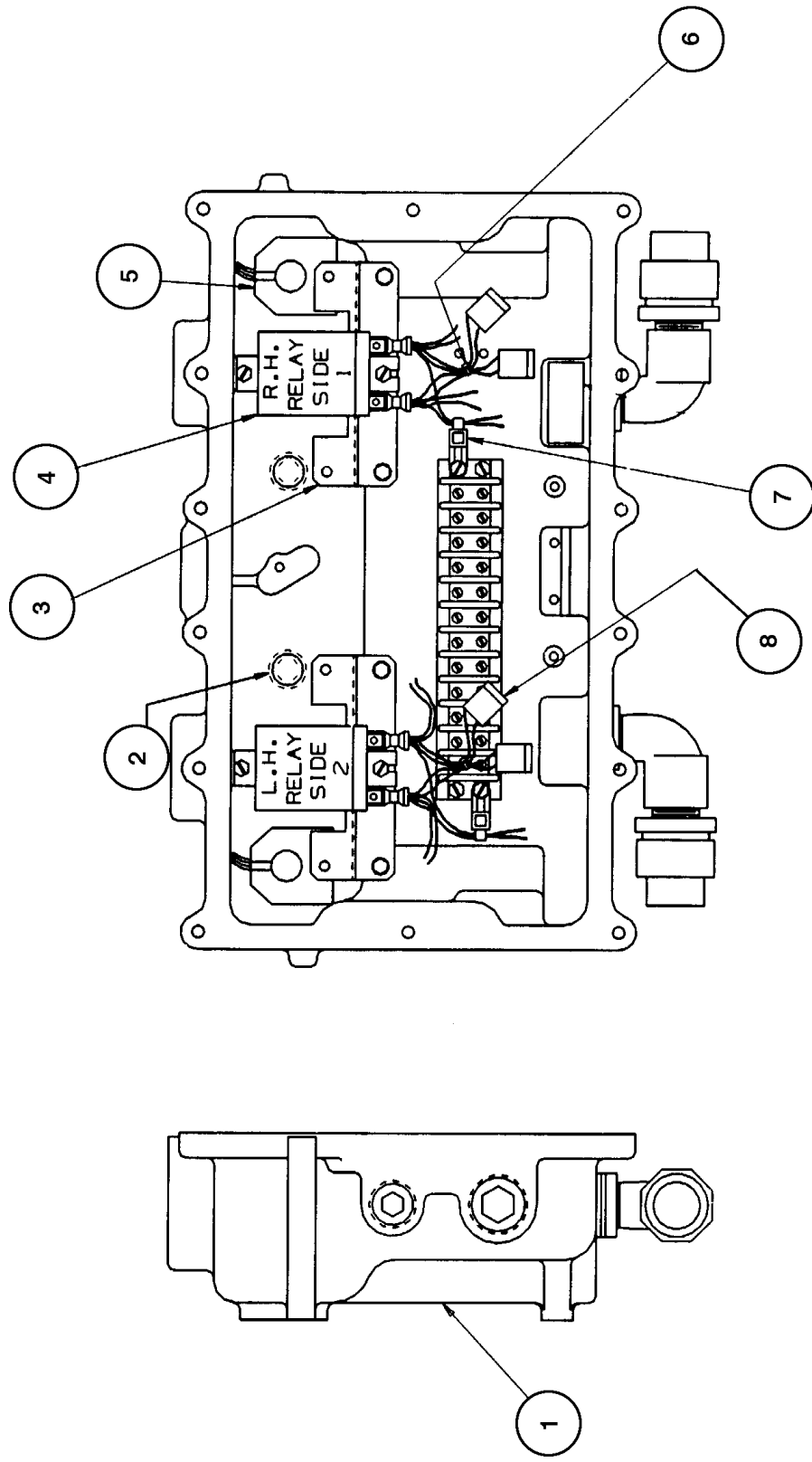


Figure 97. Junction Box Assembly 41-39804 and 41-39804-220, -230 and -240

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Table 97. Junction Box Assembly 41-39804 and 41-39804-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47096	1	Junction box				
	508772	2	Pipe plug 3/4				
	508919	2	Pipe plug 1/2				
	122265	2	Conduit union 1/2				
	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				
	6-124856	1	90° Elbow				
	905990	2	Conduit bushing				
2	512453	2	Pipe plug 3/8 NPT				
3	1-129711	2	Bracket-Coil				
	2-916607	4	Taptite screw #8-32 x 3/8				
4	(41-39804 only)						
	1-916709	2	Relay				
	(41-39804-220, -230 and -240 only)						
	2-916709	2	Relay				
	916111	1	Screw #6-32 x 3/8				
5	(41-39804 only)						
	3-201628	2	Coil-Solenoid				
	(41-39804-220 only)						
	2-201628	2	Coil-Solenoid				
	(41-39804-230 only)						
	4-201628	2	Coil-Solenoid				
	(41-39804-240 only)						
	5-201628	2	Coil-Solenoid				
6	513210	2	Cable tie				
7	916728	2	Wrap it tie				
	918438	2	H.S.H.S. #8-32 x 7/8				
8	918770	8	Terminal-Ultra fast				
	918771	4	Suppressor-Arc /Surge				

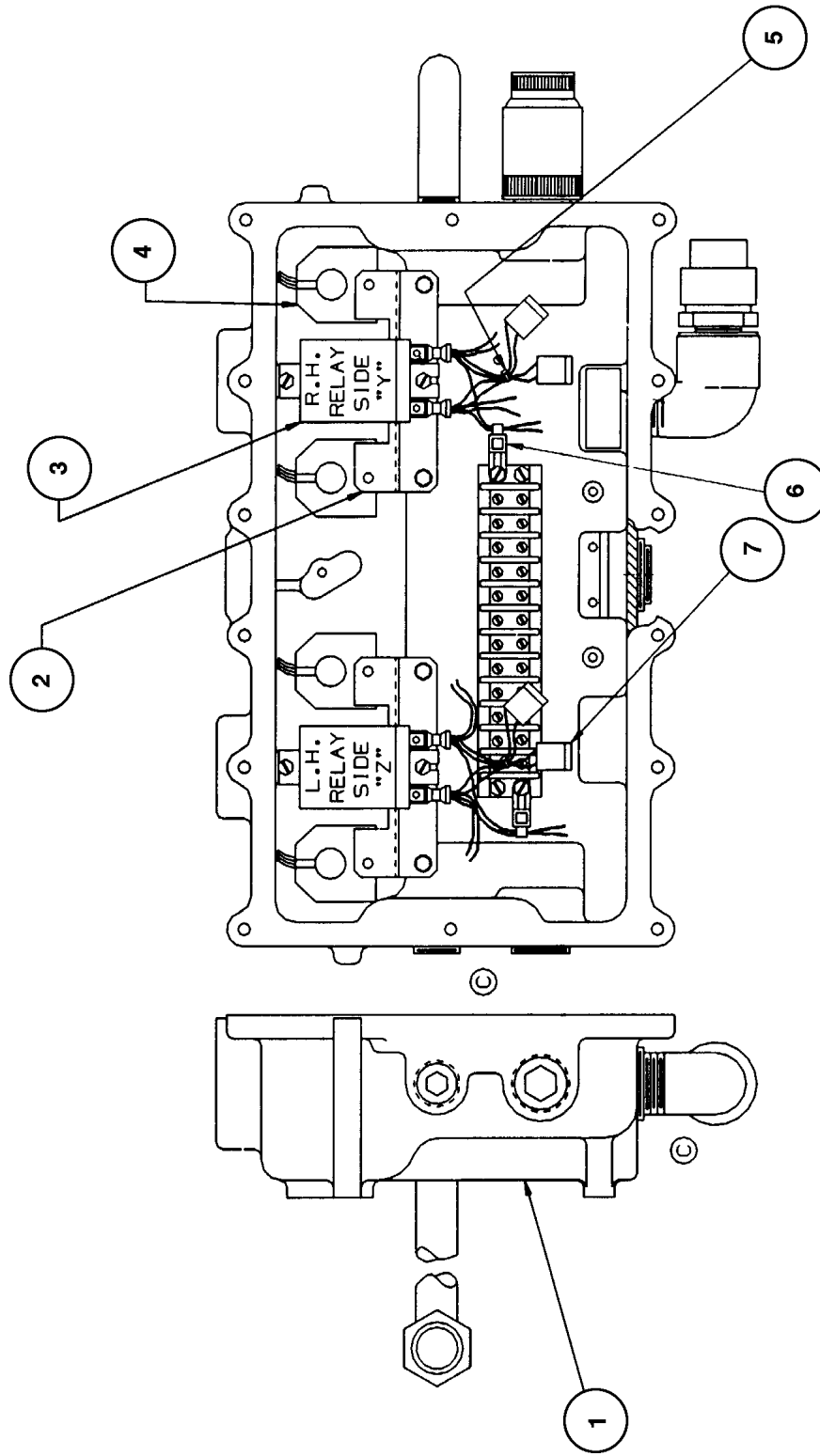


Figure 98. Junction Box Assembly 50-39804 and 50-39804-220, -230 and -240

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Table 98. Junction Box Assembly 50-39804 and 50-39804-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47096	1	Junction box				
	508772	1	Pipe plug 3/4				
	508919	1	Pipe plug 1/2				
	122265	1	Conduit union 1/2				
	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				
	4-124856	1	90° Elbow				
	904260	2	Conduit bushing				
	907425	1	Union-Expansion				
	300360	1	Conduit-Junction box				
	905438	1	Union-Conduit				
	513311	1	Conduit Bushing 3/4 x 1/2				
	508772	1	Pipe Plug 3/4 NPT				
2	1-129711	2	Bracket-Coil				
	2-916607	4	Taptite screw #8-32 x 3/8				
3	(50-39804 only)						
	1-916709	2	Relay				
	(50-39804-220, -230 and -240 only)						
	2-916709	2	Relay				
	916111	1	Screw #6-32 x 3/8				
4	(50-39804 only)						
	3-201628	2	Coil-Solenoid				
	(50-39804-220 only)						
	2-201628	2	Coil-Solenoid				
	(50-39804-230 only)						
	4-201628	2	Coil-Solenoid				
	(50-39804-240 only)						
	5-201628	2	Coil-Solenoid				
5	513210	2	Cable tie				
6	916728	2	Wrap it tie				
	918438	2	H.S.H.S. #8-32 x 7/8				
7	918770	8	Terminal-Ultra fast				
	918771	4	Suppressor-Arc /Surge				

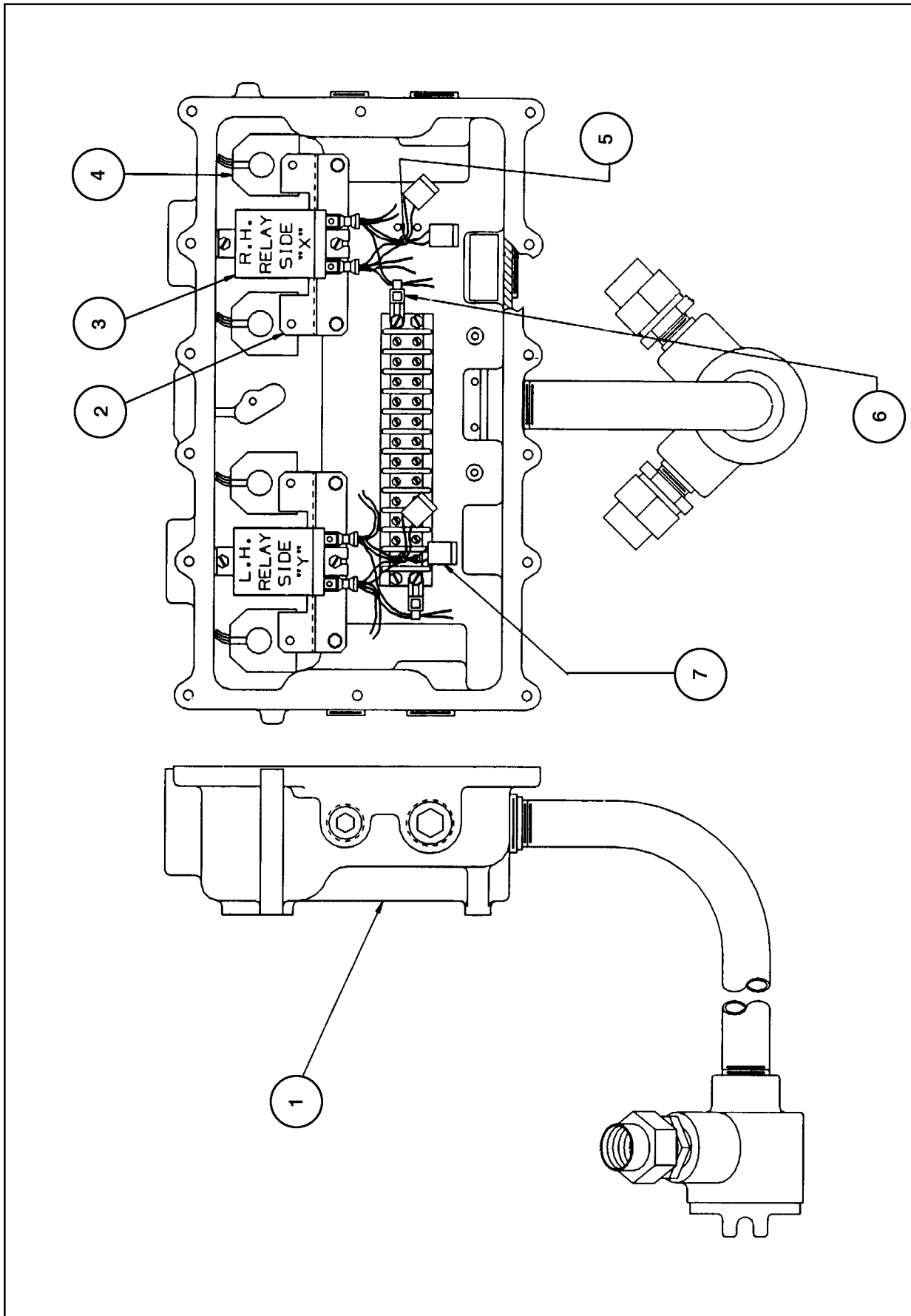


Figure 99. Junction Box Assembly 54-39804 and 54-39804-220, -230 and -240

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Table 99. Junction Box Assembly 54-39804 and 54-39804-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47096	1	Junction box				
	508772	2	Pipe plug 3/4				
	508919	2	Pipe plug 1/2				
	122265	2	Conduit union 1/2				
	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				
	904260	1	Conduit bushing				
	300396	1	Conduit-Junction box				
	918595	2	Conduit box & cover				
	513311	2	Conduit reducer 3/4 x 1/2				
	509655	1	Pipe Plug 1 NPT				
2	1-129711	2	Bracket-Coil				
	2-916607	4	Taptite screw #8-32 x 3/8				
3	(54-39804 only)						
	1-916709	2	Relay				
	(54-39804-220, -230 and -240 only)						
	2-916709	2	Relay				
	916111	4	Screw #6-32 x 3/8				
4	(54-39804 only)						
	3-201628	4	Coil-Solenoid				
	(54-39804-220 only)						
	2-201628	4	Coil-Solenoid				
	(54-39804-230 only)						
	4-201628	4	Coil-Solenoid				
	(54-39804-240 only)						
	5-201628	4	Coil-Solenoid				
5	513210	2	Cable tie				
6	916728	2	Wrap it tie				
	918438	2	H.S.H.S. #8-32 x 7/8				
7	918770	8	Terminal-Ultra fast				
	918771	4	Suppressor-Arc /Surge				

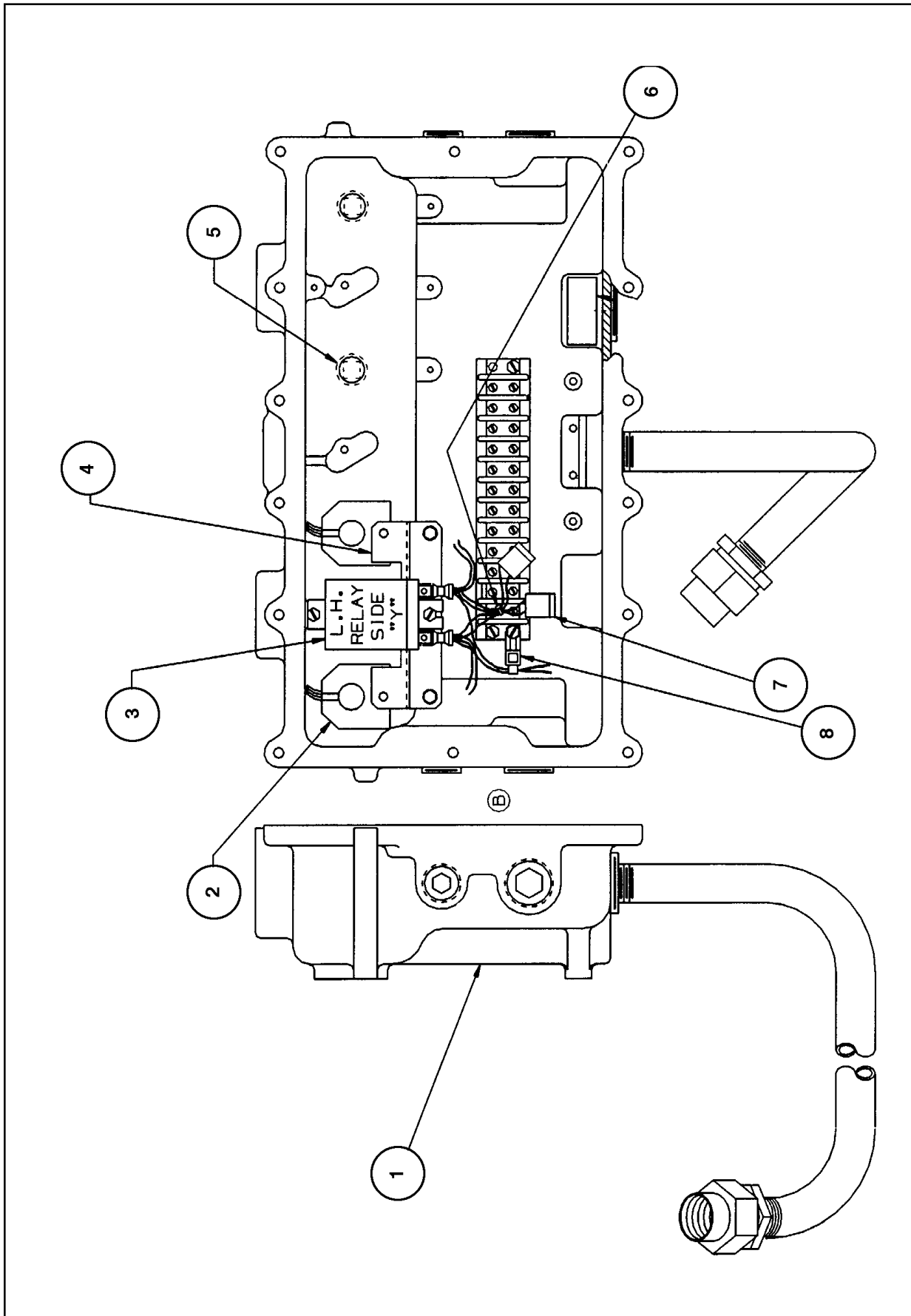


Figure 100. Junction Box Assembly 59-39804 and 59-39804-220, -230 and -240

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Table 100. Junction Box Assembly 59-39804 and 59-39804-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47096	1	Junction box				
	508772	2	Pipe plug 3/4				
	508919	2	Pipe plug 1/2				
	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				
	905990	1	Conduit bushing 1" x 1/2				
	905438	1	Conduit union				
	509655	1	Pipe plug (sq. head)				
	300458	1	Conduit-Junction box				
2	(59-39804 only)						
	3-201628	4	Coil-Solenoid				
	(59-39804-220 only)						
	2-201628	4	Coil-Solenoid				
	(59-39804-230 only)						
	4-201628	4	Coil-Solenoid				
	(59-39804-240 only)						
	5-201628	4	Coil-Solenoid				
3	(59-39804 only)						
	1-916709	1	Relay				
	(59-39804-220, -230 and -240 only)						
	2-916709	1	Relay				
	916111	2	Screw #6-32 x 3/8				
4	1-129711	1	Bracket-Coil				
	2-916607	2	Taptite screw #8-32 x 3/8				
5	512453	2	Pipe plug 3/8				
6	513210	1	Cable tie				
7	918770	4	Terminal-Ultra fast				
	918771	2	Suppressor-Arc /Surge				
8	916728	1	Wrap it tie				
	918438	1	H.S.H.S. #8-32 x 7/8				

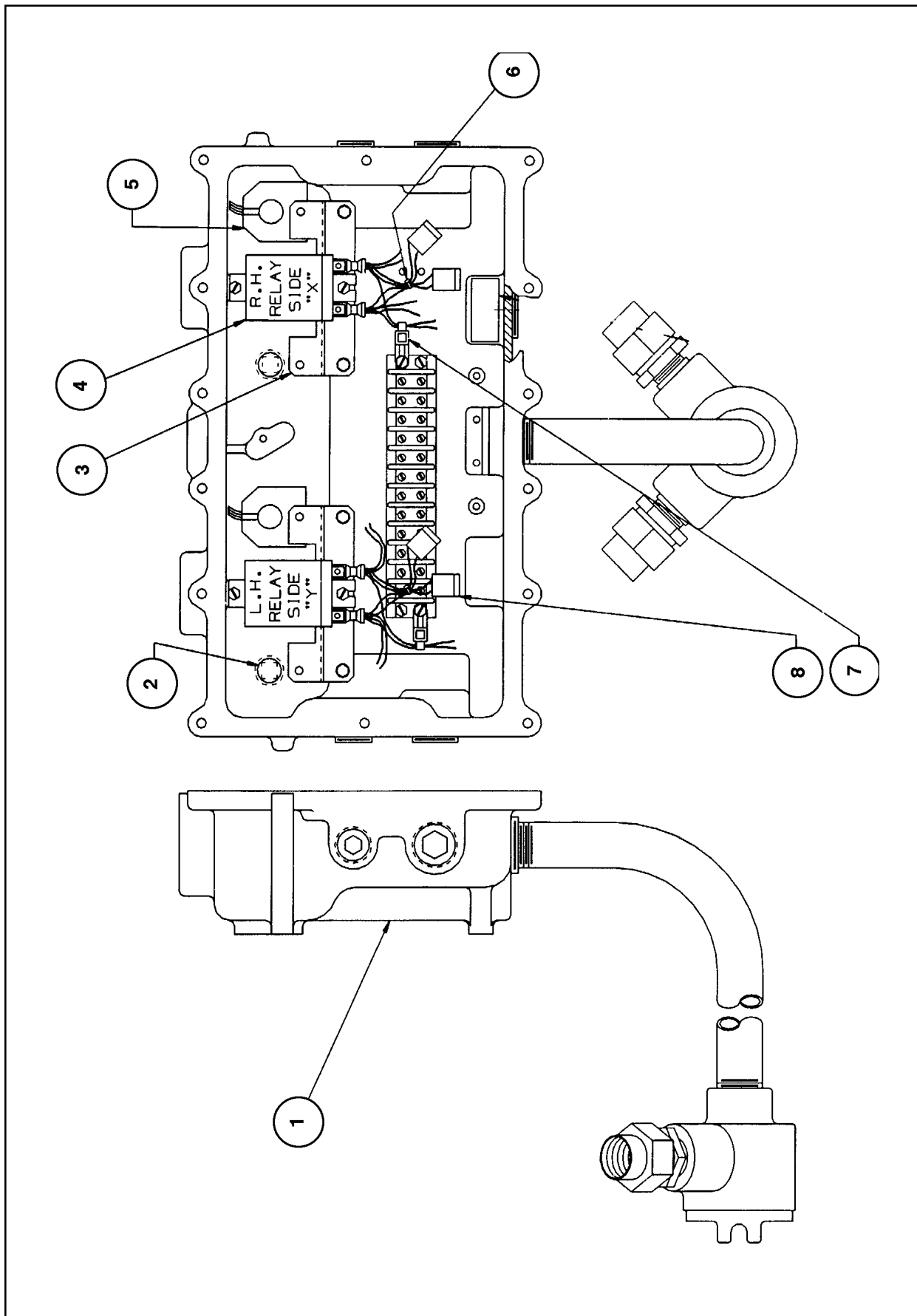


Figure 101. Junction Box Assembly 60-39804 and 60-39804-220, -230 and -240

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Table 101. Junction Box Assembly 60-39804 and 60-39804-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47096	1	Junction box				
	508772	2	Pipe plug 3/4				
	508919	2	Pipe plug 1/2				
	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				
	904260	1	Conduit bushing 1" x 1/2				
	300396	1	Conduit junction box				
	509655	1	Pipe plug (sq. head)				
	513311	2	Conduit reducer 3/4 x 1/2				
	122265	2	Conduit Union 1/2				
	918595	1	Conduit box & cover				
2	512453	2	Pipe plug 3/8				
3	1-129711	2	Bracket-Coil				
	2-916607	4	Taptite screw #8-32 x 3/8				
4	(60-39804 only)						
	1-916709	2	Relay				
	(60-39804-220, -230 and -240 only)						
	2-916709	2	Relay				
	916111	4	Screw #6-32 x 3/8				
5	(60-39804 only)						
	3-201628	2	Coil-Solenoid				
	(60-39804-220 only)						
	2-201628	2	Coil-Solenoid				
	(60-39804-230 only)						
	4-201628	2	Coil-Solenoid				
	(60-39804-240 only)						
	5-201628	2	Coil-Solenoid				
6	513210	2	Cable tie				
7	916728	2	Wrap it tie				
	918438	2	H.S.H.S. #8-32 x 7/8				
8	918770	8	Terminal-Ultra fast				
	918771	4	Suppressor-Arc /Surge				

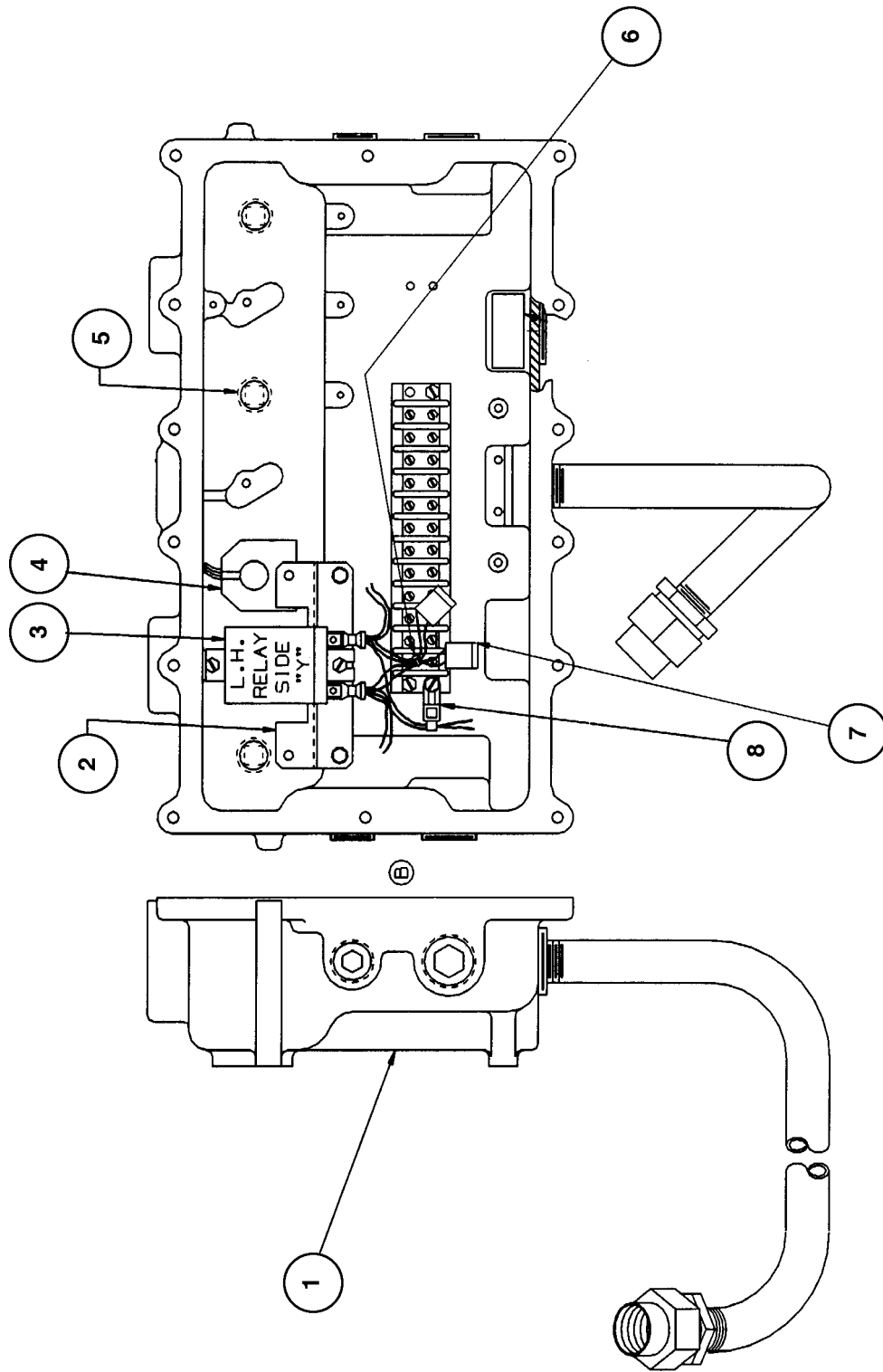


Figure 102. Junction Box Assembly 61-39804 and 61-39804-220, -230 and -240

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Table 102. Junction Box Assembly 61-39804 and 61-39804-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47096	1	Junction box				
	508772	2	Pipe plug 3/4				
	508919	2	Pipe plug 1/2				
	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				
	905990	1	Conduit bushing 1"				
	300458	1	Conduit junction box				
	509655	1	Pipe plug (sq. head)				
	905438	1	Conduit union 1/2				
2	1-129711	1	Bracket-Coil				
	2-916607	2	Taptite screw #8-32 x 3/8				
3	(61-39804 only)						
	1-916709	1	Relay				
	(61-39804-220, -230 and -240 only)						
	2-916709	1	Relay				
	916111	2	Screw #6-32 x 3/8				
4	(61-39804 only)						
	3-201628	1	Coil-Solenoid				
	(61-39804-220 only)						
	2-201628	1	Coil-Solenoid				
	(61-39804-230 only)						
	4-201628	1	Coil-Solenoid				
	(61-39804-240 only)						
	5-201628	1	Coil-Solenoid				
5	512453	3	Pipe plug 3/8				
6	513210	1	Cable tie				
7	918770	4	Terminal-Ultra fast				
	918771	2	Suppressor-Arc /Surge				
8	916728	1	Wrap it tie				
	918438	1	H.S.H.S. #8-32 x 7/8				

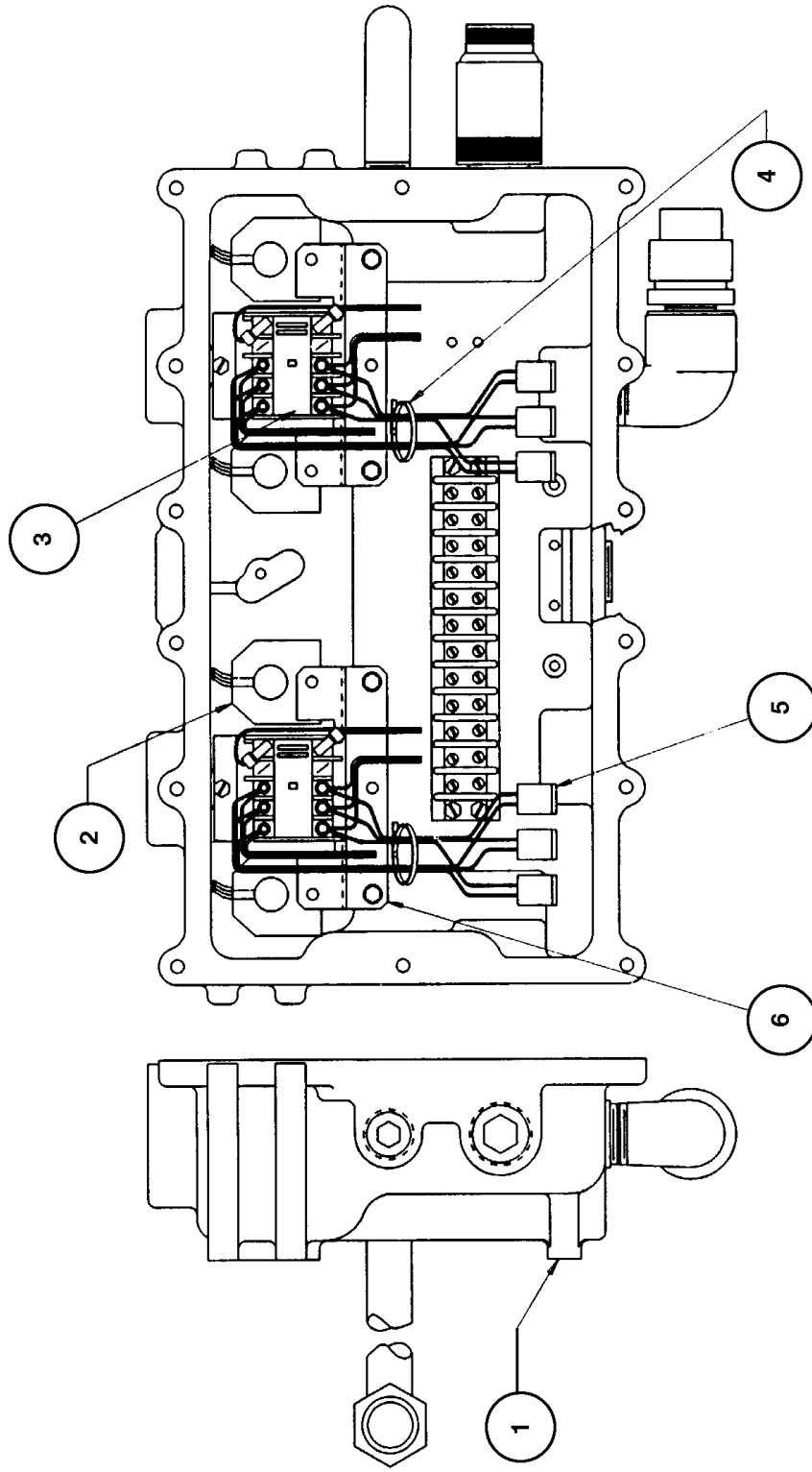


Figure 103. Junction Box Assembly 62-39804

Table 103. Junction Box Assembly 62-39804

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47096	1	Junction box				
	508772	2	Pipe plug 3/4				
	508919	1	Pipe plug 1/2				
	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				
	904260	1	Conduit bushing 1"				
	300360	1	Conduit junction box				
	905438	1	Conduit union 1/2				
	907425	1	Union-Expansion 3/4				
	4-124856	1	Elbow 90° 3/4				
	513311	1	Conduit Bushing 1 x 3/4				
	122265	1	Conduit union 1/2				
2	2-201628	4	Coil-Solenoid				
3	918090	2	Relay				
	916111	2	Screw #6-32 x 3/8				
	129800	2	Relay mounting bracket				
	918137	4	PH.P.H.S. #8-32 x 1/2				
	507868	4	Hex Nut #8-32				
	903475	4	Lockwasher #8				
4	513210	2	Cable tie				
5	918770	12	Terminal-Ultra fast				
	918771	6	Suppressor-Arc /Surge				
6	1-129711	2	Bracket-Coil				
	2-916607	4	H.W.H.S. #8-32 x 3/8				

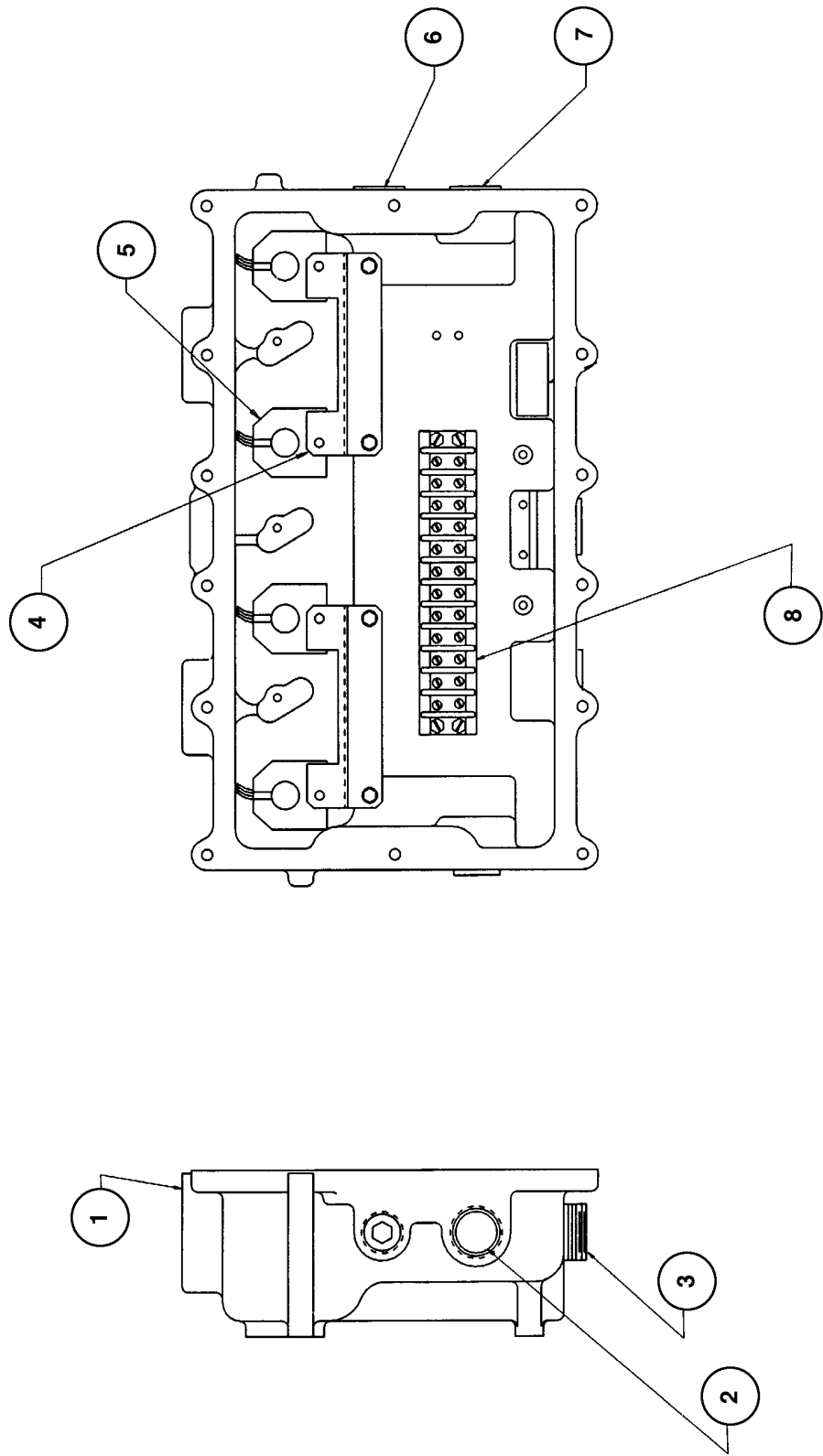


Figure 104. Junction Box Assembly 68-39804 and 68-39804-220, -230 and -240

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Table 104. Junction Box Assembly 68-39804 and 68-39804-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	47096	1	Junction box				
2	513311	1	Conduit Bushing 1 x 3/4				
3	509655	1	Pipe plug 1				
4	1-129711	2	Bracket-Coil				
	2-916607	4	H.W.H.S. #8-32 x 3/8				
5	(68-39804 only)						
	3-201628	4	Coil-Solenoid				
	(68-39804-220 only)						
	2-201628	4	Coil-Solenoid				
	(68-39804-230 only)						
	4-201628	4	Coil-Solenoid				
	(68-39804-240 only)						
	5-201628	4	Coil-Solenoid				
6	508919	2	Pipe plug 1/2				
7	508772	1	Pipe plug 3/4				
8	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				

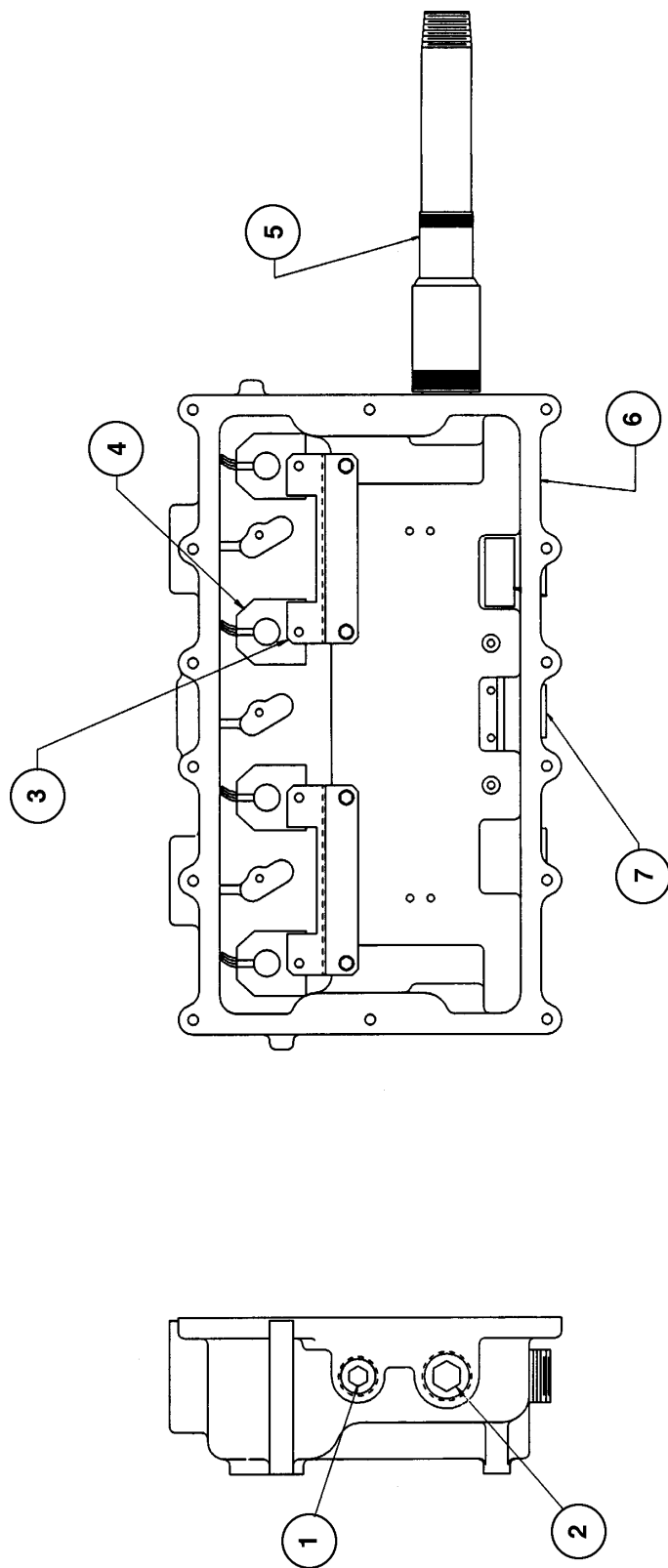


Figure 105. Junction Box Assembly 69-39804 and 69-39804-220, -230 and -240

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Table 105. Junction Box Assembly 69-39804 and 69-39804-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	508919	2	Pipe plug 1/2				
2	508772	2	Pipe plug 3/4				
3	1-129711	2	Bracket-Coil				
4	(69-39804 only)						
	3-201628	4	Coil-Solenoid				
	(69-39804-220 only)						
	2-201628	4	Coil-Solenoid				
	(69-39804-230 only)						
	4-201628	4	Coil-Solenoid				
	(69-39804-240 only)						
	5-201628	4	Coil-Solenoid				
5	4-128005-750	1	Nipple				
	907906	1	Union				
	513311	1	Bushing				
6	47096	1	Junction box				
7	509655	1	Pipe plug 1				

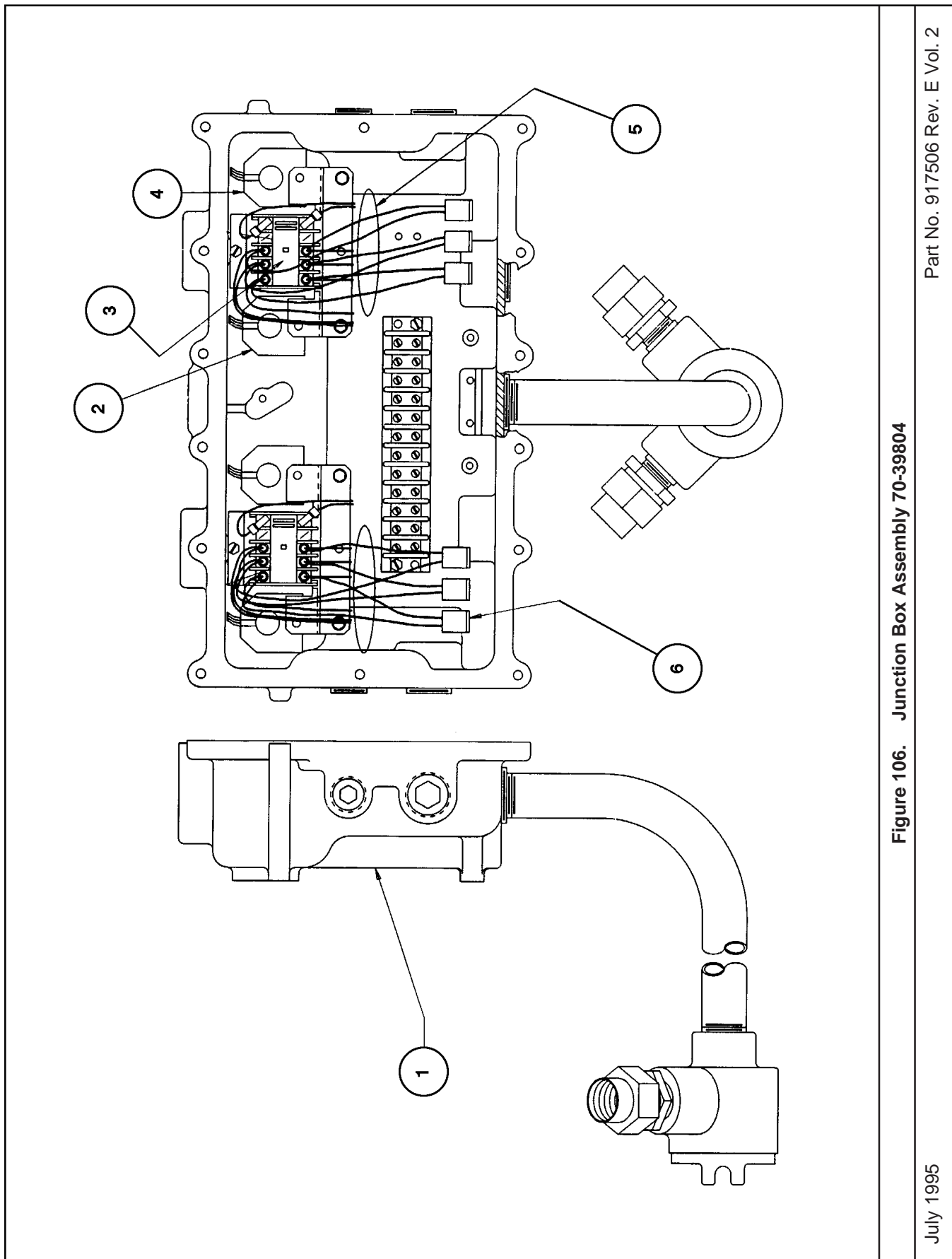


Figure 106. Junction Box Assembly 70-39804

Table 106. Junction Box Assembly 70-39804

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47096	1	Junction box				
	508772	2	Pipe plug 3/4				
	508919	2	Pipe plug 1/2				
	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				
	904260	1	Conduit bushing 1"				
	300396	1	Conduit junction box				
	122265	2	Conduit union 1/2				
	918595	1	Conduit box and cover				
	513311	2	Conduit reducer 3/4 x 1/2				
	122265	1	Conduit union 1/2				
	509655	1	Pipe plug 1				
2	1-129711	2	Bracket-Coil				
	2-916607	4	H.W.H.S. #8-32 x 3/8				
3	918090	2	Relay				
	916111	2	Screw #6-32 x 3/8				
	129800	2	Relay mounting bracket				
	918137	4	PH.P.H.S. #8-32 x 1/2				
	507868	4	Hex Nut #8-32				
	903475	4	Lockwasher #8				
4	2-201628	4	Coil-Solenoid				
5	513210	2	Cable tie				
6	918770	12	Terminal-Ultra fast				
	918771	6	Suppressor-Arc /Surge				

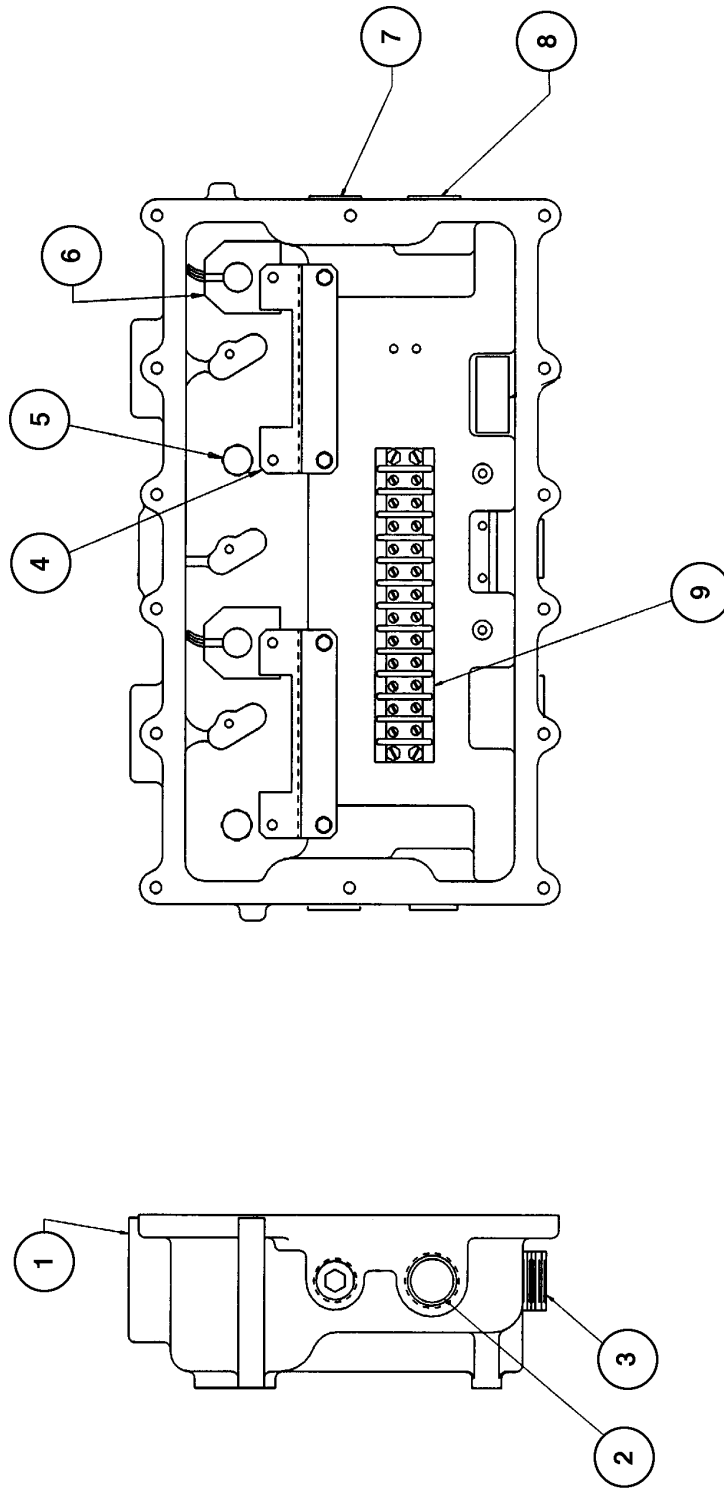


Figure 107. Junction Box Assembly 74-39804 and 74-39804-220

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Table 107. Junction Box Assembly 74-39804 and 74-39804-220

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	47096	1	Junction box				
2	513311	1	Conduit Bushing				
3	509655	2	Pipe plug 1				
4	1-129711	2	Bracket-Coil				
	2-916607	4	H.W.H.S. #8-32 x 3/8				
5	512453	1	Pipe plug 3/8				
6	(74-39804 only)						
	3-201628	2	Coil-Solenoid				
	(74-39804-220 only)						
	2-201628	2	Coil-Solenoid				
7	508919	2	Pipe plug 1/2				
8	508772	1	Pipe plug 3/4				
9	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				

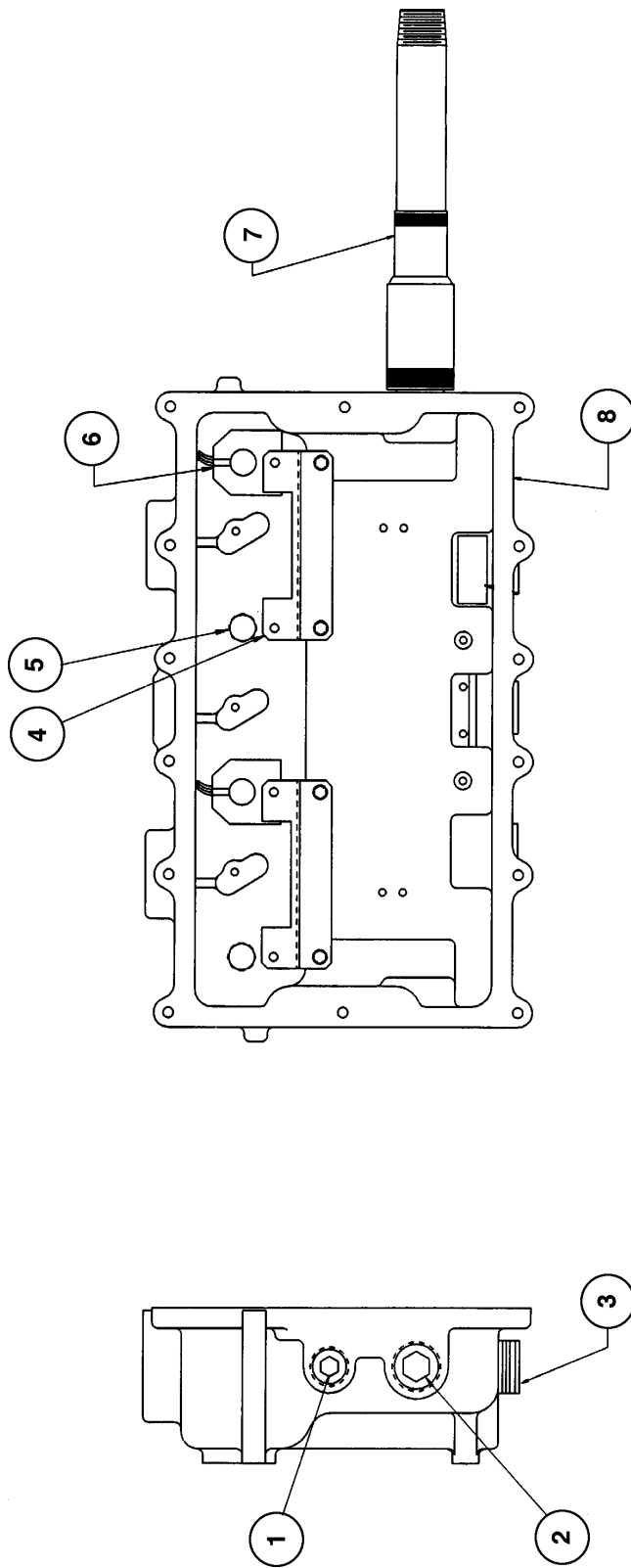


Figure 108. Junction Box Assembly 75-39804 and 75-39804-220

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Table 108. Junction Box Assembly 75-39804 and 75-39804-220

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	508919	2	Pipe plug 1/2				
2	508772	2	Pipe plug 3/4				
3	509655	1	Pipe plug 1				
4	1-129711	2	Bracket-Coil				
	2-916607	4	H.W.H.S. #8-32 x 3/8				
5	512453	2	Pipe plug 3/8				
6	(75-39804 only)						
	3-201628	4	Coil-Solenoid				
	(75-39804-220 only)						
	2-201628	4	Coil-Solenoid				
7	4-128005-750	1	Nipple				
	907906	1	Union				
	513311	1	Bushing				
8	47096	1	Junction box				

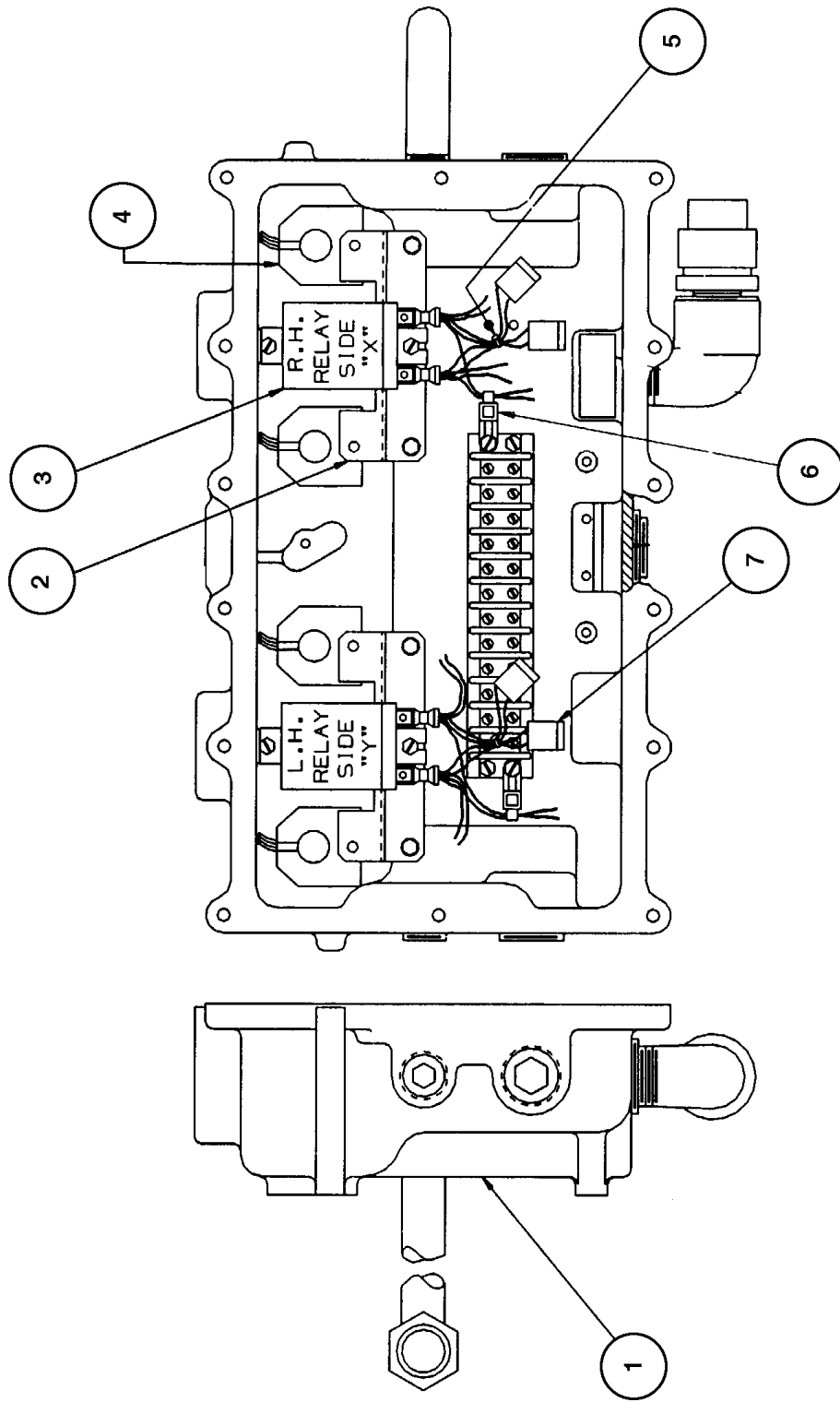


Figure 109. Junction Box Assembly 76-39804 and 76-39804-220, -230 and -240

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Table 109. Junction Box Assembly 76-39804 and 76-39804-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47096	1	Junction box				
	508772	3	Pipe plug 3/4				
	508919	1	Pipe plug 1/2				
	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				
	904260	1	Conduit bushing 1 x 3/4				
	300360	1	Conduit junction box				
	122265	1	Conduit union 1/2				
	513311	1	Conduit bushing 3/4 x 1/2				
	905438	1	Union 1/2				
	4-124856	1	90° Elbow 3/4				
2	1-129711	2	Bracket-Coil				
	2-916607	4	H.W.H.S. #8-32 x 3/8				
3	(76-39804 only)						
	1-916709	2	Relay				
	(76-39804-220, -230 and -240 only)						
	2-916709	2	Relay				
	916111	4	Screw #6-32 x 3/8				
4	(76-39804 only)						
	3-201628	4	Coil-Solenoid				
	(76-39804-220 only)						
	2-201628	4	Coil-Solenoid				
	(76-39804-230 only)						
	4-201628	4	Coil-Solenoid				
	(76-39804-240 only)						
	5-201628	4	Coil-Solenoid				
5	513210	2	Cable tie				
6	916728	2	Wrap it tie				
	918438	2	H.S.H.S. #8-32 x 7/8				
7	918770	8	Terminal-Ultra fast				
	918771	4	Suppressor-Arc /Surge				

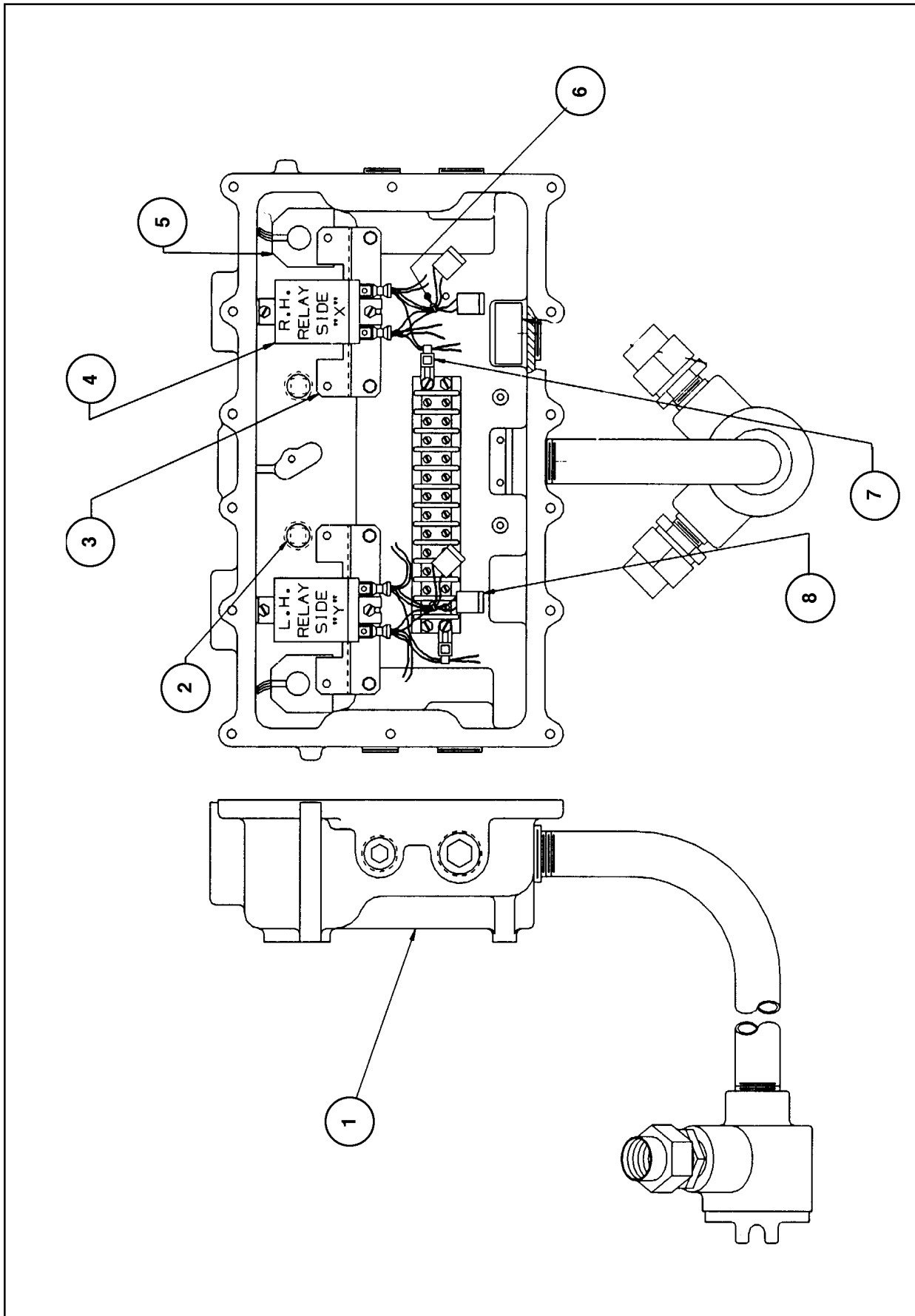


Figure 110. Junction Box Assembly 81-39804 and 81-39804-220, -230 and -240

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Table 110. Junction Box Assembly 81-39804 and 81-39804-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	4-47096	1	Junction box				
	508772	2	Pipe plug 3/4				
	508919	2	Pipe plug 1/2				
	916574	1	Terminal strip				
	916576	1	Marker strip				
	916956	2	Screw #8-32 x 3/4				
	904260	1	Conduit bushing 1 x 3/4				
	300396	1	Conduit junction box				
	122265	2	Conduit union 1/2				
	513311	2	Conduit reducer 3/4 x 1/2				
	918595	1	Conduit box and cover				
	509655	1	Pipe plug 1				
	4-124856	1	90° Elbow 3/4				
2	512453	2	Pipe plug 3/8				
3	1-129711	2	Bracket-Coil				
	2-916607	4	H.W.H.S. #8-32 x 3/8				
4	(81-39804 only)						
	1-916709	2	Relay				
	(81-39804-220, -230 and -240 only)						
	2-916709	2	Relay				
	916111	4	Screw #6-32 x 3/8				
5	(81-39804 only)						
	3-201628	4	Coil-Solenoid				
	(81-39804-220 only)						
	2-201628	4	Coil-Solenoid				
	(81-39804-230 only)						
	4-201628	4	Coil-Solenoid				
	(81-39804-240 only)						
	5-201628	4	Coil-Solenoid				
6	513210	2	Cable tie				
7	916728	2	Wrap it tie				
	918438	2	H.S.H.S. #8-32 x 7/8				
8	918770	8	Terminal-Ultra fast				
	918771	4	Suppressor-Arc /Surge				

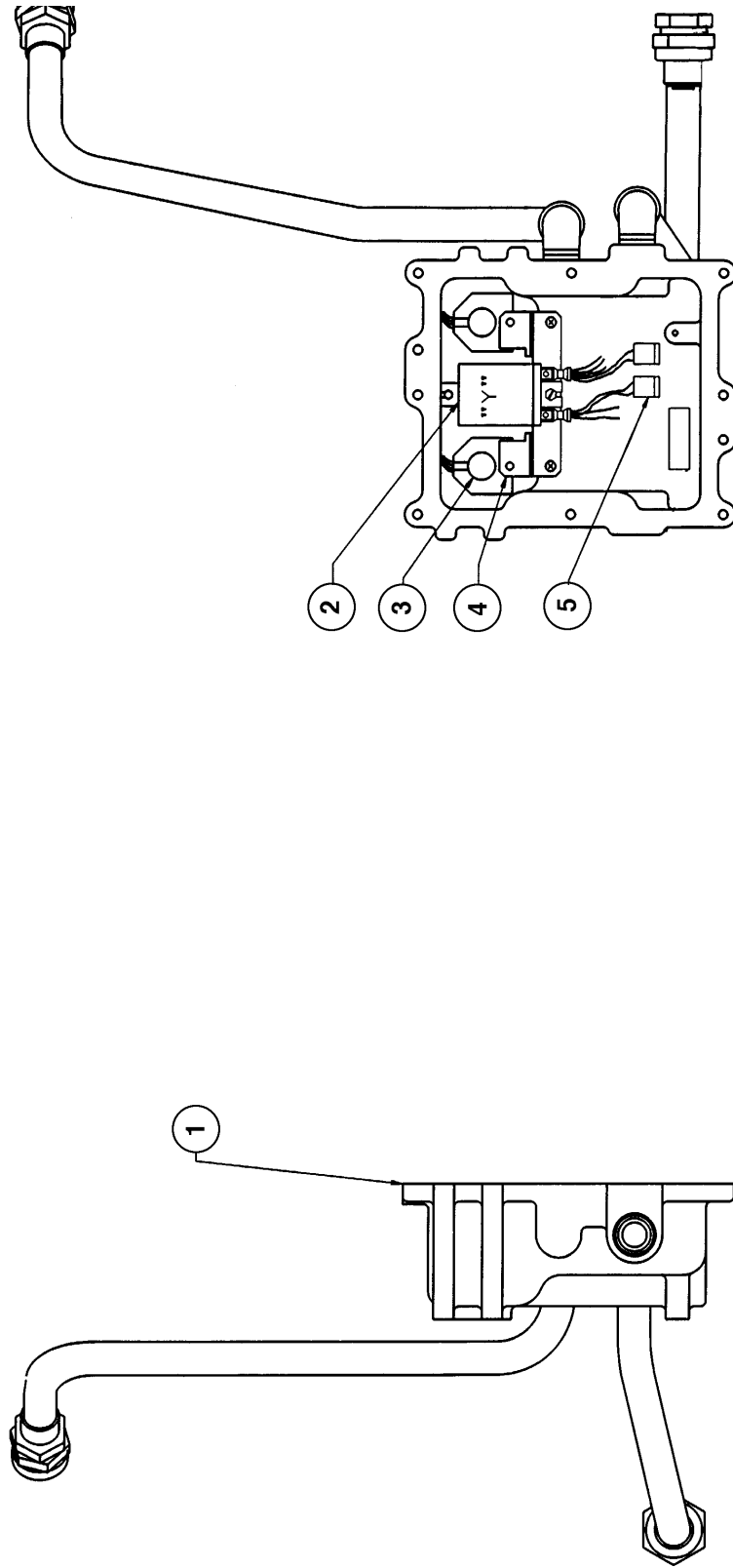


Figure 111. Junction Box Assembly 300116 and 300116-220, -230 and -240

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Table 111. Junction Box Assembly 300116 and 300116-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	47445	1	Junction box				
	39997	1	Conduit-Motor (R upper)				
	39998	1	Conduit-Motor (R lower)				
	905438	2	Conduit union 1/2				
	1-124856	2	Elbow 90 degree				
2	(300116 only)						
	1-916709	1	Relay				
	(300116-220, -230 and -240 only)						
	2-916709	1	Relay				
	916111	2	Screw #6-32 x 3/8				
3	(300116 only)						
	3-201628	2	Coil-Solenoid				
	(300116-220 only)						
	2-201628	2	Coil-Solenoid				
	(300116-230 only)						
	4-201628	2	Coil-Solenoid				
	(300116-240 only)						
	5-201628	2	Coil-Solenoid				
4	1-129711	1	Bracket-Coil				
	2-916607	2	Taptite screw #8-32 x 3/8				
5	918771	2	Suppressor-Arc surge				
	918770	4	Terminal-Ultra fast				

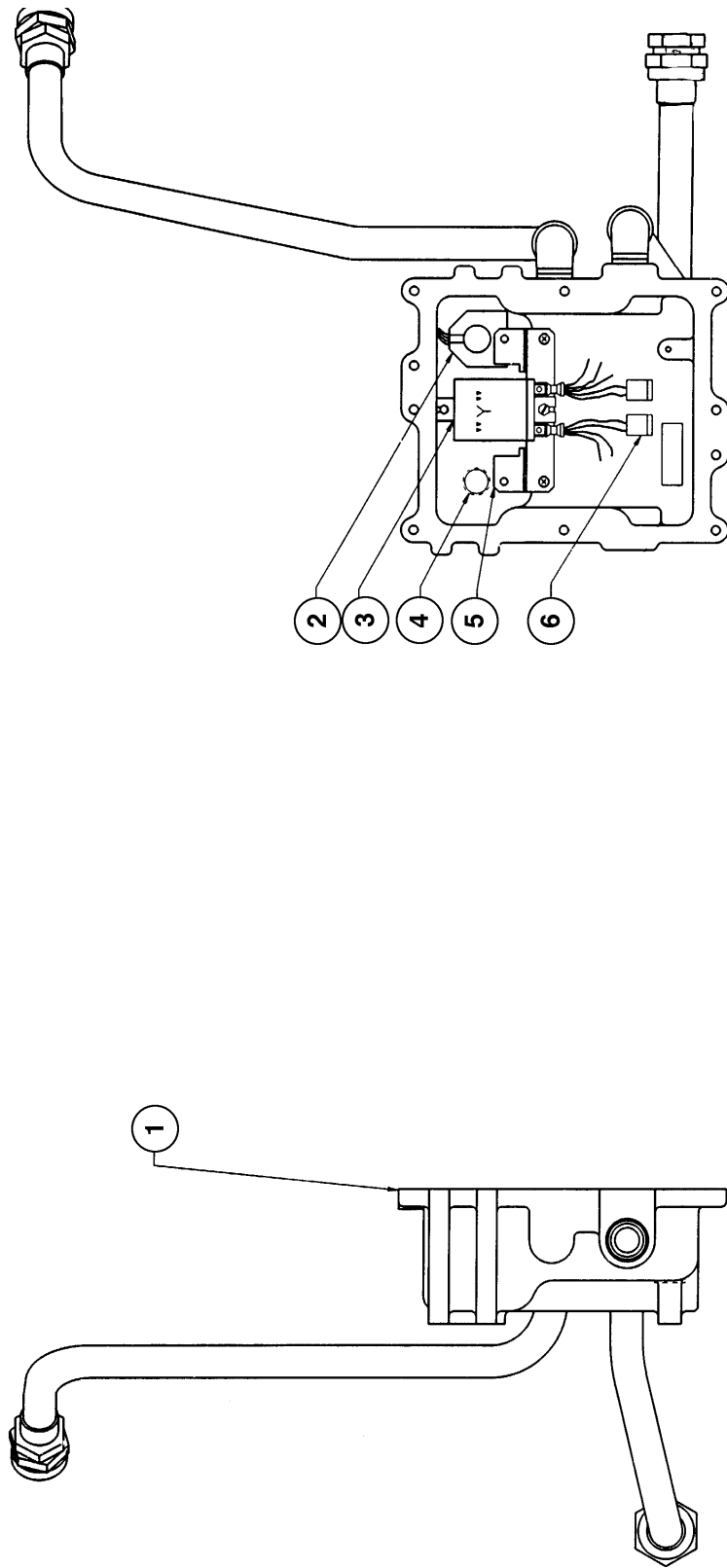


Figure 112. Junction Box Assembly 3-300116

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Table 112. Junction Box Assembly 3-300116

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	47445	1	Junction box				
	39997	1	Conduit-Motor (R upper)				
	39998	1	Conduit-Motor (R lower)				
	905438	2	Conduit union 1/2				
	1-124856	2	Elbow 90 degree				
2	3-201628	1	Coil-Solenoid				
3	1-916709	1	Relay-3 Pole				
	916111	2	Screw #6-32 x 3/8				
4	512453	1	Pipe plug 3/8 NPT				
5	1-129711	1	Bracket-Coil				
	2-916607	2	Taptite screw #8-32 x 3/8				
6	918771	2	Suppressor-Arc surge				
	918770	4	Terminal-Ultra fast				

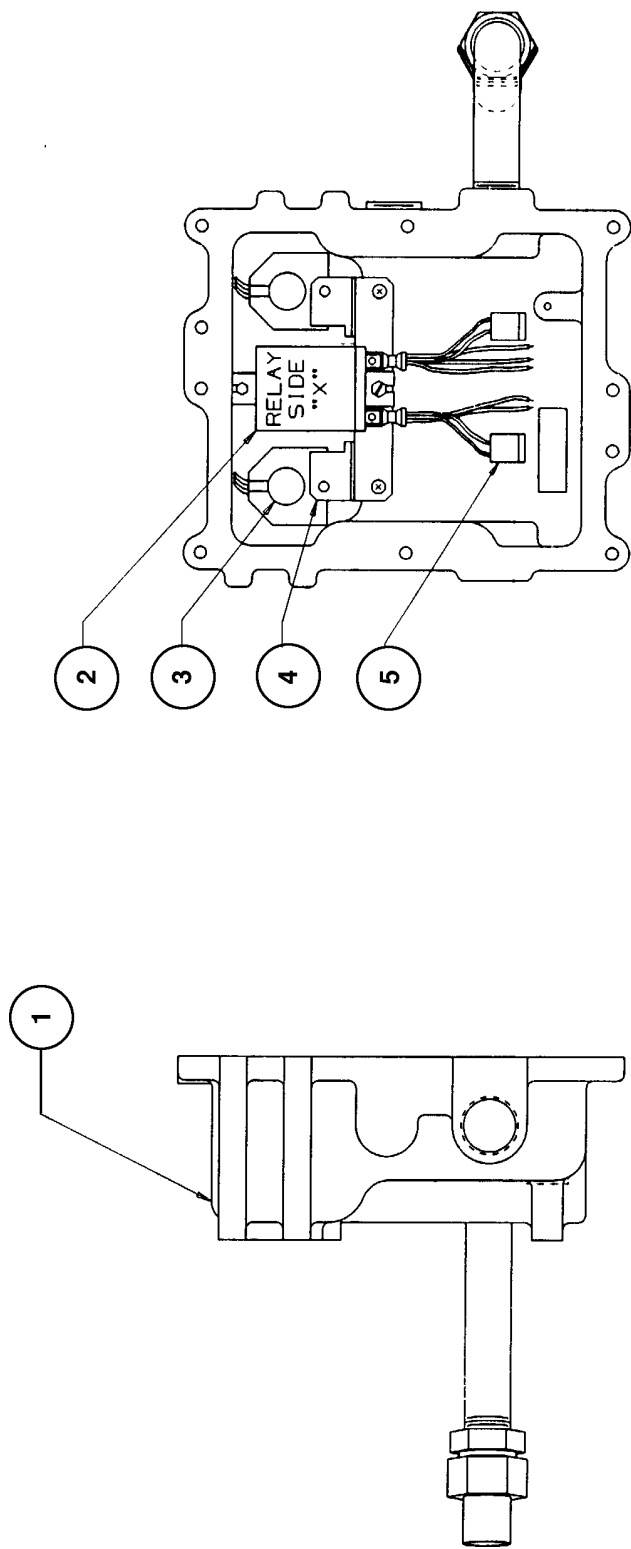


Figure 113. Junction Box Assembly 5-300116 and 5-300116-220, -230 and -240

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Table 113. Junction Box Assembly 5-300116 and 5-300116-220, -230 and -240

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	47445	1	Junction box				
	300363	1	Conduit-Junction box (Small)				
	508919	1	Pipeplug 1/2 NPT				
	905438	2	Conduit union 1/2				
2	(5-300116 only)						
	3-201628	1	Coil-Solenoid				
	(5-300116-220 only)						
	2-201628	1	Coil-Solenoid				
	(5-300116-230 only)						
	4-201628	1	Coil-Solenoid				
	(5-300116-240 only)						
	5-201628	1	Coil-Solenoid				
3	(5-300116 only)						
	1-916709	1	Relay-3 Pole				
	916111	2	Screw #6-32 x 3/8				
	(5-300116-220, -230 and -240 only)						
	2-916709	1	Relay-3 Pole				
	916111	2	Screw #6-32 x 3/8				
4	1-129711	1	Bracket-Coil				
	2-916607	2	Taptite screw #8-32 x 3/8				
5	918771	2	Suppressor-Arc surge				
	918770	4	Terminal-Ultra fast				

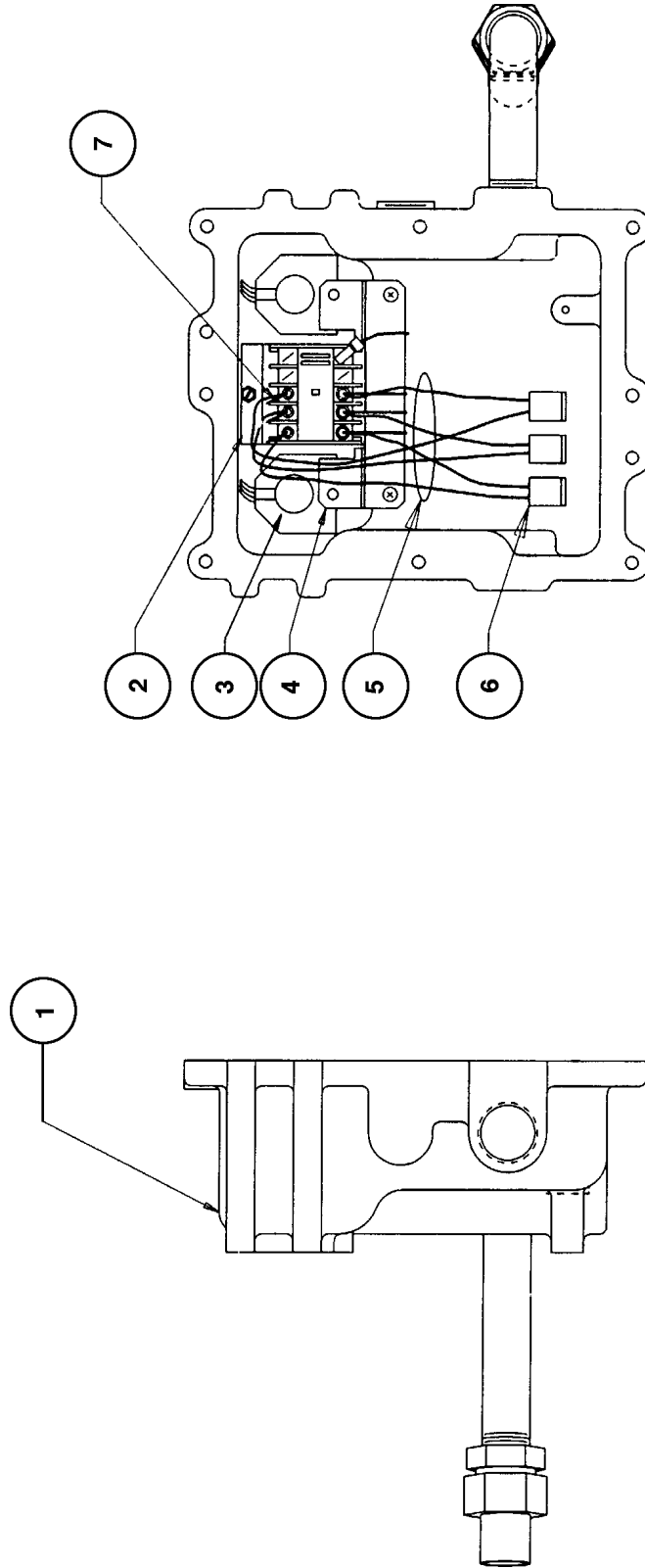


Figure 114. Junction Box Assembly 6-300116

Table 114. Junction Box Assembly 6-300116

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	47445	1	Junction box				
	300363	1	Conduit-Junction box (Small)				
	508919	1	Pipeplug 1/2 NPT				
	905438	1	Conduit union 1/2				
2	918090	1	Relay				
	916111	1	Sl.H.H.S. #6-32 x 3/8				
	129800	1	Bracket-Relay mounting				
	918137	2	Ph.P.H.S. #8-32 x 1/2				
	903475	2	Lockwasher #8				
	507868	2	Hex nut #8-32				
3	2-201628	2	Coil-Solenoid				
4	1-129711	1	Bracket-Coil				
	2-916607	2	Taptite screw #8-32 x 3/8				
5	918770	3	Terminal-Ultra fast				
	918771	3	Suppressor-Arc surge				
	918772	3	Terminal-Ultra fast				

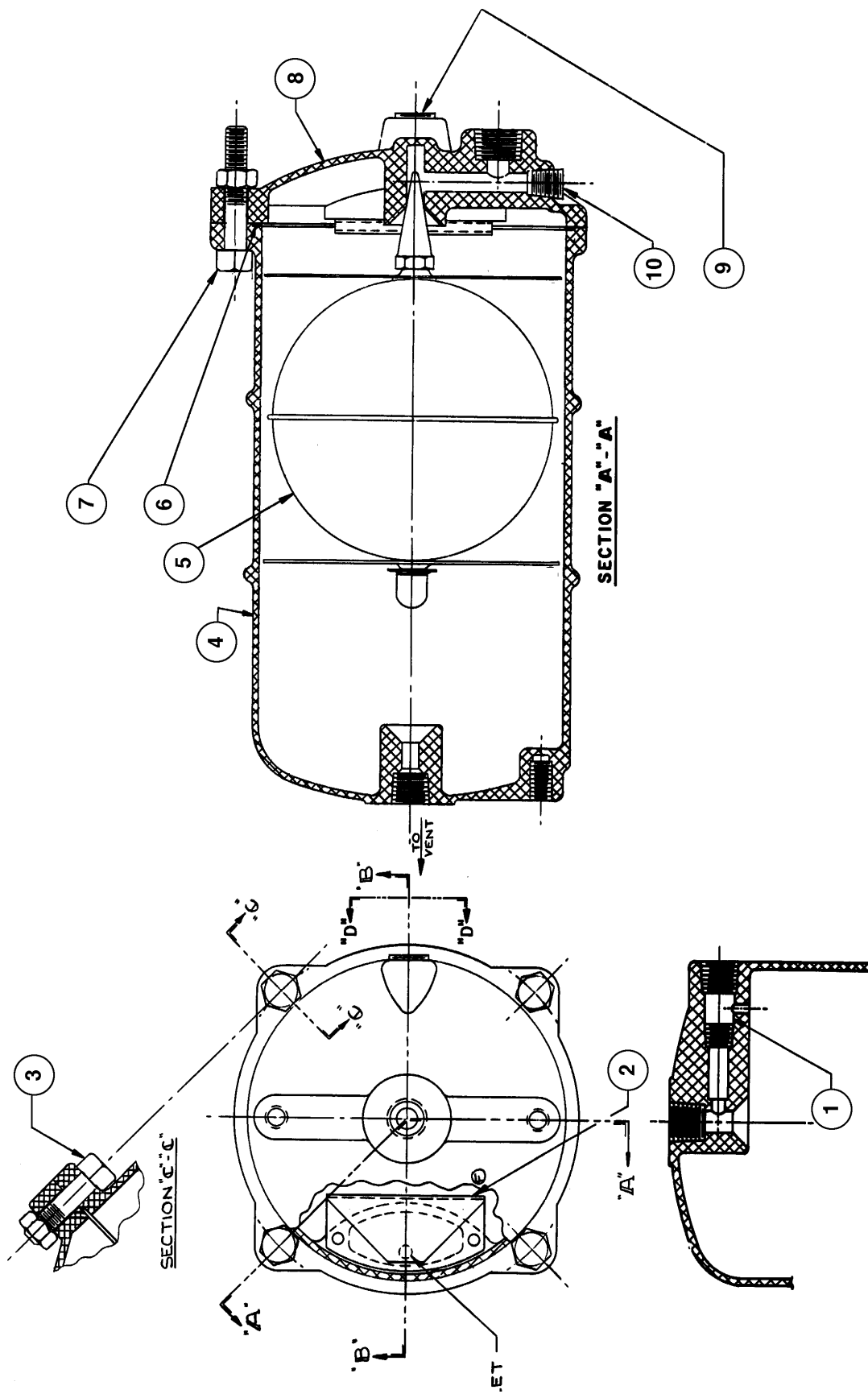


Figure 115. Safety Sump Assembly 3 and 10-38556

Table 115. Safety Sump Assembly 3 and 10-38556

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	127358	1	Relief valve Ass'y				
2	(3-38556 only)						
	2-128072	1	Baffle plate				
	511721	2	Drive screw #2 x 1/4				
	(10-38556 only)						
	3-128072	1	Baffle plate				
	511721	2	Drive screw #2 x 1/4				
3	509584	2	Hex nut 5/16-18				
	507286	2	H.H.C. screw 5/16-18 x 1 1/4				
4	(3-38556 only)						
	38555	1	Body				
	(10-38556 only)						
	2-38555	1	Body				
5	(3-38556 only)						
	200375	1	Float Ass'y				
	(10-38556 only)						
	2-200375	1	Float Ass'y				
6	(3-38556 only)						
	1-200376	1	Seal ring				
	(10-38556 only)						
	4-200376	1	Seal ring				
7	511491	2	H.H.C. screw 5/16-18 x 1 3/4				
	509584	2	Hex nut 5/16-18				
8	2-38554	1	Base				
9	512353	2	Pipe plug Allen Hd. 1/4				
10	512431	1	Pipe plug 1/8				

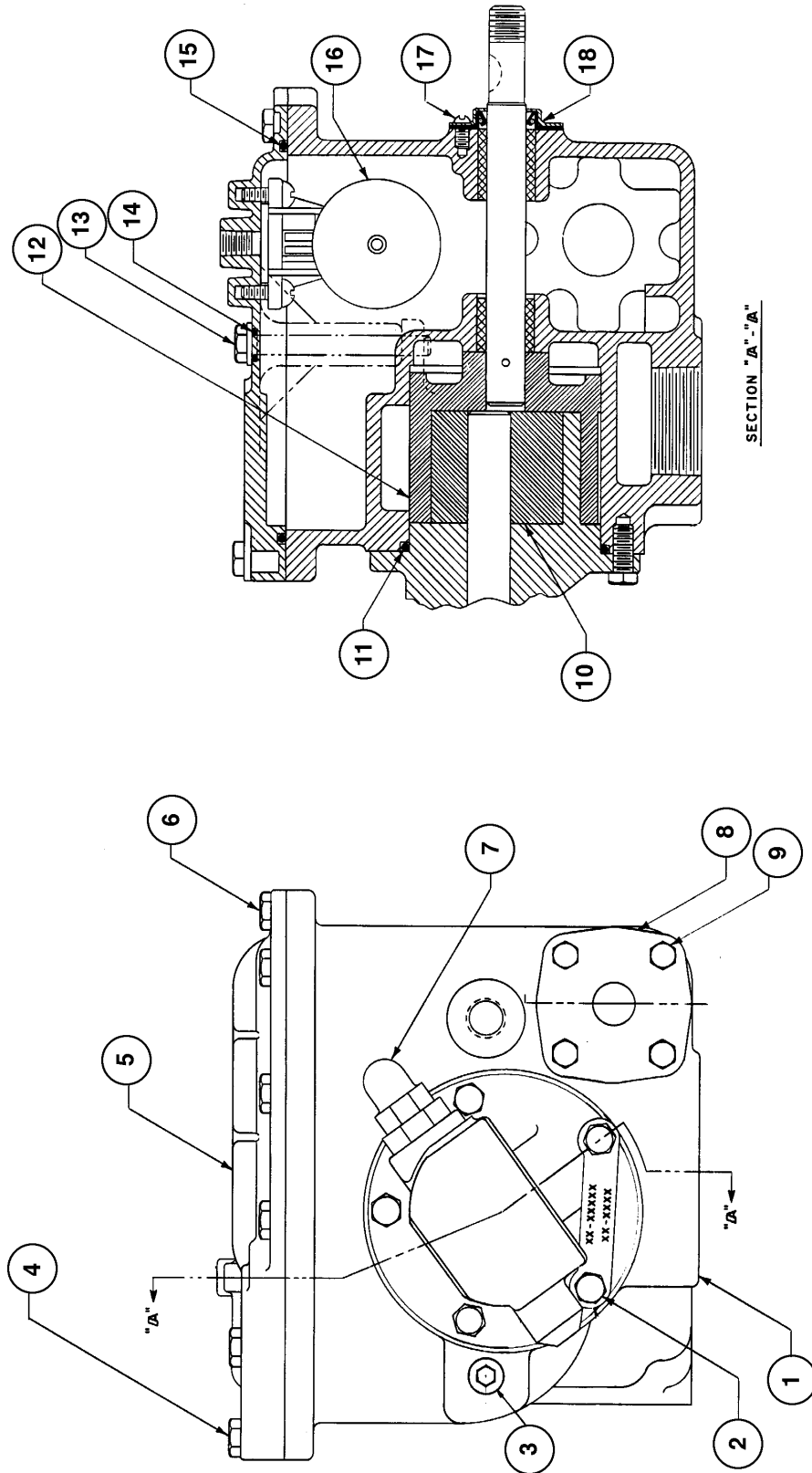


Figure 116. Compact Pumping Unit Assembly 23 and 39-44059

Table 116. Compact Pumping Unit Assembly 23 and 39-44059

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	8-44051	1	Housing	16	(23-44059 only)		
2	511096	5	H.H.C. screw 5/16-18 x 7/8	2-28393	1	Float valve and seat	
3	512453	1	Plug Hex Soc. HD. 3/8	511396	2	F.H.M. screw 1/4-20 x 3/4	
4	507286	2	H.H.C. screw 5/16-18 x 1-1/4	(39-44059 only)			
5	(23-44059 only)			4-28393	1	Float valve and seat	
	2-44048	1	Cover	511396	2	F.H.M. screw 1/4-20 x 3/4	
	(39-44059 only)			17	507390	3	R.H.M. screw #10-24 x 5/16
	4-44048	1	Cover	18	3-121701	1	Lip seal
6	507284	14	H.H.C. screw 5/16-18 x 3/4				
7	(23-44059 only)						
	23-200129	1	Relief valve				
	(39-44059 only)						
	24-200129	1	Relief valve				
8	(23-44059 only)						
	28049	1	Strainer & cover				
	(39-44059 only)						
	3-28049	1	Strainer & cover				
	118869	1	Gasket				
9	507295	4	H.H.C. screw 1/4-20 x 3/4				
10	3-29763	1	Idler				
11	(23-44059 only)						
	118864	1	"O" Ring				
	(39-44059 only)						
	3-118864	1	"O" Ring				
12	28695	1	Rotor & shaft				
13	513219	1	H.H.C. screw 3/8-16 x 3"				
14	(23-44059 only)						
	905403	1	"O" Ring				
	(39-44059 only)						
	3-905403	1	"O" Ring				
15	(23-44059 only)						
	126874	1	"O" Ring				
	(39-44059 only)						
	3-126874	1	"O" Ring				

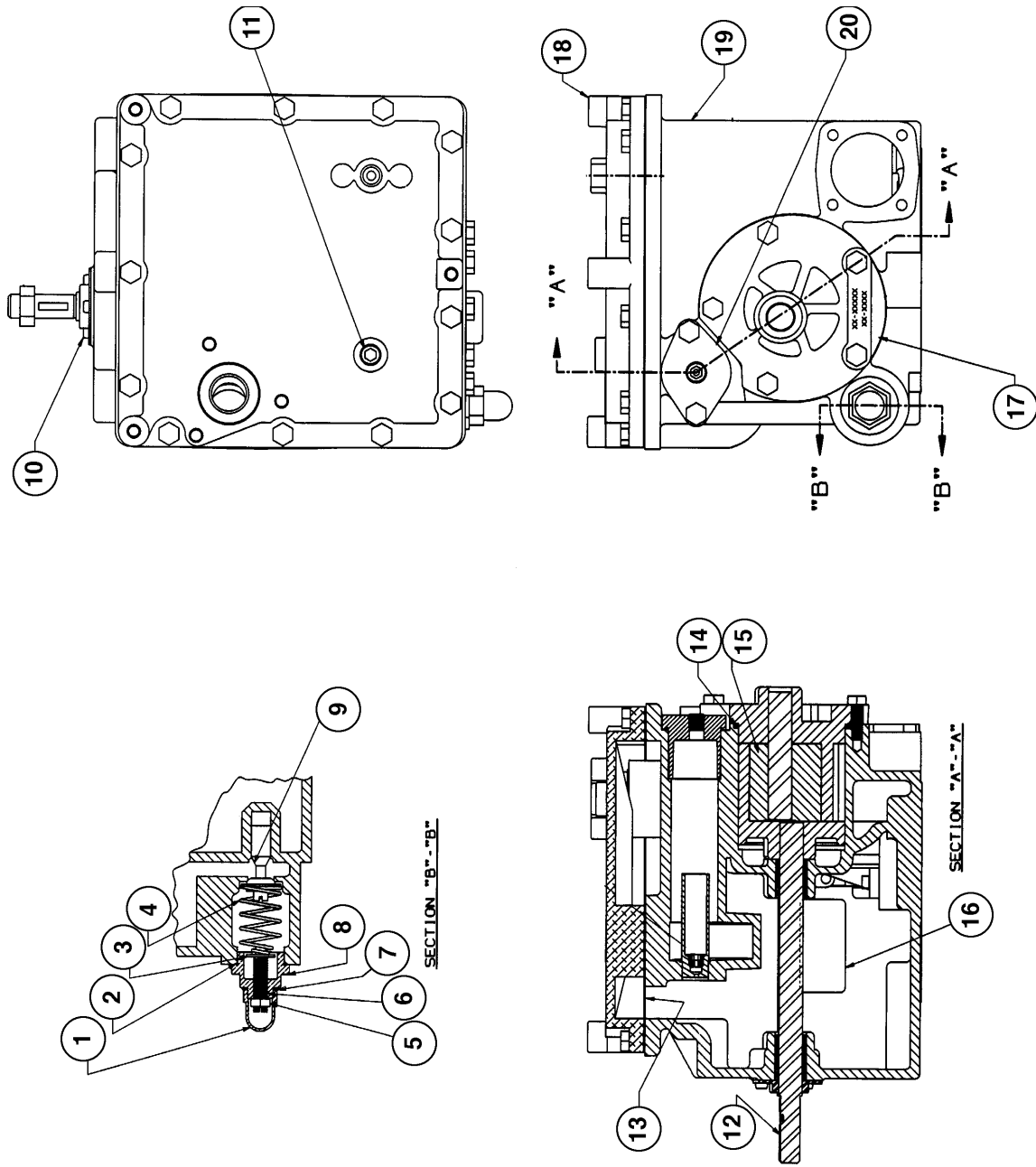


Figure 117. Compact Pumping Unit Assembly (New) 4 and 5-47579

Table 117. Compact Pumping Unit Assembly (New) 4 and 5-47579

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3-118877	1	Relief valve seal cap	18	47575	1	Cover
2	2-905871	1	“O” Ring		918621	13	H.H.C. screw
3	(4-47579 only) 118857	1	Washer	19	2-45446	1	Housing-Compact unit
	(5-47579 only) 118857	3	Washer	20	2-300302	1	End cap
4	118824	1	Spring		2-918623	1	“O” Ring
5	118861	1	Hex nut		512353	1	Pipe plug
6	118860	1	Adjusting screw		918621	2	H.H.C. screw M8 x 1.25 x 22mm
7	129885	1	Gasket				
8	2-118875	1	Relief valve cap				
9	2-118838	1	Relief valve				
10	3-121701	1	Seal-Lip				
	918622	3	S.L.H.C. screw M5 x .8 x 8mm				
11	512353	1	Pipe plug 1/4				
12	11-28695	1	Rotor & shaft				
13	300295	1	Gasket				
14	2-118864	1	“O” Ring				
15	3-29763	1	Idler				
16	6-28393	1	Float				
	120679	1	Gasket				
	918620	2	S.B.H.C. screw M6 x 1.0 x 16mm				
17	4-121971	1	Flat head				
	918621	4	H.H.C. screw M8 x 1.25 x 22mm				

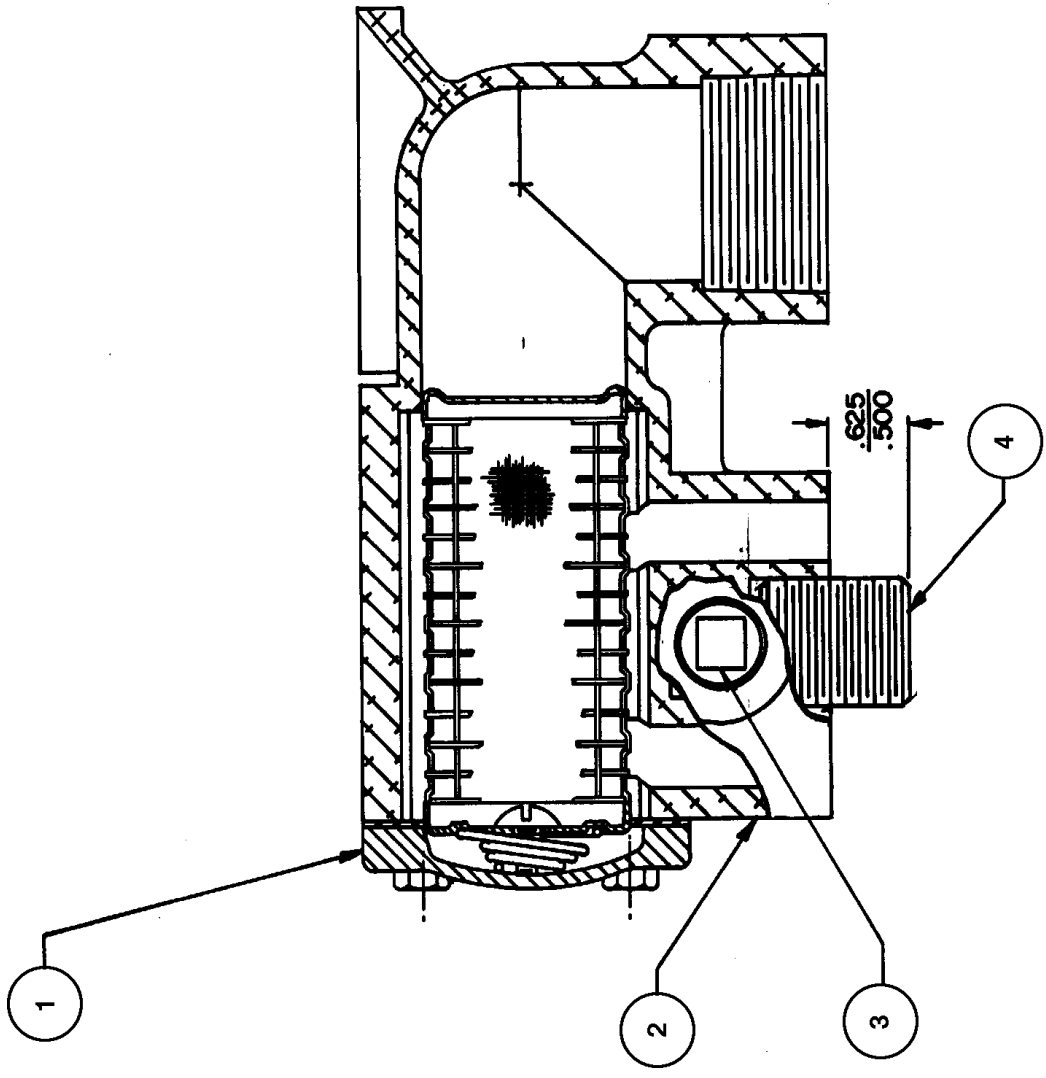


Figure 118. Strainer Assembly 4-39656

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Table 118. Strainer Assembly 4-39656

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	118869	1	Gasket				
	507295	4	H.H.C. screw 1/4-20 x 3/4				
	28049	1	Strainer and cover				
	Strainer and cover consists of:						
	29362	1	Strainer ass'y				
	120529	1	Spring				
	200427	1	Cover strainer				
	127441	1	Screw #10 x 24				
2	47088	1	Casting-Strainer & filter				
3	508772	2	Pipe plug 3/4				
4	126042	1	Nipple-Adapter				

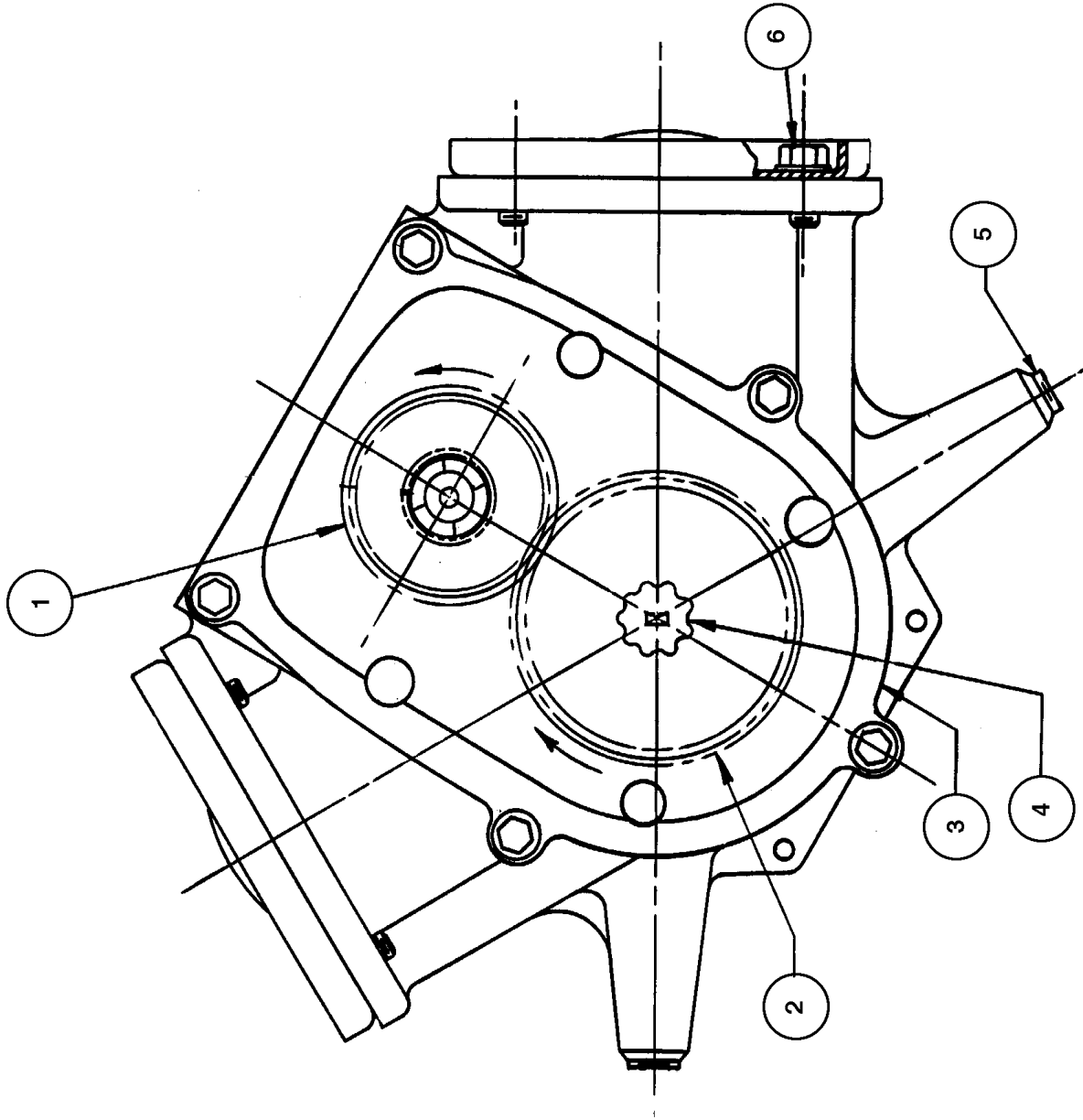


Figure 119. Meter Assembly 2PM-6-23 and 33-39310

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Table 119. Meter Assembly 2PM-6-23 and 33-39310

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	2-300206	1	Drive gear				
2	201068	1	Pinion gear				
3	19-38770	1	Cap and studs				
	513709	5	Taptite screw #12-24 x 7/8				
4	28261	1	Adjustment knob				
	905410	1	Seal wire				
5	512431	2	Pipe plug				
6	918452	4	Taptite screw 1/4-20 x 1/2				

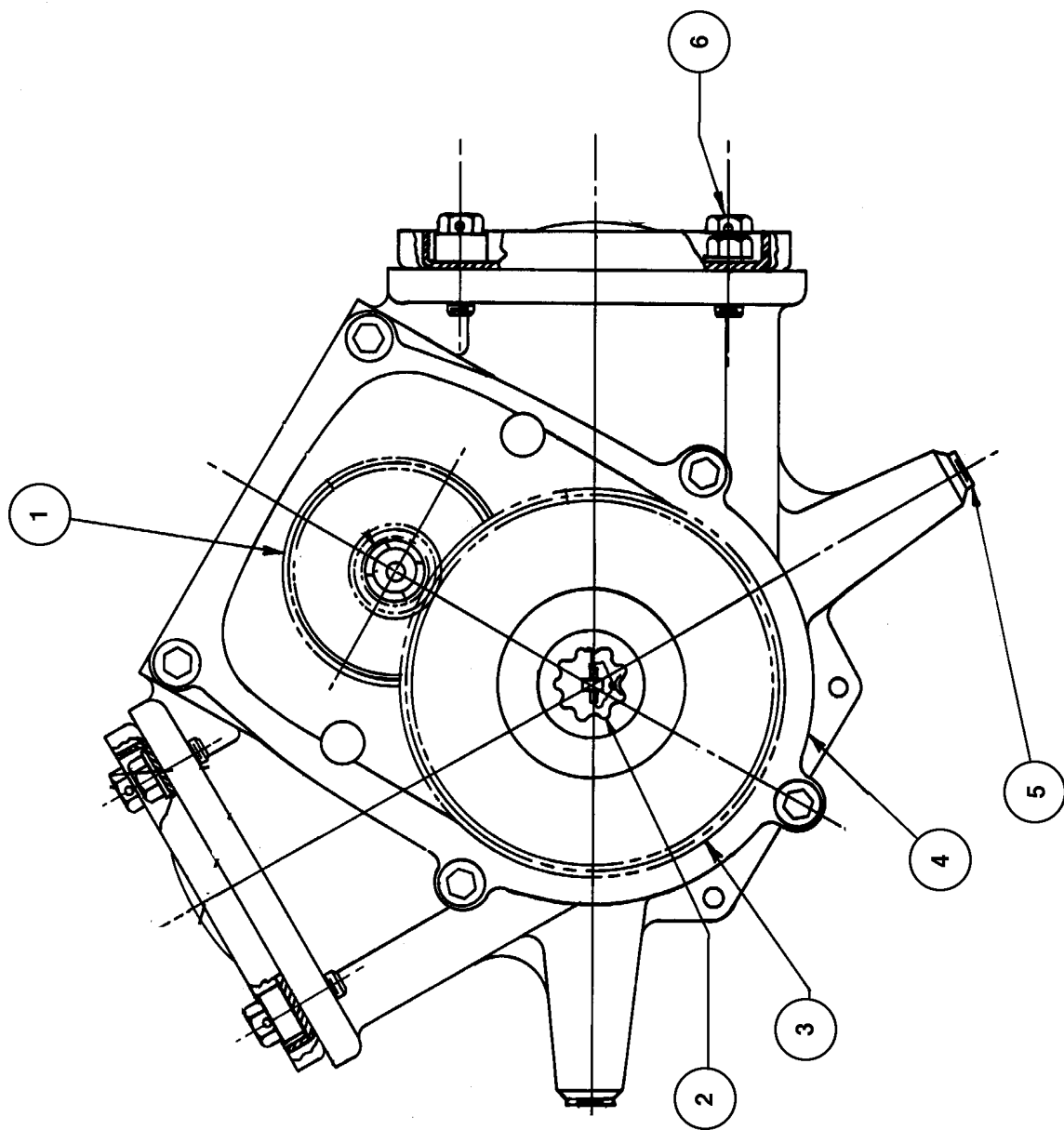


Figure 120. Meter Assembly 2PM-6-48 and 60-39310

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Table 120. Meter Assembly 2PM-6-48 and 60-39310

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	2-300206	1	Drive gear				
2	28261	1	Adjustment knob				
	905410	1	Seal wire				
3	2-201068	1	Pinion gear				
4	19-38770	1	Cap and studs				
	513709	5	Taptite screw #12-24 x 7/8				
5	512431	2	Pipe plug				
6	918452	8	Taptite screw 1/4-20 x 1/2				

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

