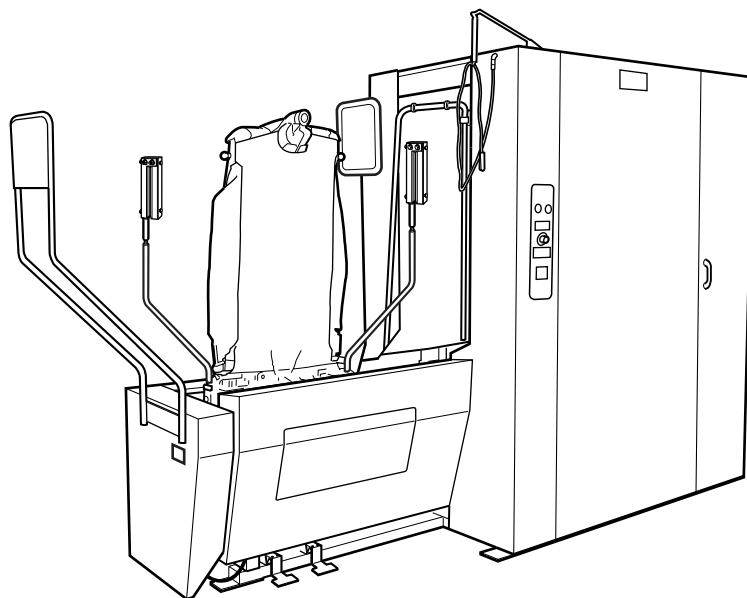


Empress

Combination Sleeper, Bosom, Body &
Yoke Single Buck Cabinet Press

Refer to Page 5 for Model Numbers



CAB1814C_AJ0054

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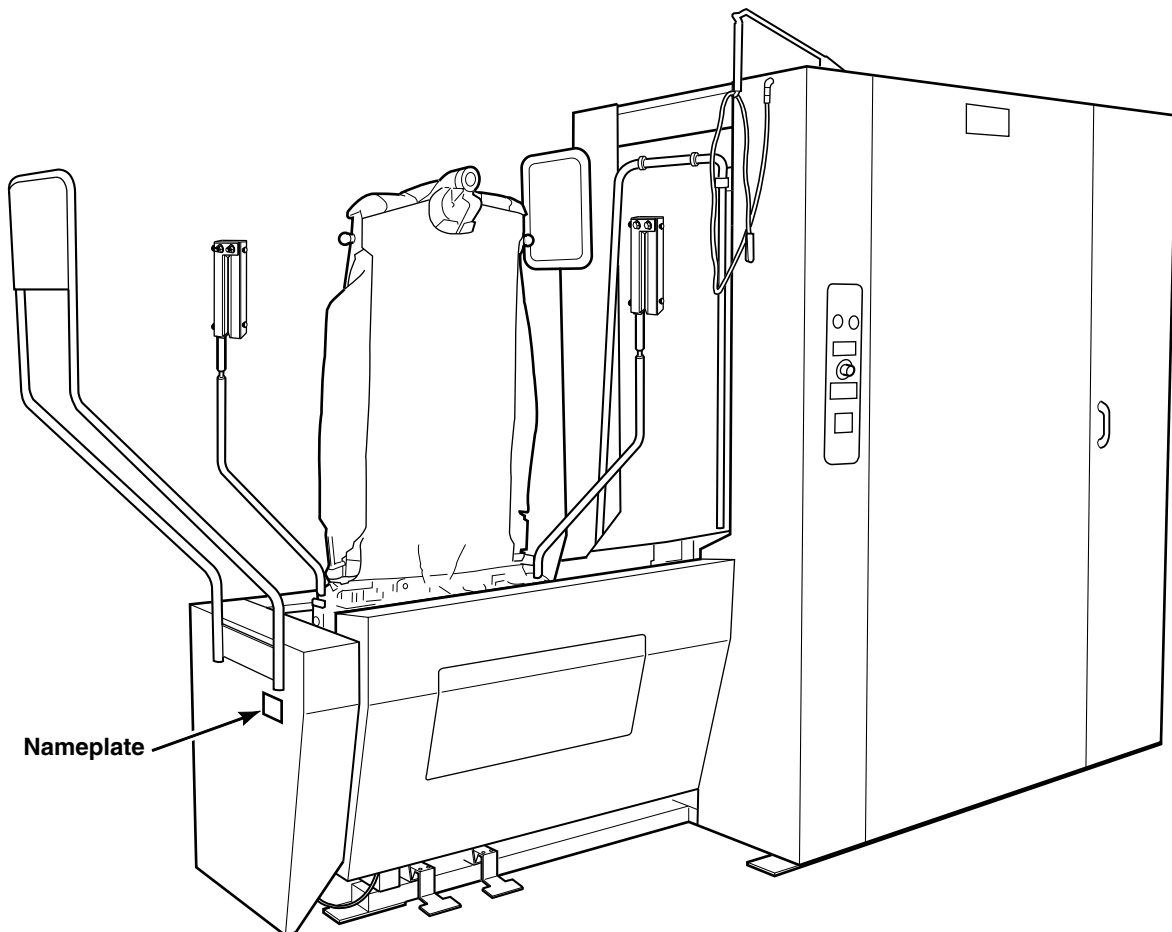
Parts Ordering Information

If literature or replacement parts are required, contact the source from whom the machine was purchased or contact Alliance Laundry Systems at (920) 748-3950 for the name and address of the nearest authorized parts distributor.

For technical assistance, call (920) 748-3121.

Nameplate Location

When calling or writing about your product, be sure to mention model and serial numbers. Model and serial numbers are located on nameplate(s) as shown.



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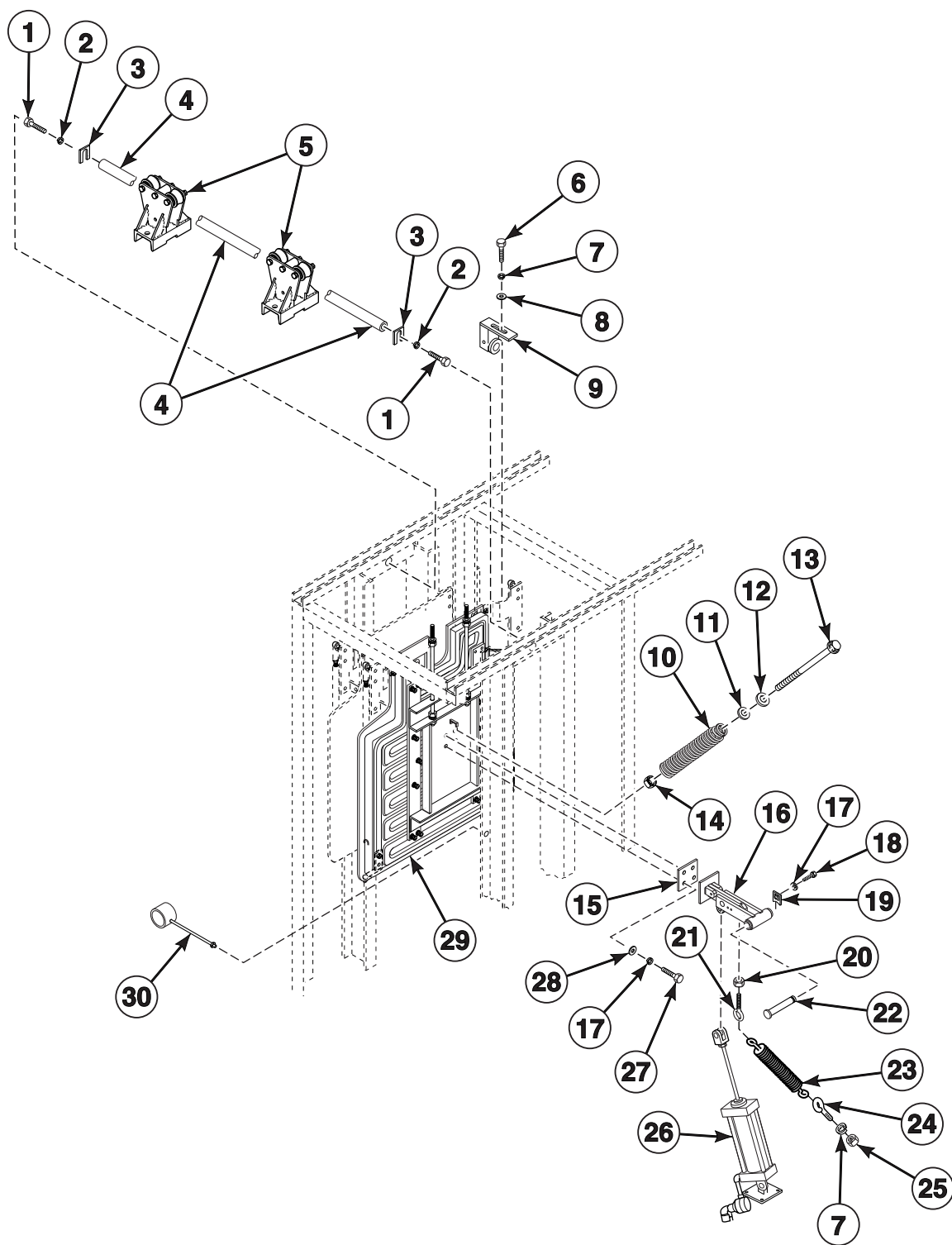
Model Identification

Information in this manual is applicable to these cabinet press models:

ASBBY-MV

SBBY-MV

Head Closing Mechanism Assembly (Drawing 1 of 2)

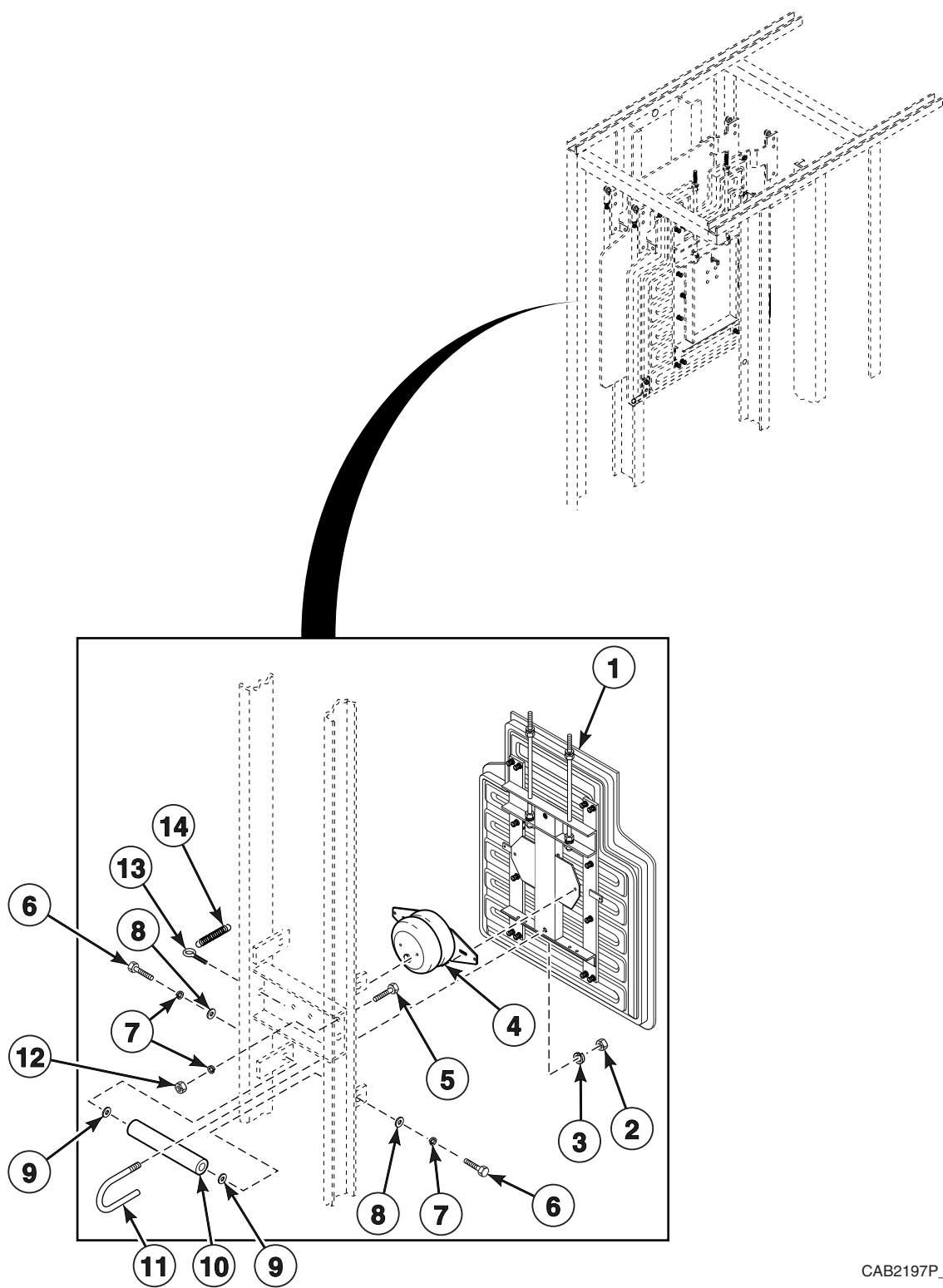


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Head Closing Mechanism Assembly (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-51527	Gasket	Rubber; Use with item 10
1	JC-63204	Screw	2 required
2	JC-43257	Washer	2 required
3	J200187100	Head Rail Spacer Plate	
4	J1550789	Head Rail Weldment	
5	J1405786	Roller Bracket Assembly	2 required; Refer to <i>Roller Bracket Assembly</i> section for parts breakdown
6	M400057	Screw	2 required
7	M400013	Washer	3 required
8	J1001270	Washer	2 required
9	J1544758	Snorkel Tube Assembly	Refer to <i>Snorkel Tube Assembly</i> section for parts breakdown
10	JA-08705	Spring Assembly	Head retracting
11	J1001304	Washer	7 required
12	J1178391	Washer	
13	JA-10158	Screw	
14	20274	Nut	11 required
15	J1437821	Plate Mounting and Bearing Shim	2 required
16	J1544873	Toggle Assembly	Refer to <i>Toggle Assembly</i> section for parts breakdown
17	J1185073	Washer	5 required
18	JA-53020	Screw	
19	J1438209	Retainer Clip	
20	20275	Nut	
21	J1442730	Bolt	Altered eye
22	J1594662	End Toggle Pin	
23	J1474774	Extension Spring	
24	J1447846	Bolt	Eye
25	70142	Nut	2 required
26	J1559202	Front Head Closing Cylinder	Refer to <i>Front Head Closing Cylinder Assembly</i> section for parts breakdown
27	J1238518	Screw	4 required
28	JC-80513	Washer	4 required
29	J1550771	Front Frame Assembly	Refer to <i>Front Frame Assembly</i> section for parts breakdown
30	J1562842	Head Bumper Assembly	4 required; Refer to <i>Head Bumper Assembly</i> section for parts breakdown

Head Closing Mechanism Assembly (Drawing 2 of 2)

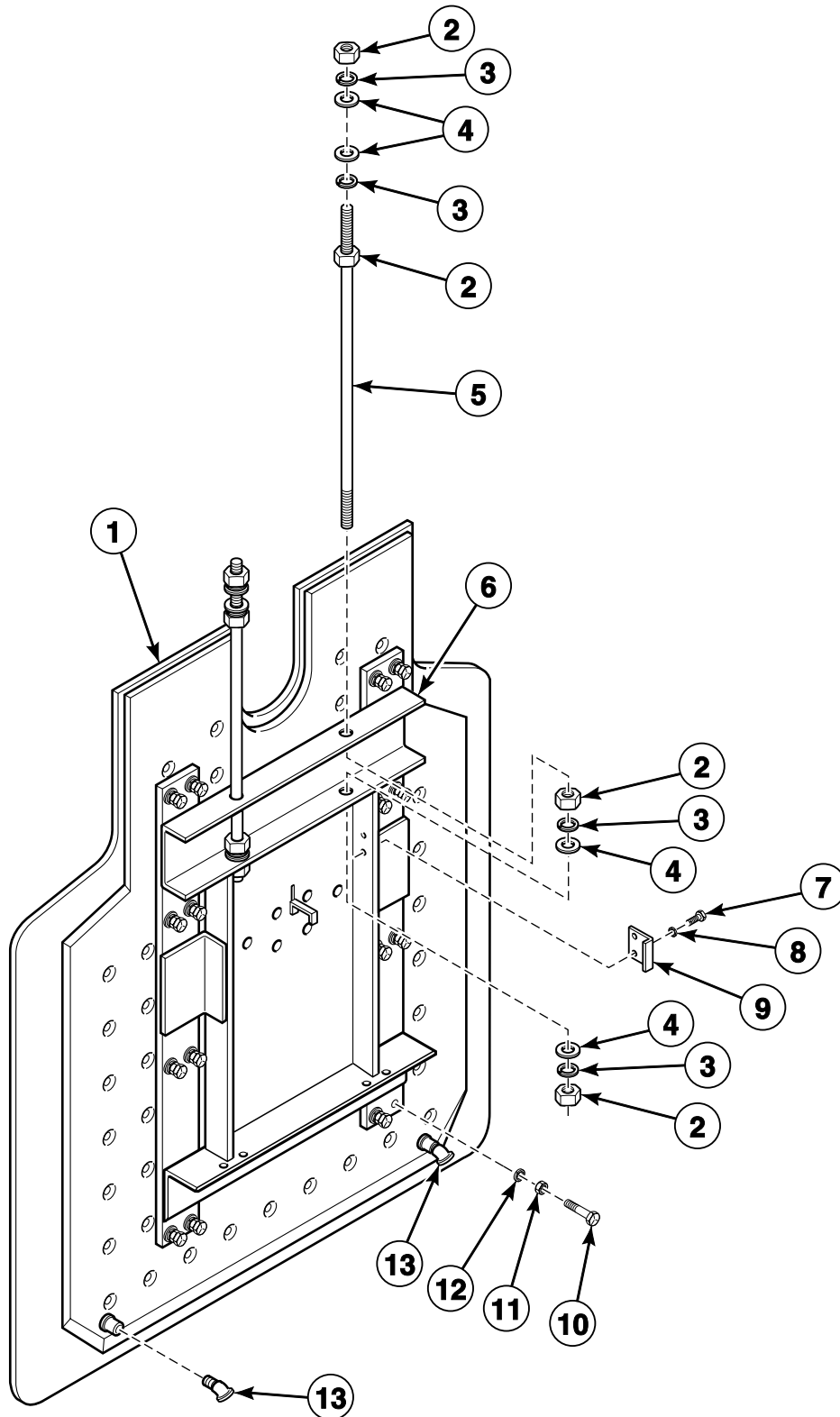


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Head Closing Mechanism Assembly (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1550763	Rear Frame Assembly	Refer to <i>Rear Frame Assembly</i> section for parts breakdown
2	F430246	Nut	2 required
3	JA-53116	Washer	2 required
4	J1559194	Air Bag Assembly	Rear Head; Refer to <i>Air Bag Assembly</i> section for parts breakdown
5	JA-56790	Bumper Assembly	2 required
6	J1122118	Screw	6 required
7	M400014	Washer	10 required
8	J1001304	Washer	
9	J1545185	Washer	4 required
10	J1545169	Head Stop Rod	2 required
11	J1545144	Head Stop Hook	2 required
12	20274	Nut	
13	JC-18058	Bolt	2 required; Eye
14	J1055029	Extension Spring	2 required

Front Frame Assembly

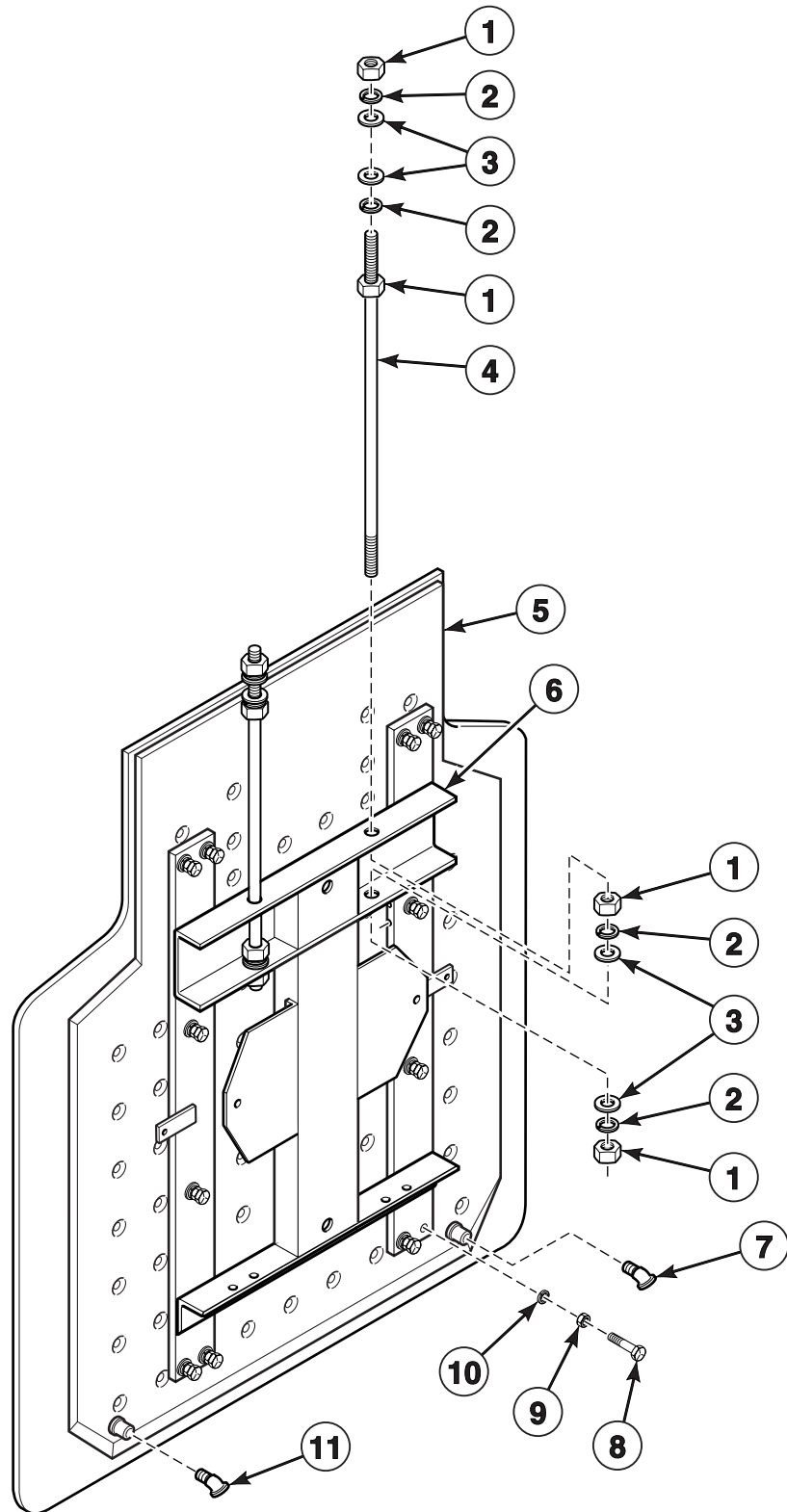


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Front Frame Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1550771	Front Frame Assembly	Includes items 1-13
1	J200207700	Front Head Weldment	
2	F430246	Nut	8 required
3	JA-53116	Washer	8 required
4	JC-80565	Washer	8 required
5	J1550755	Head Mounting Rod	2 required
6	J1545052	Front Head Frame Weldment	
7	JA-53020	Screw	2 required
8	J1185073	Washer	2 required
9	J1550961	Plate Cover	
10	M400056	Screw	14 required
11	70142	Nut	14 required
12	M400013	Washer	14 required
13	J1231521	Street Pipe Elbow	

Rear Frame Assembly

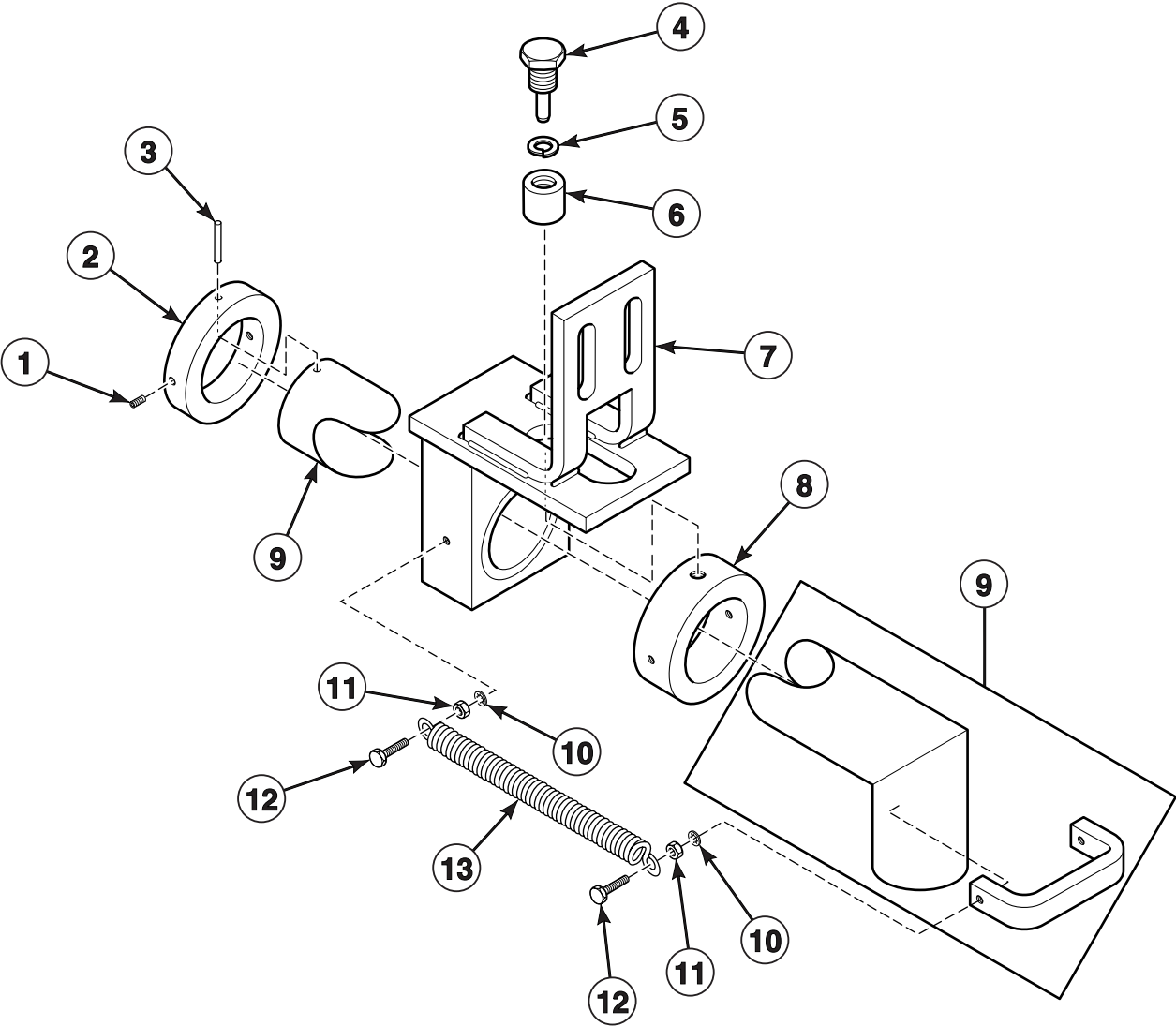


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Rear Frame Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1550763	Rear Frame Assembly	Includes items 1-11
1	F430246	Nut	8 required
2	JA-53116	Washer	8 required
3	JC-80565	Washer	8 required
4	J1550755	Head Mounting Rod	2 required
5	J1548569	Rear Head Weldment	
6	J1545060	Rear Head Frame Weldment	
7	J1231521	Street Pipe Elbow	
8	M400056	Screw	14 required
9	70142	Nut	14 required
10	M400013	Washer	14 required
11	JC-28236	Street Pipe Elbow	

Snorkel Tube Assembly

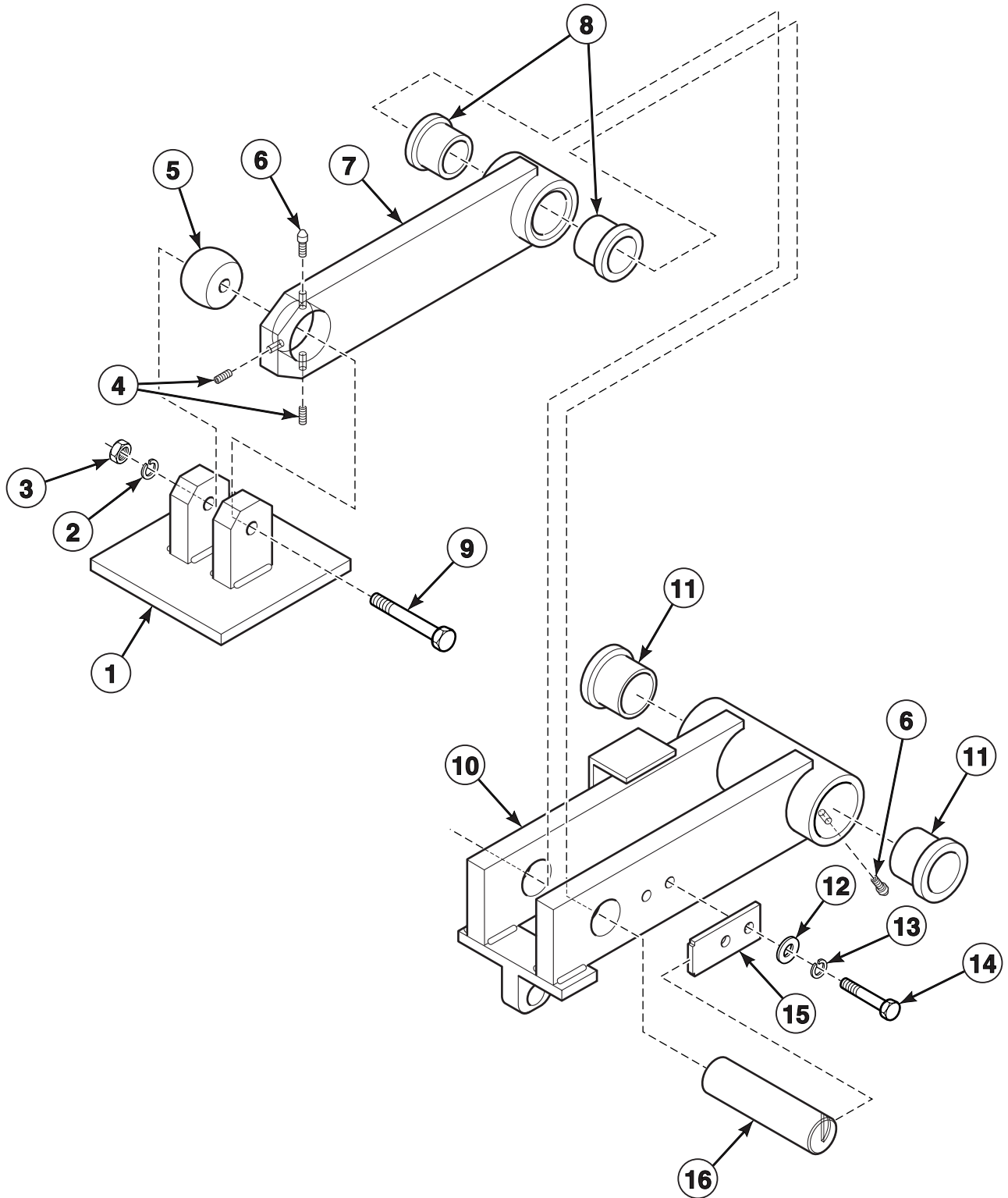


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Snorkel Tube Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1544758	Snorkel Tube Assembly	Includes items 1-13
1	J1179308	Screw	4 required
2	J1544808	Snorkel Tube Ring	
3	JA-51144	Roll Pin	
4	J1417310	Screw	
5	J1001007	Washer	
6	JA-55745	Needle Bearing	
7	J1544766	Block Plate Assembly	Snorkel tube
8	J1544790	Set Collar	
9	J1544774	Air Tubing Weldment	
10	J1000975	Washer	4 required
11	J1000736	Nut	4 required
12	J1019561	Screw	4 required
13	J1555697	Extension Spring	2 required

Toggle Assembly

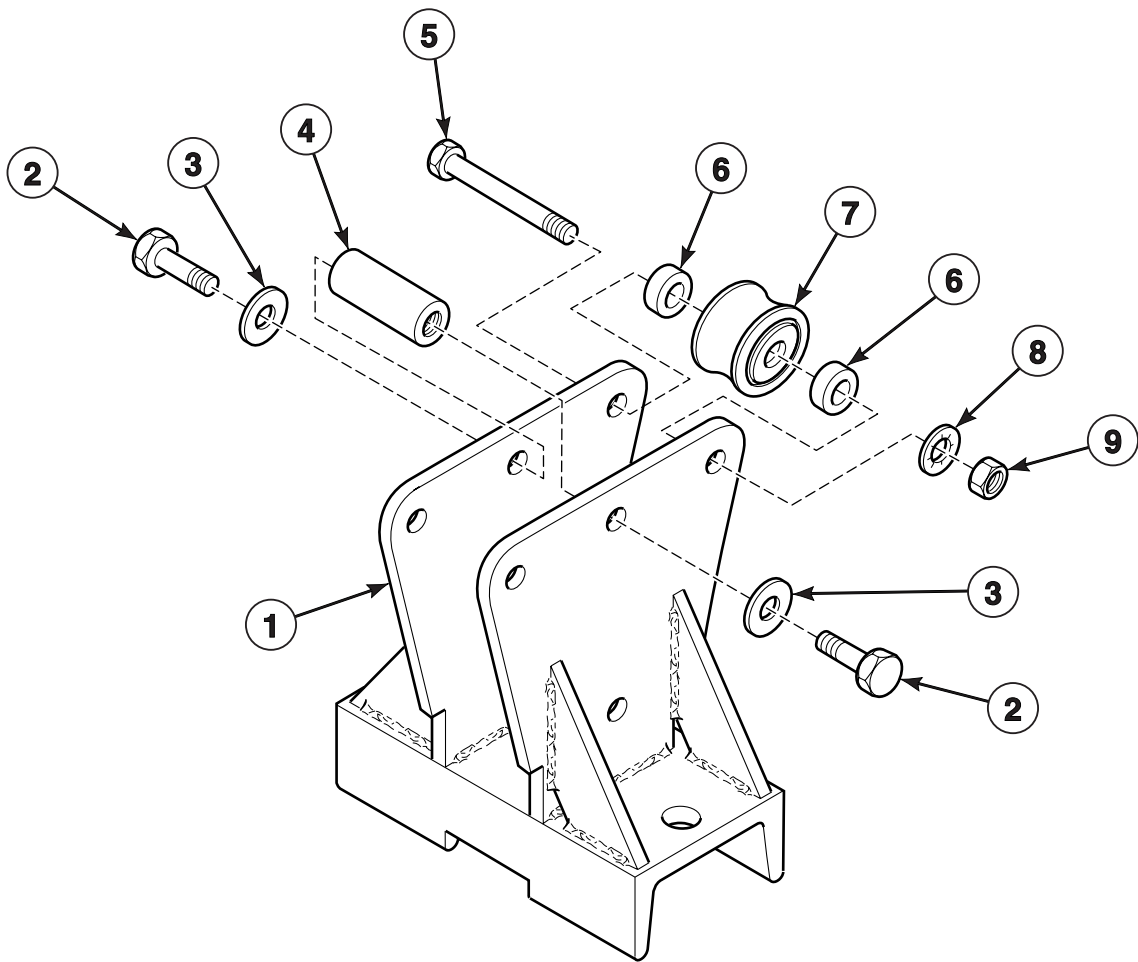


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Toggle Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1544873	Toggle Assembly	Includes items 1-16
1	J200131100	Head Pivot Bracket Weldment	
2	91200	Washer	
3	J1000850	Nut	4 required
4	JC-63342	Screw	2 required
5	JA-55082	Spherical Bearing	
6	JC-30809	Straight Grease Fitting	2 required
7	J200299400	Male Toggle Arm	
8	J1262880	Oilless Flanged Bearing	2 required
9	JA-50197	Screw	
10	J1544881	Toggle Arm Weldment	
11	J1415553	Oilless Flanged Bearing	2 required
12	JC-80513	Washer	2 required
13	J1185073	Washer	2 required
14	J1001726	Screw	2 required
15	J154491501	Pivot Tab	
16	J1544907	Pivot Toggle Pin	

Roller Bracket Assembly

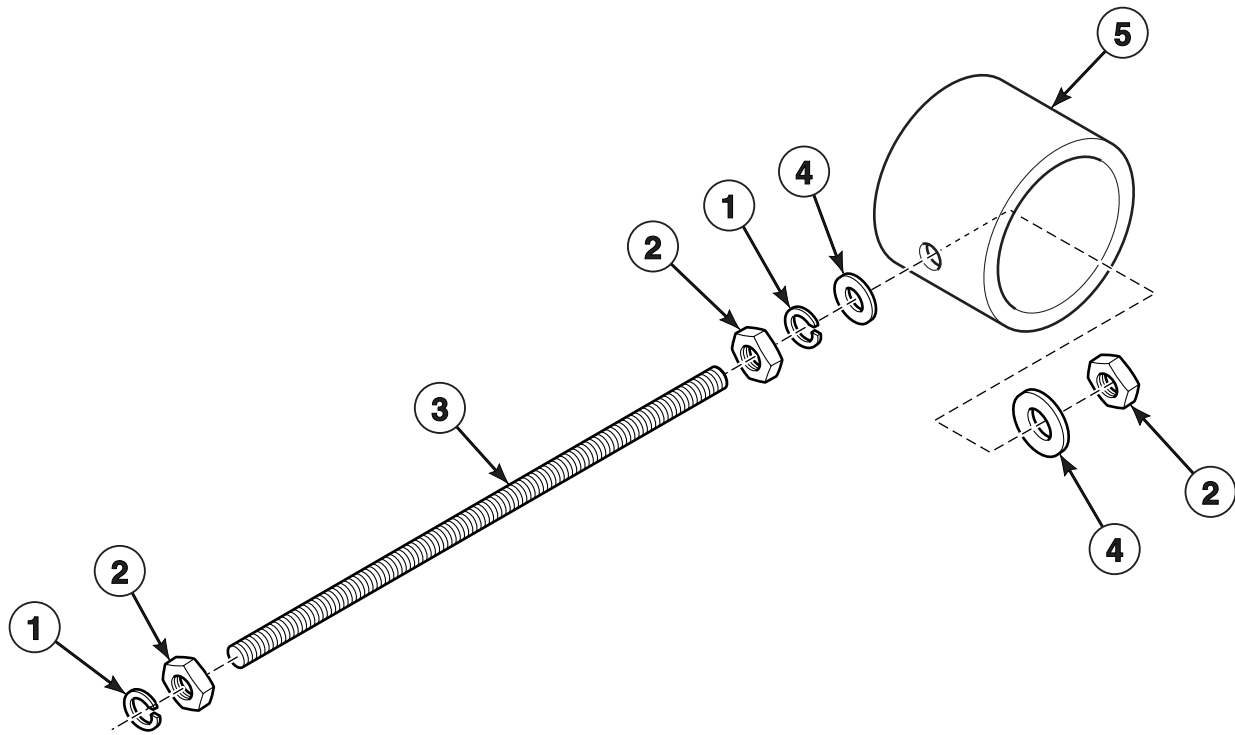


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Roller Bracket Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1405786	Roller Bracket Assembly	Includes items 1-9; 2 required
1	J0637851-00	Roller Bracket Weldment	
2	JC-61854	Screw	2 required
3	J1001122	Washer	2 required
4	J1377654	Large Spacer	
5	J1377696	Pin	3 required
6	J200157100	Small Spacer	6 required
7	JA-06318	Roller Assembly	3 required
8	M400014	Washer	3 required
9	20274	Nut	3 required

Head Bumper Assembly

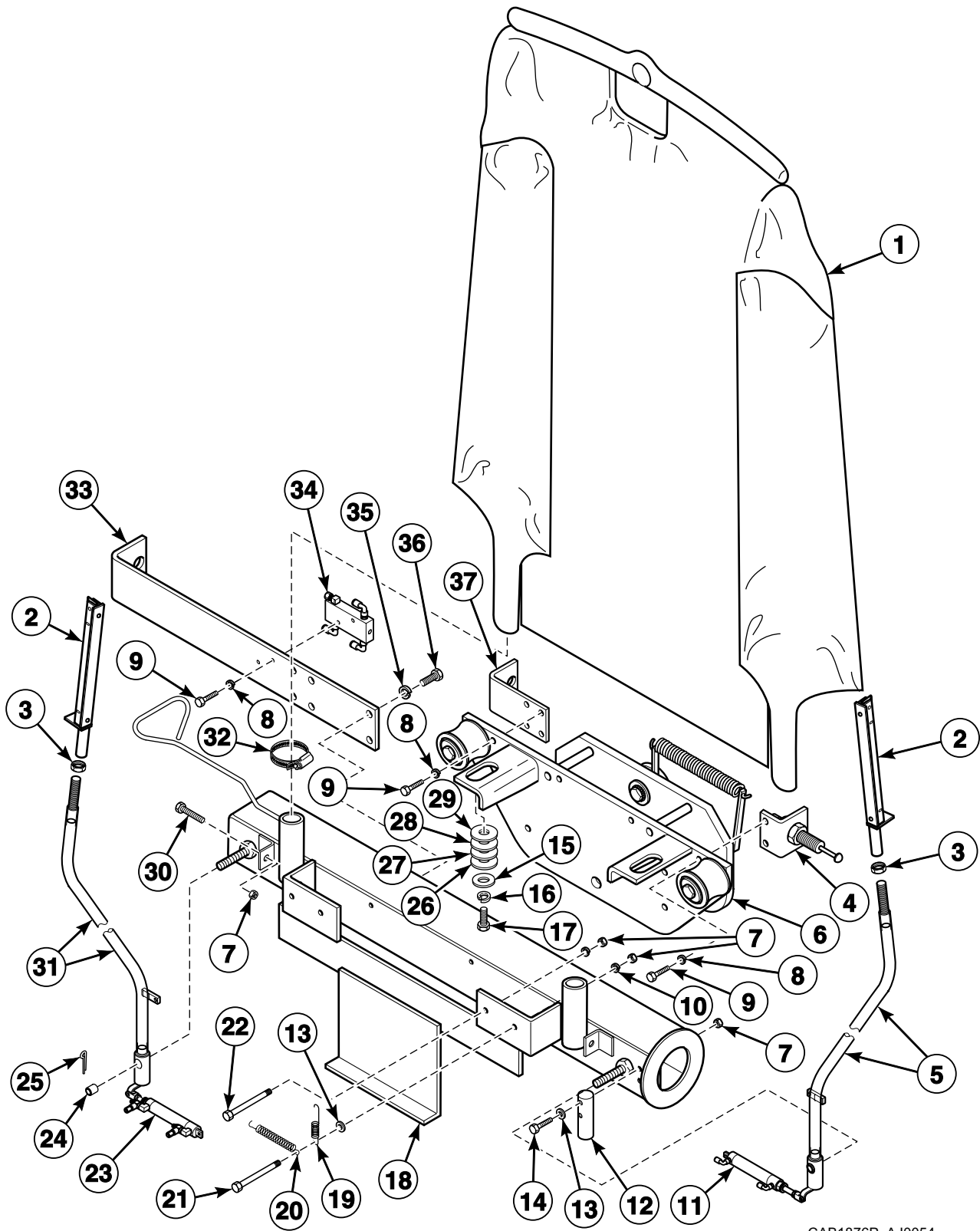


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Head Bumper Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1562842	Head Bumper Assembly	Includes items 1-5
1	M400014	Washer	2 required
2	M400026	Nut	3 required
3	J1562834	Rod	
4	JC-80505	Washer	2 required
5	J1438472	Bumper	

Receiving Tube/Carriage/Buck/Arms Assembly

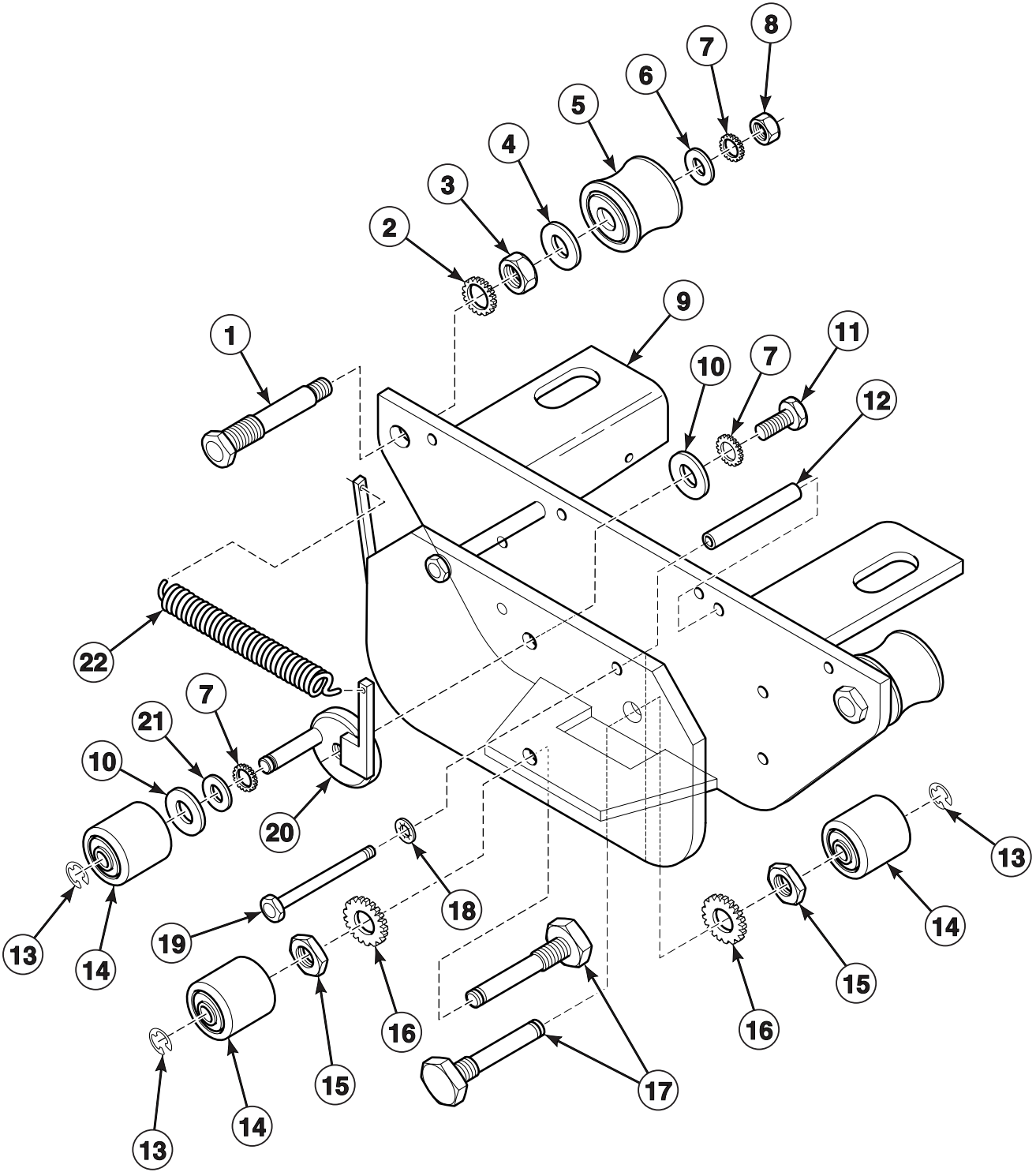


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Receiving Tube/Carriage/Buck/Arms Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1569334	Spacer Buck Plate	2 required
1	J1564236	Buck and Covers Assembly	Refer to <i>Buck, Covers and Padding</i> section for parts breakdown
2	J1553817	Upper Sleeve Holder Assembly	2 required; Refer to <i>Upper Sleeve Holder Assembly</i> section for parts breakdown
3	JA-52400	Nut	2 required
4	J1564186	Shock Absorber Assembly	Refer to <i>Shock Absorber Assembly</i> section for parts breakdown
5	J1555648	Lower Right Sleeve Holder Assembly	Refer to <i>Lower Sleeve Holder Assembly</i> section for parts breakdown
6	J1550821	Carriage Sub-Assembly	Refer to <i>Carriage Sub-Assembly</i> section for parts breakdown
7	20275	Nut	8 required
8	M400013	Washer	6 required
9	JC-62724	Screw	6 required
10	J1185073	Washer	2 required
11	J1557529	Right Sleeve Holder Cylinder Assembly	Refer to <i>Right Sleeve Holder Cylinder Assembly</i> section for parts breakdown
12	J1560770	Actuating Bracket	Receiving tube
13	JC-80513	Washer	6 required
14	JC-62028	Screw	2 required
15	JA-22689	Washer	2 required
16	J1001106	Washer	2 required
17	JC-62493	Screw	2 required
18	J1551761	Receiving Tube Weldment	
19	JA-51399	Extension Spring	2 required
20	J1474774	Extension Spring	2 required
21	J1561315	Screw	2 required
22	J1557461	Screw	2 required
23	J1557511	Left Sleeve Holder Cylinder Assembly	Refer to <i>Left Sleeve Holder Cylinder Assembly</i> section for parts breakdown
24	J1413962	Oilless Thrust Bearing	4 required
25	JC-54501	Cotter Pin	4 required
26	JA-23390	Spacer	14 gauge; Receiving tube
27	JA-23391	Spacer	16 gauge; Receiving tube
28	JA-23392	Spacer	18 gauge; Receiving tube
29	JA-23393	Spacer	20 gauge; Receiving tube
30	JA-52426	Screw	2 required
31	J1555622	Lower Left Sleeve Holder Assembly	Refer to <i>Lower Sleeve Holder Assembly</i> section for parts breakdown
32	J1153865	Worm Gear Clamp	2 required
33	J1615038	Cylinder Mounting Carriage Weldment	Rear
34	J1557545	Receiving Tube Manifold Assembly	
35	J1000975	Washer	2 required
36	JC-61273	Screw	2 required
37	J1518083	Carriage Bracket	

Carriage Sub-Assembly

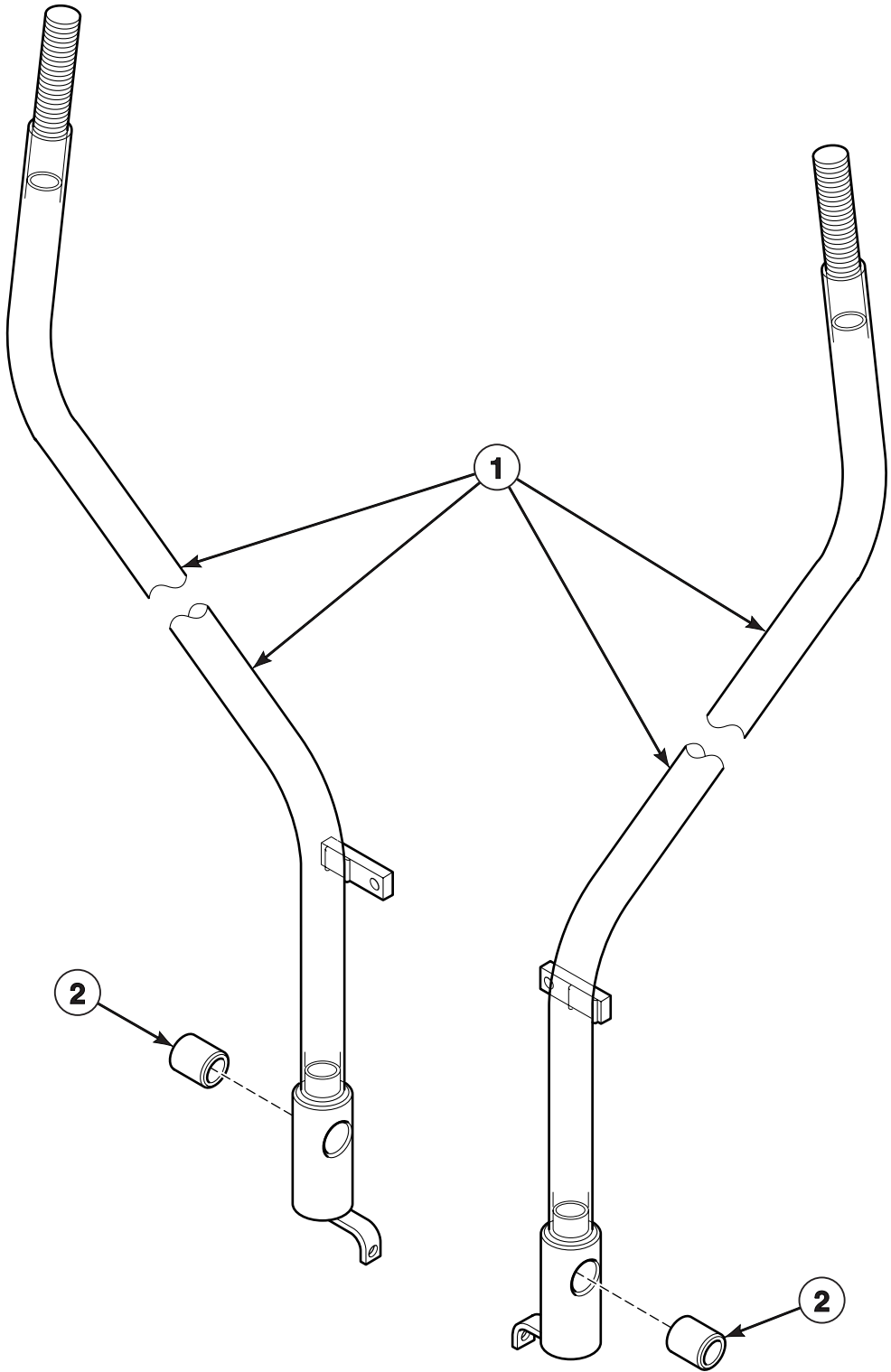


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Carriage Sub-Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1550821	Carriage Sub-Assembly	Includes items 1-22
1	J1435791	Roller Locking Shaft	2 required
2	JA-53985	Washer	2 required
3	M400022	Nut	4 required
4	J1618990	Washer	2 required
5	JA-06318	Roller Assembly	2 required; Concave
6	J1001304	Washer	2 required
7	M403958	Washer	3 required
8	20274	Nut	2 required
9	J1544998	Carriage Weldment	
10	J1001338	Washer	2 required
11	JA-50148	Screw	
12	J1518315	Spacer	2 required; Black pipe
13	JA-53987	Retaining Ring	5 required
14	JA-09186	Flat Roller	3 required
15	J1435783	Nut	2 required; Eccentric
16	JA-53986	Washer	2 required
17	J1435809	Roller Adjusting Shaft	2 required
18	M400013	Washer	2 required
19	JA-55433	Screw	2 required
20	J1435833	Tensioner Weldment	
21	J1371749	Washer	
22	JA-51318	Spring	

Lower Sleeve Holder Assembly

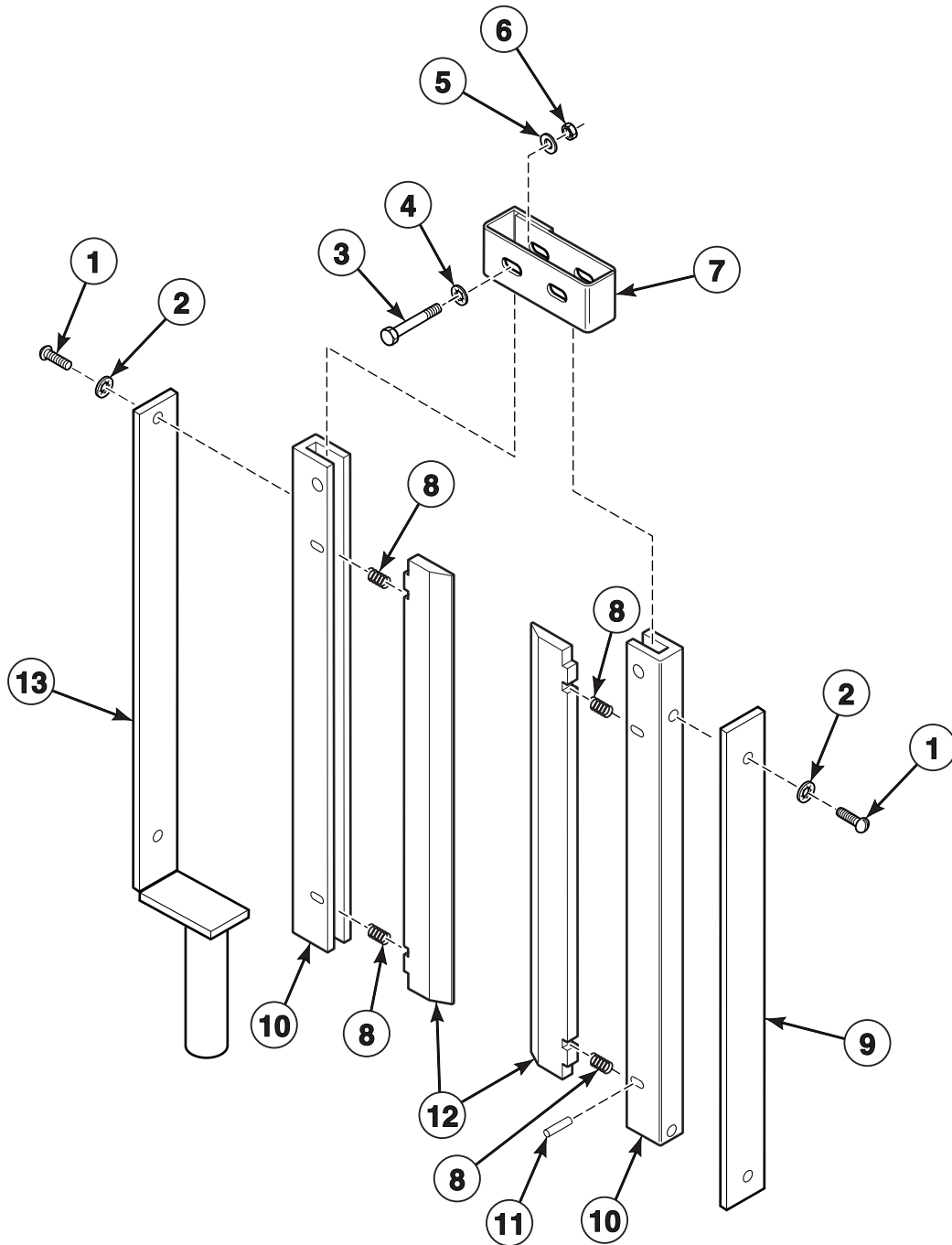


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Lower Sleeve Holder Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1555648	Lower Right Sleeve Holder Assembly	Includes items 1 and 2
	J1555622	Lower Left Sleeve Holder Assembly	Includes items 1 and 2
1	J1555259	Lower Right Sleeve Holder Weldment	
	J1555226	Lower Left Sleeve Holder Weldment	
2	J1258987	Oilless Flanged Bearing	2 required for each assembly

Upper Sleeve Holder Assembly

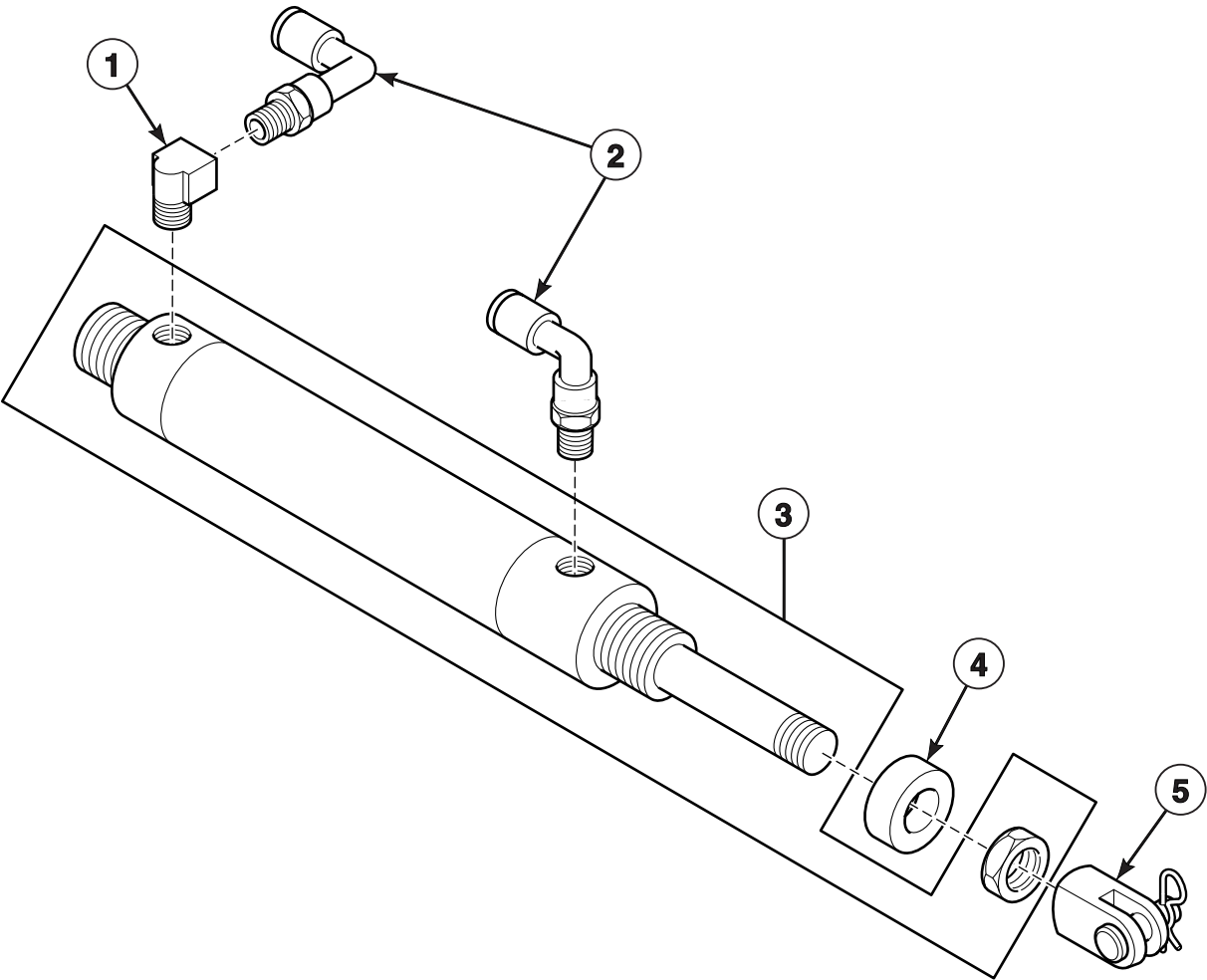


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Upper Sleeve Holder Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1553817	Upper Sleeve Holder Assembly	2 required; Includes items 1-13
1	M400044	Screw	4 required
2	J1000975	Washer	4 required
3	JA-52426	Screw	2 required
4	J1001015	Washer	2 required
5	JC-80513	Washer	2 required
6	20275	Nut	2 required
7	J1554138	Sleeve Holder Spacer Plate	
8	J1562776	Compression Spring	4 required
9	J1555283	Sleeve Spring Retainer Plate	
10	J1553809	Pinch Bar	2 required
11	JC-54796	Roll Pin	4 required
12	J1553791	Pinch Bar	2 required
13	J1555267	Upper Sleeve Holder Weldment	

Right Sleeve Holder Cylinder Assembly

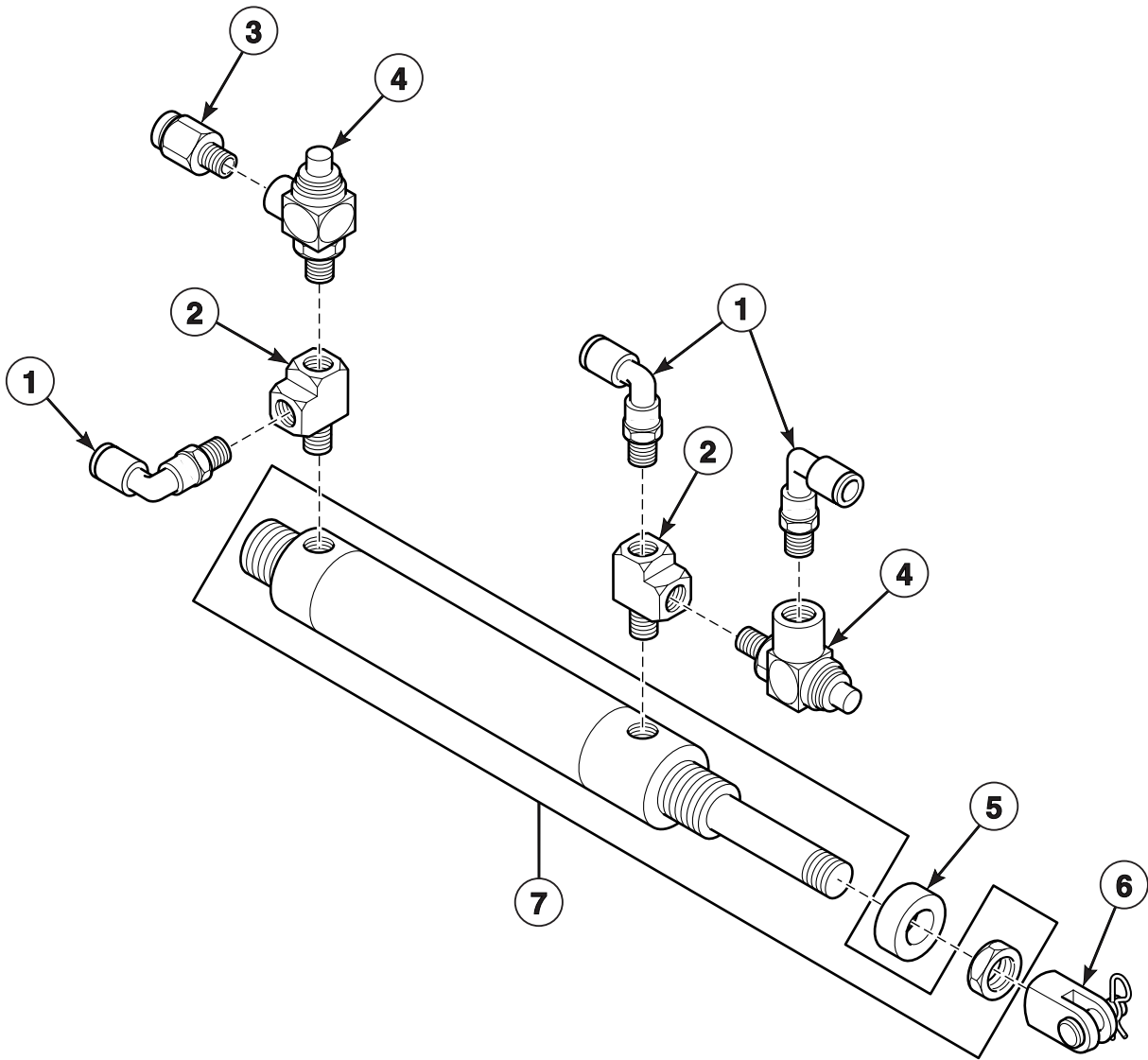


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Right Sleeve Holder Cylinder Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1557529	Right Sleeve Holder Cylinder Assembly	Includes items 1-5
1	JC-28317	Street Pipe Elbow	
2	J1407741	Swivel Tubing Elbow	2 required
3	J1562875	Air Cylinder	Includes nut
4	J1560788	Sleeve Cylinder Spacer	
5	J1562859	Clevis	Includes clevis pin and cotter pin

Left Sleeve Holder Cylinder Assembly

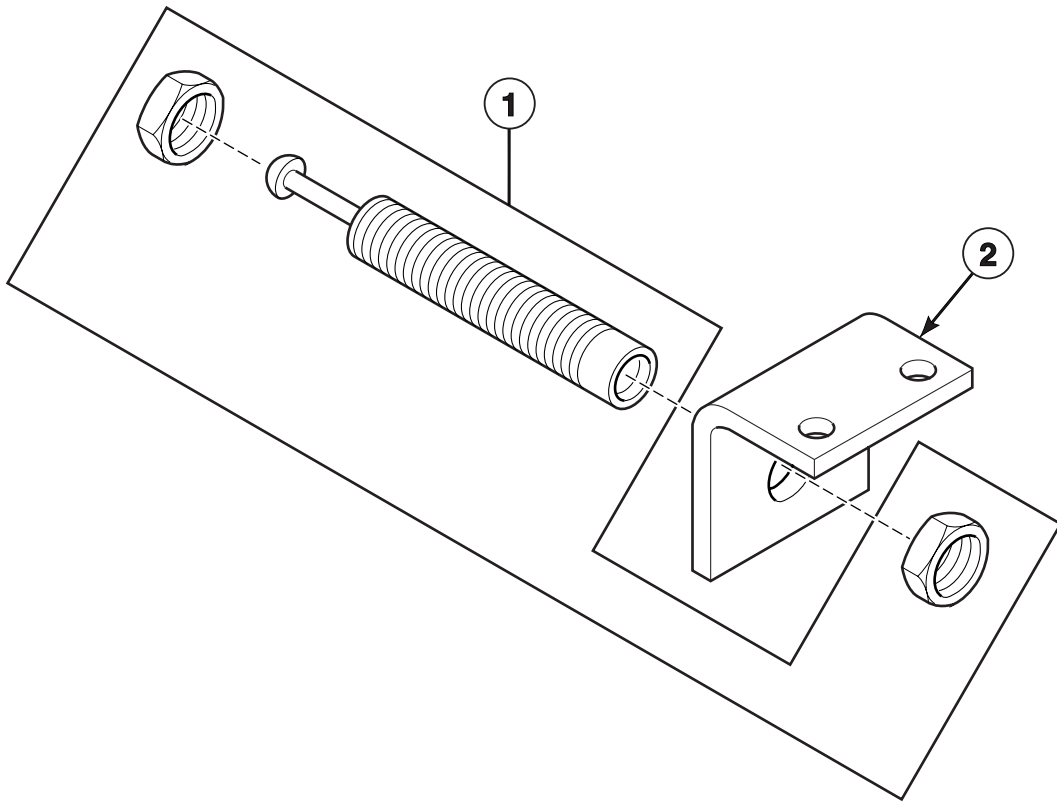


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Left Sleeve Holder Cylinder Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1557511	Left Sleeve Holder Cylinder Assembly	Includes items 1-7
1	J1407741	Swivel Tubing Elbow	3 required
2	JC-30541	Street Pipe Tee	2 required
3	J1408004	Connector	
4	J1455781	Swivel Flow Control Valve	2 required
5	J1560788	Sleeve Cylinder Spacer	
6	J1562859	Clevis	Includes clevis pin and cotter pin
7	J1562875	Air Cylinder	Includes nut

Shock Absorber Assembly

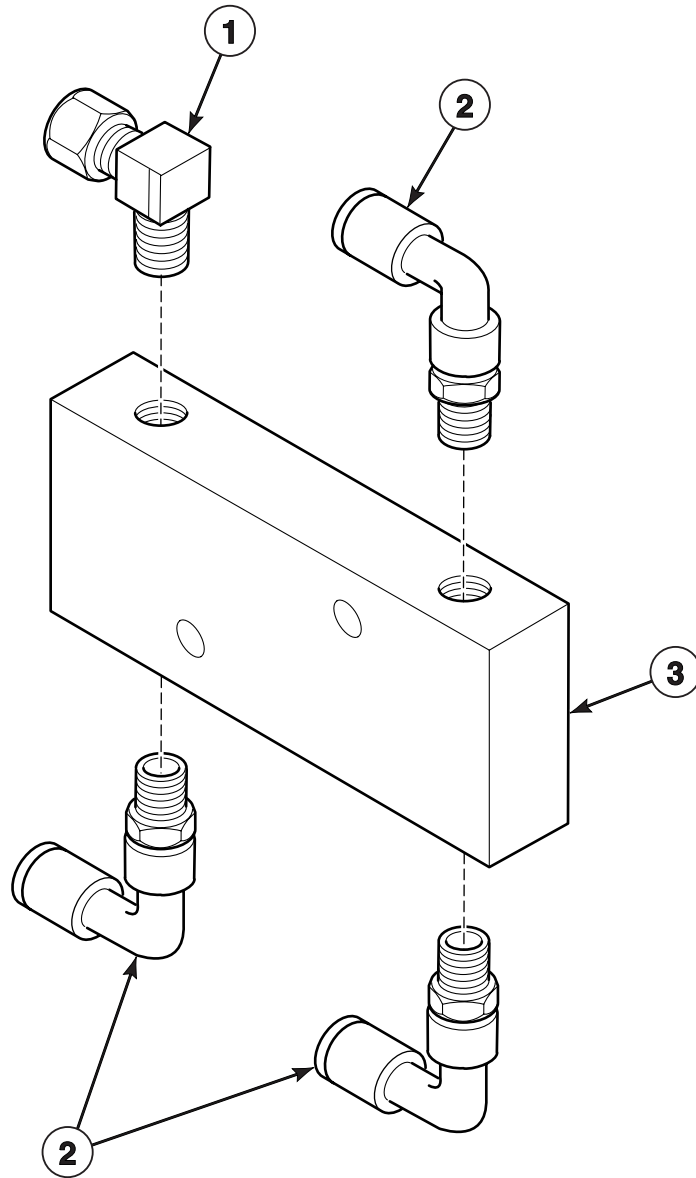


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Shock Absorber Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1564186	Shock Absorber Assembly	Includes items 1 and 2
1	J1564160	Shock Absorber	Includes nuts
2	J1518091	Mounting Bracket	

Receiving Tube Manifold Assembly

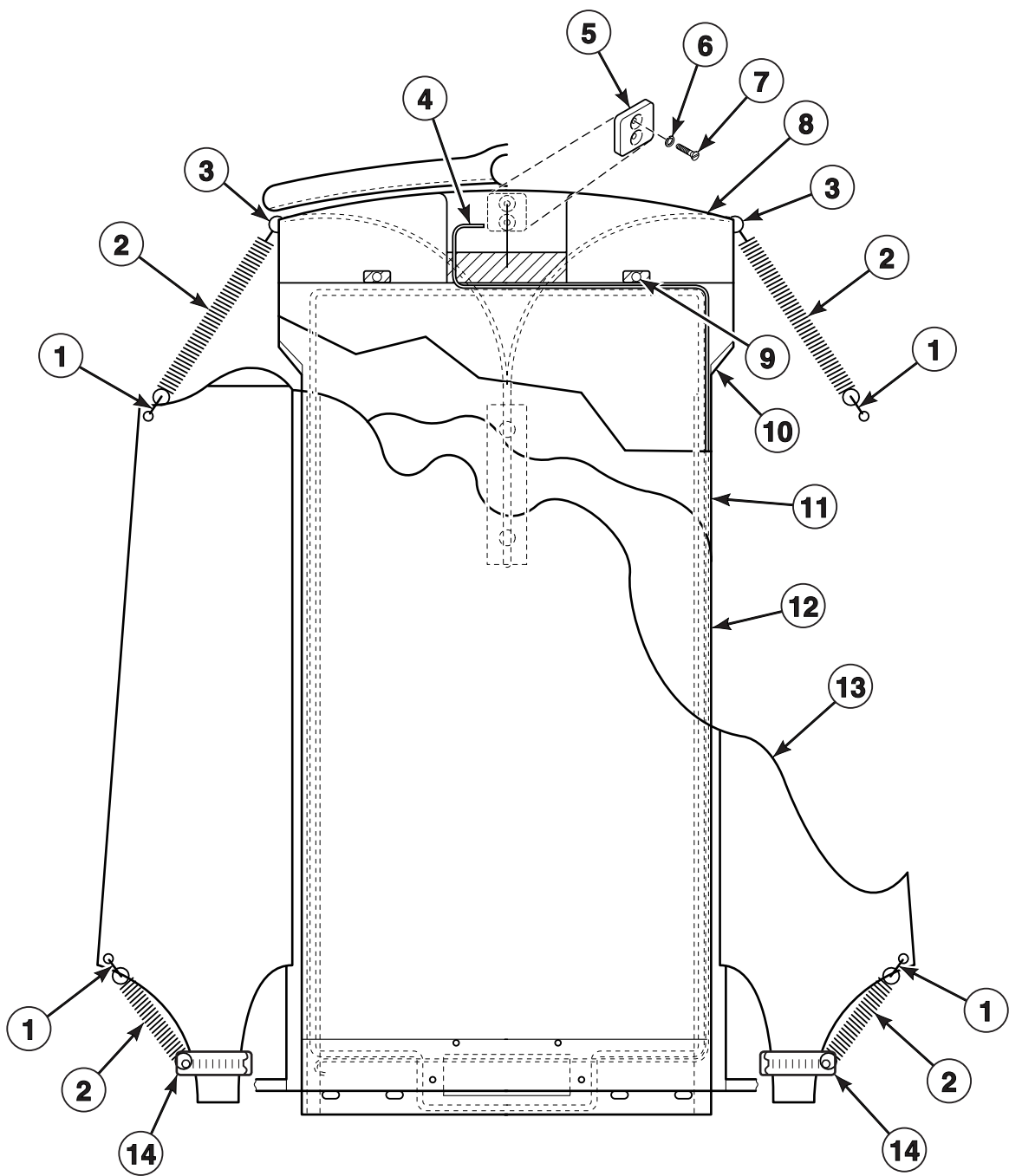


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Receiving Tube Manifold Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1557545	Receiving Tube Manifold Assembly	Includes items 1-3
1	JA-50770	Male Compression Elbow	
2	J1407741	Swivel Tubing Elbow	3 required
3	J1618958	Manifold	

Buck, Covers and Padding

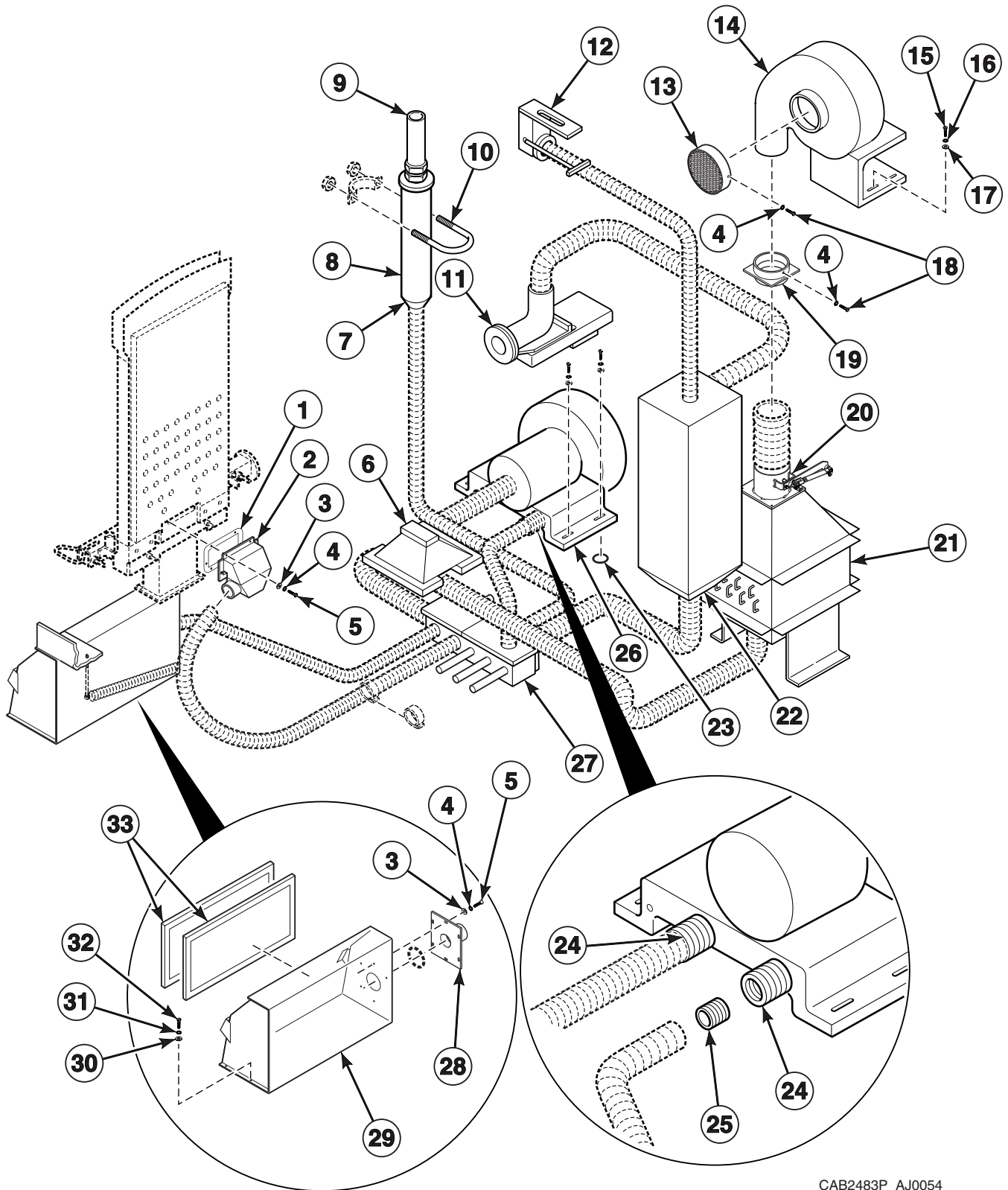


CAB1884P_AJ0054

Buck, Covers and Padding

REF	PART NO.	DESCRIPTION	COMMENTS
	J1564236	Buck and Covers Assembly	Includes items 1-14
1	JA-51758	Safety Pin	4 required
2	JA-52758	Spring	4 required
3	J1528595	Retaining Ring	2 required; Elastic
4	J1106699	Tubing	5 feet required; Copper
5	J200155100	Mounting Bracket Clamp	
6	M400013	Washer	2 required
7	M400057	Screw	2 required
8	J1555994	Spring Padding Assembly	
9	J1333285	Screw	2 required
10	J1542018	Buck Weldment	
11	J1555598	Monel Wool Padding	Steel wool
12	J1555580	Flannel Pad	30 ounce flannel
13	J1555614	Air Bag	
14	J1153865	Worm Gear Clamp	2 required

Low Pressure Air System (Drawing 1 of 2)

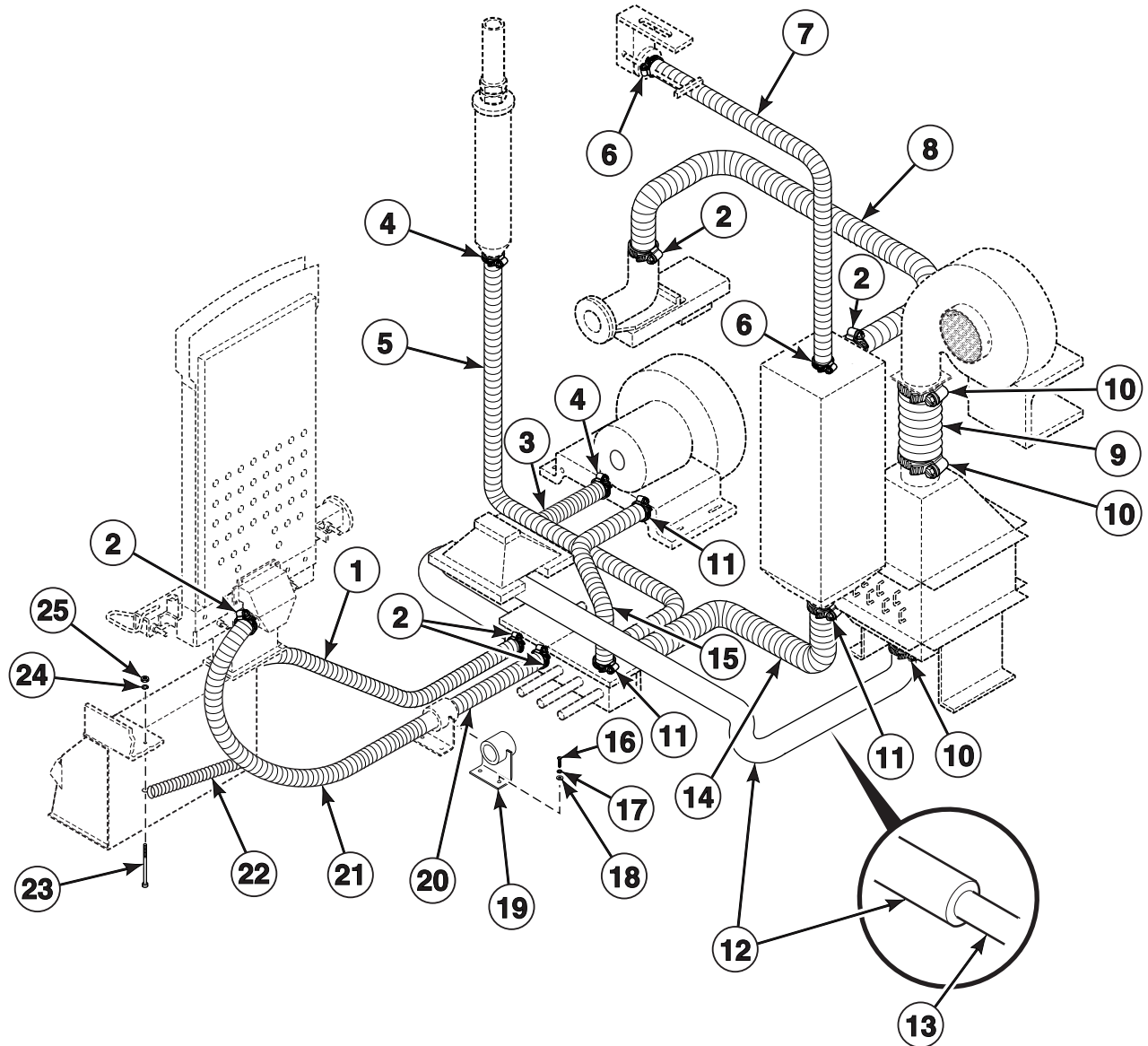


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Low Pressure Air System (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1372937	Seal	Silicon; Red
2	J1555291	Vacuum Inlet Box Weldment	
3	J1001213	Washer	10 required
4	J1000975	Washer	16 required for whole system
5	JC-61269	Screw	10 required
6	J1554005	Discharge Box Assembly	Refer to <i>Discharge Box Assembly</i> section for parts breakdown
7	J1370543	Pipe Nipple	2x4 inches
8	J1370550	Pipe Nipple	2x12 inches
9	J1370691	Muffler	
10	J1351204	Bolt	
11	J1559244	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
12	J1544758	Snorkel Tube Assembly	Refer to <i>Snorkel Tube Assembly</i> section for parts breakdown
13	J1560838	Intake Guard Weldment	
14	J1550367	Blower	Refer to <i>Electrical Parts and Conduit</i> section for parts breakdown
15	J1122118	Screw	8 required
16	M400014	Washer	8 required
17	J1001304	Washer	8 required
18	J1185107	Screw	4 required
19	J1578251	Blower Adapter Weldment	
20	J1552447	Butterfly Damper Assembly	Refer to <i>Butterfly Damper Assembly</i> section for parts breakdown
21	J1562602	Steam Coil Assembly	Refer to <i>Steam Coil Assembly</i> section for parts breakdown
22	J1548825	Heat Exchanger Assembly	Refer to <i>Heat Exchanger Assembly</i> section for parts breakdown
23	JA-51527	Gasket	8 required; Rubber
24	J1398544	Pipe Nipple	2 required
25	J1438993	Nipple Weldment	2 required
26	J1567775	Blower	200 Volt/50 Hertz/3 Phase
	J0220243-00	Blower	
	J1567767	Blower	575 Volt/60 Hertz/3 Phase
27	J1561158	Damper Box Assembly	Refer to <i>Damper Box Assembly</i> section for parts breakdown
28	J1475425	Filter Box Adapter Weldment	
29	J1475409	Filter Box Weldment	
30	JC-80513	Washer	8 required
31	J1185073	Washer	8 required
32	JA-53020	Screw	6 required for whole system
33	JA-53679	Air Filter	2 required

Low Pressure Air System (Drawing 2 of 2)

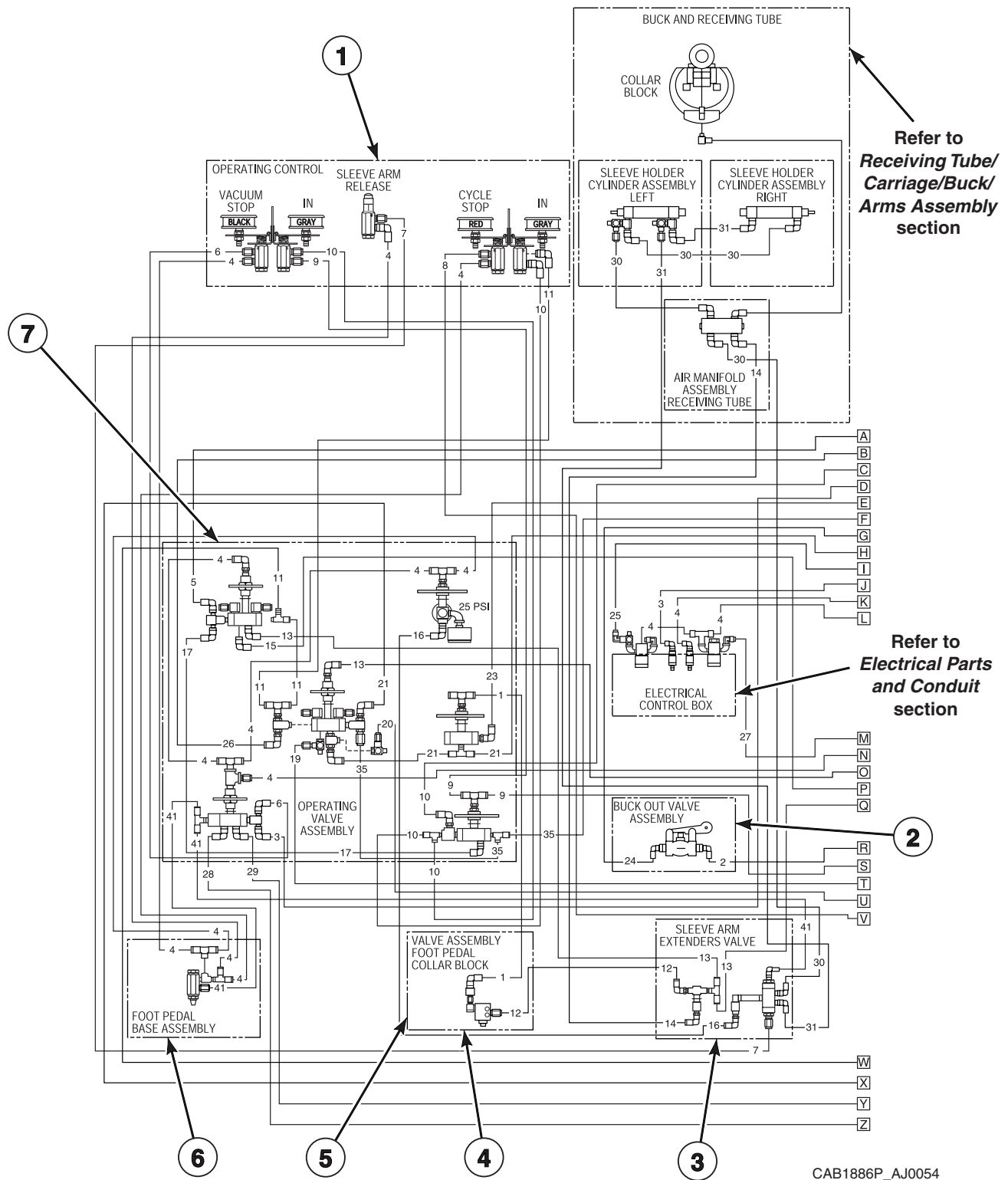


CAB2372P_AJ0054

Low Pressure Air System (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1477066	Hose	2 inch ID
2	J200270700	Spiral Hose Clamp	8 required; Hose
3	J200180600	Hose	2-1/2 inch ID; Sold per foot
4	J200270800	Spiral Hose Clamp	4 required
5	J1121011	Hose	2-1/2 inch ID; Sold per foot
6	J1153865	Worm Gear Clamp	2 required
7	J1394782	Hose	3 required; 1-1/8 inch ID; 32 inches
8	JM-96004	Hose	2 inch ID; Sold per foot
9	J1563048	Hose	4 inch ID; Sold per foot
10	JC-21539	Worm Gear Clamp	4 required; Hose
11	J200270900	Spiral Hose Clamp	4 required; Hose
12	J1586213	Insulation	Fiberglass
13	J1588748P	Hose Kit	4 inch ID; Includes J1586213 Insulation and J1642123 Hose
14	JM-96005	Hose	3 inch ID; Sold per foot
15	J200187404	Hose	3 inch ID; 34 inches
	JM-96005	Hose	3 inch ID; Sold per foot
16	JA-53020	Screw	6 required for whole system
17	J1185073	Washer	8 required for whole system
18	JC-80513	Washer	8 required for whole system
19	J1562735	Vacuum Manifold Weldment	
20	J1477066	Hose	2 inch ID
21	J200180502	Hose	2 inch ID; 50 inches
	J200180500	Hose	2 inch ID; Sold per foot
22	JA-50949	Spring	
23	JA-51665	Hook	
24	J1000975	Washer	16 required for whole system
25	J1000736	Nut	2 required

Air System - Models Through August 2003 (Drawing 1 of 2)

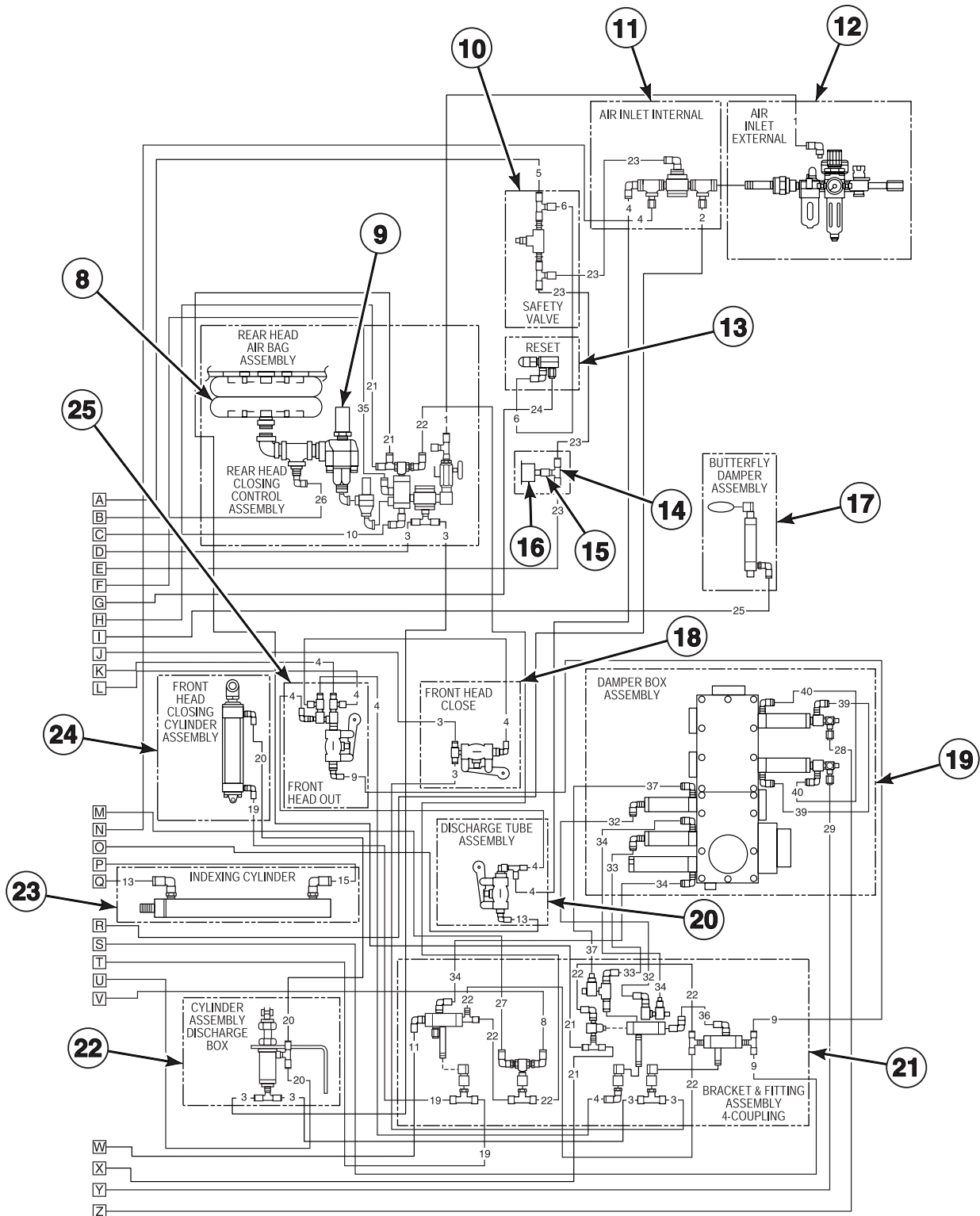


CAB1886P_AJ0054

Air System - Models Through August 2003 (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1103970-00	Tubing	1/4 inch OD polyflo
1	J1555952	Operating Control Assembly	Refer to <i>Operating Control Cover Assembly</i> section for parts breakdown
2	J1557388	Buck Out Valve Assembly	Refer to <i>Buck Out Valve Assembly</i> section for parts breakdown
3	J1557420	Bracket and Fitting Assembly	Refer to <i>Bracket and Fitting Assembly</i> section for parts breakdown
4	J1484930	Pedal Base Assembly	Refer to <i>Pedal Base Assembly</i> section for parts breakdown
5	J1485010	Valve Assembly	Refer to <i>Collar Block Foot Pedal Valve Assembly</i> section for parts breakdown
6	J1484682	Pedal Base and Valve Assembly	Sleeve expander and vacuum; Refer to <i>Pedal Base and Valve Assembly</i> section for parts breakdown
7	J1555945	Operating Valve Assembly	Refer to <i>Operating Valve Assembly</i> section for parts breakdown

Air System - Models Through August 2003 (Drawing 2 of 2)

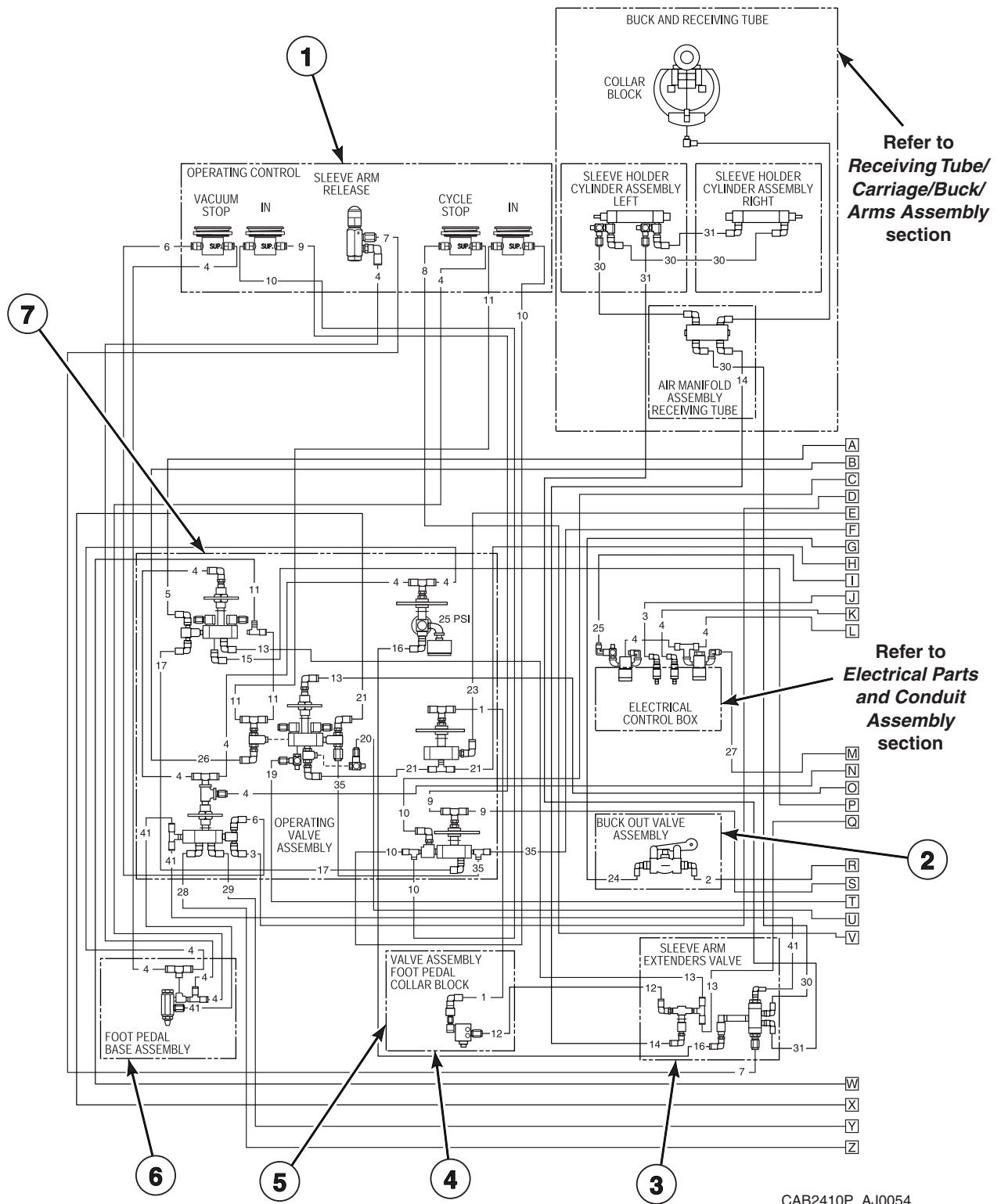


CAB1887P_AJ0054

Air System - Models Through August 2003 (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
8	J1559194	Air Bag Assembly	Refer to <i>Air Bag Assembly</i> section for parts breakdown
9	J1557453	Rear Head Closing Control	Refer to <i>Rear Head Closing Control Assembly</i> section for parts breakdown
10	J1579002	Safety Valve Assembly	Refer to <i>Safety Valve Assembly</i> section for parts breakdown
11	J1557446	Internal Air Inlet Assembly	Refer to <i>Internal Air Inlet Assembly</i> section for parts breakdown
12	J1615129	Air Inlet Assembly	F.R.L.; Refer to <i>Air Inlet Assembly</i> section for parts breakdown
13	J1445303	Reset Valve Assembly	Refer to <i>Reset Valve Assembly</i> section for parts breakdown
14	J1437029	Quick Tubing Tee	2 required
15	J1018571	Pipe Coupling	
16	J200128200	Pressure Gauge	0-100 PSI
17	J1552447	Butterfly Damper Assembly	Refer to <i>Butterfly Damper Assembly</i> section for parts breakdown
18	J1557404	Front Head Close Valve Assembly	Refer to <i>Front Head Close Valve Assembly</i> section for parts breakdown
19	J1561158	Damper Box Assembly	Refer to <i>Damper Box Assembly</i> section for parts breakdown
20	J1559244	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
21	J1557412	Bracket and Fitting Assembly	Refer to <i>Bracket and Fitting Assembly</i> section for parts breakdown
22	J1559186	Cylinder Assembly	Refer to <i>Discharge Box Cylinder Assembly</i> section for parts breakdown
23	J1457290P	Air Cylinder Kit	Refer to <i>Indexing Cylinder Assembly</i> section for parts breakdown
24	J1559202	Front Head Closing Cylinder	Refer to <i>Front Head Closing Cylinder Assembly</i> section for parts breakdown
25	J1557396	Front Head Open Valve Assembly	Refer to <i>Front Head Open Valve Assembly</i> section for parts breakdown

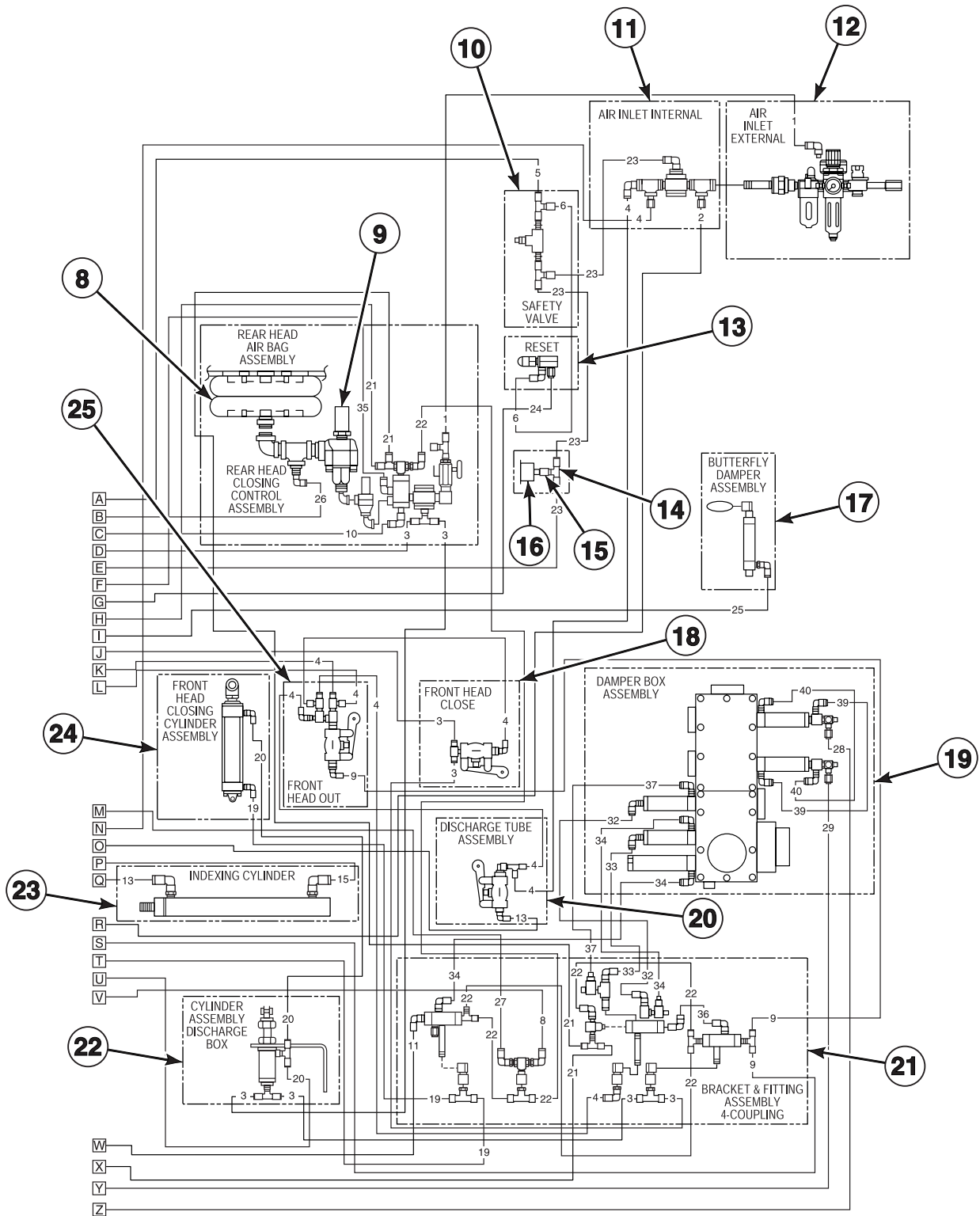
Air System - Models Starting September 2003 (Drawing 1 of 2)



Air System - Models Starting September 2003 (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1103970-00	Tubing	1/4 inch OD polyflo
1	J200013800	Operating Control Assembly	Refer to <i>Operating Control Cover Assembly</i> section for parts breakdown
2	J1557388	Buck Out Valve Assembly	Refer to <i>Buck Out Valve Assembly</i> section for parts breakdown
3	J1557420	Bracket and Fitting Assembly	Refer to <i>Bracket and Fitting Assembly</i> section for parts breakdown
4	J1484930	Pedal Base Assembly	Refer to <i>Pedal Base Assembly</i> section for parts breakdown
5	J1485010	Valve Assembly	Refer to <i>Collar Block Foot Pedal Valve Assembly</i> section for parts breakdown
6	J1484682	Pedal Base and Valve Assembly	Sleeve expander and vacuum; Refer to <i>Pedal Base and Valve Assembly</i> section for parts breakdown
7	J1555945	Operating Valve Assembly	Refer to <i>Operating Valve Assembly</i> section for parts breakdown

Air System - Models Starting September 2003 (Drawing 2 of 2)

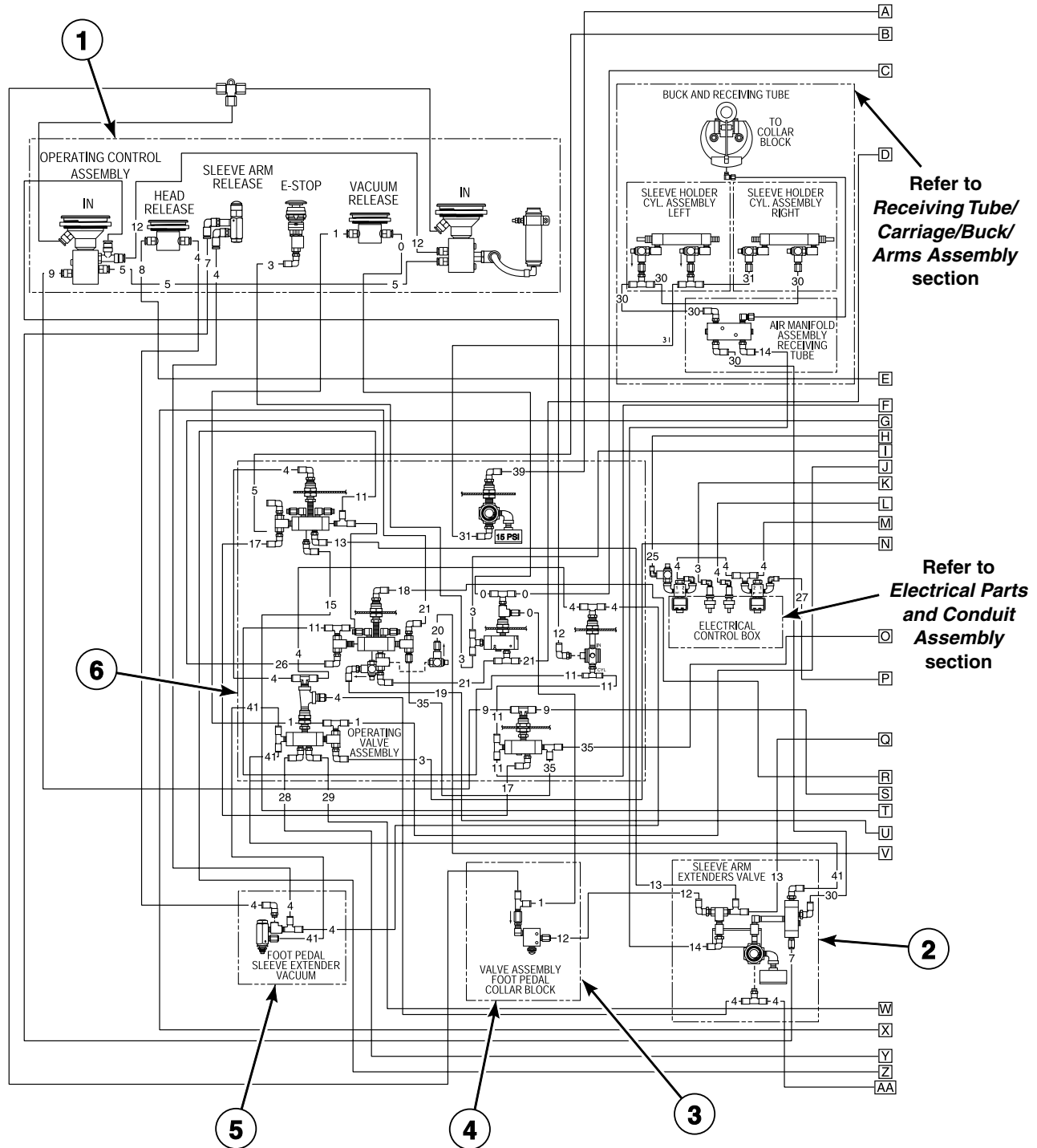


CAB1887P_AJ0054

Air System - Models Starting September 2003 (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
8	J1559194	Air Bag Assembly	Refer to <i>Air Bag Assembly</i> section for parts breakdown
9	J1557453	Rear Head Closing Control	Refer to <i>Rear Head Closing Control Assembly</i> section for parts breakdown
10	J1579002	Safety Valve Assembly	Refer to <i>Safety Valve Assembly</i> section for parts breakdown
11	J1557446	Internal Air Inlet Assembly	Refer to <i>Internal Air Inlet Assembly</i> section for parts breakdown
12	J1615129	Air Inlet Assembly	F.R.L.; Refer to <i>Air Inlet Assembly</i> section for parts breakdown
13	J1445303	Reset Valve Assembly	Refer to <i>Reset Valve Assembly</i> section for parts breakdown
14	J1437029	Quick Tubing Tee	2 required
15	J1018571	Pipe Coupling	
16	J200128200	Pressure Gauge	0-100 PSI
17	J1552447	Butterfly Damper Assembly	Refer to <i>Butterfly Damper Assembly</i> section for parts breakdown
18	J1557404	Front Head Close Valve Assembly	Refer to <i>Front Head Close Valve Assembly</i> section for parts breakdown
19	J1561158	Damper Box Assembly	Refer to <i>Damper Box Assembly</i> section for parts breakdown
20	J1559244	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
21	J1557412	Bracket and Fitting Assembly	Refer to <i>Bracket and Fitting Assembly</i> section for parts breakdown
22	J1559186	Cylinder Assembly	Refer to <i>Discharge Box Cylinder Assembly</i> section for parts breakdown
23	J1457290P	Air Cylinder Kit	Refer to <i>Indexing Cylinder Assembly</i> section for parts breakdown
24	J1559202	Front Head Closing Cylinder	Refer to <i>Front Head Closing Cylinder Assembly</i> section for parts breakdown
25	J1557396	Front Head Open Valve Assembly	Refer to <i>Front Head Open Valve Assembly</i> section for parts breakdown

Air System - CE Models (Drawing 1 of 2)

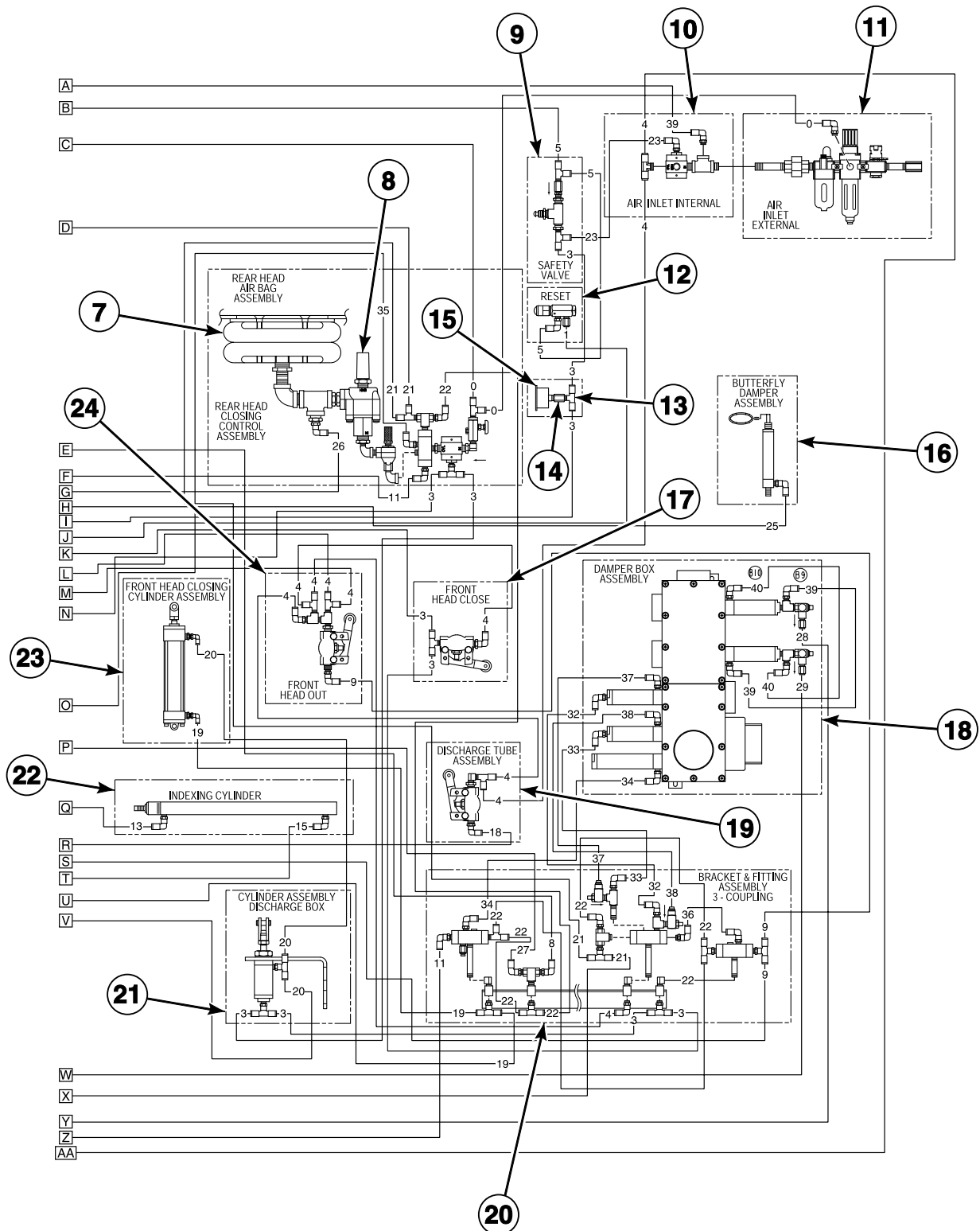


CAB2484P_AJ0054

Air System - CE Models (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1103970-00	Tubing	1/4 inch OD polyflo
1	J200014300	Operating Control Assembly	Refer to <i>Operating Control Cover Assembly</i> section for parts breakdown
2	J1557420	Bracket and Fitting Assembly	Refer to <i>Bracket and Fitting Assembly</i> section for parts breakdown
3	J1484930	Pedal Base Assembly	Refer to <i>Pedal Base Assembly</i> section for parts breakdown
4	J1485010	Valve Assembly	Refer to <i>Collar Block Foot Pedal Valve Assembly</i> section for parts breakdown
5	J1484682	Pedal Base and Valve Assembly	Sleeve expander and vacuum; Refer to <i>Pedal Base and Valve Assembly</i> section for parts breakdown
6	J1555945	Operating Valve Assembly	Refer to <i>Operating Valve Assembly</i> section for parts breakdown

Air System - CE Models (Drawing 2 of 2)

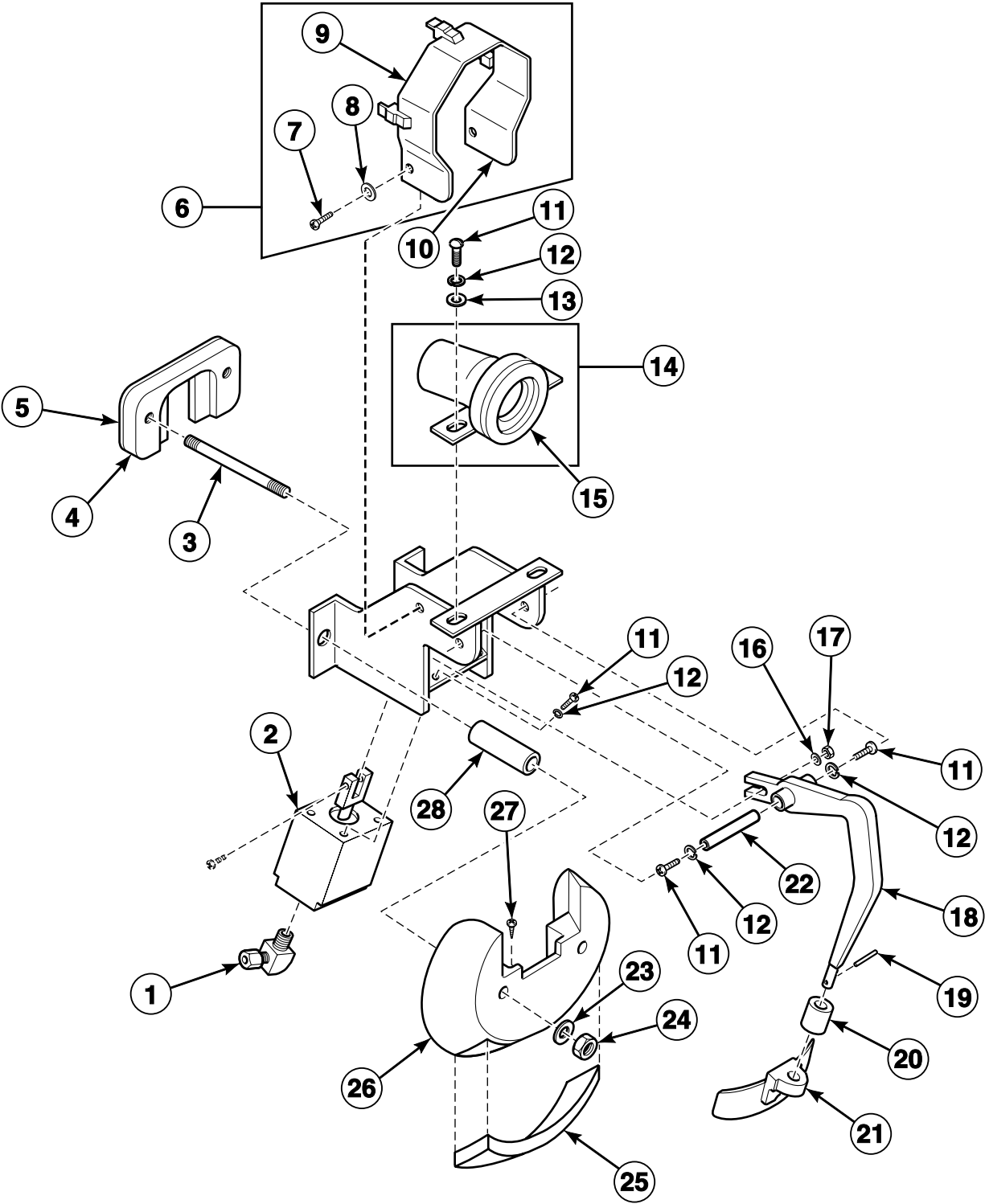


CAB2418P_AJ0054

Air System - CE Models (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
7	J1559194	Air Bag Assembly	Refer to <i>Air Bag Assembly</i> section for parts breakdown
8	J1557453	Rear Head Closing Control	Refer to <i>Rear Head Closing Control Assembly</i> section for parts breakdown
9	J1579002	Safety Valve Assembly	Refer to <i>Safety Valve Assembly</i> section for parts breakdown
10	J1557446	Internal Air Inlet Assembly	Refer to <i>Internal Air Inlet Assembly</i> section for parts breakdown
11	J1615129	Air Inlet Assembly	F.R.L.; Refer to <i>Air Inlet Assembly</i> section for parts breakdown
12	J1445303	Reset Valve Assembly	Refer to <i>Reset Valve Assembly</i> section for parts breakdown
13	J1437029	Quick Tubing Tee	2 required
14	J1018571	Pipe Coupling	
15	J200128200	Pressure Gauge	0-100 PSI
16	J1552447	Butterfly Damper Assembly	Refer to <i>Butterfly Damper Assembly</i> section for parts breakdown
17	J1557404	Front Head Close Valve Assembly	Refer to <i>Front Head Close Valve Assembly</i> section for parts breakdown
18	J1561158	Damper Box Assembly	Refer to <i>Damper Box Assembly</i> section for parts breakdown
19	J1559244	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
20	J1557412	Bracket and Fitting Assembly	Refer to <i>Bracket and Fitting Assembly</i> section for parts breakdown
21	J1559186	Cylinder Assembly	Refer to <i>Discharge Box Cylinder Assembly</i> section for parts breakdown
22	J1457290P	Air Cylinder Kit	Refer to <i>Indexing Cylinder Assembly</i> section for parts breakdown
23	J1559202	Front Head Closing Cylinder	Refer to <i>Front Head Closing Cylinder Assembly</i> section for parts breakdown
24	J1557396	Front Head Open Valve Assembly	Refer to <i>Front Head Open Valve Assembly</i> section for parts breakdown

Collar Block Assembly - Models Through May 2004

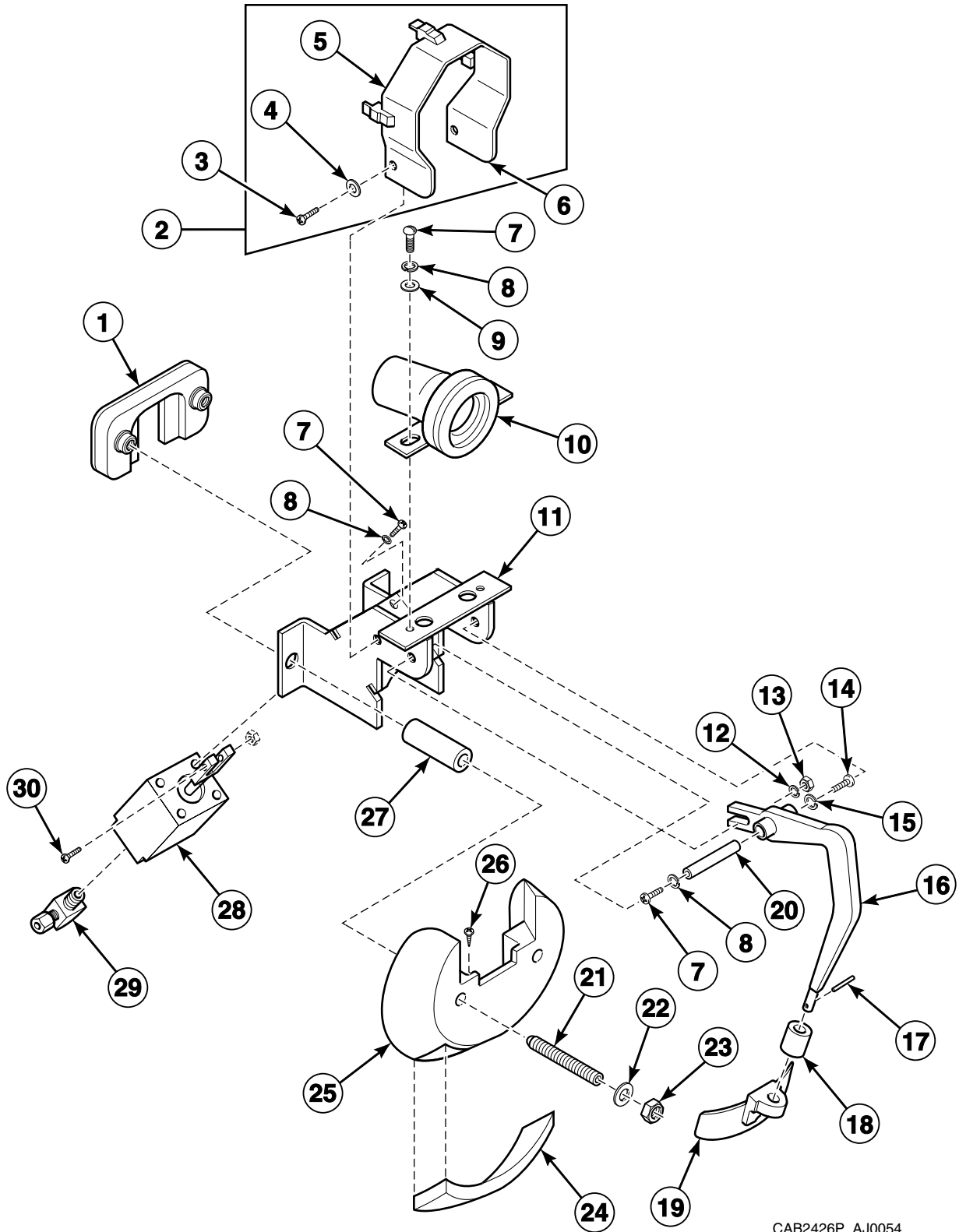


CAB2360P_AJ0054

Collar Block Assembly - Models Through May 2004

REF	PART NO.	DESCRIPTION	COMMENTS
	J200104200	Collar Block Assembly	Includes items 1-28
1	JA-50770	Male Compression Elbow	
2	J1504018	Collar Block Cylinder Assembly	Refer to <i>Collar Block Cylinder Assembly</i> section for parts breakdown
3	J200144100	Screw	2 required
4	J200103900	Mounting Bracket Plate	Mounting bracket
5	J1413087	Mounting Bracket Tape	Bracket mounting
6	J0637755-00	Heat Shield and Cover Assembly	Includes items 7-10
7	JA-51675	Screw	2 required
8	F430311	Washer	
9	J0150523-00	Heat Shield Cover	
10	J0637754-00	Heat Shield	
11	J1185107	Screw	8 required
12	J1000975	Washer	9 required
13	J1001213	Washer	8 required
14	JA-09174	Collar Tube Assembly	Includes item 15
15	J1401389	Seal	Silicon
16	J1085984	Washer	
17	J1489053	Screw	
18	J1624774	Collar Block Arm Assembly	
19	J1407725	Roll Pin	
20	J1648831	Collar Block Spacer	
21	JA-22812	Swivel Clamp	
22	J1484401	Collar Block Axle	
23	F431134	Washer	2 required
24	M400026	Nut	2 required
25	JA-09244	Insert Assembly	
26	JA-24340	Collar Block	
27	JA-50454	Screw	2 required
28	J1488873	Collar Block Spacer	2 required

Collar Block Assembly - Models Starting June 2004

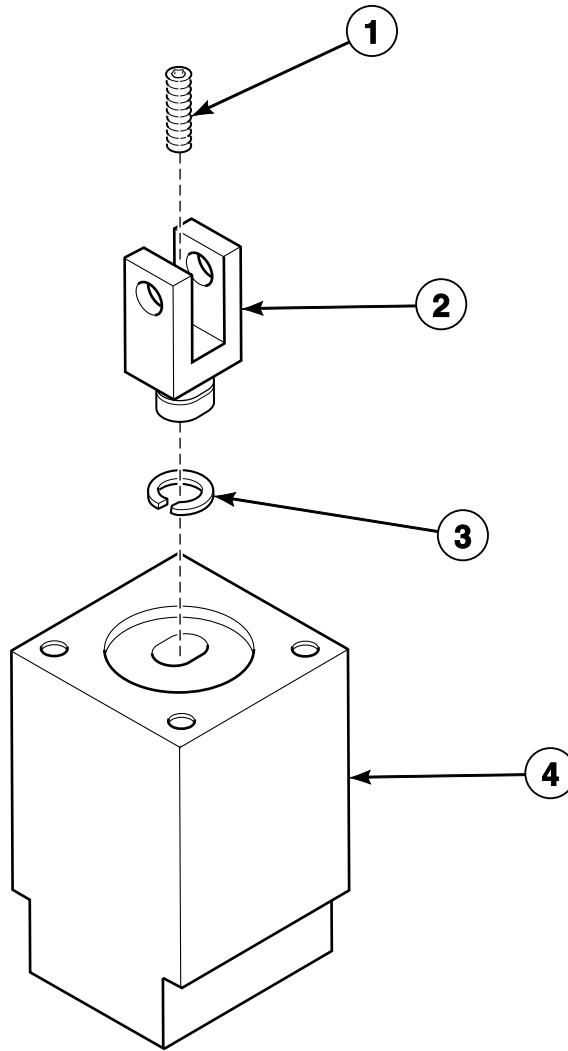


CAB2426P_AJ0054

Collar Block Assembly - Models Starting June 2004

REF	PART NO.	DESCRIPTION	COMMENTS
	J200104200	Collar Block Assembly	Includes items 1, 2 and 7-30
1	J200103900	Mounting Bracket Plate	
2	J0637755-00	Heat Shield and Cover Assembly	Includes items 3-6
3	F430909	Screw	2 required
4	F430311	Washer	2 required
5	J0150523-00	Heat Shield Cover	Nomex
6	J0637754-00	Heat Shield	
7	J1185107	Screw	6 required
8	J1000975	Washer	6 required
9	J1001213	Washer	2 required
10	JA-09174	Collar Tube Assembly	
11	J200109000	Collar Housing Weldment	
12	J1085984	Washer	
13	J1209113	Nut	
14	J0430281-00	Screw	2 required
15	F430311	Washer	
16	J1624774	Collar Block Arm Assembly	
17	J1407725	Roll Pin	
18	J1648831	Collar Block Spacer	
19	JA-22812	Swivel Clamp	
20	J1484401	Collar Block Axle	
21	J200144100	Screw	2 required
22	F431134	Washer	2 required
23	J200144200	Nut	2 required; Torque nut to 50-60 inch/pounds when re-installing assembly
24	JA-09244	Insert Assembly	
25	JA-24340	Collar Block	
26	JA-50454	Screw	2 required
27	J200108900	Collar Block Spacer	2 required
28	J1504018	Collar Block Cylinder Assembly	Refer to <i>Collar Block Cylinder Assembly</i> section for parts breakdown
29	JA-50770	Male Compression Elbow	
30	J1489053	Screw	

Collar Block Cylinder Assembly

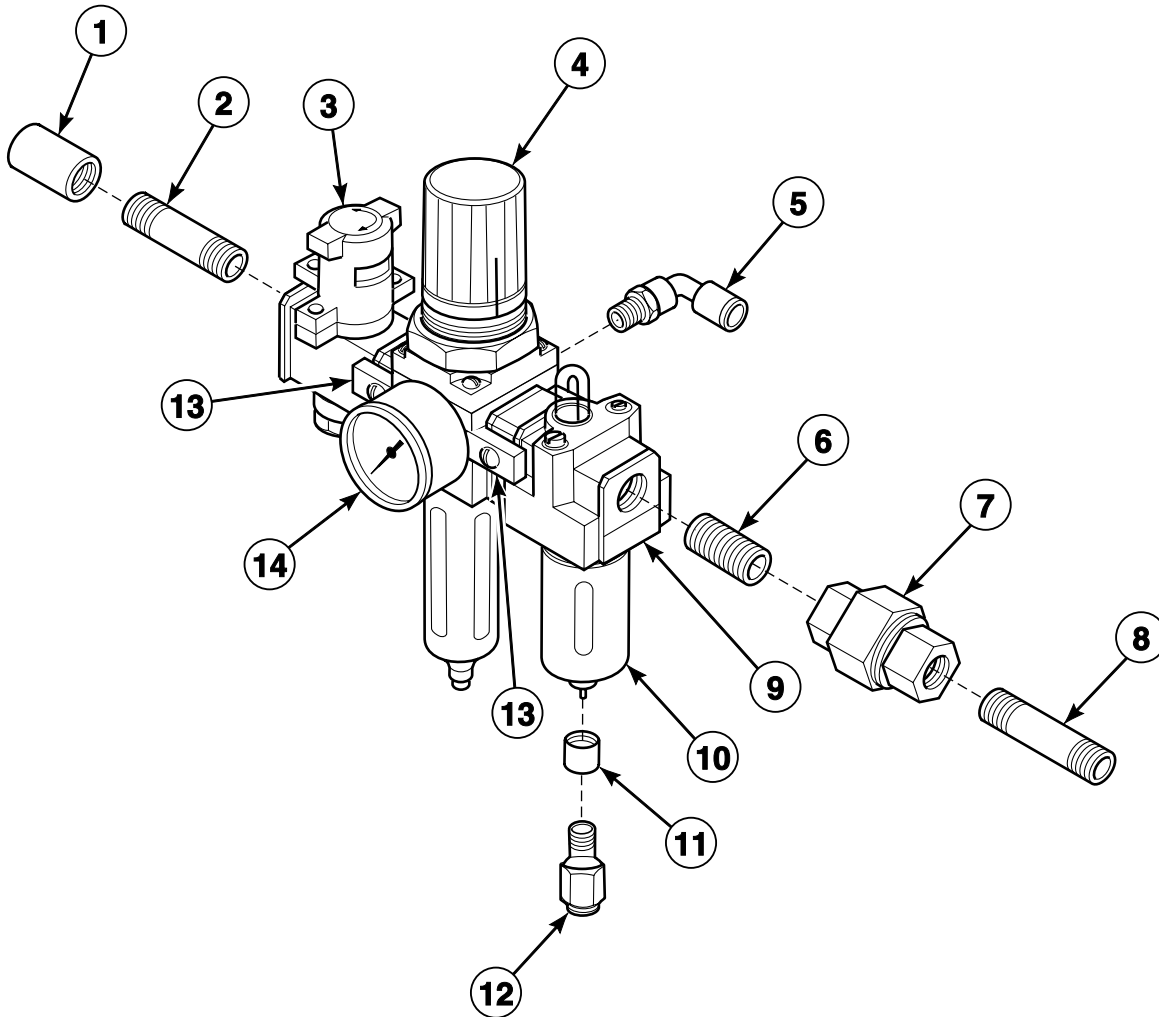


CAB2199P_AJ0054

Collar Block Cylinder Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1504018	Collar Block Cylinder Assembly	Includes items 1-4
	J1537398	Collar Block Cylinder Assembly Repair Kit	Use to repair J1504018 Collar Block Cylinder Assembly; Kit contains 4 Viton o-ring piston seals, 1 internal return spring and 1 snap ring
	J025081109	Cylinder Seal Repair Kit	Use with item 4
1	JA-50358	Screw	
2	J1484419	Collar Block Clevis	
3	J1000975	Washer	
4	J1484260	Collar Block Cylinder	

Filter/Regulator/Lubricator Assembly - Models Through November 2004

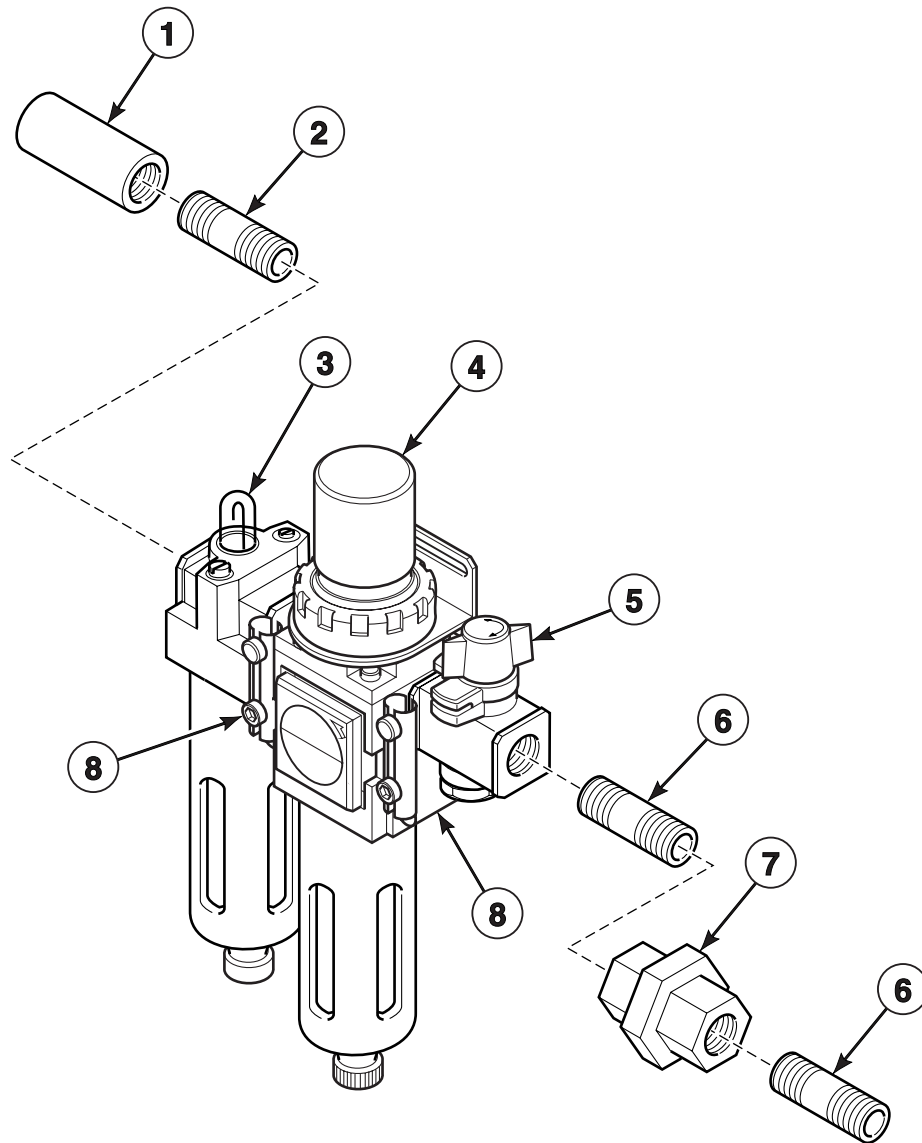


CAB2385P_AJ0054

Filter/Regulator/Lubricator Assembly - Models Through November 2004

REF	PART NO.	DESCRIPTION	COMMENTS
	J1615129	Air Inlet Assembly	Includes items 1-14
	J1557479P	Filter/Regulator/Lubricator Assembly	Includes items 3, 4, 9, 10, 13 and 14
	J1637636	Filter/Regulator Maintenance Kit	Use with item 4
	J1637644	Filter/Regulator Auto Drain Kit	Use with item 4
	J1637628	Lubricator Maintenance Kit	Use with item 9
1	JC-23002	Pipe Coupling	
2	JC-4606101	Pipe Nipple	
3	J1557503	Lock-Out Valve	Shut off
4	J1557487	Filter/Regulator	
5	J1407741	Swivel Tubing Elbow	
6	J115175201	Pipe Nipple	
7	JC-7601201	Pipe Union	
8	JC-4613101	Pipe Nipple	
9	J1557495	Lubricator	
10	J1647536	Air Lubricator Bowl	
11	J1430750	Port Adapter	
12	J1408004	Connector	
13	J1571413	Spacer	2 required
14	J1477959	Pressure Gauge	

Filter/Regulator/Lubricator Assembly - Models Starting December 2004 Through February 9, 2005

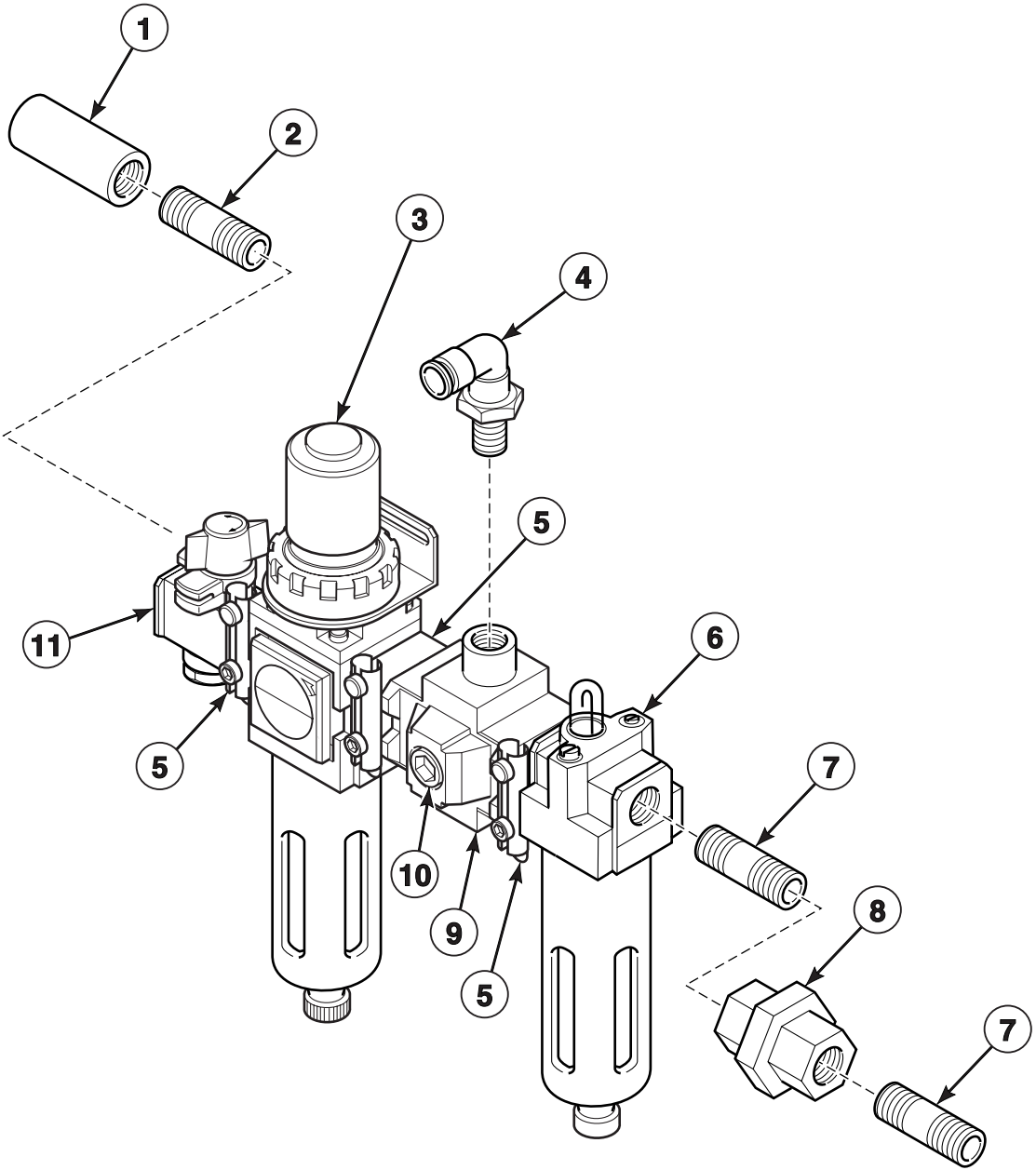


CAB2497P_AJ0054

Filter/Regulator/Lubricator Assembly - Models Starting December 2004 Through February 9, 2005

REF	PART NO.	DESCRIPTION	COMMENTS
	J200127500	Filter/Regulator/Lubricator Assembly	Includes items 3-5 and 8
1	JC-23002	Pipe Coupling	
2	JC-4606101	Pipe Nipple	
3	J200179200	Lubricator Assembly	
4	J200179100	Filter/Regulator Assembly	
5	J200179000	Lock-Out Valve	
6	J115175201	Pipe Nipple	2 required
7	JC-7601201	Pipe Union	
8	J200179300	Connector Assembly	

**Filter/Regulator/Lubricator Assembly - CE Models Through
February 9, 2005**

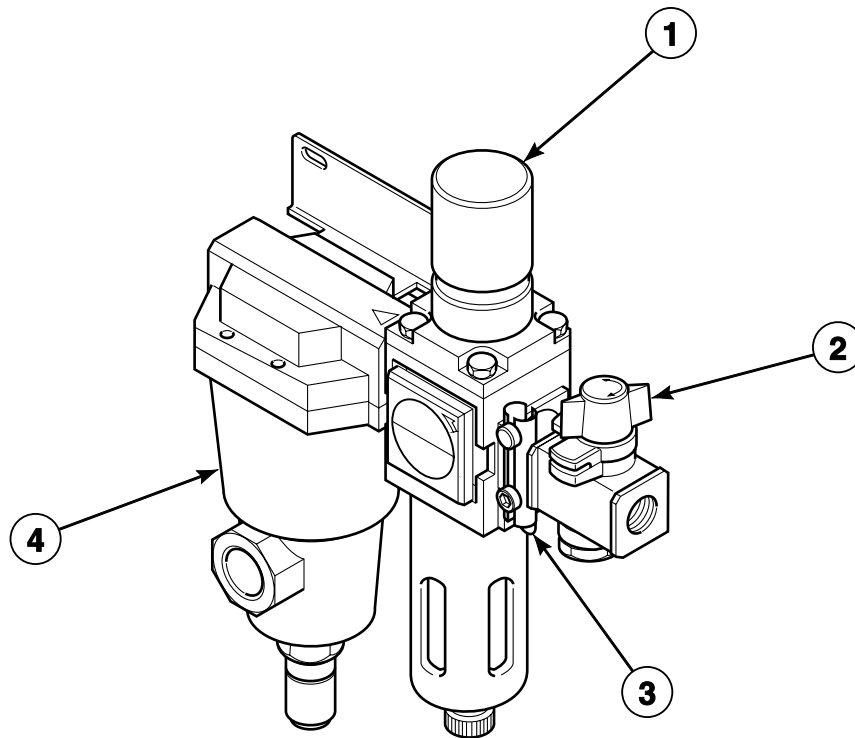


CAB2485P_AJ0054

Filter/Regulator/Lubricator Assembly - CE Models Through February 9, 2005

REF	PART NO.	DESCRIPTION	COMMENTS
	J200179700	Filter/Regulator/Lubricator Assembly	Includes items 3-8 and 11
	J200032100	Filter Kit	
	J200032200	Regulator Kit	
	J1637644	Filter/Regulator Auto Drain Kit	
	J200032400	Lubricator Kit	
1	JC-23002	Pipe Coupling	
2	JA-57064	Pipe Nipple	
3	J200179900	Filter/Regulator Assembly	
4	J1419811	Swivel Tubing Elbow	
5	J200179300	Connector Assembly	3 required
6	J200179600	Lubricator Assembly	
7	J115175201	Pipe Nipple	2 required
8	JC-7601201	Pipe Union	
9	J200179400	Cross Spacer	
10	JA-54394	Pipe Plug	3 required
11	J200179000	Lock-Out Valve	

Filter/Regulator/Mist Separator Assembly - Models Starting February 10, 2005

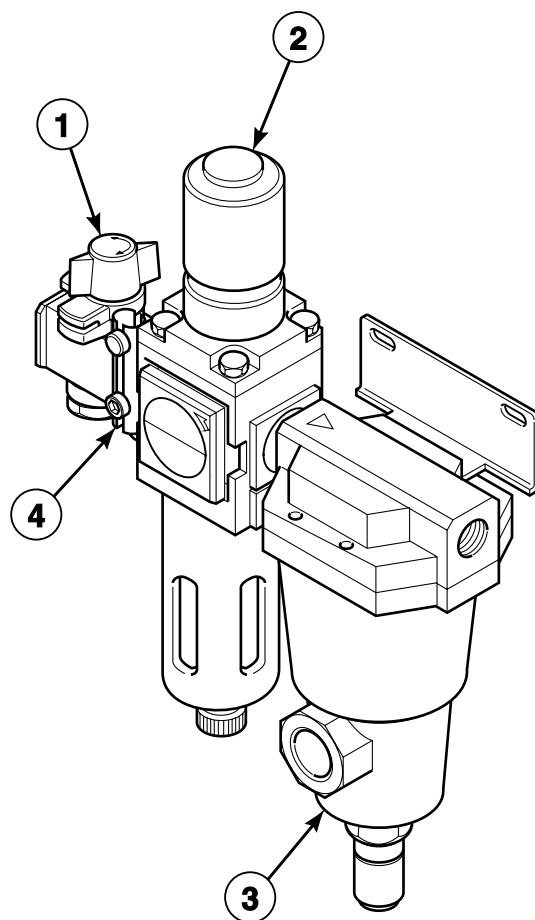


SCR1988P_AJ0054

Filter/Regulator/Mist Separator Assembly - Models Starting February 10, 2005

REF	PART NO.	DESCRIPTION	COMMENTS
	J200200400	Filter/Regulator/Mist Separator Assembly	Includes items 1-4
	J200200100	Element Replacement Kit	
	J200296900	Mist Separator Kit	To change from old style FRL to new style FRML
1	J200203800	Filter/Regulator Assembly	
2	J200179000	Lock-Out Valve	
3	J200179300	Connector Assembly	
4	J200200000	Mist Separator	

Filter/Regulator/Mist Separator Assembly - CE Models Starting February 10, 2005

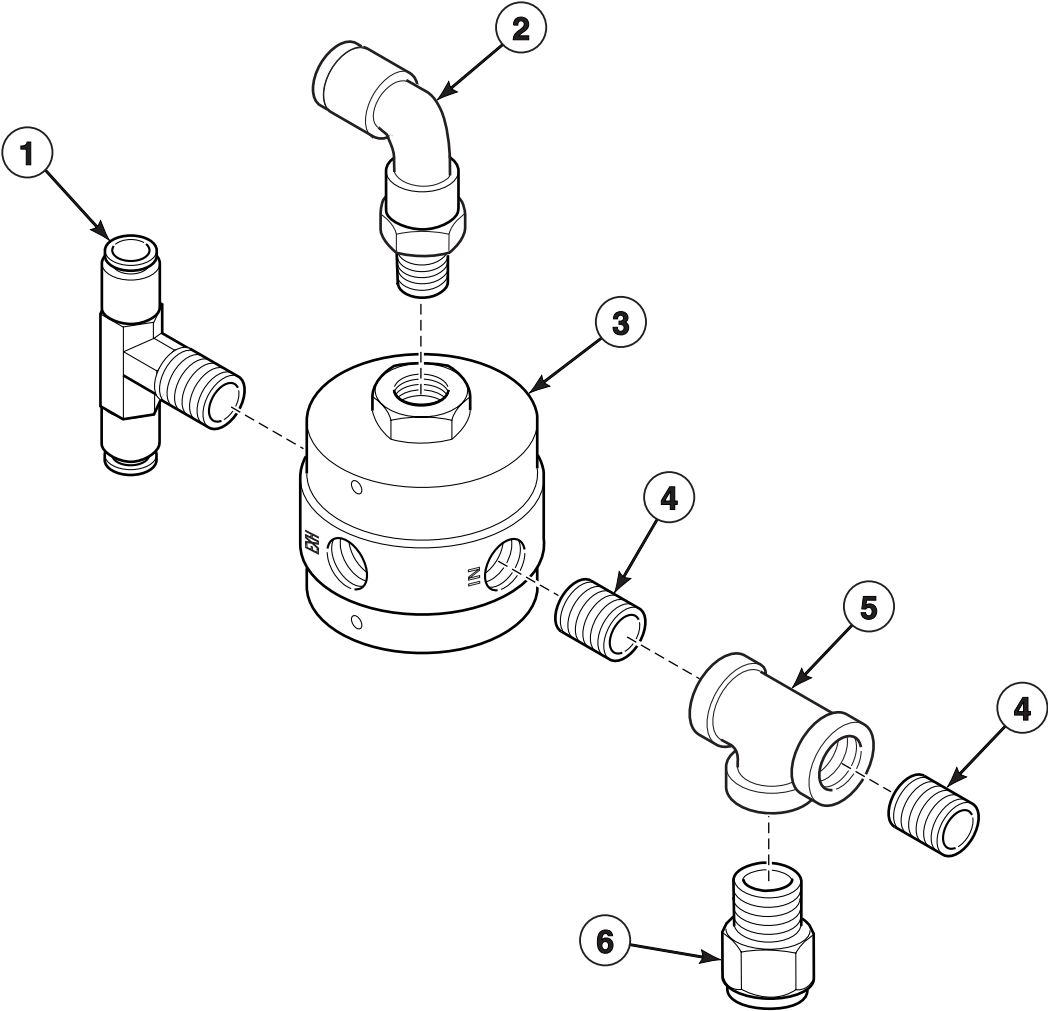


CAB2537P_AJ0054

Filter/Regulator/Mist Separator Assembly - CE Models Starting February 10, 2005

REF	PART NO.	DESCRIPTION	COMMENTS
	J200200500	Filter/Regulator/Mist Separator Assembly	Includes items 1-4
	J200200100	Element Replacement Kit	
	J200296900	Mist Separator Kit	To change from old style FRL to new style FRML
1	J200179000	Lock-Out Valve	
2	J200203900	Filter/Regulator Assembly	
3	J200199900	Mist Separator	
4	J200179300	Connector Assembly	

Internal Air Inlet Assembly

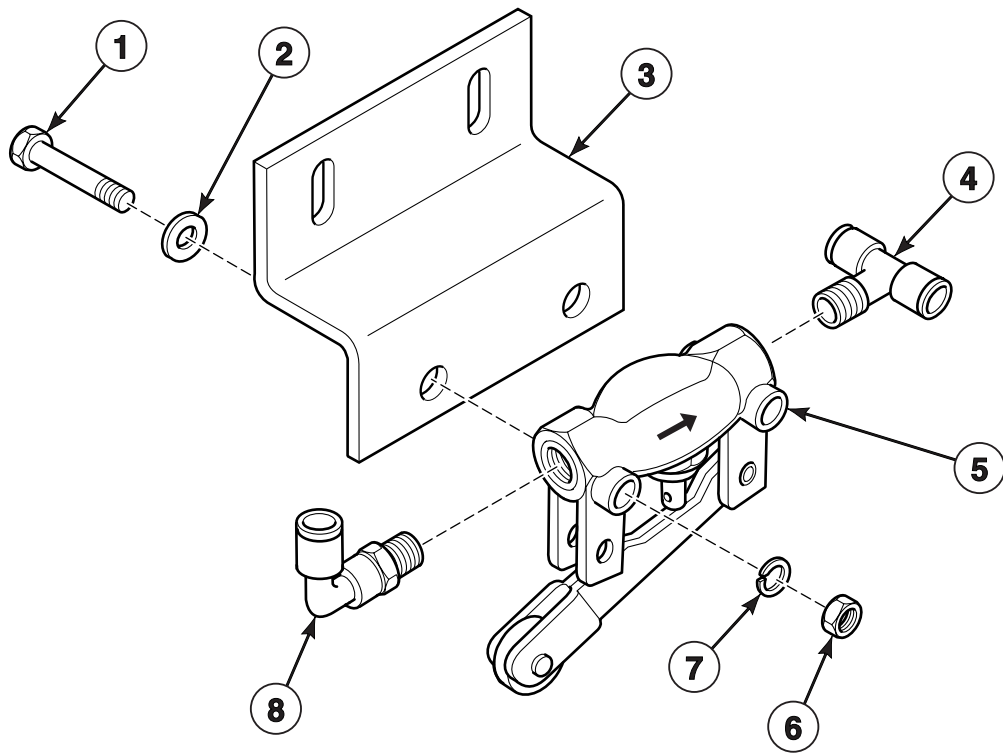


CAB1890P_AJ0054

Internal Air Inlet Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1557446	Internal Air Inlet Assembly	Includes items 1-6
1	J1460484	Quick Tubing Tee	
2	J1407741	Swivel Tubing Elbow	
3	JA-53550	3-Way Dump Valve	
4	J115175201	Pipe Nipple	2 required
5	J1018415	Pipe Tee	
6	J1463835-00	Quick Tubing Connector	

Front Head Close Valve Assembly

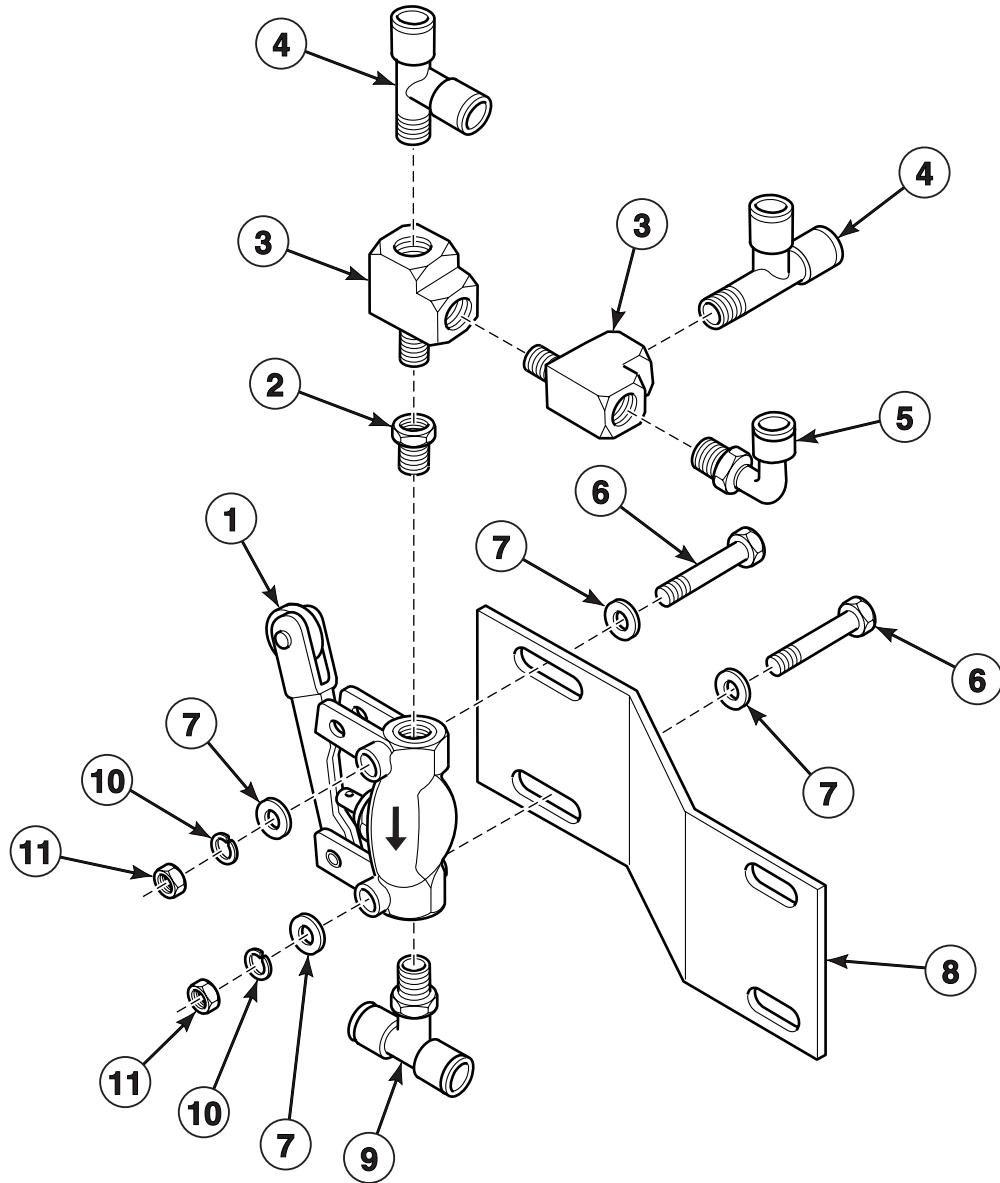


CAB1891P_AJ0054

Front Head Close Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1557404	Front Head Close Valve Assembly	Includes items 1-8
1	JA-50126	Screw	2 required
2	JC-80513	Washer	4 required
3	J1561299	Roller Valve Bracket	
4	J1460484	Quick Tubing Tee	
5	JA-53892	3-Way Air Roller Valve	
6	20275	Nut	2 required
7	J1185073	Washer	2 required
8	J1419811	Swivel Tubing Elbow	

Front Head Open Valve Assembly

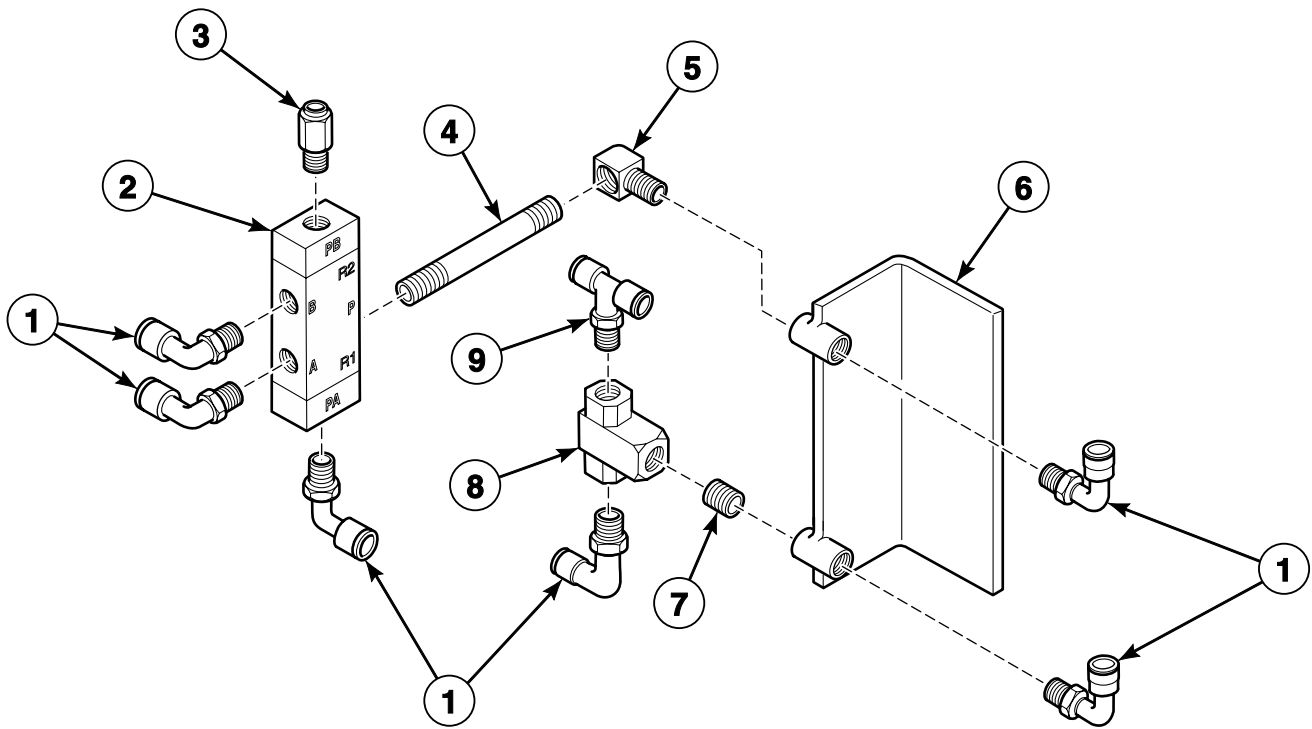


CAB1893P_AJ0054

Front Head Open Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1557396	Front Head Open Valve Assembly	Includes items 1-11
1	JA-53892	3-Way Air Roller Valve	
2	JC-19609	Reducing Bushing	
3	JC-30541	Street Pipe Tee	2 required
4	J1438357	Quick Tubing Tee	2 required
5	J1407741	Swivel Tubing Elbow	
6	JC-63116	Screw	2 required
7	JC-80513	Washer	4 required
8	J1551001	Valve Mounting Bracket	
9	J1460484	Quick Tubing Tee	
10	J1185073	Washer	2 required
11	20275	Nut	2 required

Bracket and Fitting Assembly - 2-Coupling

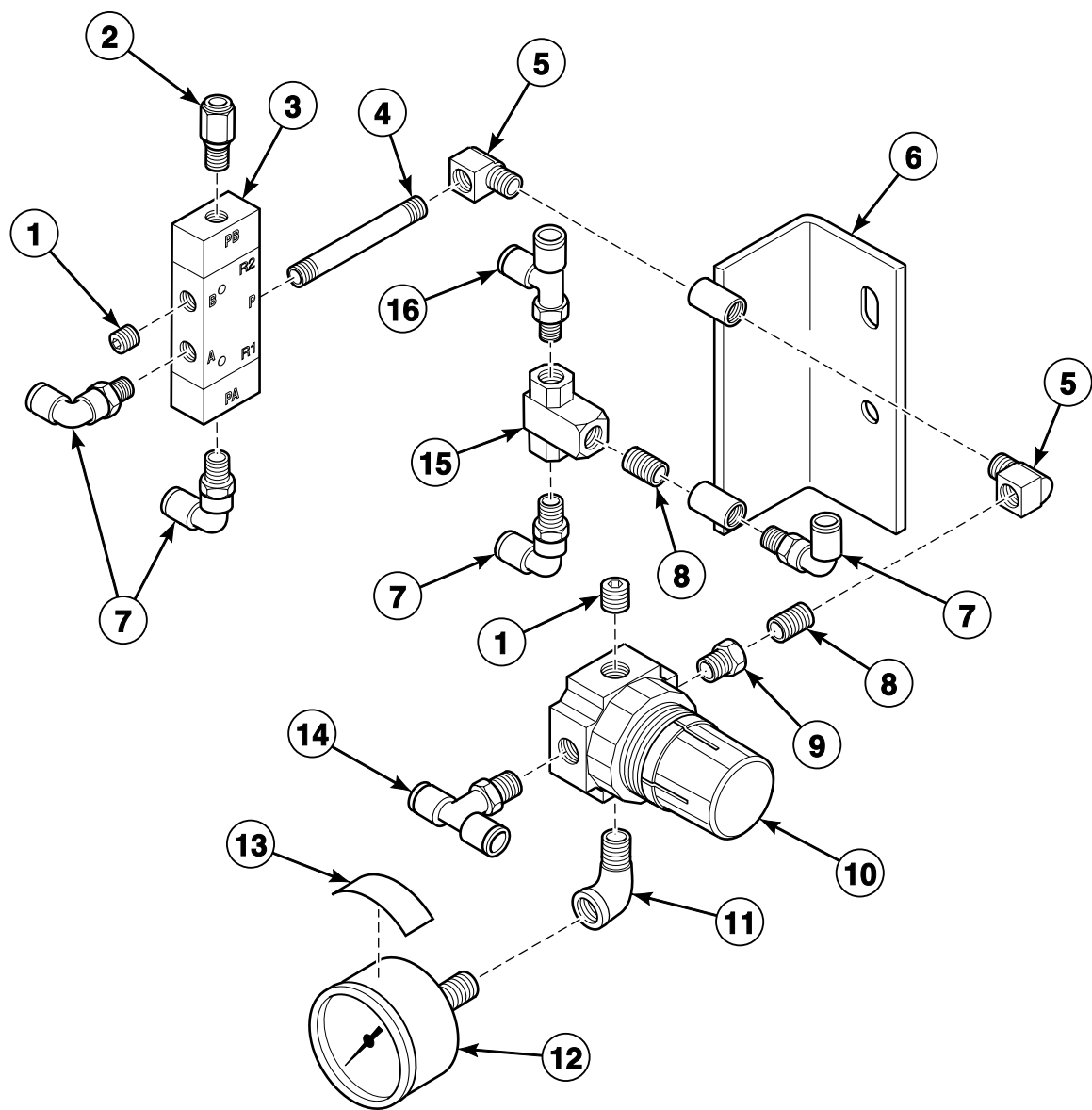


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Bracket and Fitting Assembly - 2-Coupling

REF	PART NO.	DESCRIPTION	COMMENTS
	J1557420	Bracket and Fitting Assembly	Includes items 1-9
1	J1407741	Swivel Tubing Elbow	6 required
2	J1548783	Double Air Piloted Valve	4-way
3	J1408004	Connector	
4	JC-46091	Pipe Nipple	
5	JC-28317	Street Pipe Elbow	
6	J1471986	Coupling Bracket Weldment	
7	J1232313	Pipe Nipple	
8	JA-53602	Shuttle Valve	
9	J1438357	Quick Tubing Tee	

Bracket and Fittings Valve Assembly - 2-Coupling; CE Models

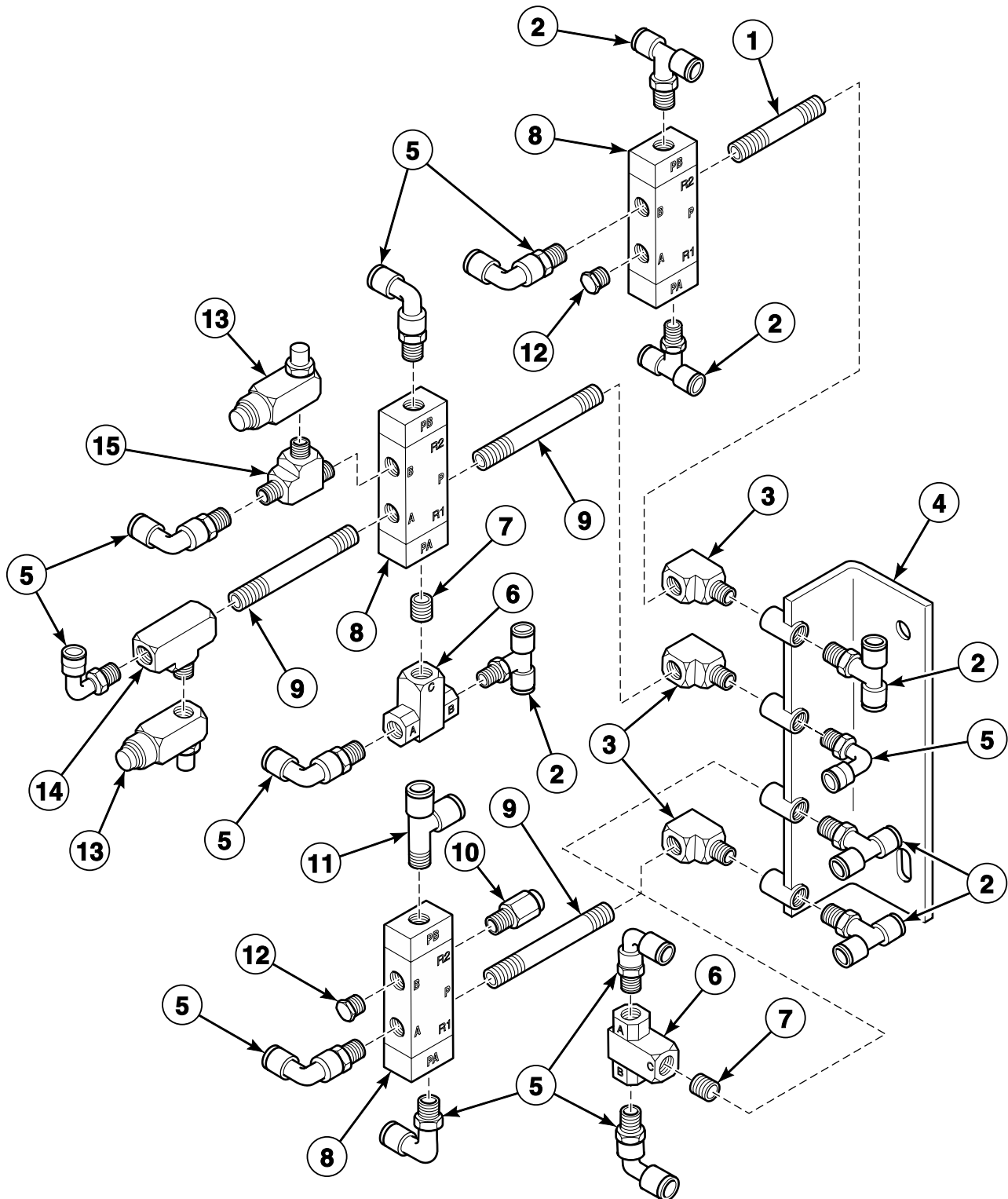


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Bracket and Fittings Valve Assembly - 2-Coupling; CE Models

REF	PART NO.	DESCRIPTION	COMMENTS
	J1643352	Bracket and Fittings Valve Assembly	Includes items 1-16
1	J1039858	Pipe Plug	2 required
2	J1408004	Connector	
3	J1548783	Double Air Piloted Valve	4-way
4	JC-46091	Pipe Nipple	
5	JC-28317	Street Pipe Elbow	2 required
6	J1471986	Coupling Bracket Weldment	2 coupling
7	J1407741	Swivel Tubing Elbow	4 required
8	J1232313	Pipe Nipple	2 required
9	JC-19609	Reducing Bushing	Red
10	J1421981	Relieving Air Regulator	
11	JC-28235	Street Pipe Elbow	
12	J1477959	Pressure Gauge	0-160 PSI
13	J1647106	Air Pressure Label	
14	J1460484	Quick Tubing Tee	
15	JA-53602	Shuttle Valve	
16	J1438357	Quick Tubing Tee	

Bracket and Fitting Assembly - 4-Coupling

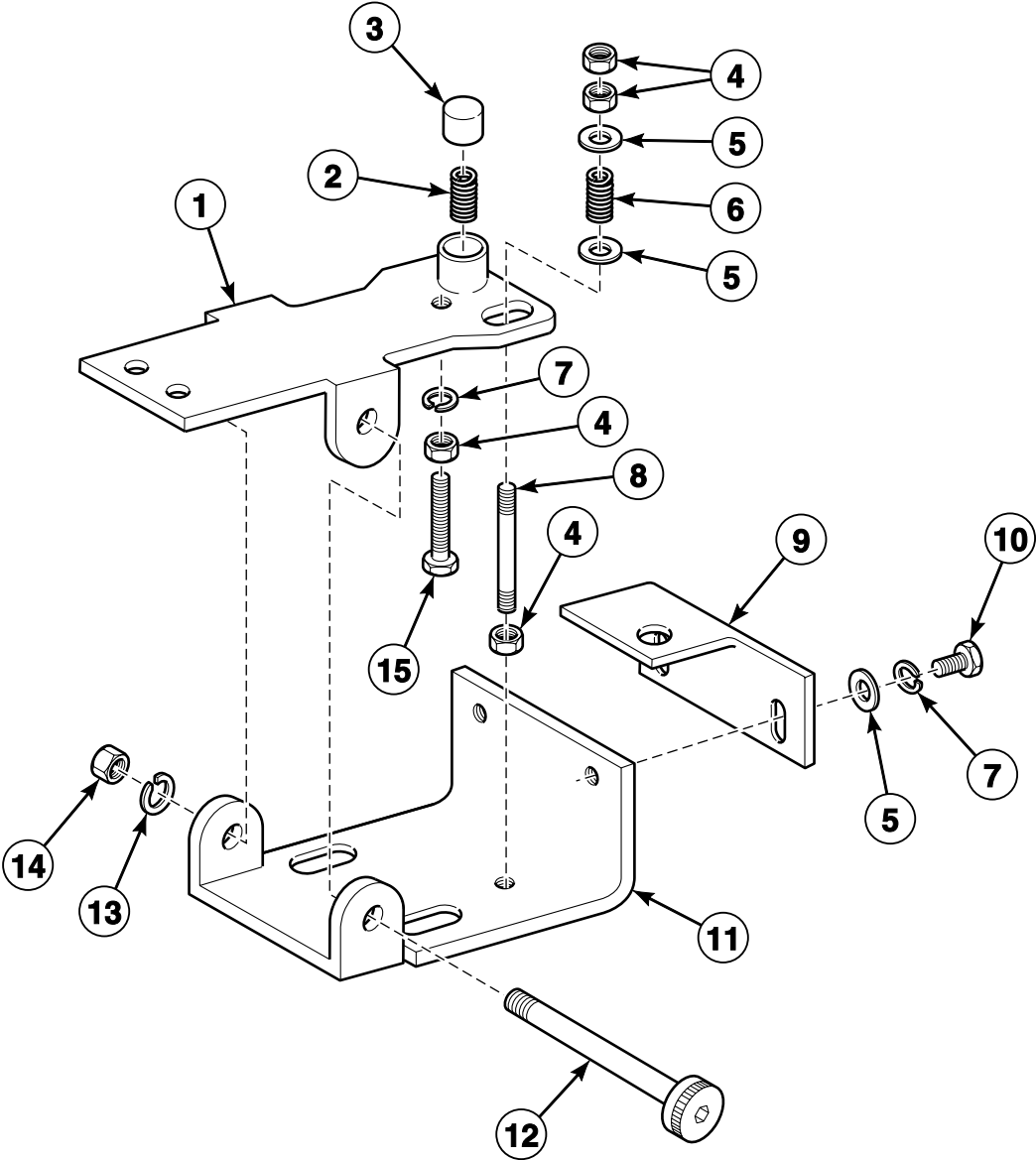


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Bracket and Fitting Assembly - 4-Coupling

REF	PART NO.	DESCRIPTION	COMMENTS
	J1557412	Bracket and Fitting Assembly	Includes items 1-15
1	J1026111	Pipe Nipple	
2	J1437029	Quick Tubing Tee	6 required
3	JC-28317	Street Pipe Elbow	3 required
4	J1523877	Manifold Weldment	
5	J1407741	Swivel Tubing Elbow	10 required
6	JA-53602	Shuttle Valve	2 required
7	J1232313	Pipe Nipple	2 required
8	J1548783	Double Air Piloted Valve	3 required; 4-way
9	JC-46091	Pipe Nipple	3 required
10	J1548403	Flow Control Valve	
11	J1438357	Quick Tubing Tee	
12	J1039858	Pipe Plug	2 required
13	J1564202	Air Flow Control	2 required
14	JC-70613	Pipe Tee	
15	JC-30541	Street Pipe Tee	

Pedal Base Assembly



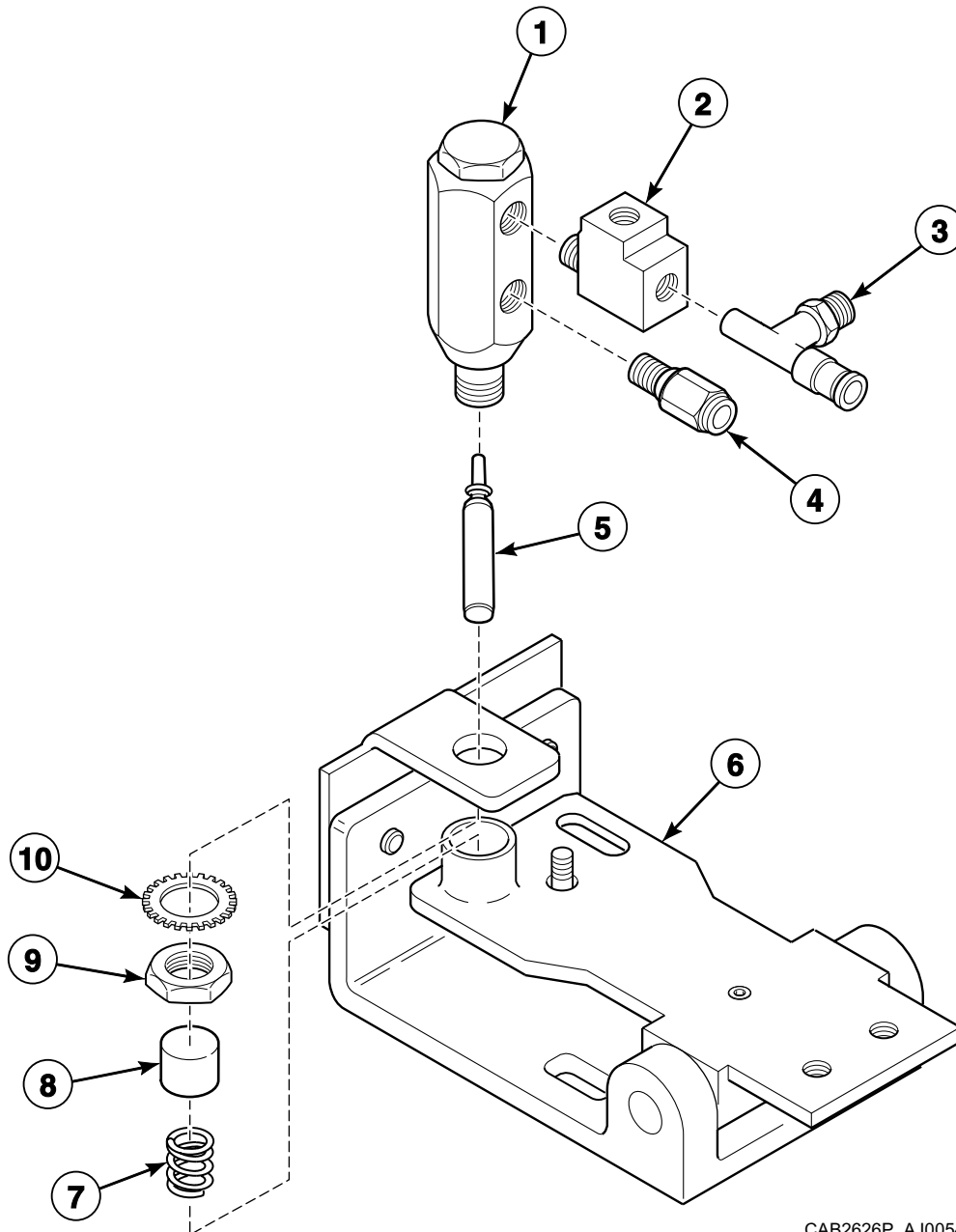
CAB1895P_AJ0054

Pedal Base Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1484930	Pedal Base Assembly	Includes items 1-15
1	J1387778	Pedal Bracket Weldment	
2	JA-52466	Spring	
3	JA-26238	Actuating Pad	
4	20275	Nut	4 required
5	JC-80513	Washer	4 required
6	JA-51376	Spring	
7	JA-51475	Washer	3 required
8	J1390673	Stud	
9	JA-25995	Pedal Bracket	
10	J1001726	Screw	2 required
11	J1387794	Pedal Base	
12	JC-62832	Screw	
13	M400013	Washer	
14	70142	Nut	
15	JA-52426	Screw	

Pedal Base and Valve Assembly

Sleeve Expander and Vacuum



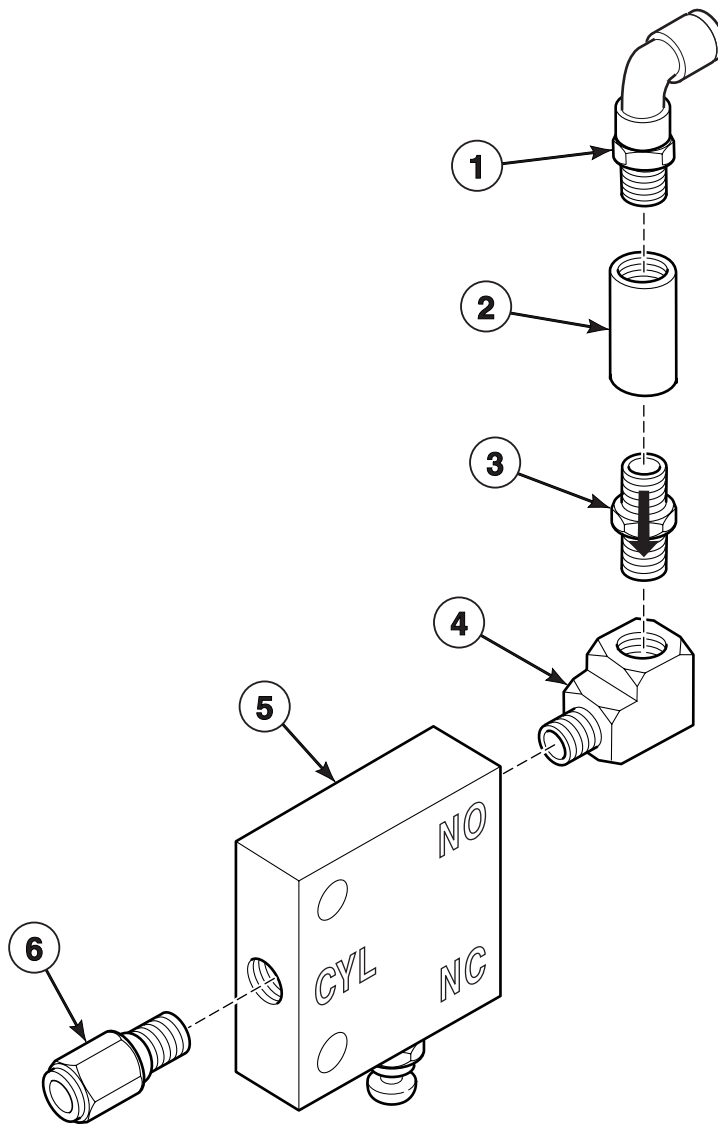
CAB2626P_AJ0054

Pedal Base and Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1484682	Pedal Base and Valve Assembly	Sleeve expander and vacuum; Includes items 1-10
1	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown
2	J1438357	Quick Tubing Tee	
3	JC-30541	Street Pipe Tee	
4	J1408004	Connector	
5	J1611417	Valve Stem Assembly	Includes J1403310 O-Ring
6	J1484930	Pedal Base Assembly	Refer to <i>Pedal Base Assembly</i> section for parts breakdown
7	JA-52466	Spring	
8	JA-26238	Actuating Pad	
9	JA-51474	Nut	
10	JA-52196	Washer	

Collar Block Foot Pedal Valve Assembly

Foot Pedal and Collar Block

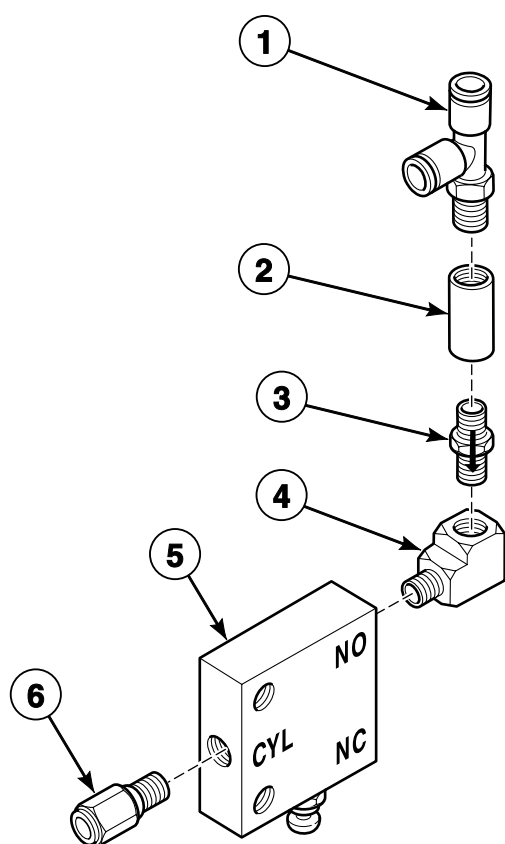


CAB1900P_AJ0054

Collar Block Foot Pedal Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1485010	Valve Assembly	Includes items 1-6
1	J1407741	Swivel Tubing Elbow	
2	J1018571	Pipe Coupling	
3	JA-54042	Check Valve	
4	J1381623	Street Elbow	
5	J1142504	3-Way Valve	
6	J1408004	Connector	

Collar Block Foot Pedal Valve Assembly - CE Models Starting September 12, 2005

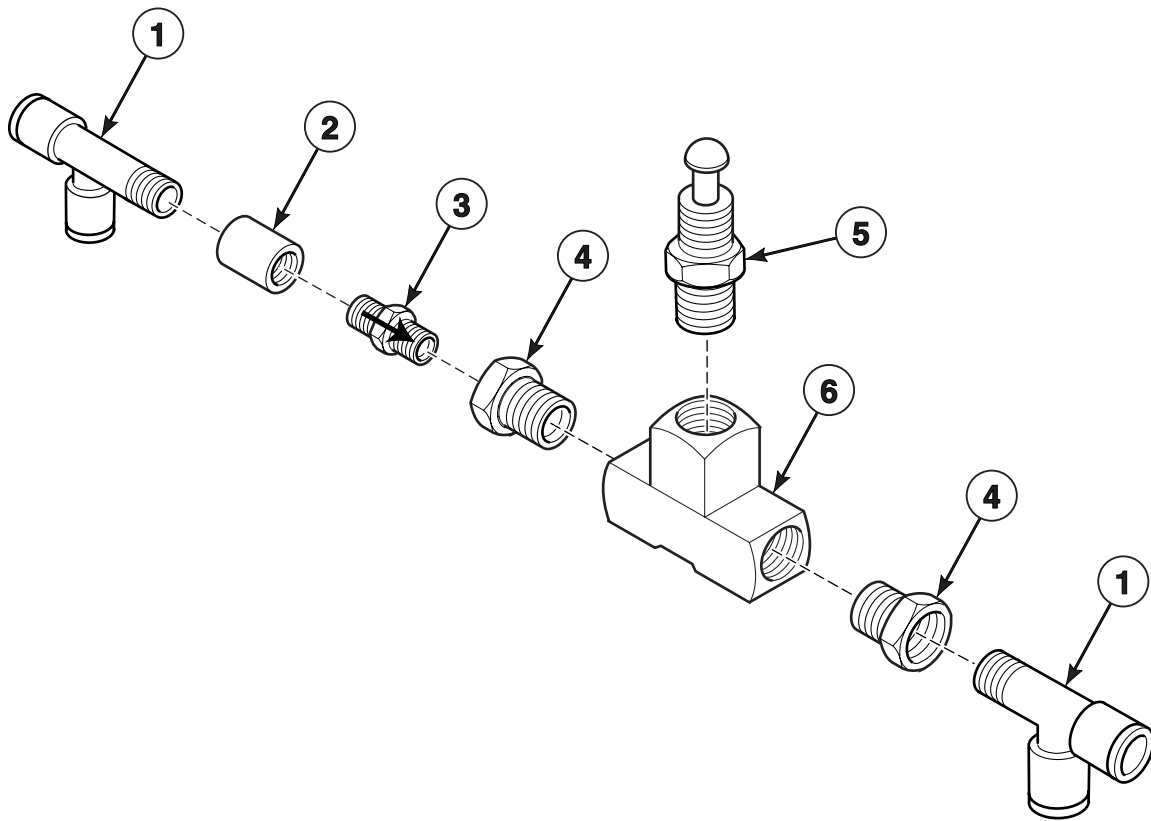


CAB2594P_AJ0054

Collar Block Foot Pedal Valve Assembly - CE Models Starting September 12, 2005

REF	PART NO.	DESCRIPTION	COMMENTS
	J200298600	Foot Pedal Valve Assembly	Includes items 1-6
1	J1438357	Quick Tubing Tee	
2	J1018571	Pipe Coupling	
3	JA-54042	Check Valve	
4	J1381623	Street Elbow	
5	J1142504	3-Way Valve	
6	J1408004	Connector	

Safety Valve Assembly

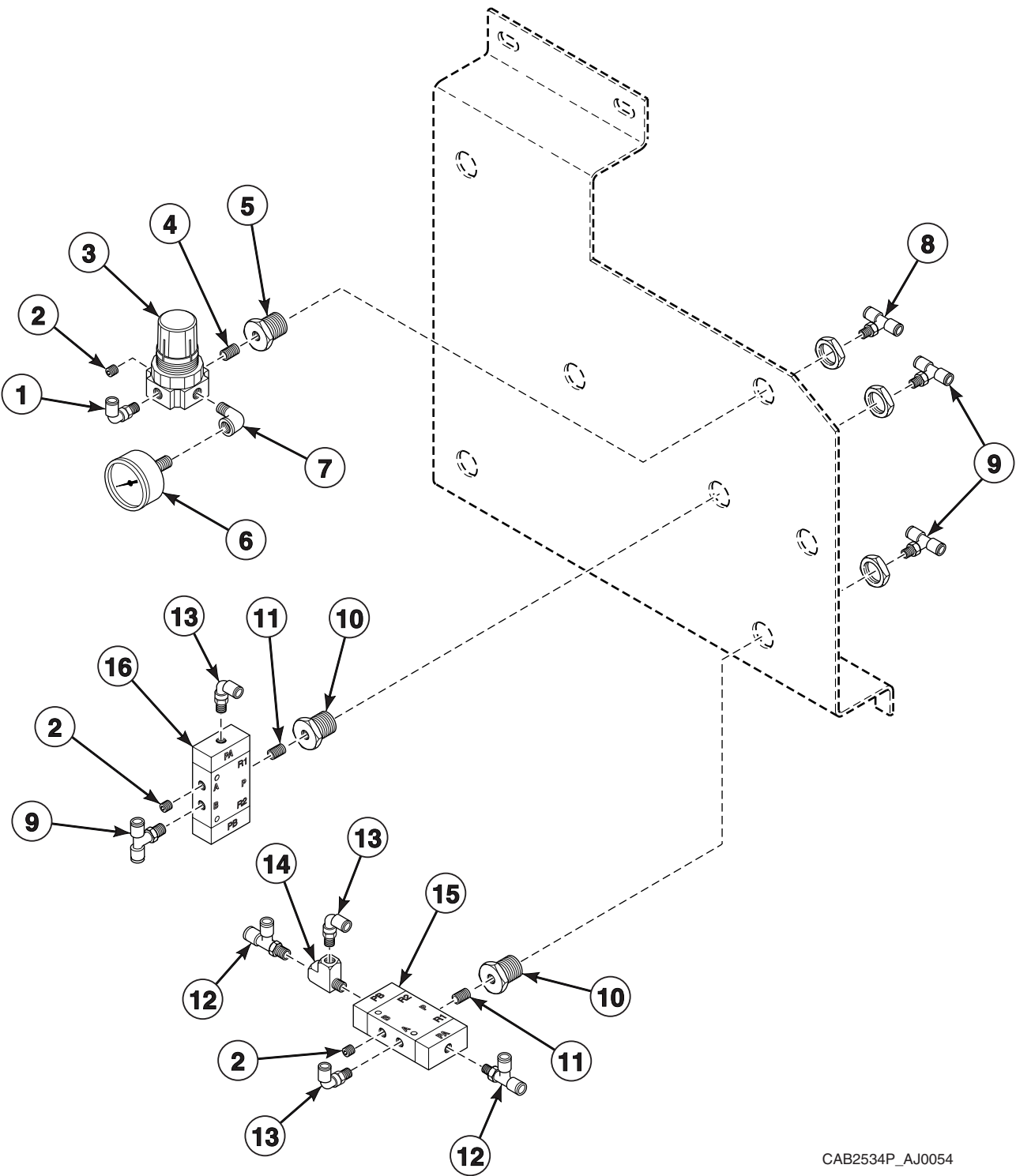


CAB1897P_AJ0054

Safety Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1579002	Safety Valve Assembly	Includes items 1-6
1	J1438357	Quick Tubing Tee	2 required
2	J1018571	Pipe Coupling	
3	JA-54042	Check Valve	
4	JC-19609	Reducing Bushing	2 required
5	JA-53893	Bleeder Valve	
6	J1188242	Pipe Tee	

Operating Valve Assembly (Drawing 1 of 2)

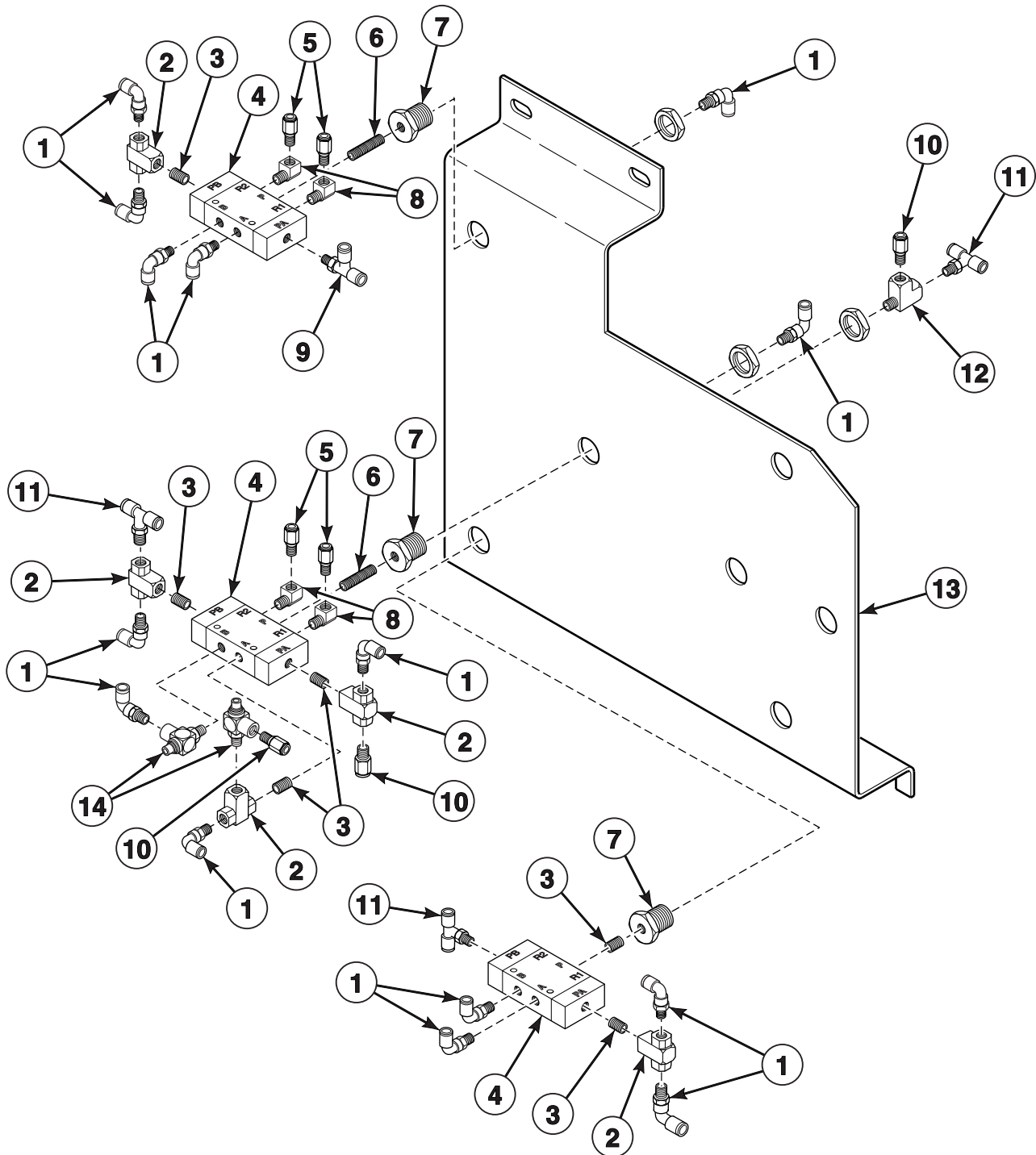


CAB2534P_AJ0054

Operating Valve Assembly (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1555945	Operating Valve Assembly	
1	J1419811	Swivel Tubing Elbow	
2	J1039858	Pipe Plug	3 required
3	J1421981	Relieving Air Regulator	
4	J115175201	Pipe Nipple	
5	J1482389	Pipe Bulkhead Fitting	1/4 NPT; 6 required
6	J1477959	Pressure Gauge	0-160 PSI
7	JC-28235	Street Pipe Elbow	
8	J1460484	Quick Tubing Tee	
9	J1437029	Quick Tubing Tee	6 required
10	J1482389	Pipe Bulkhead Fitting	6 required
	J1598911	Bulkhead Fitting	5 required; 1/8 NPT
11	J1232313	Pipe Nipple	9 required; Models starting June 1998
	JC-19609	Reducing Bushing	Models through June 1998
12	J1438357	Quick Tubing Tee	3 required
13	J1407741	Swivel Tubing Elbow	17 required
14	JC-30541	Street Pipe Tee	2 required
	J1266808	Pipe Tee	Models starting December 2000
15	J1548783	Double Air Piloted Valve	4 required; 4-way
16	J1548791	Single Air Piloted Valve	4-way; Models starting June 1998; If machine was built through June 1998, order JA-54437 3-Way Dump Valve

Operating Valve Assembly (Drawing 2 of 2)

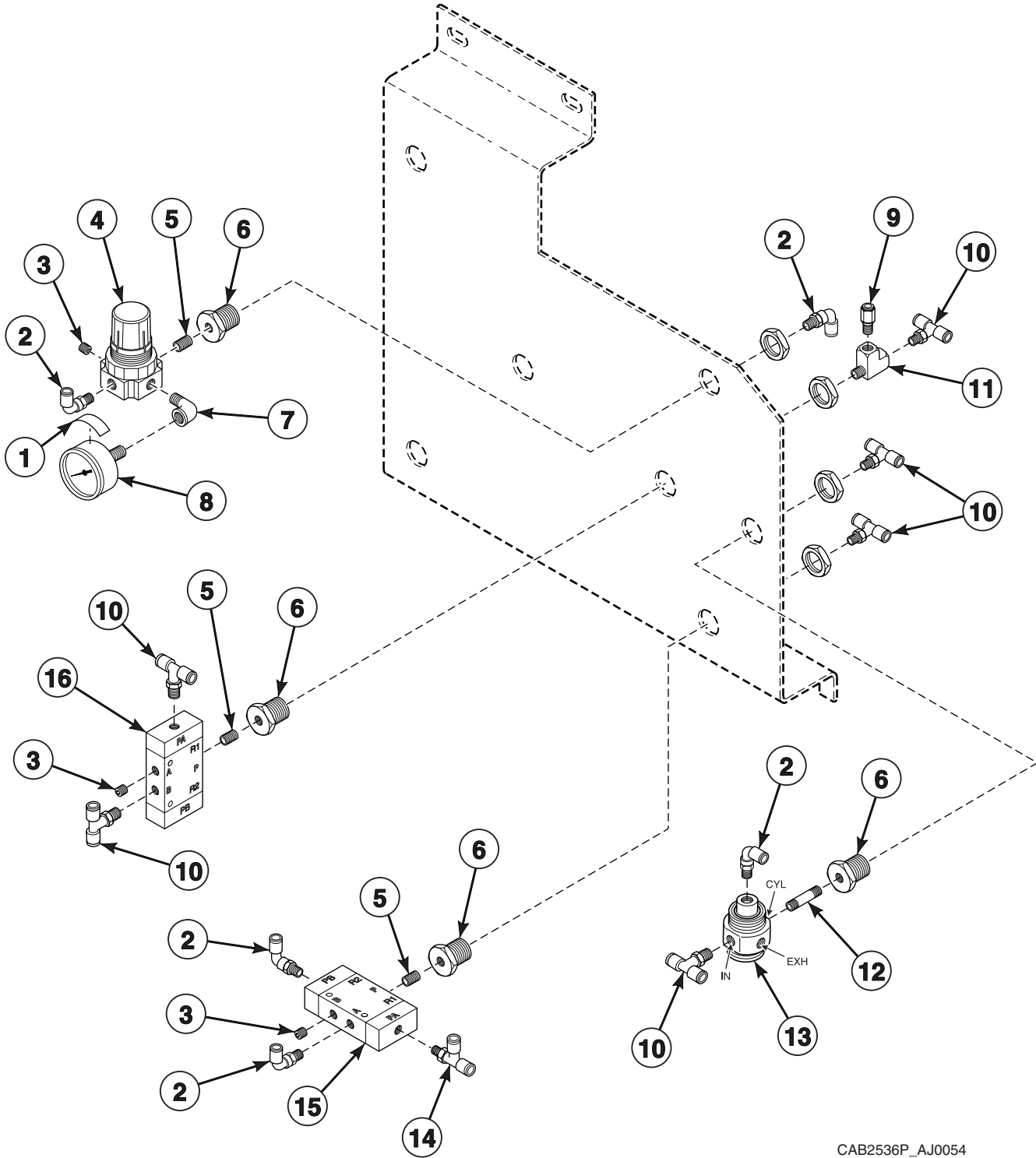


CAB2535P_AJ0054

Operating Valve Assembly (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1555945	Operating Valve Assembly	
1	J1407741	Swivel Tubing Elbow	17 required
2	JA-53602	Shuttle Valve	5 required
3	J1232313	Pipe Nipple	9 required
4	J1548783	Double Air Piloted Valve	4 required; 4-way
5	J1548403	Flow Control Valve	4 required
6	J1026103	Pipe Nipple	2 required
7	J1598911	Bulkhead Fitting	5 required; 1/8 NPT
	J1482389	Pipe Bulkhead Fitting	6 required; 1/4 NPT
8	JC-28317	Street Pipe Elbow	4 required
9	J1438357	Quick Tubing Tee	3 required
10	J1408004	Connector	2 required; 1/4 T x 1/8 NPT
	J1463835-00	Quick Tubing Connector	1/4 T x 1/4 NPT
11	J1437029	Quick Tubing Tee	6 required
12	JC-30541	Street Pipe Tee	2 required; 1/8 NPT; Brass
	J1266808	Pipe Tee	1/4 NPT
13	J1550953	Valve Mounting Bracket	
14	J1455781	Swivel Flow Control Valve	2 required

Operating Valve Assembly - CE Models (Drawing 1 of 2)

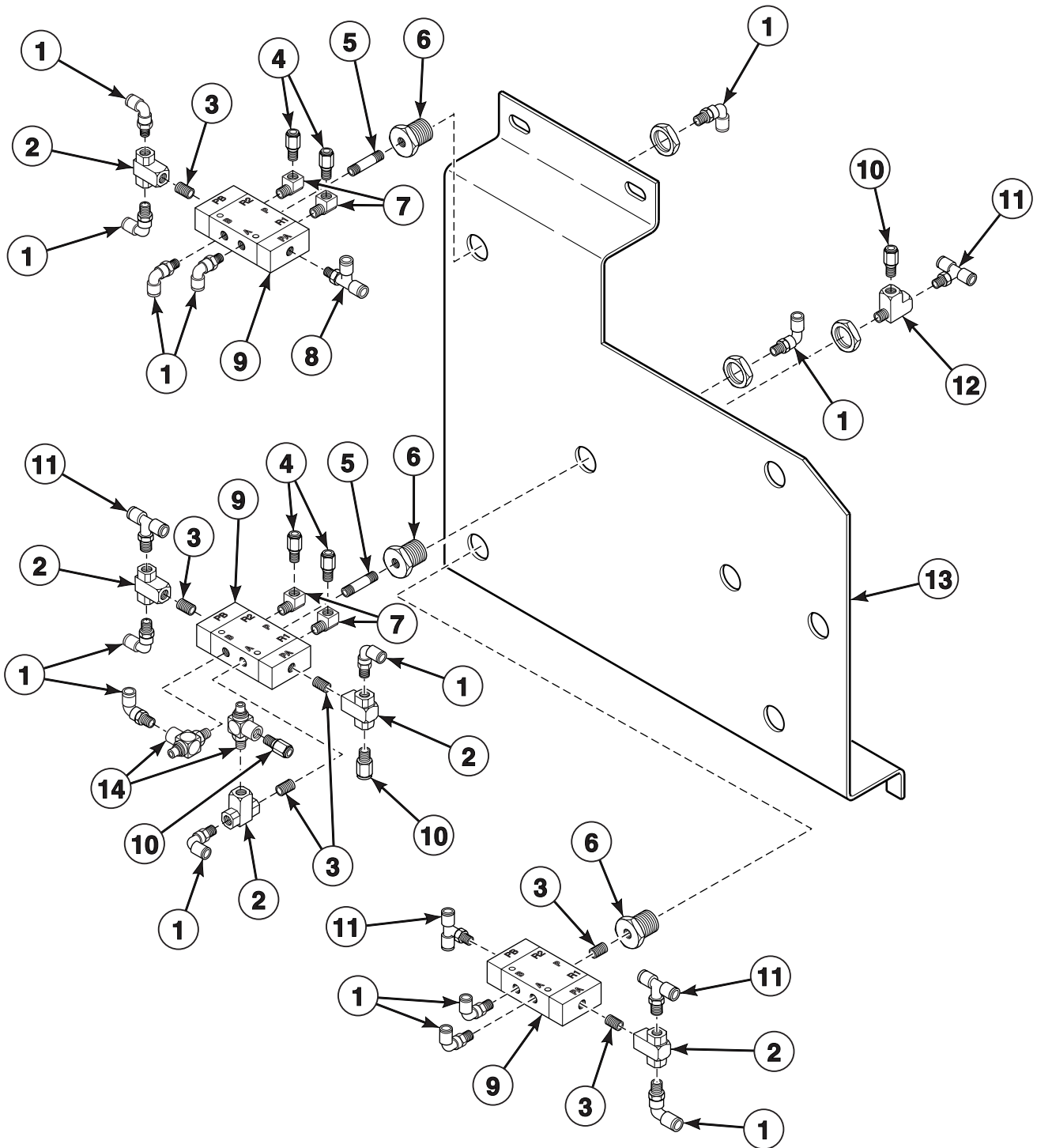


CAB2536P_AJ0054

Operating Valve Assembly - CE Models (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1637222	Operating Valve Assembly	
1	J1635028	Air Pressure Label	
2	J1407741	Swivel Tubing Elbow	18 required
3	J1039858	Pipe Plug	
4	J1643287	Air Relieving Regulator	
5	J1232313	Pipe Nipple	9 required
6	J1598911	Bulkhead Fitting	7 required
7	JC-28235	Street Pipe Elbow	
8	J1477959	Pressure Gauge	0-160 PSI
9	J1408004	Connector	4 required
10	J1437029	Quick Tubing Tee	9 required
11	JC-30541	Street Pipe Tee	
12	J1026103	Pipe Nipple	3 required
13	JA-53369	3-Way Valve	NC; With exhaust
14	J1438357	Quick Tubing Tee	2 required
15	J1548783	Double Air Piloted Valve	4 required; 4-way
16	J1548791	Single Air Piloted Valve	4-way

Operating Valve Assembly - CE Models (Drawing 2 of 2)

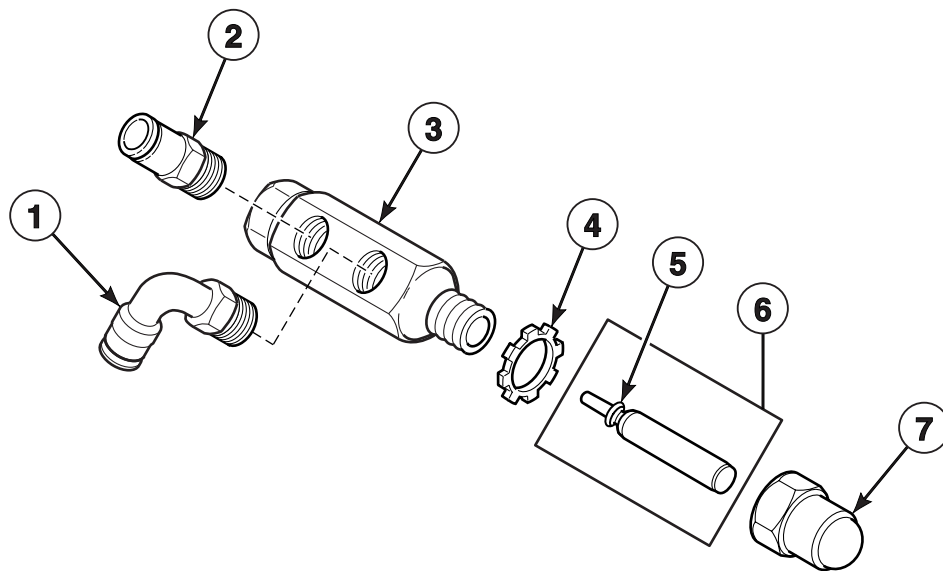


CAB1723B_AJ0054

Operating Valve Assembly - CE Models (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1637222	Operating Valve Assembly	
1	J1407741	Swivel Tubing Elbow	18 required
2	JA-53602	Shuttle Valve	5 required
3	J1232313	Pipe Nipple	9 required
4	J1548403	Flow Control Valve	4 required
5	J1026103	Pipe Nipple	3 required
6	J1598911	Bulkhead Fitting	7 required
7	JC-28317	Street Pipe Elbow	4 required
8	J1438357	Quick Tubing Tee	2 required
9	J1548783	Double Air Piloted Valve	4 required; 4-way
10	J1408004	Connector	4 required
11	J1437029	Quick Tubing Tee	9 required
12	JC-30541	Street Pipe Tee	
13	J1550953	Valve Mounting Bracket	
14	J1455781	Swivel Flow Control Valve	2 required

Reset Valve Assembly

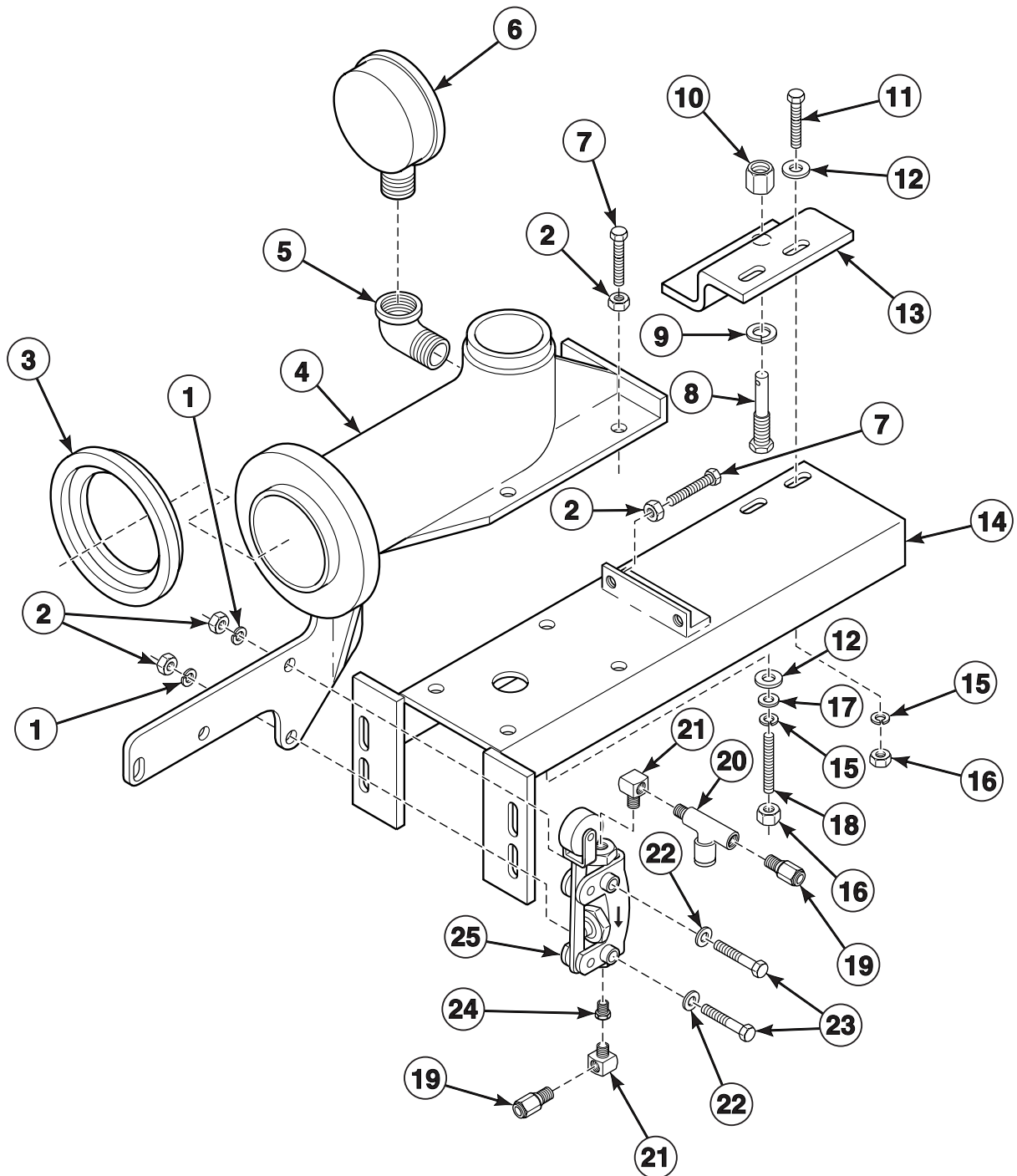


CAB2373P_AJ0054

Reset Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1445303	Reset Valve Assembly	Includes items 1-4, 6 and 7
1	J1407741	Swivel Tubing Elbow	
2	J1408004	Connector	
3	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown
4	JA-52196	Washer	
5	J1403310	O-Ring	
6	J1611417	Valve Stem Assembly	Includes item 5
7	JA-00397	Pushbutton Assembly	

Discharge Tube Assembly

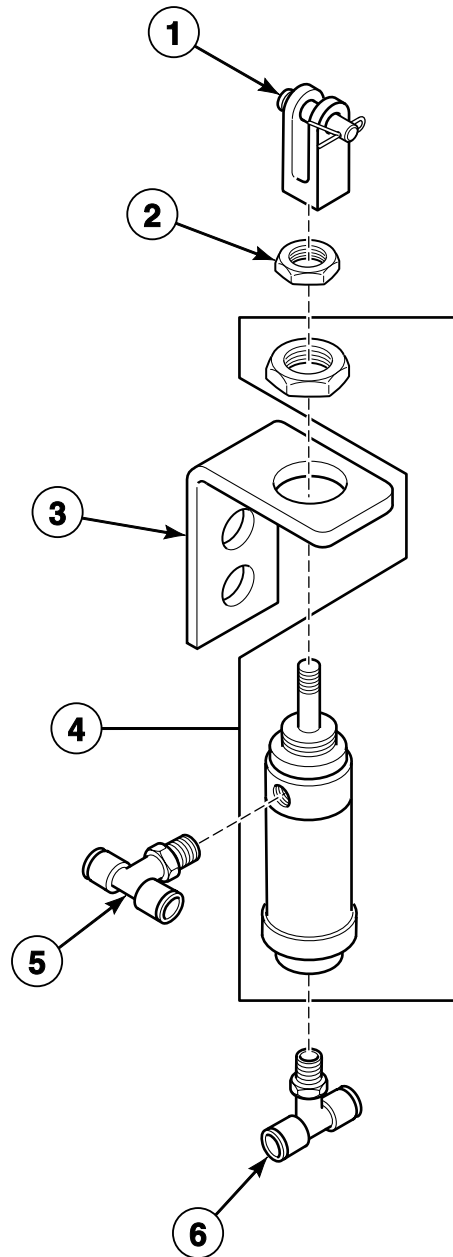


CAB2374P_AJ0054

Discharge Tube Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1559244	Discharge Tube Assembly	Includes items 1-25
1	J1185073	Washer	2 required
2	20275	Nut	8 required
3	J1471531	Discharge Flange Gasket	
4	JA-23305	Discharge Tube	
5	J1231521	Street Pipe Elbow	
6	JA-51283	Diaphragm Gauge	
7	JA-54156	Screw	6 required
8	JA-22763	Pin	
9	91200	Washer	
10	J1000850	Nut	
11	430648	Screw	2 required
12	M400081	Washer	3 required
13	J1614916	Index Cylinder Plate	
14	J1545367	Cylinder Mounting Weldment	
15	M400014	Washer	3 required
16	20274	Nut	3 required
17	J1178391	Washer	
18	JA-51951	Screw	
19	J1408004	Connector	
20	J1438357	Quick Tubing Tee	
21	J1381623	Street Elbow	2 required
22	JC-80583	Washer	2 required
23	JA-50128	Screw	2 required
24	JC-19609	Reducing Bushing	2 required
25	JA-53892	3-Way Air Roller Valve	

Discharge Box Cylinder Assembly

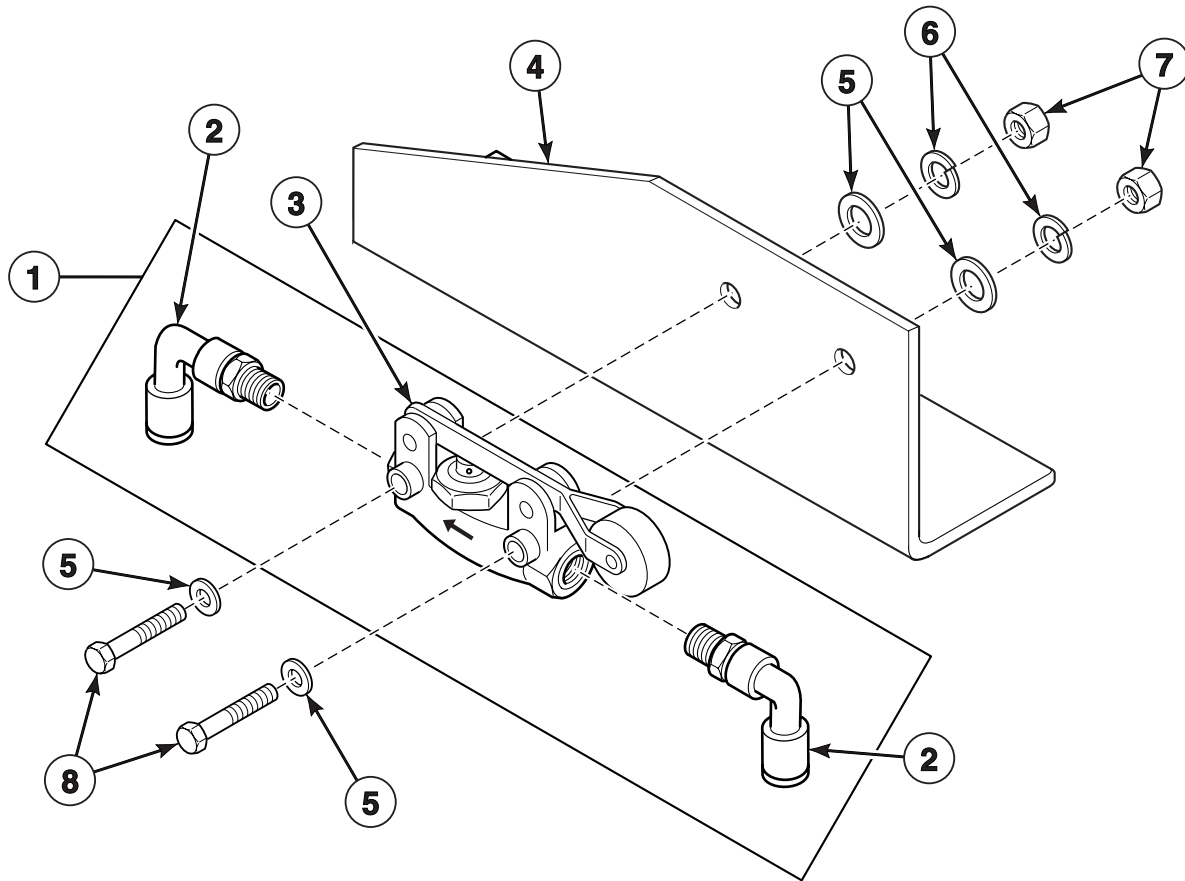


CAB1852P_AJ0054

Discharge Box Cylinder Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1559186	Cylinder Assembly	Includes items 1-6
1	J1561430	Clevis	Includes clevis pin and cotter pin
2	JC-48220	Nut	
3	J1554062	Discharge Cylinder Bracket Plate	
4	J1561422	Air Cylinder	Double acting; Includes nut
5	J1438357	Quick Tubing Tee	
6	J1437029	Quick Tubing Tee	

Buck Out Valve Assembly

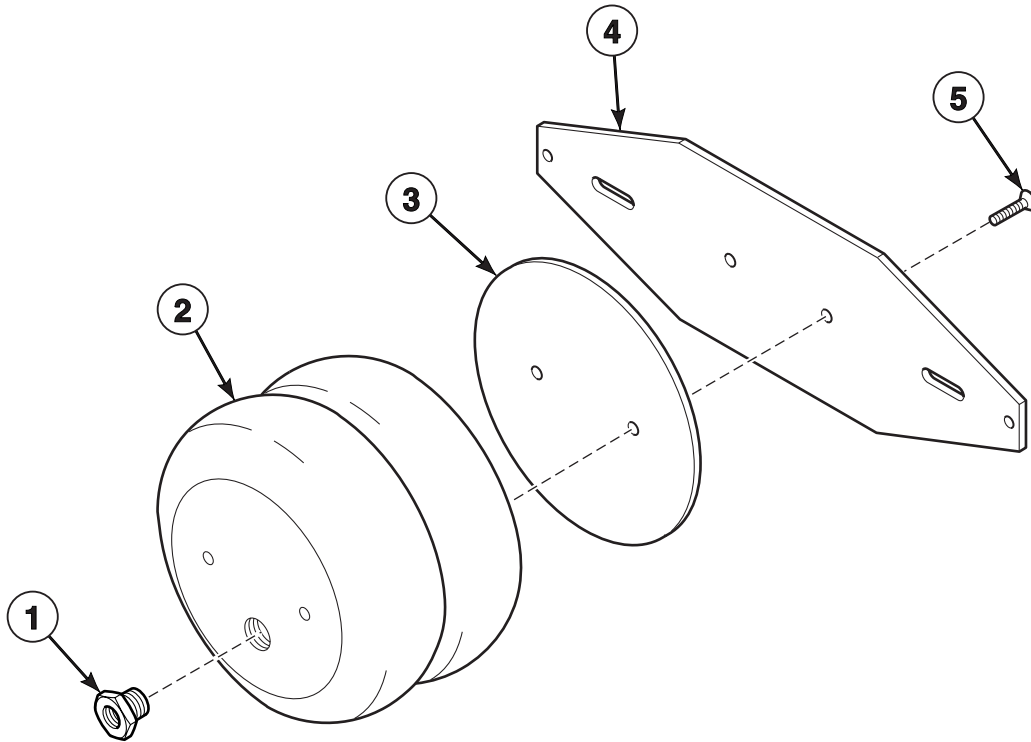


CAB1901P_AJ0054

Buck Out Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1557388	Buck Out Valve Assembly	Includes items 1-8
1	J1523976	Roller Valve Assembly	Includes items 2 and 3
2	J1419811	Swivel Tubing Elbow	2 required
3	JA-53892	3-Way Air Roller Valve	
4	J1551050	Valve Mounting Bracket	
5	JC-80513	Washer	4 required
6	J1185073	Washer	2 required
7	20275	Nut	2 required
8	JC-63116	Screw	2 required

Air Bag Assembly

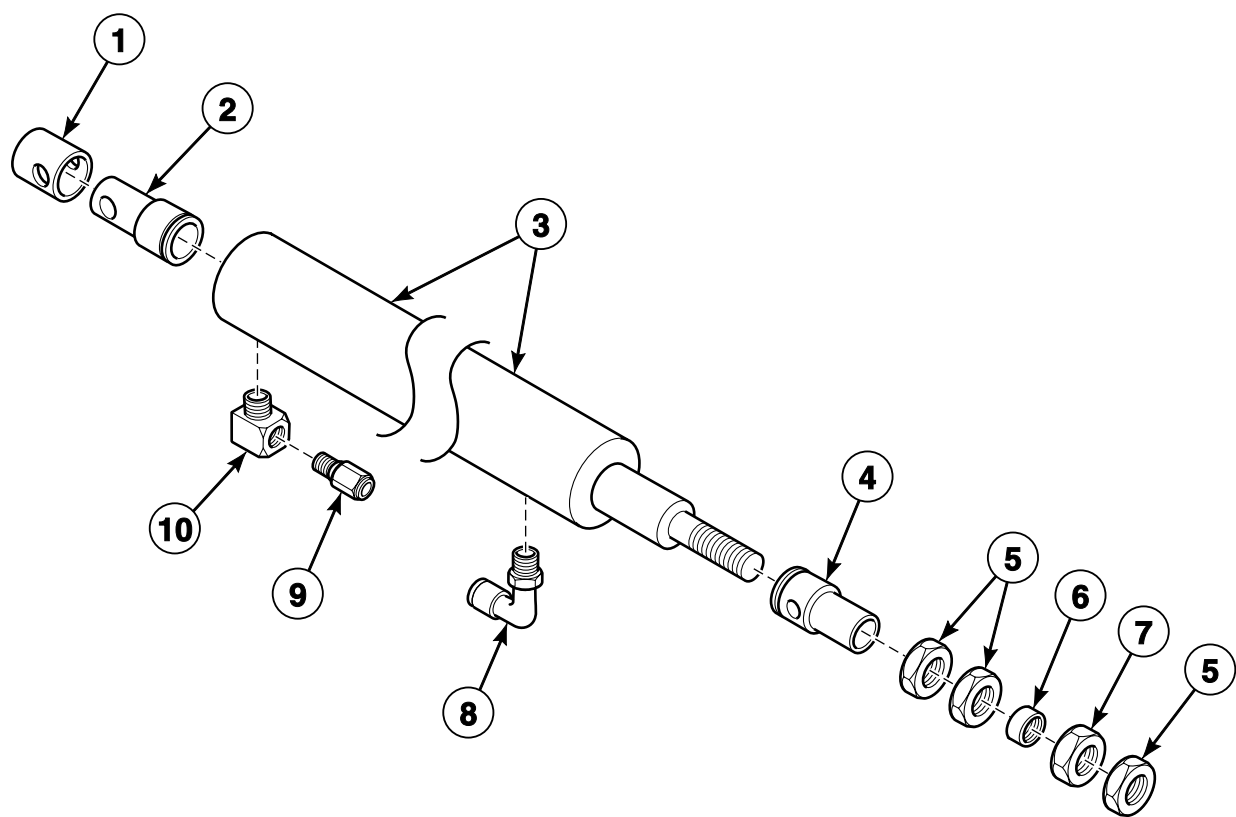


CAB1902P_AJ0054

Air Bag Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1559194	Air Bag Assembly	Includes items 1-5
1	J1161140	Reducing Bushing	
2	J1562867	Air Bag Actuator	
3	J1555127	Air Bag Heat Protection Plate	
4	J1545177	Air Bag Mounting Plate	
5	JC-62286	Screw	2 required

Indexing Cylinder Assembly

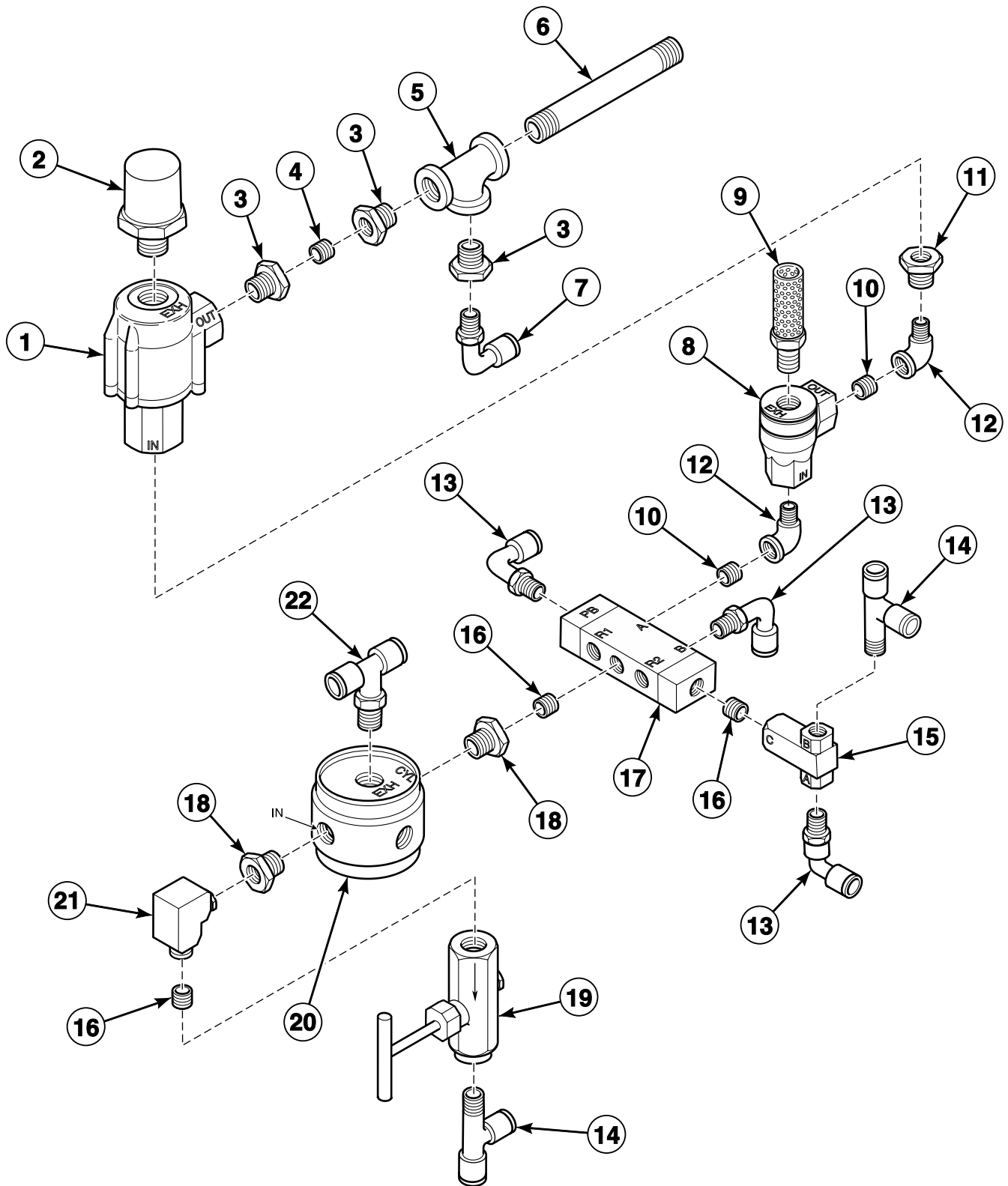


CAB1903P_AJ0054

Indexing Cylinder Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1457290P	Air Cylinder Kit	With hardware; Includes items 3 and 5-10
	J1457308	Cylinder Repair Kit	
	J1010-000747	Indexing Air Cylinder Kit	
1	J1457324	Cylinder Mounting Adapter	
2	J1457332	Rear Cylinder Head	
3	J1457290	Air Cylinder	
4	J1457316	Front Cylinder Head	
5	JA-51474	Nut	3 required
6	JA-15762	Bushing	
7	JC-48229	Nut	
8	J1407741	Swivel Tubing Elbow	2 required
9	J1408004	Connector	
10	J1381623	Street Elbow	

Rear Head Closing Control Assembly - Models Through March 16, 2005

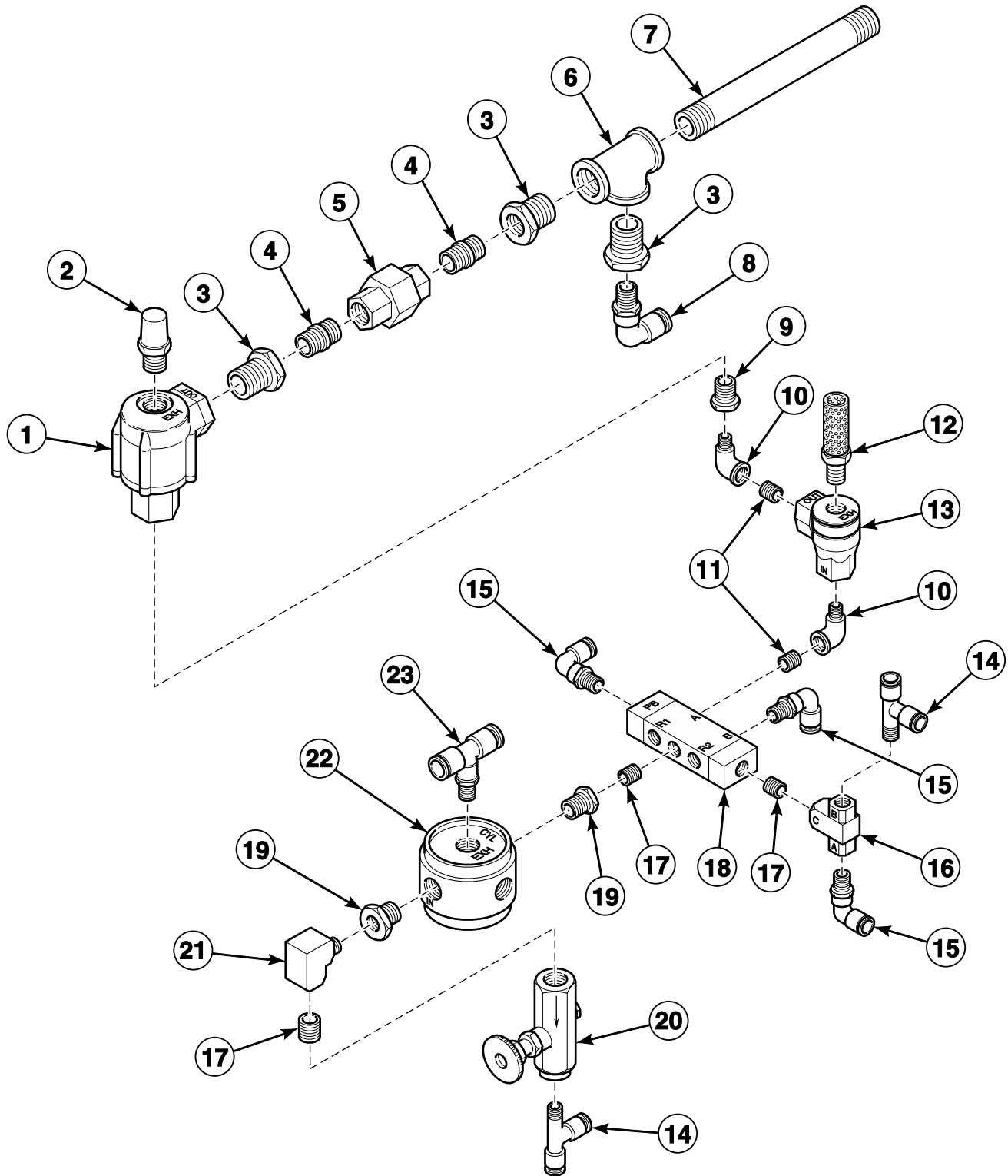


CAB2486P_AJ0054

Rear Head Closing Control Assembly - Models Through March 16, 2005

REF	PART NO.	DESCRIPTION	COMMENTS
	J1557453	Rear Head Closing Control	Includes items 1-22
1	J1327451	Quick Exhaust Valve	Air
2	J1327469	Air Muffler	
3	JC-19682	Reducing Bushing	3 required; Models starting June 1998
4	J1236553	Pipe Nipple	Models starting June 1998
5	JC-70628	Pipe Tee	Models starting June 1998
6	JC-46219	Pipe Nipple	
7	J1419811	Swivel Tubing Elbow	Models starting June 1998
8	JA-56925	Quick Exhaust Air Valve	Models starting June 1998
9	JA-53584	Air Muffler	Models starting June 1998
10	JC-46083	Pipe Nipple	2 required; Models starting June 1998
11	JC-19618	Pipe Bushing	
12	JC-28235	Street Pipe Elbow	2 required
13	J1407741	Swivel Tubing Elbow	3 required
14	J1438357	Quick Tubing Tee	2 required
15	JA-53602	Shuttle Valve	
16	J1232313	Pipe Nipple	3 required
17	J1548783	Double Air Piloted Valve	4-way
18	JC-19609	Reducing Bushing	2 required
19	J1155985	Flow Control Valve	Brass
20	JA-53550	3-Way Dump Valve	
21	JC-28317	Street Pipe Elbow	Models starting June 1998
22	J1437029	Quick Tubing Tee	

Rear Head Closing Control Assembly - Models Starting March 17, 2005

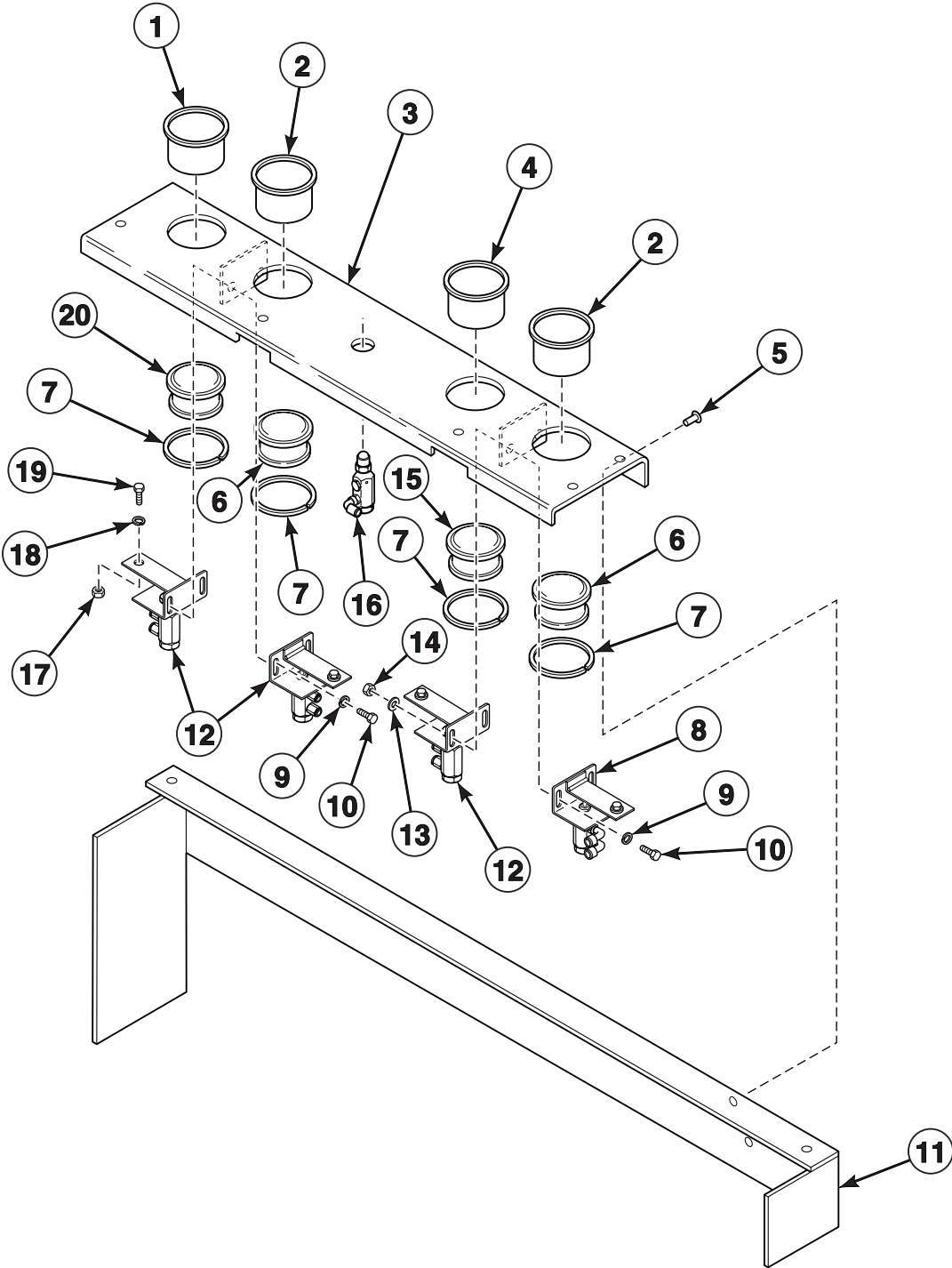


CAB2527P_AJ0054

Rear Head Closing Control Assembly - Models Starting March 17, 2005

REF	PART NO.	DESCRIPTION	COMMENTS
	J1557453	Rear Head Closing Control	Includes items 1-23
1	J1327451	Quick Exhaust Valve	Air
2	J1327469	Air Muffler	
3	JC-19682	Reducing Bushing	3 required
4	J115175201	Pipe Nipple	2 required
5	JC-7601201	Pipe Union	
6	JC-7062801	Pipe Tee	
7	JC-46219	Pipe Nipple	
8	J1419811	Swivel Tubing Elbow	
9	JC-1961801	Pipe Bushing	
10	JC-2823501	Street Pipe Elbow	2 required
11	JC-46083	Pipe Nipple	2 required
12	JA-53584	Air Muffler	
13	JA-56925	Quick Exhaust Air Valve	
14	J1438357	Quick Tubing Tee	2 required
15	J1407741	Swivel Tubing Elbow	3 required
16	JA-53602	Shuttle Valve	
17	J123231301	Pipe Nipple	3 required
18	J1548783	Double Air Piloted Valve	4-way
19	JC-1960901	Reducing Bushing	2 required
20	J1155985	Flow Control Valve	Brass
21	JC-28317	Street Pipe Elbow	
22	JA-53550	3-Way Dump Valve	
23	J1437029	Quick Tubing Tee	

Operating Control Assembly - Models Through August 2003

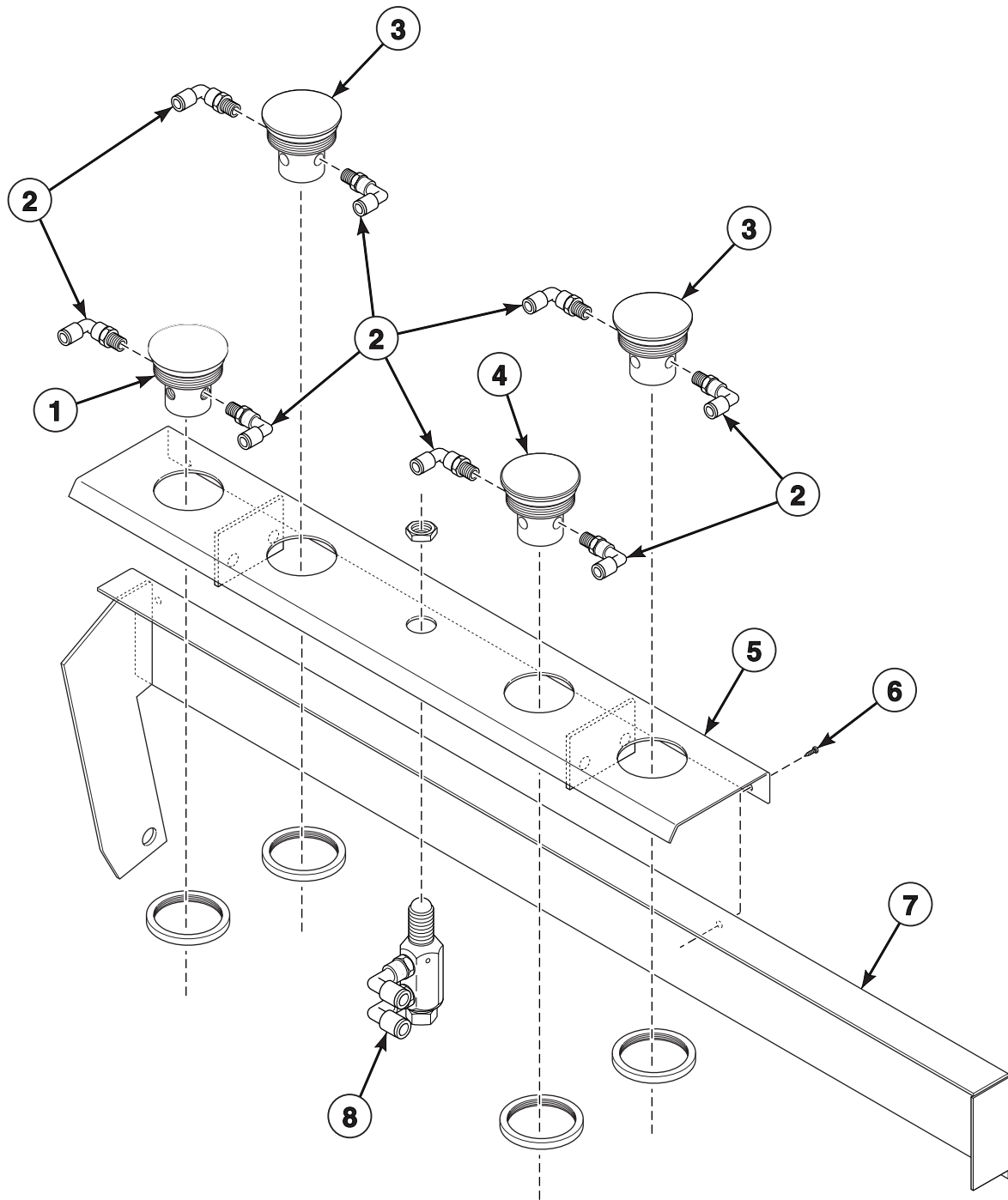


CAB1905P_AJ0054

Operating Control Assembly - Models Through August 2003

REF	PART NO.	DESCRIPTION	COMMENTS
	J1555952	Operating Control Assembly	Includes items 1-20
1	J1591346	Grommet	Black; Round
2	J1591304	Grommet	2 required; Gray
3	J1520915	Pushbutton Cover	
4	J1591320	Grommet	Red
5	J1111095	Screw	2 required
6	J1538958	Pushbutton Assembly	2 required; Gray
7	JA-17705	Lock Ring	4 required
8	J1555960	Valve and Bracket Assembly	Refer to <i>Valve and Bracket Assembly</i> section for parts breakdown
9	J1000975	Washer	4 required
10	JC-61269	Screw	4 required
11	J1545235	Control Console Weldment	
12	J1438373	Valve and Bracket Assembly	Refer to <i>Valve and Bracket Assembly</i> section for parts breakdown; 3 required
13	J1001213	Washer	8 required
14	J1000736	Nut	4 required
15	JA-04665	Pushbutton	Red
16	J1555978	Sleeve Holder Valve Assembly	Refer to <i>Sleeve Holder Valve Assembly</i> section for parts breakdown
17	70142	Nut	4 required
18	M400013	Washer	4 required
19	JA-50134	Screw	4 required
20	J1542166	Pushbutton	Black

Operating Control Assembly - Models Starting September 2003

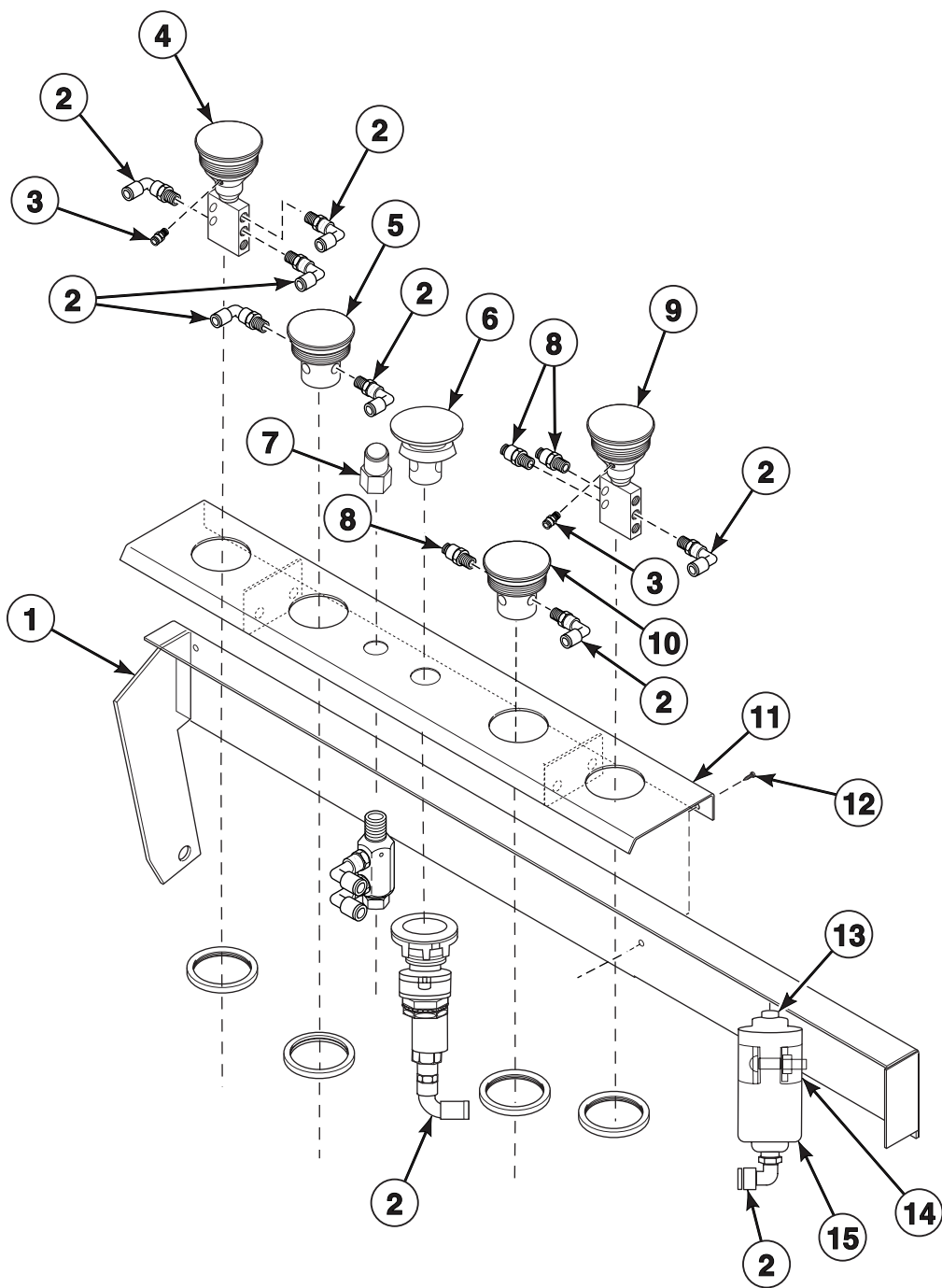


CAB2487P_AJ0054

Operating Control Assembly - Models Starting September 2003

REF	PART NO.	DESCRIPTION	COMMENTS
	J200013800	Operating Control Assembly	Includes items 1-8
1	J200012400	Pushbutton	Black; 3-way valve
2	J1407741	Swivel Tubing Elbow	8 required
3	J200012500	Pushbutton	Gray; 3-way valve
4	J200012300	Pushbutton	Red; 3-way valve
5	J1520915	Pushbutton Cover	
6	J1111095	Screw	2 required
7	J1545235	Control Console Weldment	
8	J1555978	Sleeve Holder Valve Assembly	Refer to <i>Sleeve Holder Valve Assembly</i> section for parts breakdown

Operating Control Assembly - CE Models

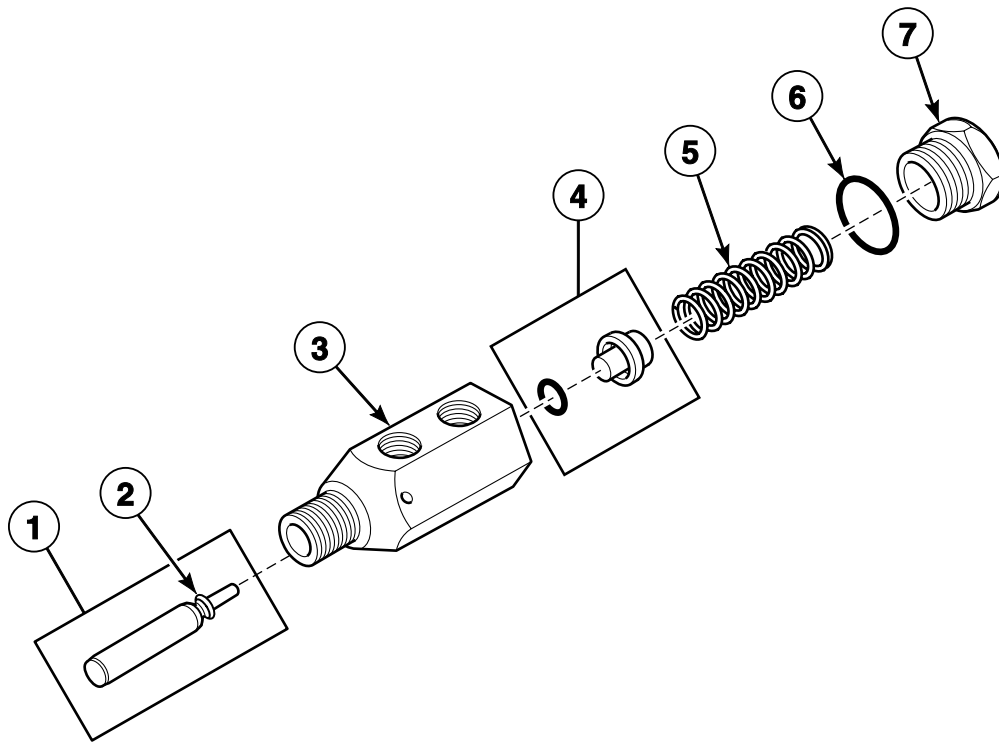


CAB2409P_AJ0054

Operating Control Assembly - CE Models

REF	PART NO.	DESCRIPTION	COMMENTS
	J200014300	Operating Control Assembly	Includes items 1-15
	20275	Nut	Use with item 14
	J1185073	Washer	Use with item 14
1	J0638020-00	Control Console Weldment	
2	J1407741	Swivel Tubing Elbow	8 required
3	J0140961-00	Connector	2 required; Models through April 2005
	J200217400	Male Connector	2 required; Models starting April 2005
4	J200217200	Pushbutton	Gray
5	J200012300	Pushbutton	Red
6	J1635069	Emergency Stop Button Assembly	Refer to <i>Emergency Stop Button Assembly</i> section for parts breakdown
7	J1555978	Sleeve Holder Valve Assembly	Refer to <i>Sleeve Holder Valve Assembly</i> section for parts breakdown
8	J1408004	Connector	3 required
9	J200217100	Pushbutton	Gray
10	J200012400	Pushbutton	Black
11	J1637255	Pushbutton Cover	
12	J1111095	Screw	5 required
13	J0380820-00	Internal Plug	
14	JC-35100	Conduit Hanger	
15	J1633148	Reservoir	

Valve Body Assembly



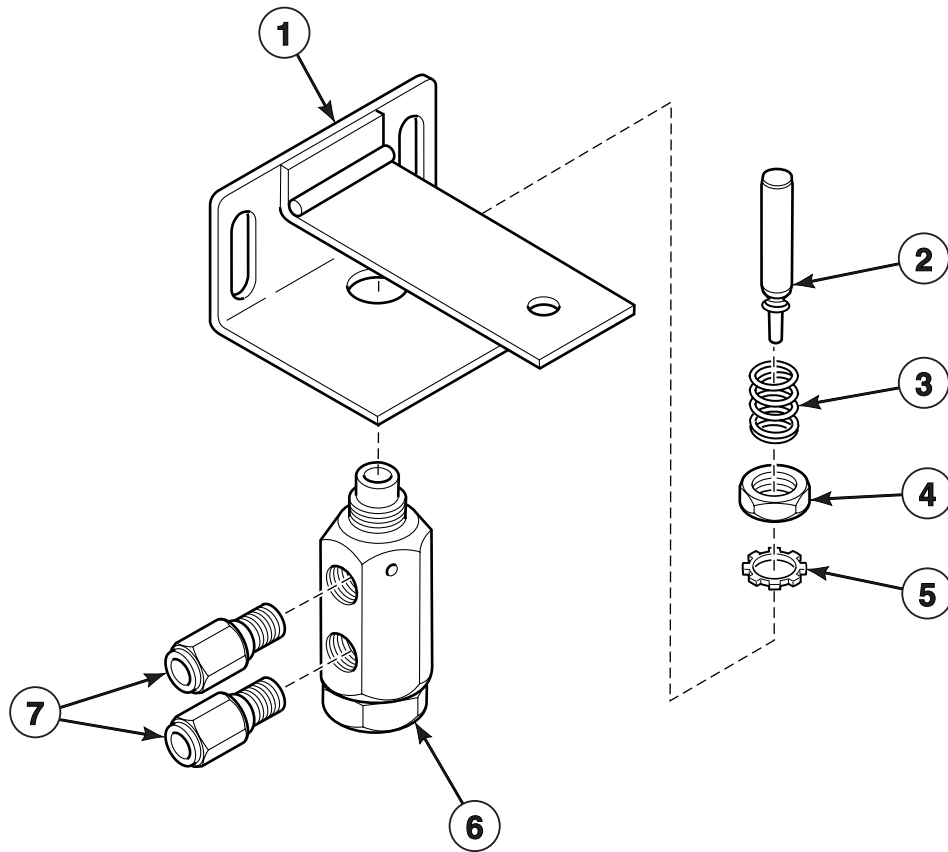
SCR1842P_AJ0054

Valve Body Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-06430	Valve Body Assembly	Includes items 1-7
1	J1611417	Valve Stem Assembly	Includes item 2
2	J1403310	O-Ring	Viton
3	JA-10514	Valve Body	
4	JA-11599	Valve	
5	JA-51336	Compression Spring	
6	JC-57441	O-Ring	
7	JA-10515	Valve Cap	

Valve and Bracket Assembly (Drawing 1 of 2)

Models Through August 2003



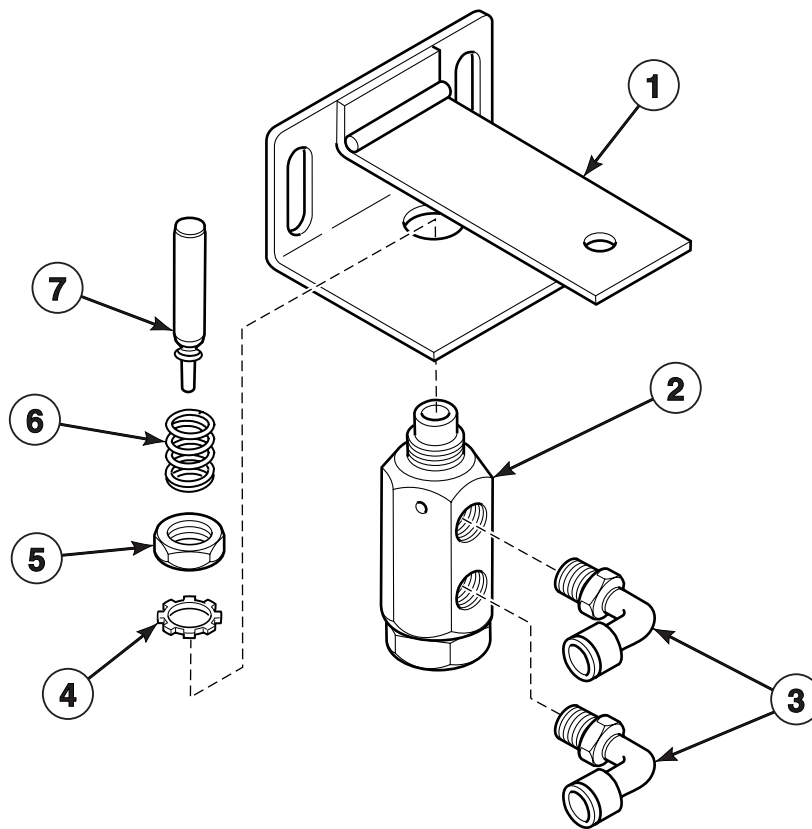
CAB2376P_AJ0054

Valve and Bracket Assembly (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1438373	Valve and Bracket Assembly	Includes items 1-7
1	JA-00546	Bracket Assembly	
2	J1611417	Valve Stem Assembly	Includes J1403310 O-Ring
3	JA-50447	Spring	
4	JA-12900	Nut	
5	JA-52196	Washer	
6	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown
7	J1408004	Connector	2 required

Valve and Bracket Assembly (Drawing 2 of 2)

Models Through August 2003



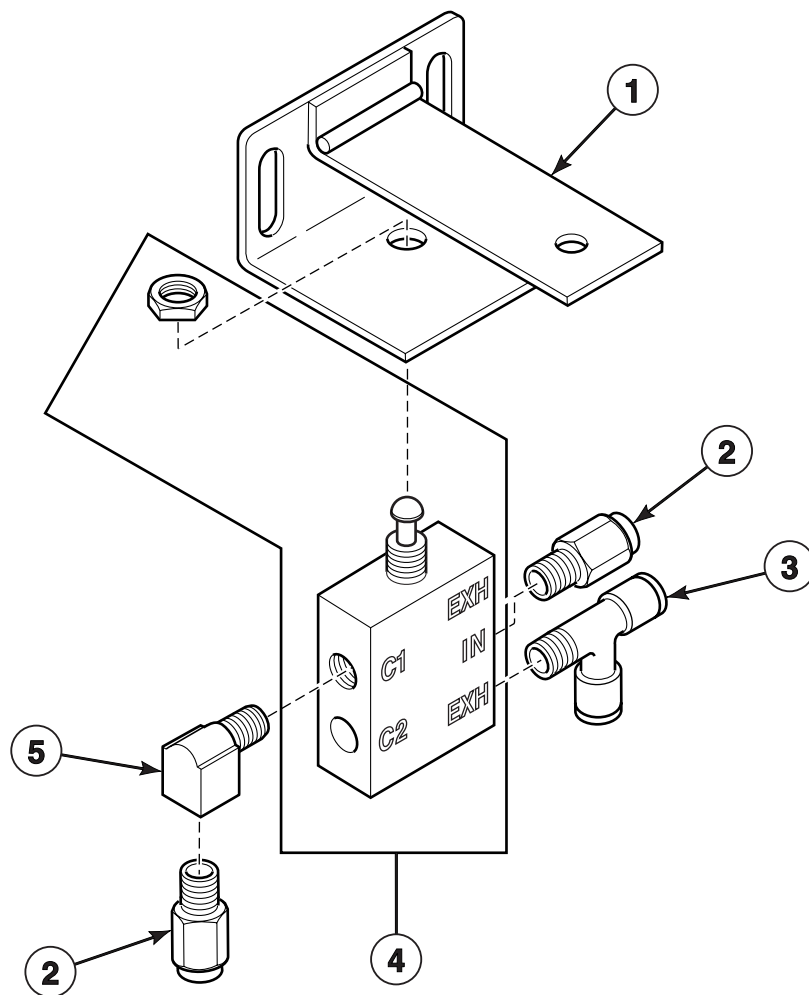
CAB2377P_AJ0054

Valve and Bracket Assembly (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1555960	Valve and Bracket Assembly	Elbows; Includes items 1-7
1	JA-00546	Bracket Assembly	
2	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown
3	J1407741	Swivel Tubing Elbow	2 required
4	JA-52196	Washer	
5	JA-12900	Nut	
6	JA-50447	Spring	
7	J1611417	Valve Stem Assembly	Includes J1403310 O-Ring

Valve and Bracket Assembly - CE Models (Drawing 1 of 2)

Models Through August 2003



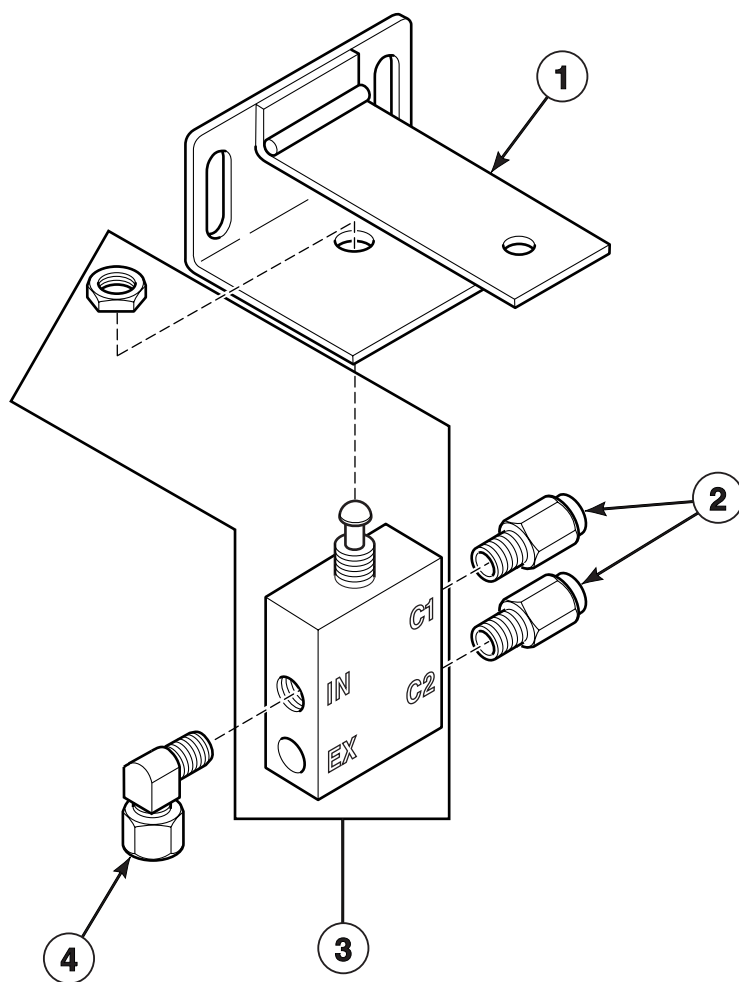
CAB1745B_AJ0054

Valve and Bracket Assembly - CE Models (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1633395	Valve and Bracket Assembly	Includes items 1-5
1	J1492883	Bracket Assembly	
2	J1408004	Connector	2 required
3	J1438357	Quick Tubing Tee	
4	J1586791	4-Way Air Valve	
5	JC-28317	Street Pipe Elbow	

Valve and Bracket Assembly - CE Models (Drawing 2 of 2)

Models Through August 2003

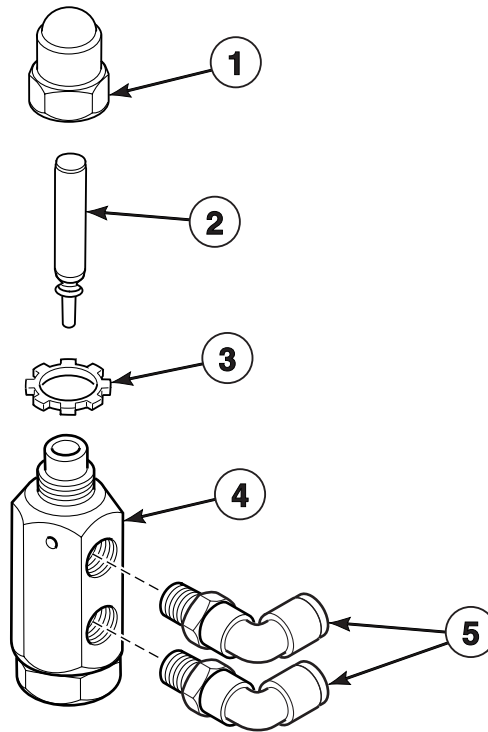


CAB1743B_AJ0054

Valve and Bracket Assembly - CE Models (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1633411	Valve and Bracket Assembly	Includes items 1-4
1	J1492883	Bracket Assembly	
2	J1408004	Connector	2 required
3	J1586809	4-Way Air Valve	
4	J1019298	Compression Elbow	

Sleeve Holder Valve Assembly

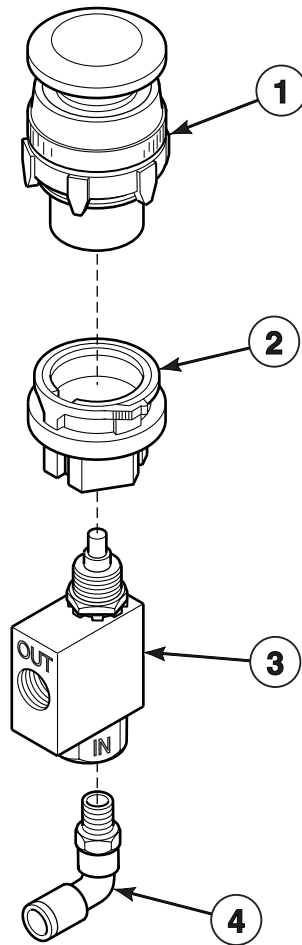


CAB2378P_AJ0054

Sleeve Holder Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1555978	Sleeve Holder Valve Assembly	Includes items 1-5
1	JA-00397	Pushbutton Assembly	
2	J1611417	Valve Stem Assembly	Includes J1403310 O-Ring
3	JA-52196	Washer	
4	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown
5	J1407741	Swivel Tubing Elbow	2 required

Emergency Stop Button - CE Models

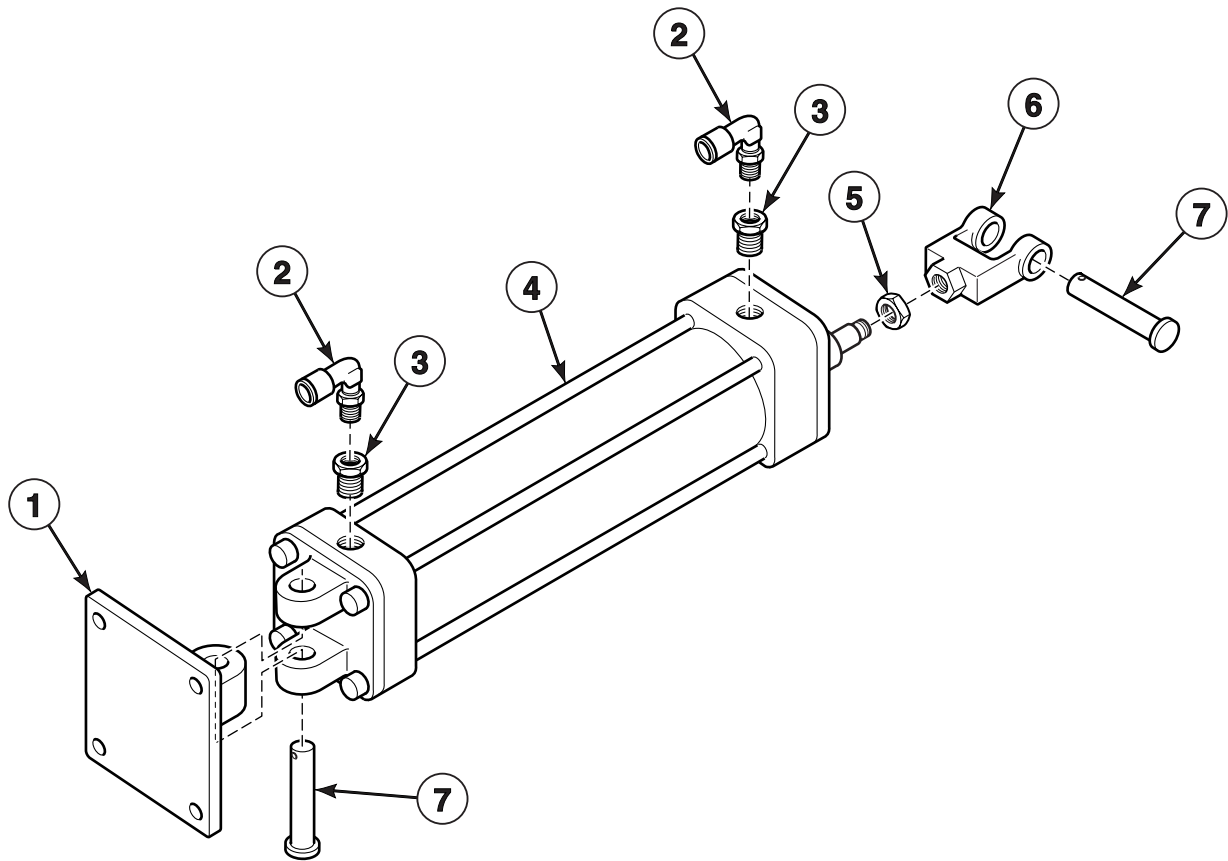


CAB1741B_AJ0054

Emergency Stop Button - CE Models

REF	PART NO.	DESCRIPTION	COMMENTS
	J1635069	Emergency Stop Button Assembly	Includes items 1-4
1	J1639798	Emergency Stop Button	
2	J1635051	Valve Adapter	
3	J1422740	3-Way Valve	
4	J1407741	Swivel Tubing Elbow	

Front Head Closing Cylinder Assembly

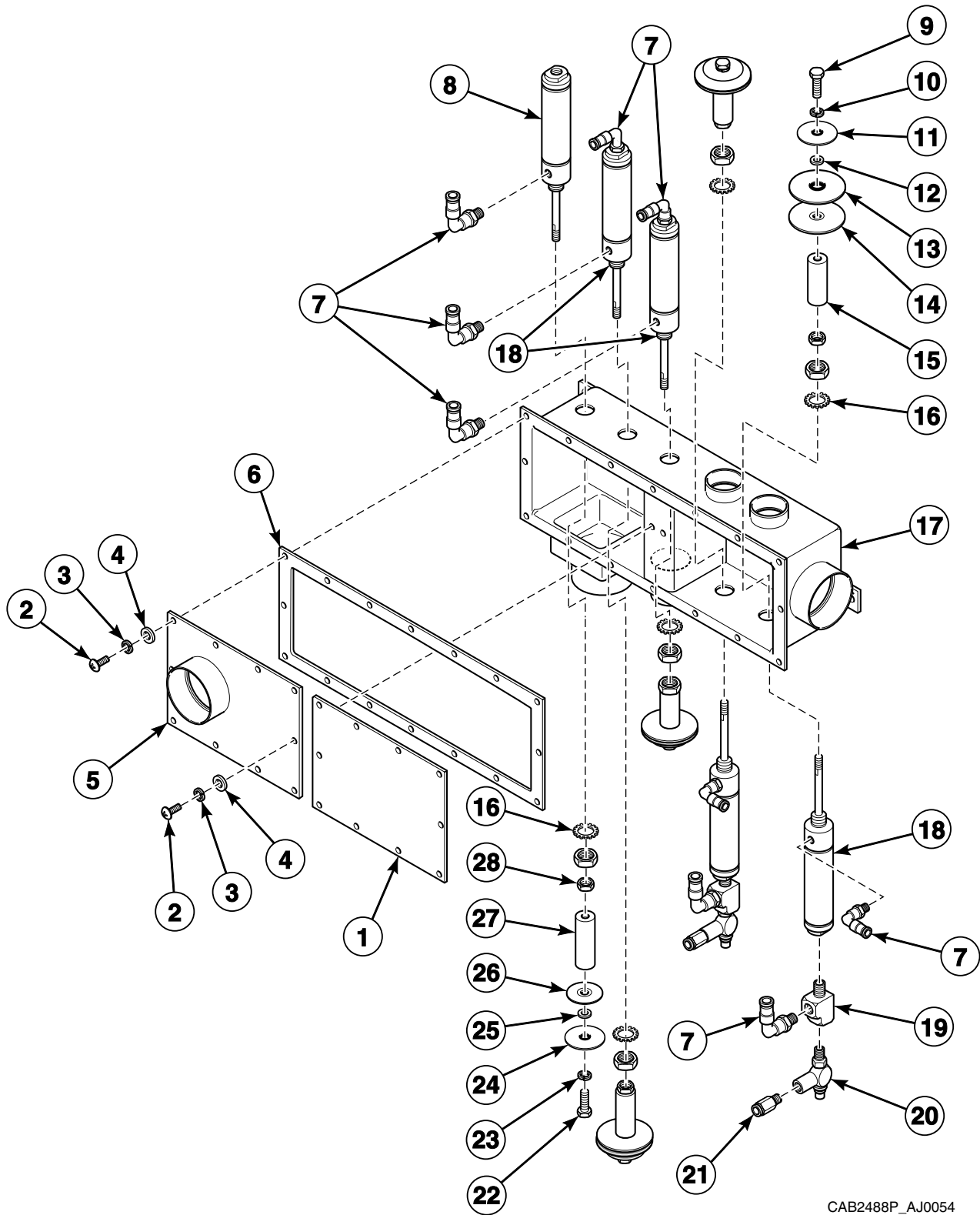


CAB1908P_AJ0054

Front Head Closing Cylinder Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1559202	Front Head Closing Cylinder	Includes items 1-7
	J1634906	Repair Kit	2 inch bore; SMC cylinder
	J1634914	Repair Kit	Advanced automation cylinder
1	J1545193	Head Cylinder Bracket Weldment	
2	J1419811	Swivel Tubing Elbow	2 required
3	JC-19662	Reducing Bushing	2 required
4	J1562966	Air Cylinder	Air
5	JC-48487	Nut	
6	J1562974	Clevis	
7	J1451145	Cylinder Pivot Pin	2 required; Includes JA-50976 Retaining Ring

Damper Box Assembly

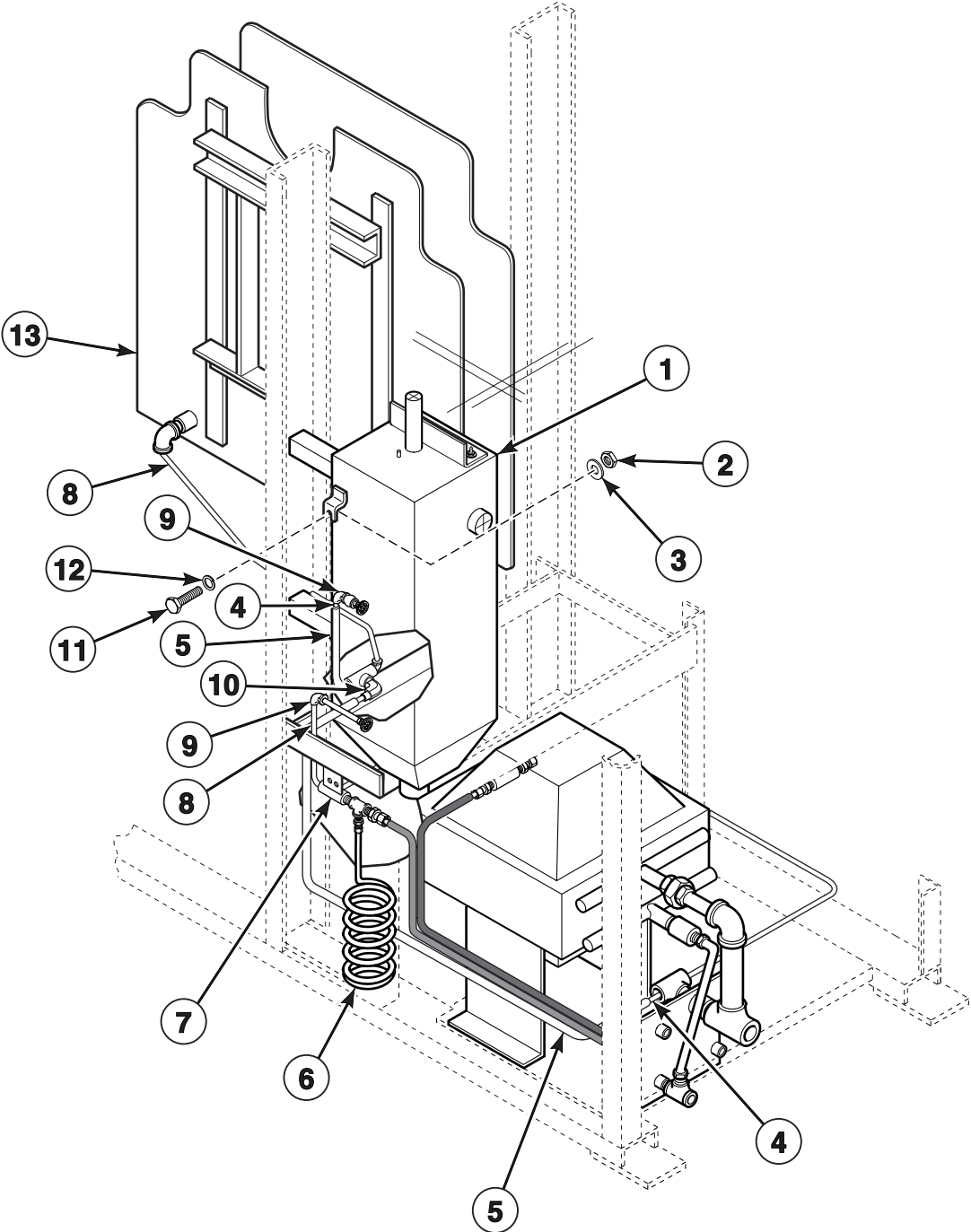


CAB2488P_AJ0054

Damper Box Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1561158	Damper Box Assembly	Includes items 1-28
1	J1523604	Damper Box Cover	
2	JC-61269	Screw	20 required
3	J1000975	Washer	20 required
4	J1001213	Washer	20 required
5	J1521020	Damper Box Cover Weldment	
6	J1521004	Damper Box Gasket	
7	J1407741	Swivel Tubing Elbow	9 required
8	J200161600	Air Cylinder	Includes nut
9	JC-62851	Screw	4 required
10	M400013	Washer	4 required
11	J1398437	Washer	4 required; Large, outside
12	J1398452	Washer	4 required; Shim
13	J1398460	Washer	4 required; Rubber, large, outside
14	J1398478	Washer	4 required; Large
15	J1550938	Cylinder Rod Coupling	4 required
16	J1338565	Washer	5 required
17	J1561166	Damper Box Shell Weldment	
18	J1561240	Air Cylinder	4 required; Includes 2 nuts
19	JC-30541	Street Pipe Tee	2 required
20	J1455781	Swivel Flow Control Valve	2 required
21	J1408004	Connector	2 required
22	JA-52116	Screw	
23	J1185073	Washer	
24	J1393354	Washer	Small, outside
25	J1531805	Washer	Rubber, small
26	J1531813	Washer	Small, inside
27	J1531821	Cylinder Coupling	
28	JC-48289	Nut	5 required

Steam System - Front

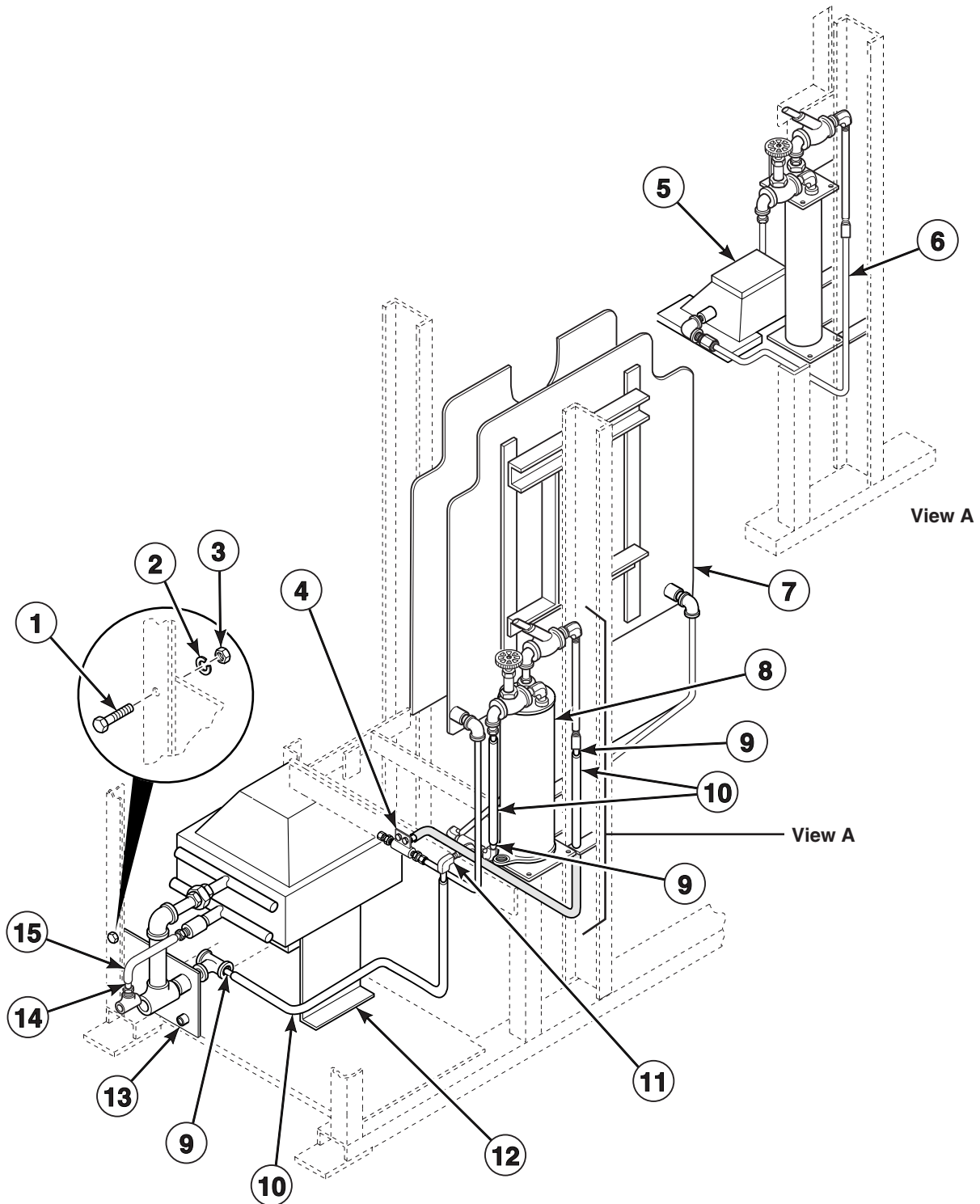


CAB1910P_AJ0054

Steam System - Front

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-04809	Spray Gun Assembly	Refer to <i>Spray Gun Assembly</i> section for parts breakdown
	F0140194-00	Cable Tie	2 required
1	J1548825	Heat Exchanger Assembly	Refer to <i>Heat Exchanger Assembly</i> section for parts breakdown
2	70142	Nut	
3	J1001270	Washer	2 required
4	J1117191	Tubing	6 feet required in whole system; Copper; 1/2 inch OD
5	JM-90527	Braided Sleeving Insulation	34 feet required in whole system
6	J1471234	Condenser Coil	
7	J1559251	Steam Assembly	Coil; Refer to <i>Steam Assembly</i> section for parts breakdown
8	J1319268	Steam Hose	4 required in whole system
9	JC-30454	Union Compression Elbow	2 required
10	J1559277	Front Head Steam Assembly	Refer to <i>Front Head Steam Assembly</i> section for parts breakdown
11	91202	Screw	
12	M400013	Washer	
13	J1550771	Front Frame Assembly	Refer to <i>Front Frame Assembly</i> section for parts breakdown

Steam System - Rear

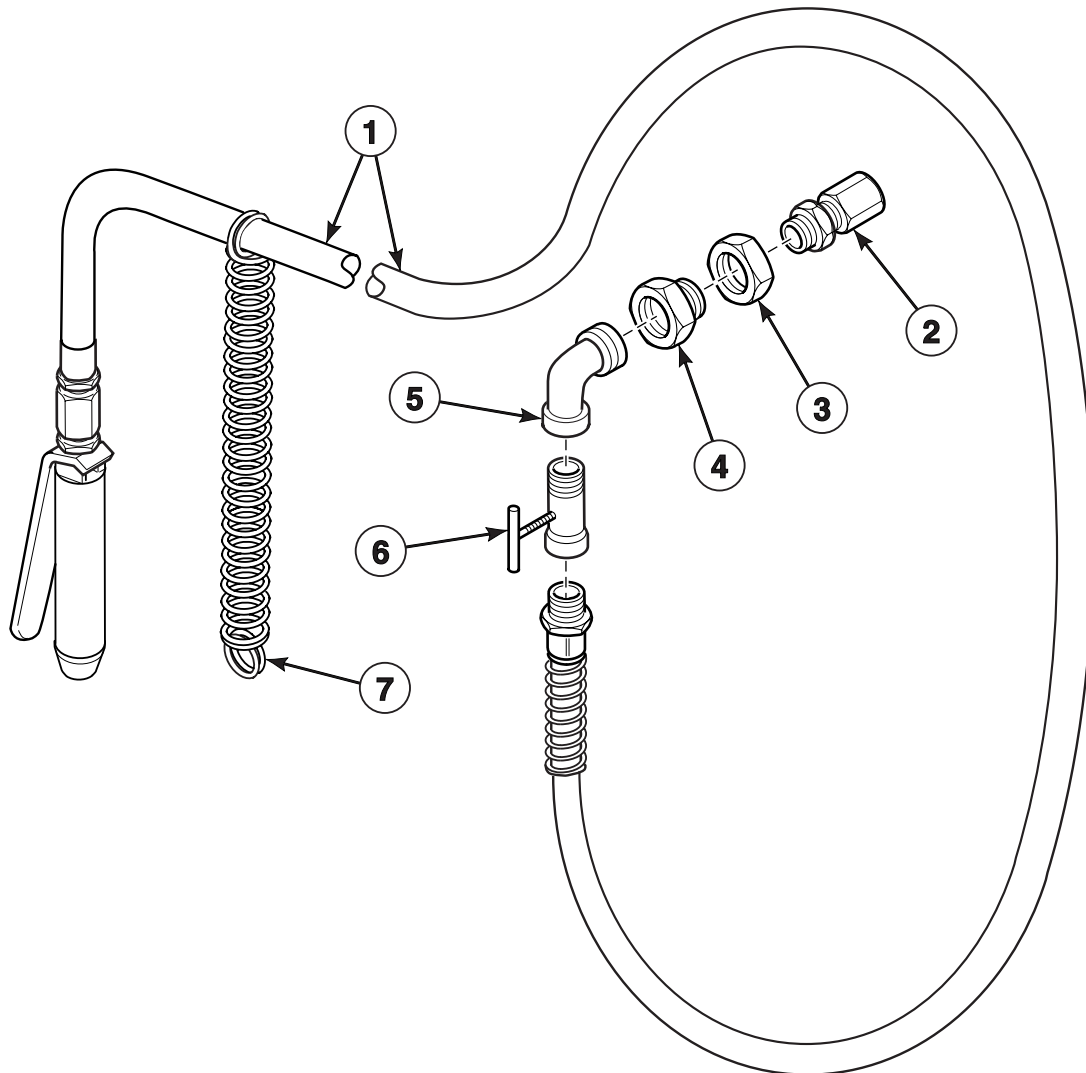


CAB1911P_AJ0054

Steam System - Rear

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09231	Condenser Flow Control	
1	J1564285	Screw	2 required
2	M400013	Washer	10 required
3	70142	Nut	8 required
4	J1559285	Steam Manifold Assembly	Rear head; Refer to <i>Steam Manifold Assembly</i> section for parts breakdown
5	J1554005	Discharge Box Assembly	Refer to <i>Discharge Box Assembly</i> section for parts breakdown
6	J1458702	Steam Hose	
7	J1550763	Rear Frame Assembly	Refer to <i>Rear Frame Assembly</i> section for parts breakdown
8	J1561216	Condenser Tank Assembly	Refer to <i>Condenser Tank Assembly</i> section for parts breakdown
9	J1117191	Tubing	6 feet required in whole system; Copper; 1/2 inch OD
10	JM-90527	Braided Sleeving Insulation	34 feet required in whole system
11	J1559269	Steam Inlet Manifold Assembly	Refer to <i>Steam Inlet Manifold Assembly</i> section for parts breakdown
12	J1562602	Steam Coil Assembly	Refer to <i>Steam Coil Assembly</i> section for parts breakdown
13	J1560762	Steam Inlet Assembly	Refer to <i>Steam Inlet Assembly</i> section for parts breakdown
14	J1132174	Tubing	12 feet required; Copper; 5/8 inch OD
15	J200100300	Sleeve	Use as required

Spray Gun Assembly

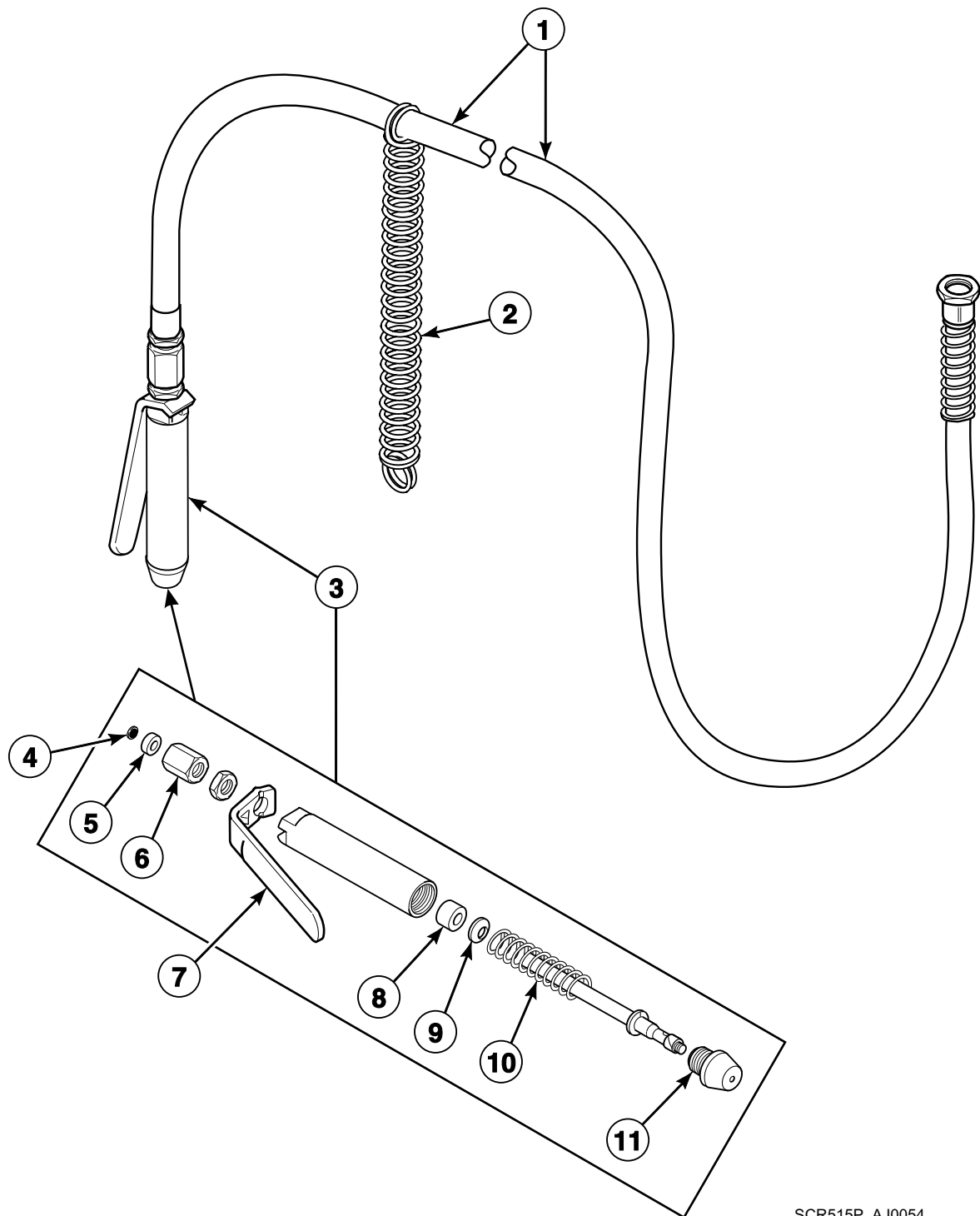


CAB2489P_AJ0054

Spray Gun Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-04809	Spray Gun Assembly	Includes items 1-7
	JA-23002	Spray Gun Bracket	Use JA-52426 Screw, J1185073 Washer and 20275 Nut to attach
1	JA-51110	Water Gun Assembly	Refer to <i>Water Gun Assembly</i> section for parts breakdown
2	J1151661	Compression Connector	
3	M400022	Nut	
4	JA-12007	Spray Gun Coupling	
5	JA-54494	Street Pipe Elbow	
6	J1246024	Needle Valve	
7	JA-52160	Special Extension Spring	Use JA-50394 Screw, J1185073 Washer and 20275 Nut to attach

Water Gun Assembly

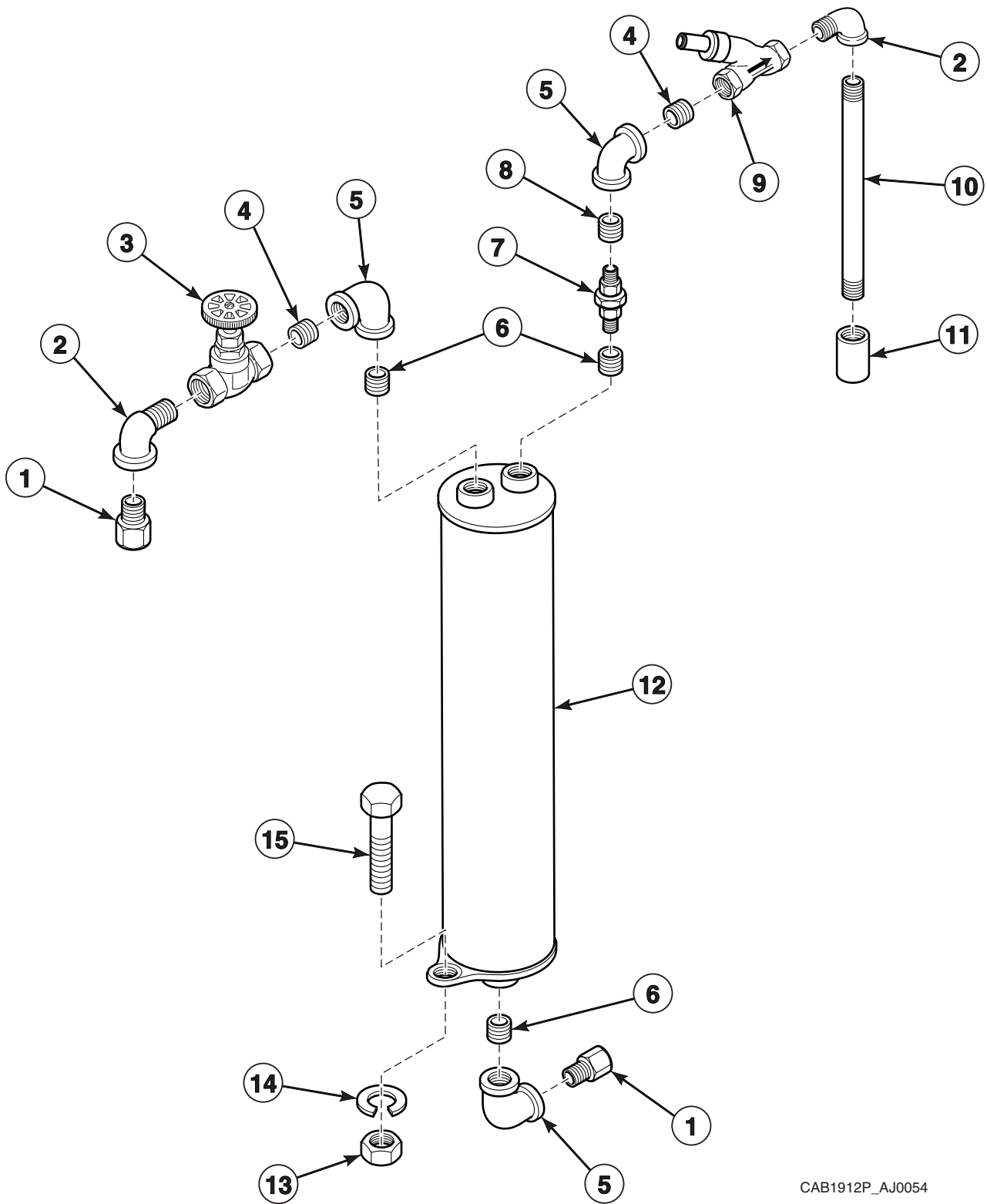


SCR515P_AJ0054

Water Gun Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-51110	Water Gun Assembly	Includes items 1-11
1	JA-51793	Hose Assembly	
2	JA-50949	Spring	Suspension; Use to attach hose to cabinet
3	JA-51792	Water Gun	Includes items 4-11
4	JA-50640	Water Gun Filter Screen	
5	JA-50649	Coupling Packing	
6	JA-50639	Water Gun Coupling	
7	JA-50638	Water Gun Handle	
8	JA-50646	Water Gun Packing	
9	JA-50647	Washer	Brass
10	JA-50648	Water Gun Spring	
11	JA-50641	Water Gun Nozzle	

Condenser Tank Assembly

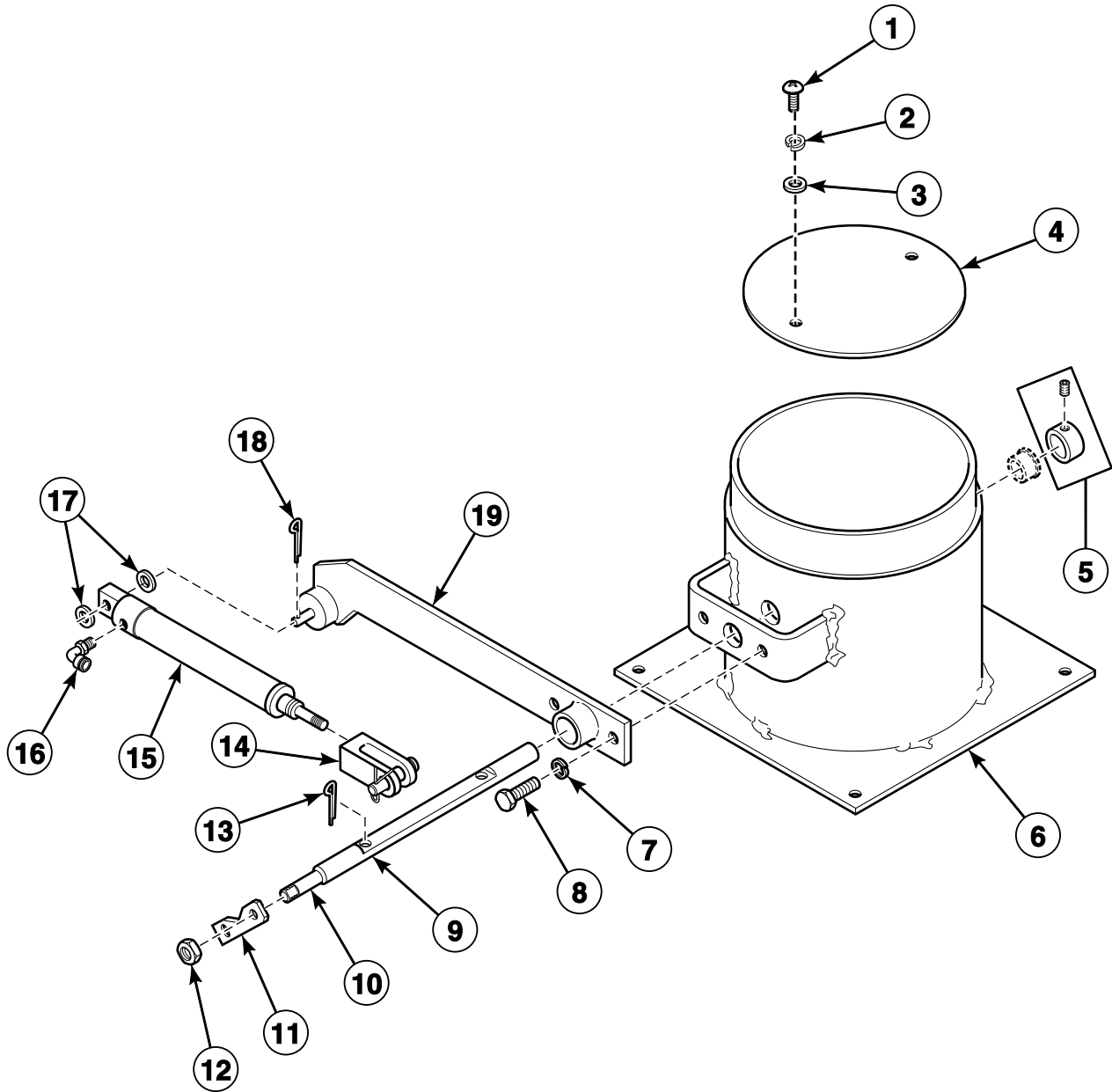


CAB1912P_AJ0054

Condenser Tank Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1561216	Condenser Tank Assembly	Includes items 1-15
1	J1161272	Male Compression Connector	2 required
2	J1014455	Street Pipe Elbow	2 required
3	J1178714	Globe Valve	Bronze
4	J1236553	Pipe Nipple	2 required
5	J1239383	Pipe Elbow	3 required
6	J1239334	Pipe Nipple	3 required
7	J1014554	Pipe Union	
8	J1561273	Condenser Orifice Weldment	
9	JGD-145-16	2-Way Solenoid Valve	
10	JC-46228	Pipe Nipple	
11	J1240878	Pipe Coupling	
12	J1538768	Condenser Tank Weldment	
13	70142	Nut	
14	M400013	Washer	
15	91202	Screw	

Butterfly Damper Assembly

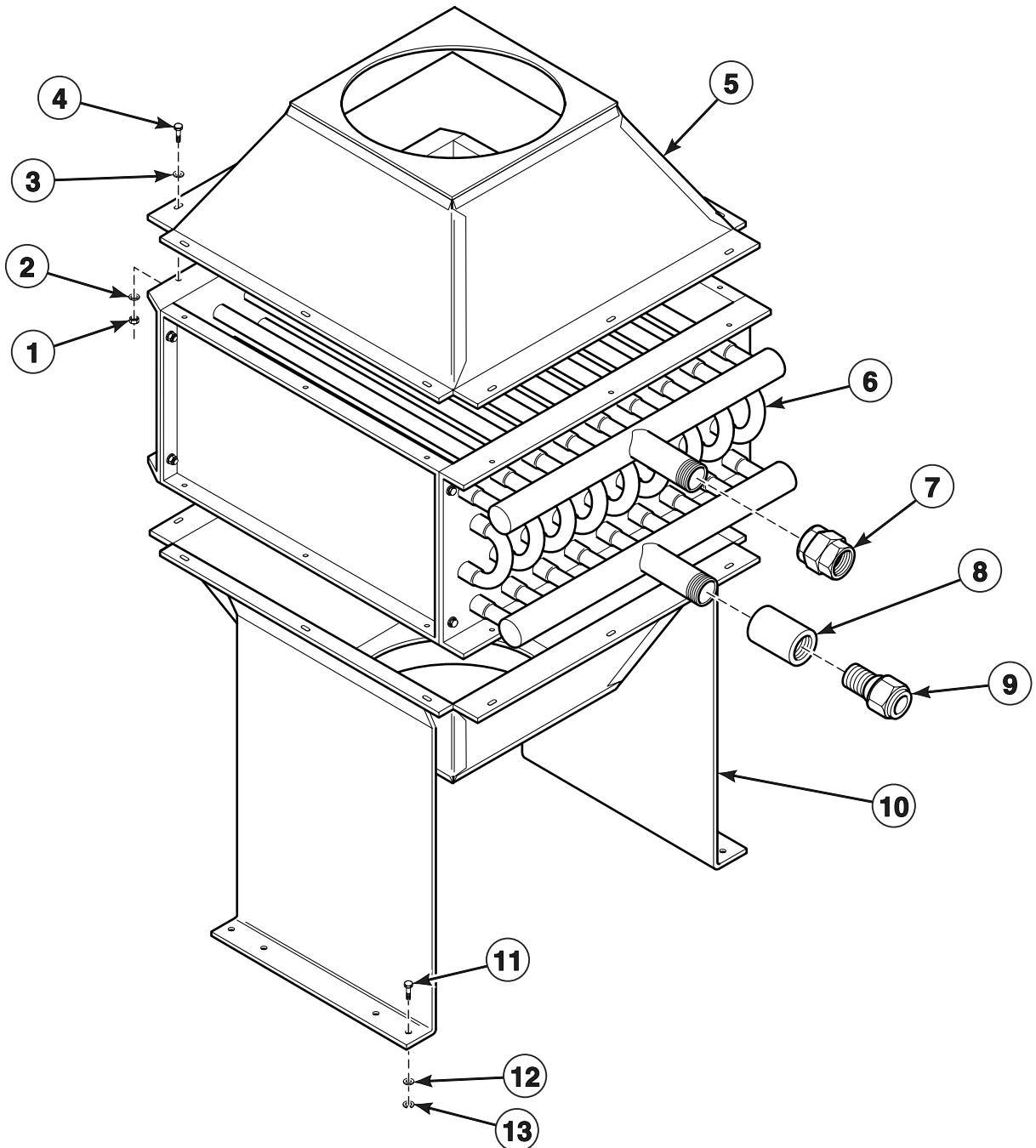


CAB1839P_AJ0054

Butterfly Damper Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1552447	Butterfly Damper Assembly	Includes items 1-19
1	JC-61247	Screw	2 required
2	J1205129	Washer	2 required
3	JC-80612	Washer	2 required
4	J1551852	Butterfly	
5	J1564368	Screw Collar	Includes screw
6	J1551936	Housing Weldment	
7	J1185073	Washer	2 required
8	J1001726	Screw	2 required
9	J1564350	Butterfly Damper Shaft	Intermediate
10	J0637756-00	Butterfly Damper Shaft	
11	J1551845	Butterfly Damper Linkage	
12	J1447424	Nut	
13	J1155530	Cotter Pin	
14	J1561414	Clevis	Includes clevis pin and cotter pin
15	J1561406	Universal Air Cylinder	
16	J1407741	Swivel Tubing Elbow	
17	J1370113	Washer	2 required
18	JC-54526	Cotter Pin	
19	J1553916	Plate Sub-Assembly	

Steam Coil Assembly

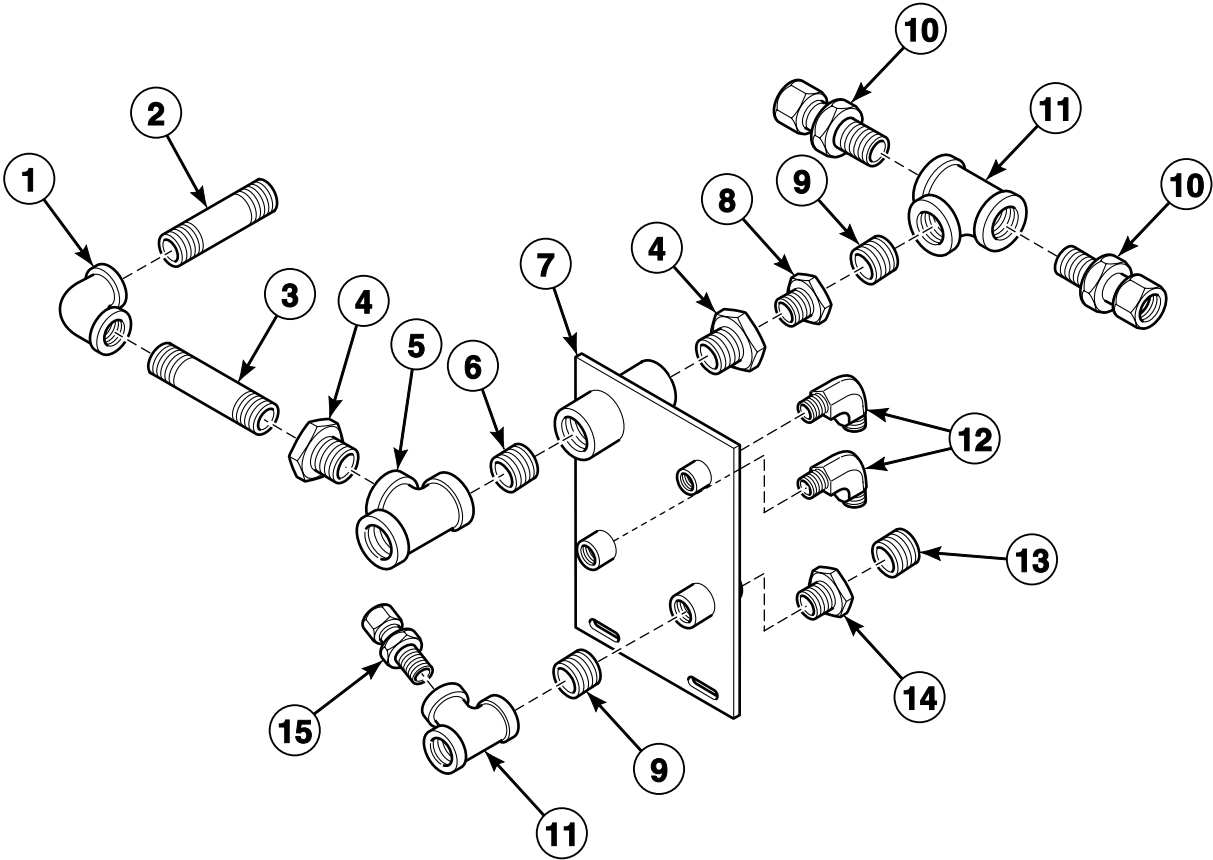


CAB1913P_AJ0054

Steam Coil Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1562602	Steam Coil Assembly	Includes items 1-10
	F410102	Clear Sealant	Apply to top and bottom of coil
1	J1000736	Nut	24 required
2	J1000975	Washer	24 required
3	J1001213	Washer	24 required
4	J1001627	Screw	24 required
5	J1540780	Steam Coil Top Duct Weldment	
6	J1536366	Steam Coil	
7	J1014570	Pipe Union	
8	JC-58630	Pipe Coupling	
9	J1355254	Compression Connector	
10	J1561257	Bottom Duct Weldment	Steam coil
11	J1037423	Screw	8 required
12	M400081	Washer	8 required
13	M400014	Washer	8 required

Steam Inlet Assembly

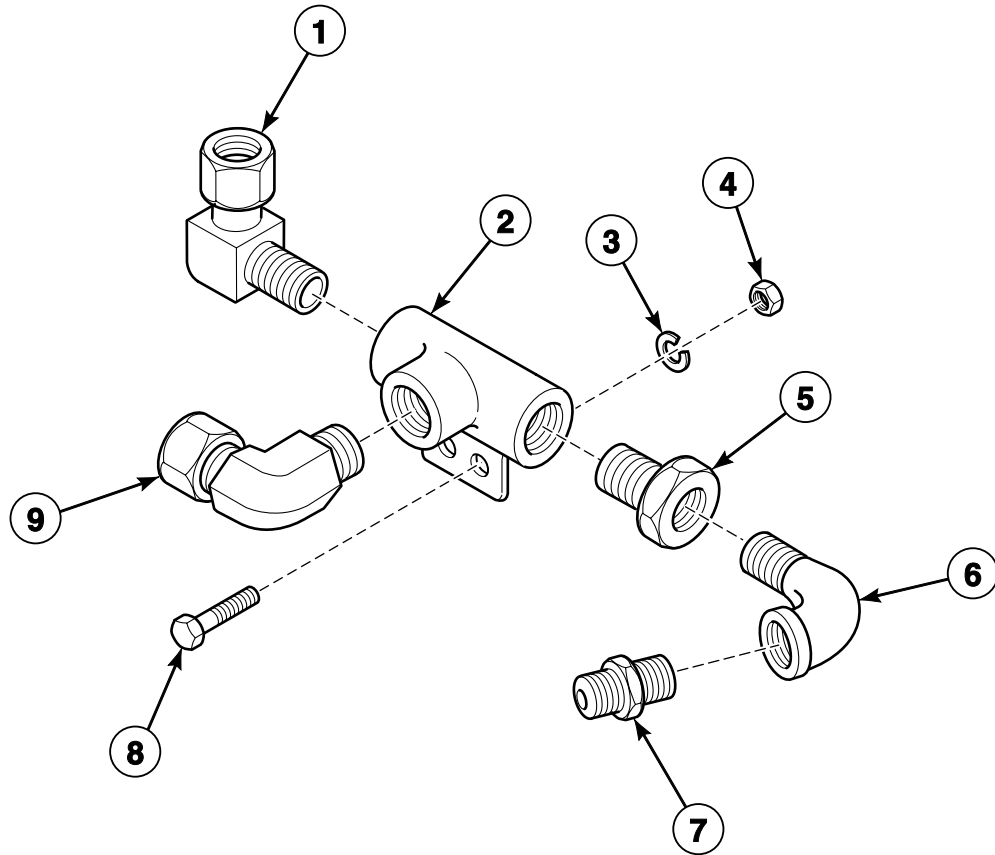


CAB2627P_AJ0054

Steam Inlet Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1560762	Steam Inlet Assembly	Includes items 1-15
1	J1012491	Pipe Elbow	
2	JC-46260	Pipe Nipple	
3	JC-46077	Pipe Nipple	
4	J1161108	Reducing Bushing	2 required
5	JC-70706	Pipe Tee	
6	JC-46279	Pipe Nipple	
7	J1555358	Steam Inlet Manifold Weldment	
8	J1161165	Reducing Bushing	
9	J1236553	Pipe Nipple	2 required
10	J1161272	Male Compression Connector	2 required
11	JC-70628	Pipe Tee	2 required
12	J1161280	Male Compression Elbow	2 required
13	J1161421	Pipe Plug	
14	JC-19624	Pipe Bushing	
15	J1355254	Compression Connector	

Front Head Steam Assembly

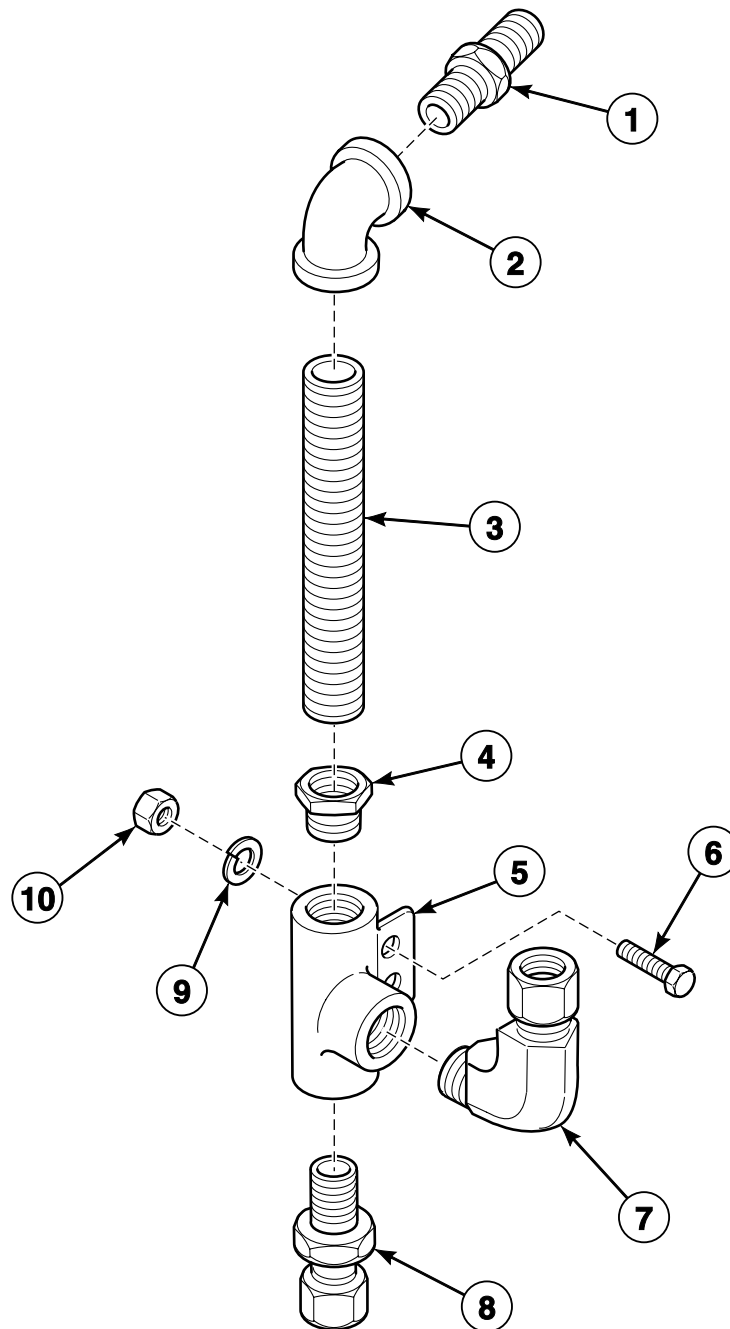


CAB1915P_AJ0054

Front Head Steam Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1559277	Front Head Steam Assembly	Includes items 1, 2, 5-7 and 9
1	JA-54351	Compression Elbow	
2	JA-23840	Tee Bracket	
3	M400013	Washer	2 required
4	70142	Nut	2 required
5	JC-19662	Reducing Bushing	
6	J1231521	Street Pipe Elbow	
7	J1319276	Flare Connector	
8	M400056	Screw	2 required
9	J1161280	Male Compression Elbow	

Steam Manifold Assembly - Rear Head

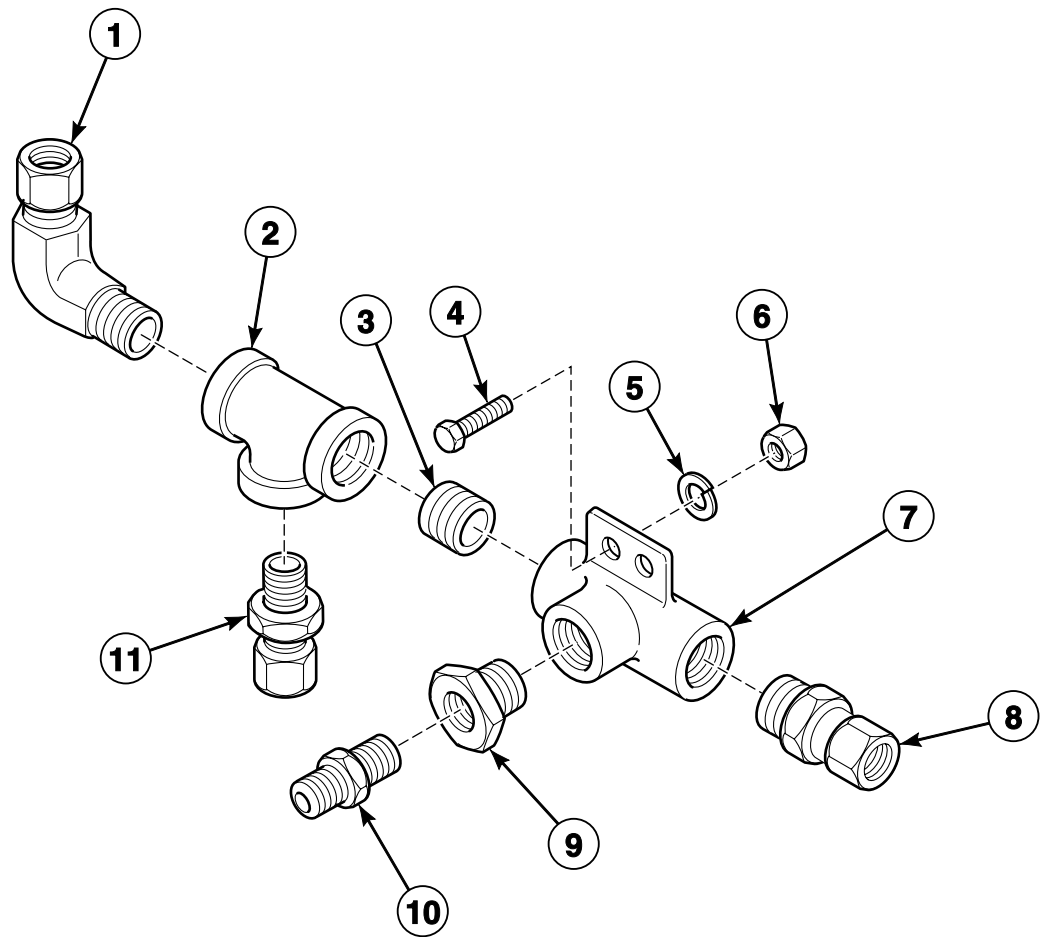


CAB1916P_AJ0054

Steam Manifold Assembly - Rear Head

REF	PART NO.	DESCRIPTION	COMMENTS
	J1559285	Steam Manifold Assembly	Rear head; Includes items 1-5, 7 and 8
1	J1319276	Flare Connector	
2	JA-50635	Pipe Elbow	
3	JA-50728	Nipple	
4	JC-19662	Reducing Bushing	
5	JA-23840	Tee Bracket	
6	91202	Screw	2 required
7	J1161280	Male Compression Elbow	
8	JC-30857	Male Compression Connector	
9	M400013	Washer	2 required
10	70142	Nut	2 required

Steam Assembly

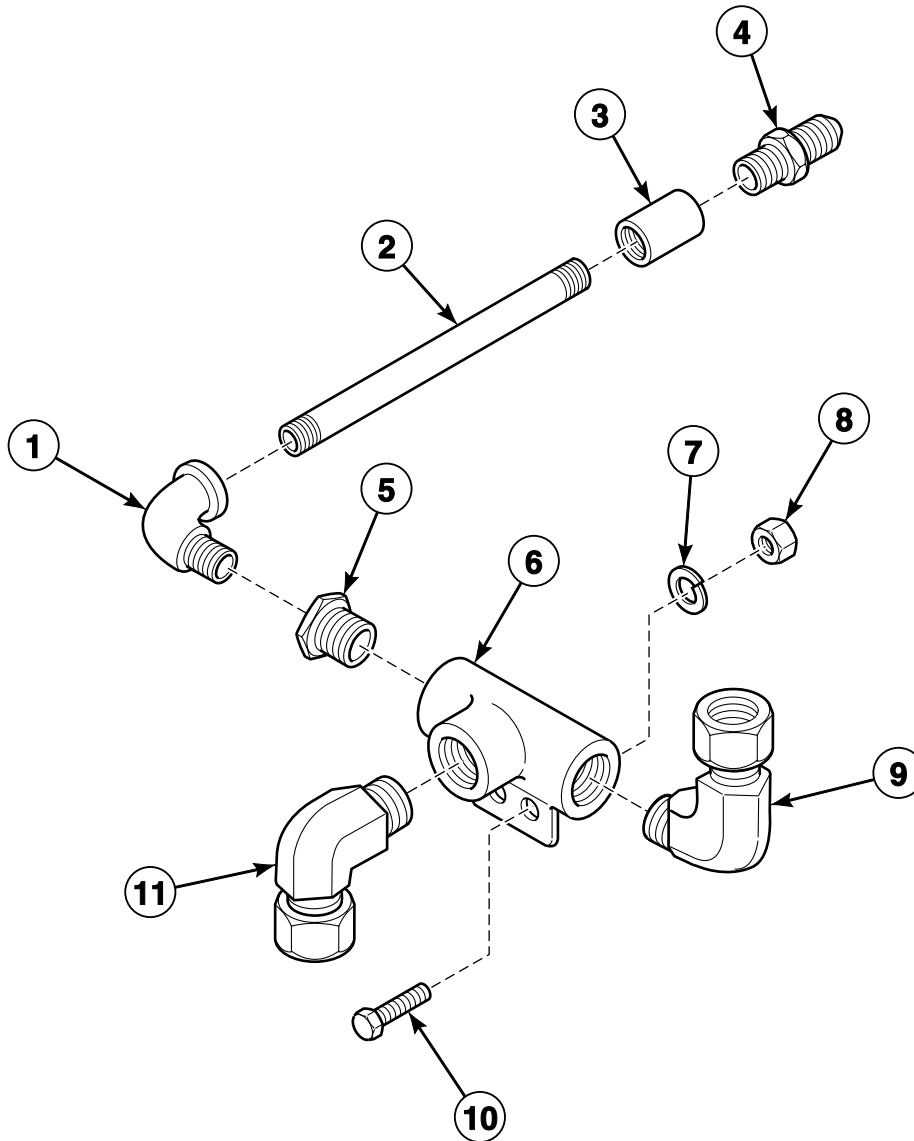


CAB1917P_AJ0054

Steam Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1559251	Steam Assembly	Includes items 1-3 and 7-11
1	JA-54351	Compression Elbow	
2	J1018423	Tee	
3	431206	Pipe Nipple	
4	91202	Screw	2 required
5	M400013	Washer	2 required
6	70142	Nut	2 required
7	JA-23840	Tee Bracket	
8	JC-30857	Male Compression Connector	
9	JC-19682	Reducing Bushing	
10	J1319276	Flare Connector	
11	J200203600	Male Connector	

Steam Inlet Manifold Assembly

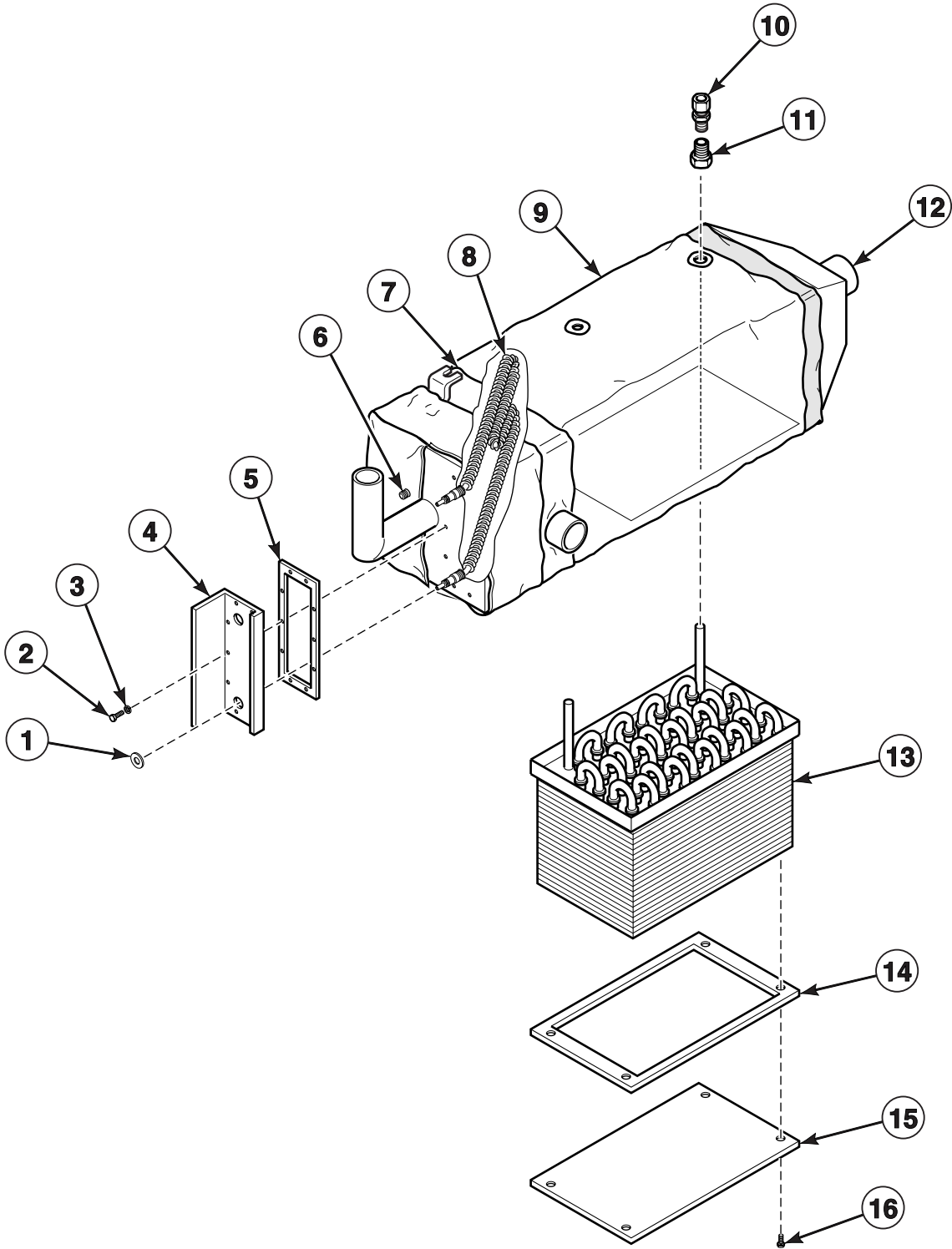


CAB1918P_AJ0054

Steam Inlet Manifold Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1559269	Steam Inlet Manifold Assembly	Includes items 1-6, 9 and 11
1	J1231521	Street Pipe Elbow	
2	JC-46337	Pipe Nipple	
3	JC-23002	Pipe Coupling	
4	J1319276	Flare Connector	
5	JC-19662	Reducing Bushing	
6	JA-23840	Tee Bracket	
7	M400013	Washer	2 required
8	70142	Nut	2 required
9	JA-54351	Compression Elbow	
10	91202	Screw	2 required
11	J1161280	Male Compression Elbow	

Heat Exchanger Assembly



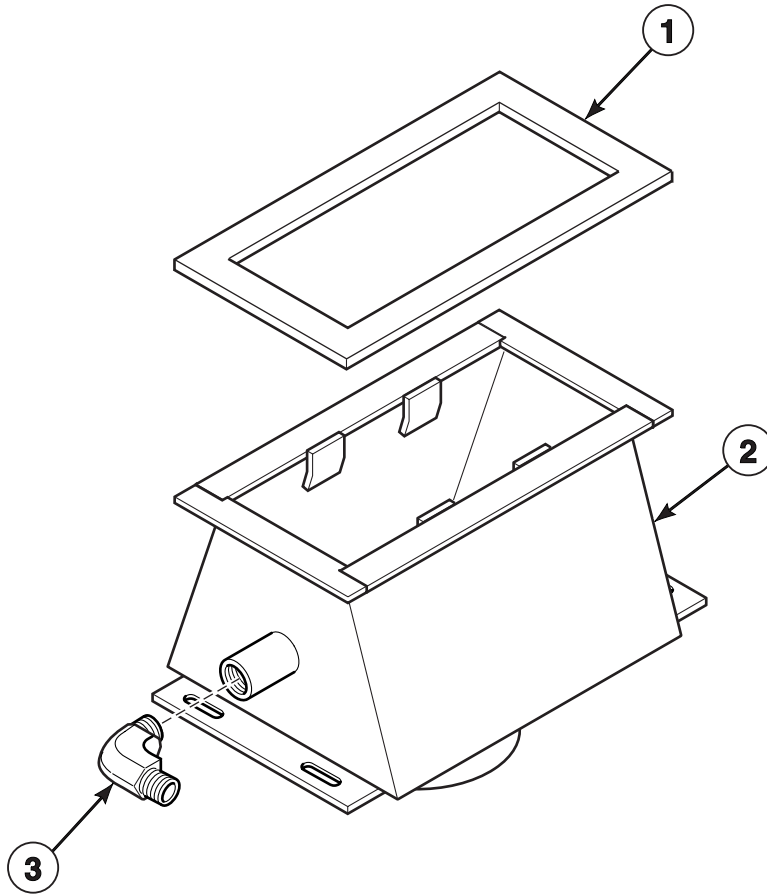
CAB2190P_AJ0054

Heat Exchanger Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1548825	Heat Exchanger Assembly	Includes items 1-16
1	JC-80565	Washer	2 required
2	J1185107	Screw	12 required
3	J1000975	Washer	12 required
4	JA-22982	Heater Plate	Electric
5	JA-23801	Electric Box Gasket	2 required
6	JA-24122	Fitting	Thermostat
7	N/A	Tape	
8	JA-53883	Heater Element	1500 Watt; 230 Volt
9	J1540749	Insulation	Heat exchanger
10	J1161272	Male Compression Connector	2 required
11	J1540731	Bulkhead Fitting	2 required
12	J1548817	Heat Exchanger Housing Weldment	
13	J1536382	Steam Coil Weldment	
14	J1540814	Joint Sealant Gasket	4 required; Cover
15	J1562818	Heat Exchanger Cover Plate	
16	N/A	Screw	14 required

N/A = Part no longer available

Discharge Box Assembly

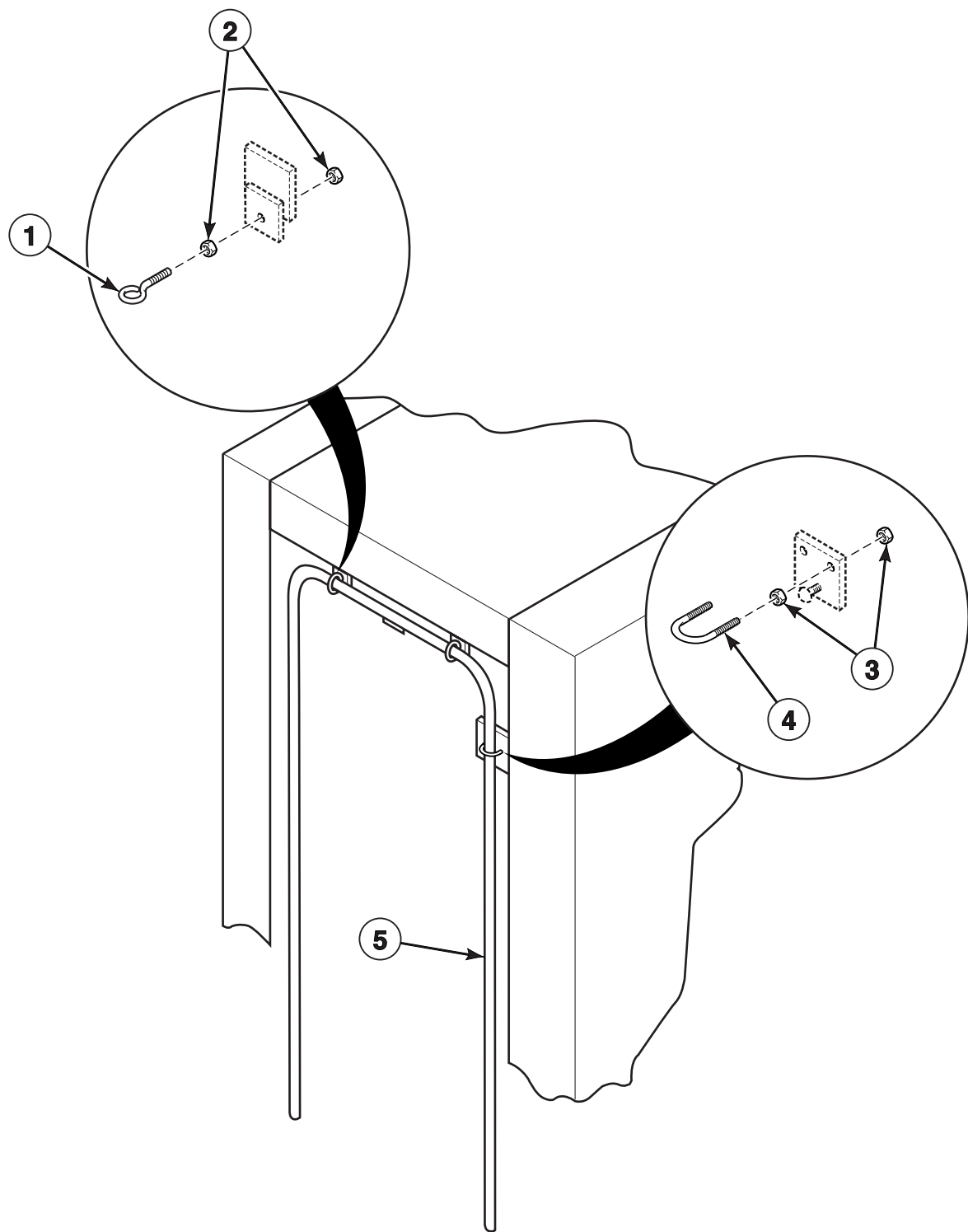


CAB1919P_AJ0054

Discharge Box Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1554005	Discharge Box Assembly	Includes items 1-3
	F410102	Clear Sealant	Use to bond item 2 to item 1
1	J1555689	Discharge Box Gasket	
2	J1552348	Discharge Box Weldment	
3	J1119726	Elbow	

Safety Bar

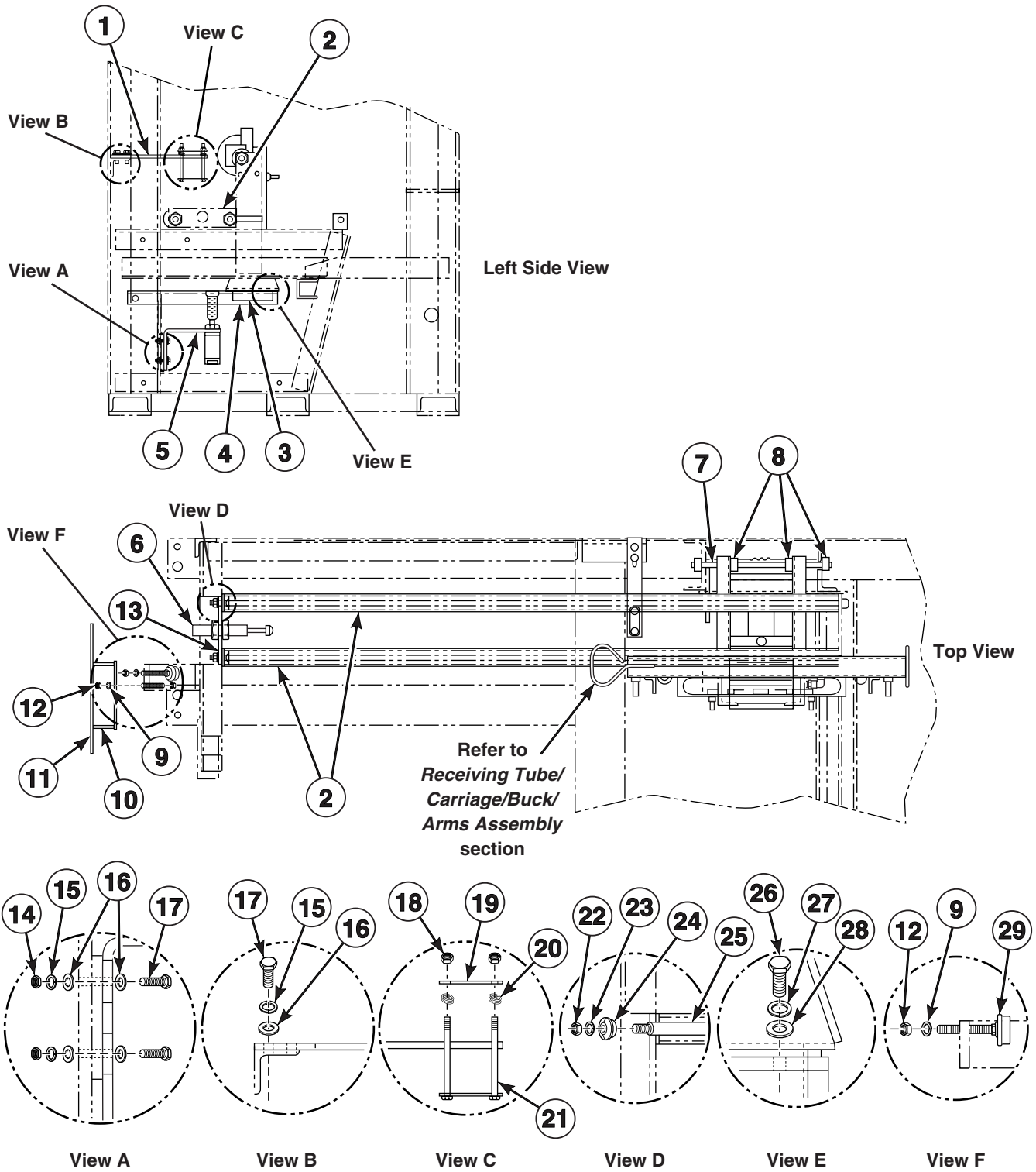


CAB1920P_AJ0054

Safety Bar

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1447846	Bolt	Eye; 2 required
2	70142	Nut	4 required
3	20275	Nut	4 required
4	J1343508	U-Bolt	
5	J1545250	Safety Bar Weldment	

Completing Parts

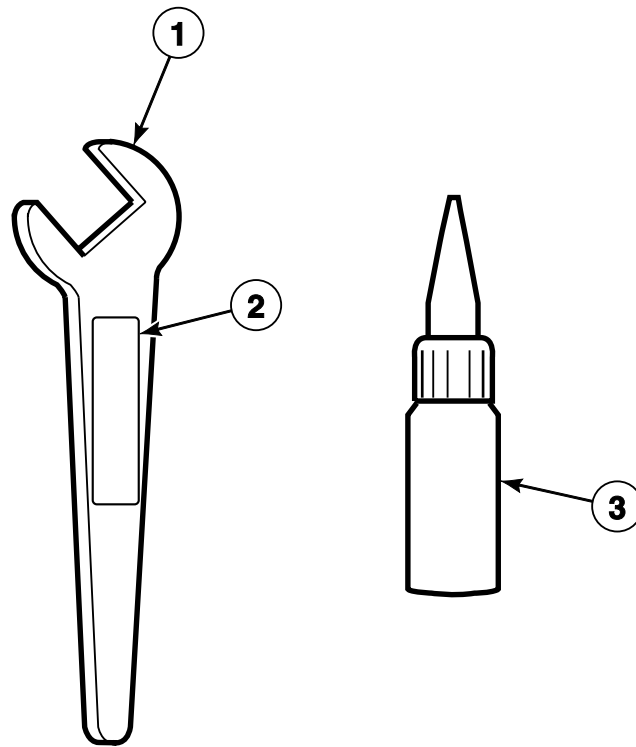


CAB1932P_AJ0054

Completing Parts

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-23048	Electric Box Cover	
1	J1614924	Indexing Plate	
2	J200041100	Tube	2 required
3	J1554005	Discharge Box Assembly	Refer to <i>Discharge Box Assembly</i> section for parts breakdown
4	J1554039	Discharge Box Support Weldment	
5	J1559186	Cylinder Assembly	Refer to <i>Discharge Box Cylinder Assembly</i> section for parts breakdown
6	J1564160	Shock Absorber	
7	J1554070	Discharge Box Pivot Rod	
8	JC-22262	Screw Collar	4 required
9	M400014	Washer	
10	J1562990	Rod	2 required; Threaded
11	J200167900	Stiffening Bracket Weldment	
12	20274	Nut	
13	J200160500	Capture Plate	
14	70142	Nut	2 required
15	M400013	Washer	4 required
16	M400080	Washer	6 required
17	M400056	Screw	4 required
18	JC-43023	Nut	2 required
19	J1615012	Indexing Plate	
20	J1039676	Tapered Compression Spring	2 required
21	J1615020	Indexing Cylinder Weldment	
22	J1000850	Nut	4 required
23	J1001106	Washer	4 required
24	J200133500	Rail Slug Insert	4 required
25	JA-23189	Rod Rail	2 required
26	JA-53020	Screw	4 required
27	J1185073	Washer	4 required
28	JC-80513	Washer	4 required
29	JA-56790	Bumper Assembly	

Shipped Box Items

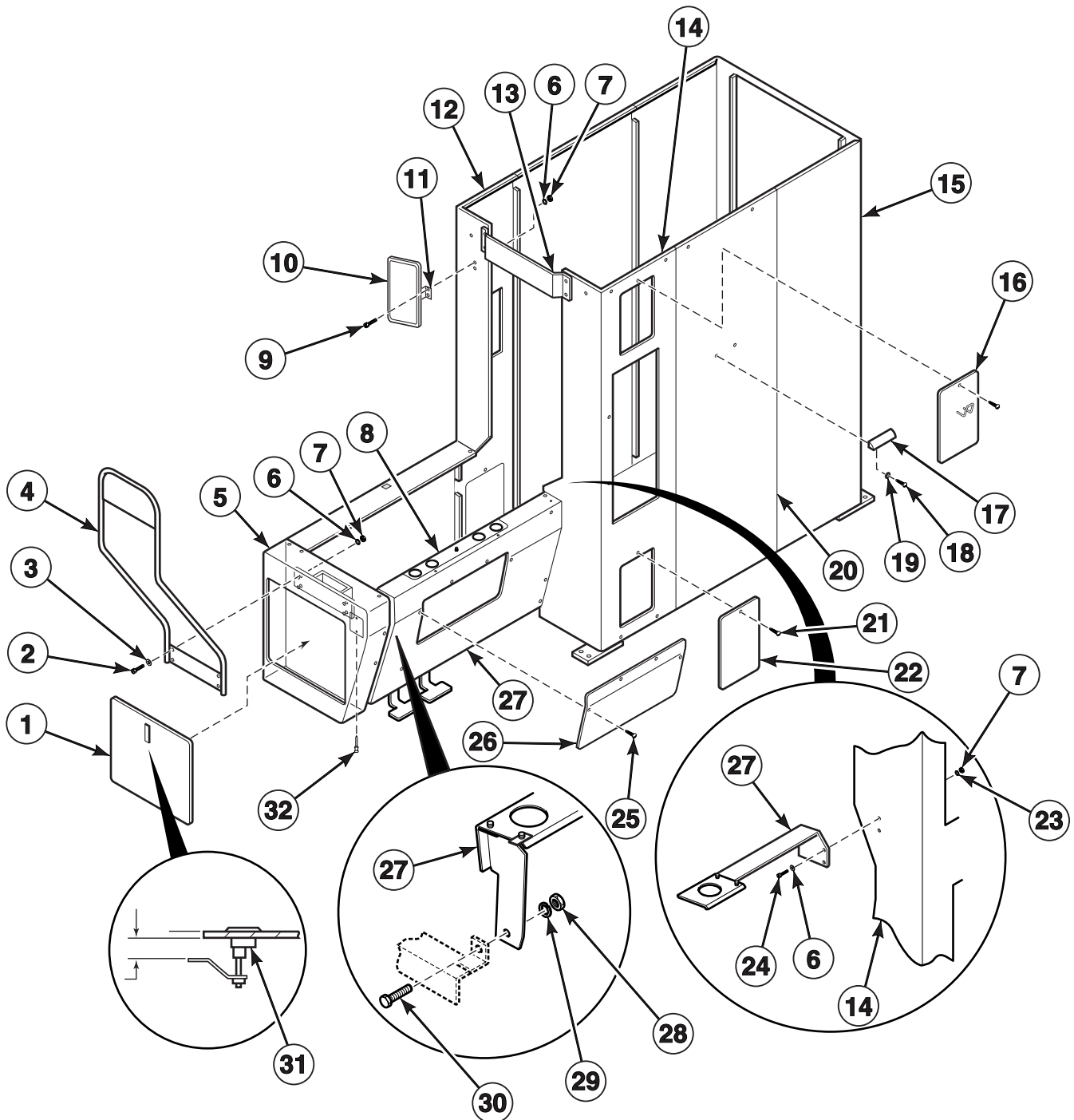


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Shipped Box Items

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1484732	Wrench	Eccentric
2	J1500297	Caution ECC Wrench Nameplate	2 required
3	J1490598	High Temperature Lubricant	

Cover Application - Left Front

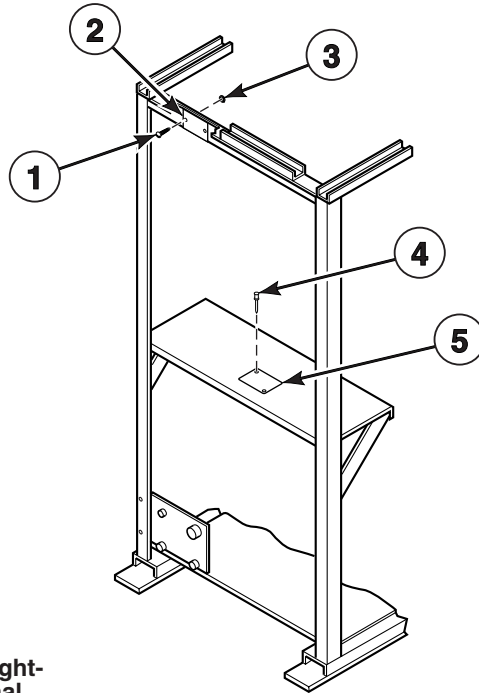


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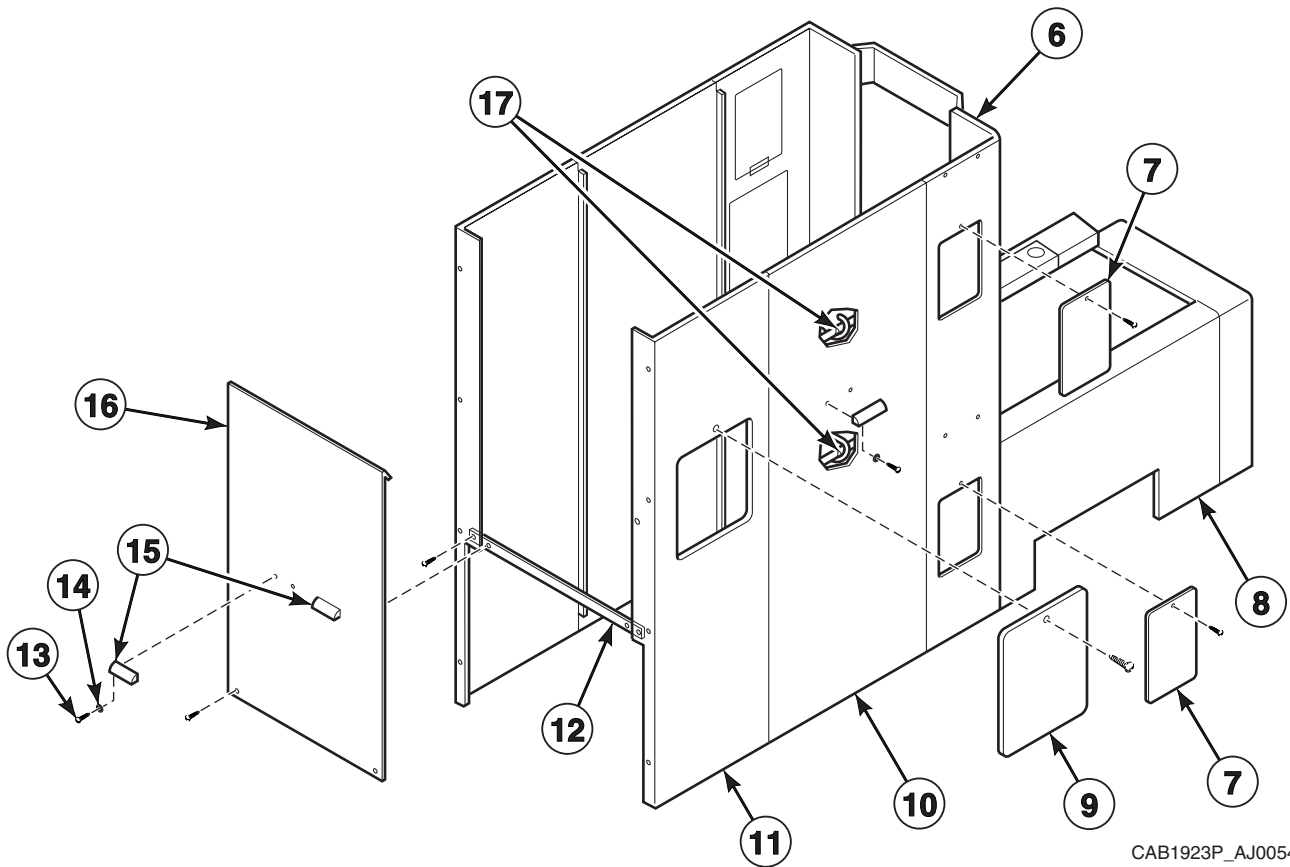
Cover Application - Left Front

REF	PART NO.	DESCRIPTION	COMMENTS
	J1534049	Screw	2 required
1	J1545383	Left Access Panel Weldment	
2	J1238518	Screw	4 required
3	JC-80513	Washer	4 required
4	J1551787	Front Guard Weldment	CE models
5	J1618834	Left Weldment Cover	
6	J1185073	Washer	8 required
7	20275	Nut	8 required
8	J1520915	Pushbutton Cover	
9	JA-50394	Screw	2 required
10	J1530955	Mirror	
11	J1528579	Mirror Mounting Bracket	
12	J1542091	Left Top Cover	
13	J0637696-00	Rail Top Cover	
14	J1613769	Front Left Cover	
15	J1613801	Front Right Cover	
16	J1562800	Access Panel Cover Weldment	
17	J1240985	Handle	4 required
18	J1187228	Screw	8 required
19	J1085984	Washer	8 required
20	J1542109	Front Middle Cover	
21	J1111095	Screw	57 required
22	J1550813	Access Panel Cover Weldment	4 required
23	JC-80583	Washer	2 required
24	JA-53020	Screw	2 required
25	J1063619	Screw	8 required
26	J1440593	Door Panel Assembly	
27	J1613793	Control Panel Cover	
	J200128400	Control Panel Cover	CE models
28	J1000850	Nut	4 required
29	91200	Washer	
30	JA-50190	Screw	
31	J1614809	Lift and Turn Latch	
32	J1323724	Blind Rivet	2 required

Cover Application - Right Rear



Rear Right-
Internal

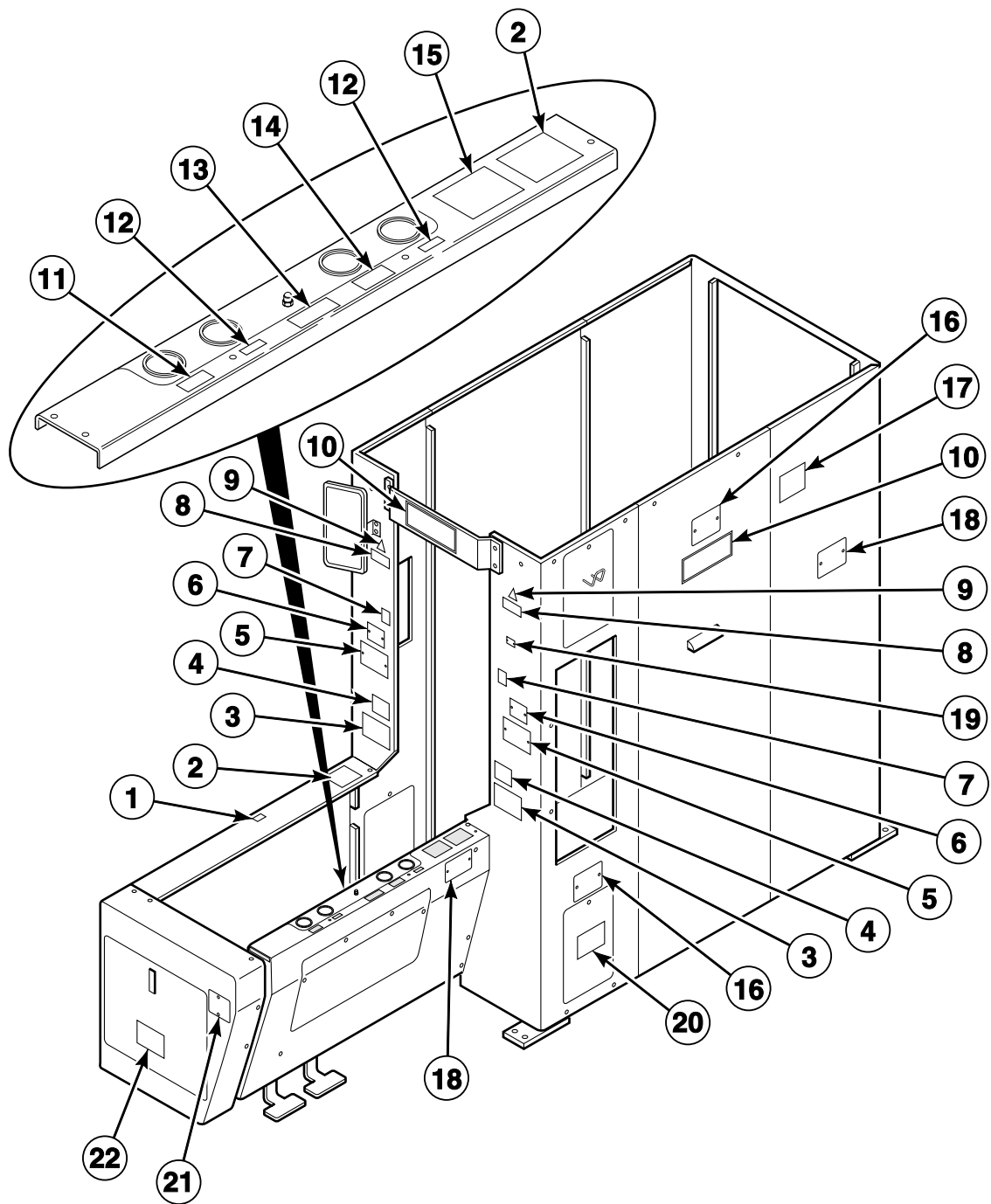


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Cover Application - Right Rear

REF	PART NO.	DESCRIPTION	COMMENTS
1	M400044	Screw	2 required
2	J1312545	Fuse Supply Wire Nameplate	
3	J1000975	Washer	2 required
4	J1323724	Blind Rivet	2 required
5	J200139800	Warning Decal	Guards in place
6	J1613785	Rear Left Cover	
7	J1550813	Access Panel Cover Weldment	4 required
8	J1542042	Rear Rail Cover	
9	J1520360	Access Cover Weldment	
10	J1542117-00	Rear Middle Cover	
11	J1614890	Rear Right Cover	
12	J1545375	Right Cover Mounting Bracket	2 required
13	J1187228	Screw	8 required
14	J1085984	Washer	8 required
15	J1240985	Handle	4 required
16	J1544154	Right Cover	
17	J1550326	Safety Label	2 required; ISO triangle

Labels and Decals - Front

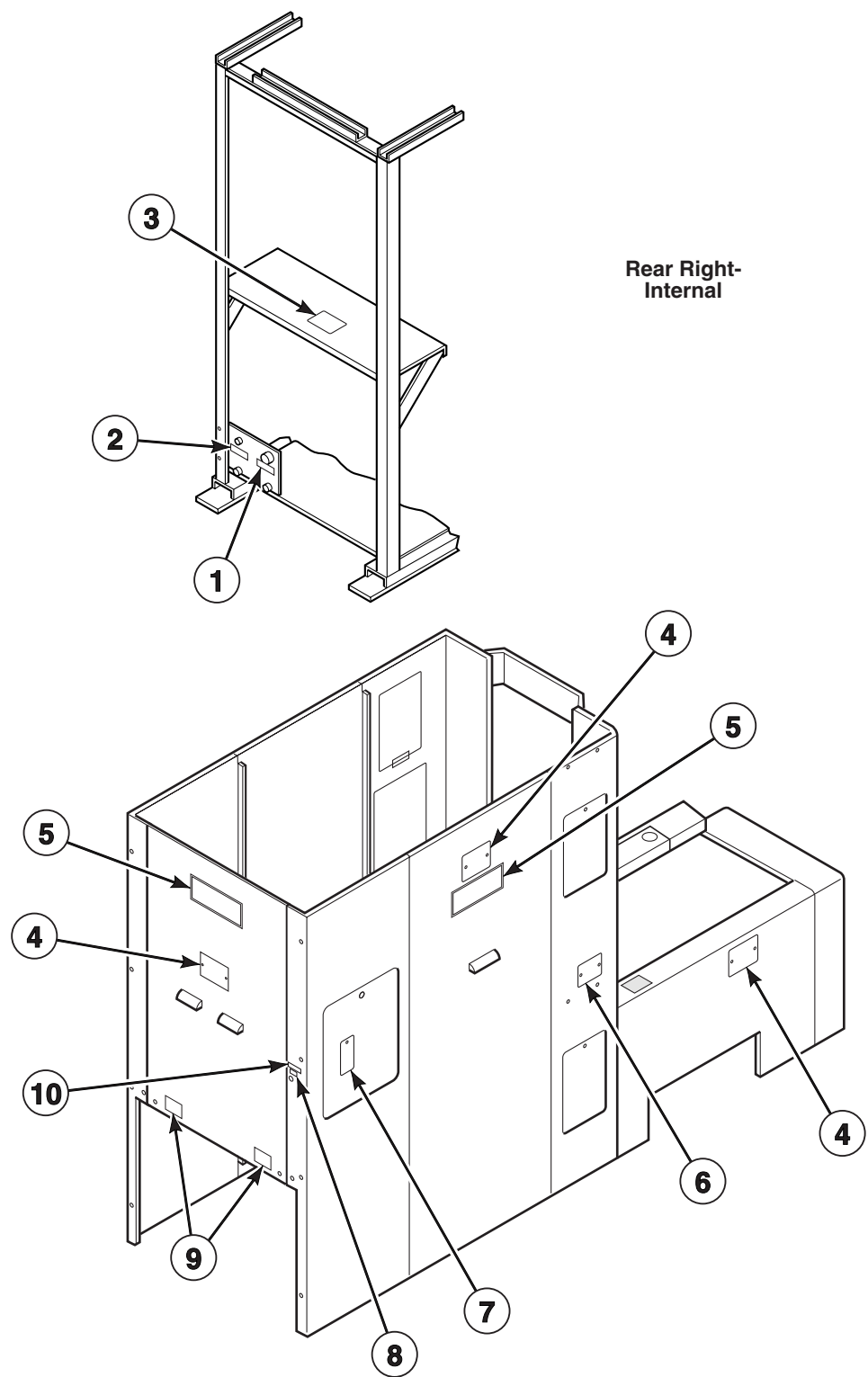


CAB2314P_AJ0054

Labels and Decals - Front

REF	PART NO.	DESCRIPTION	COMMENTS
	J1323724	Blind Rivet	36 required for front and rear
1	JA-24370	Scotchcal Decal	Clean filter weekly
2	J1556471	Warning Nameplate	To avoid injury; 2 required
3	J200103400	Buck May Move In Warning Decal	2 required
4	J1550300	Read Instruction Manual Label	2 required
5	J200181000	Warning Decal	Hot surface; 2 required
6	J1411925	Release Warning Nameplate	Safety bar release; 2 required
7	J200103500	Hot Surfaces Warning Decal	2 required
8	J200103600	Safety Bar Release Decal	2 required
9	J200102200	General Caution Symbol Decal	2 required
10	70240801	Nameplate Overlay	4 required
11	J1564319	Vacuum Release Label	
12	JA-18289	In Label	2 required
13	J1472208	Sleeve Expander Label	
14	JA-18606	Head Release Label	
15	J1564210	Start Up and Down Decal	
16	J1564293	Operating Valves Label	
17	J200099500	Transformer Control Information Decal	
18	J200171800	Guards Warning Decal	
19	J1636042	Reset Label	
20	J1564301	High/Low Pressure Label	
21	J200139800	Warning Decal	Guards in place; 3 required
22	J200156500	Shut-Off Warning Decal	Before moving; 5 required

Labels and Decals - Rear



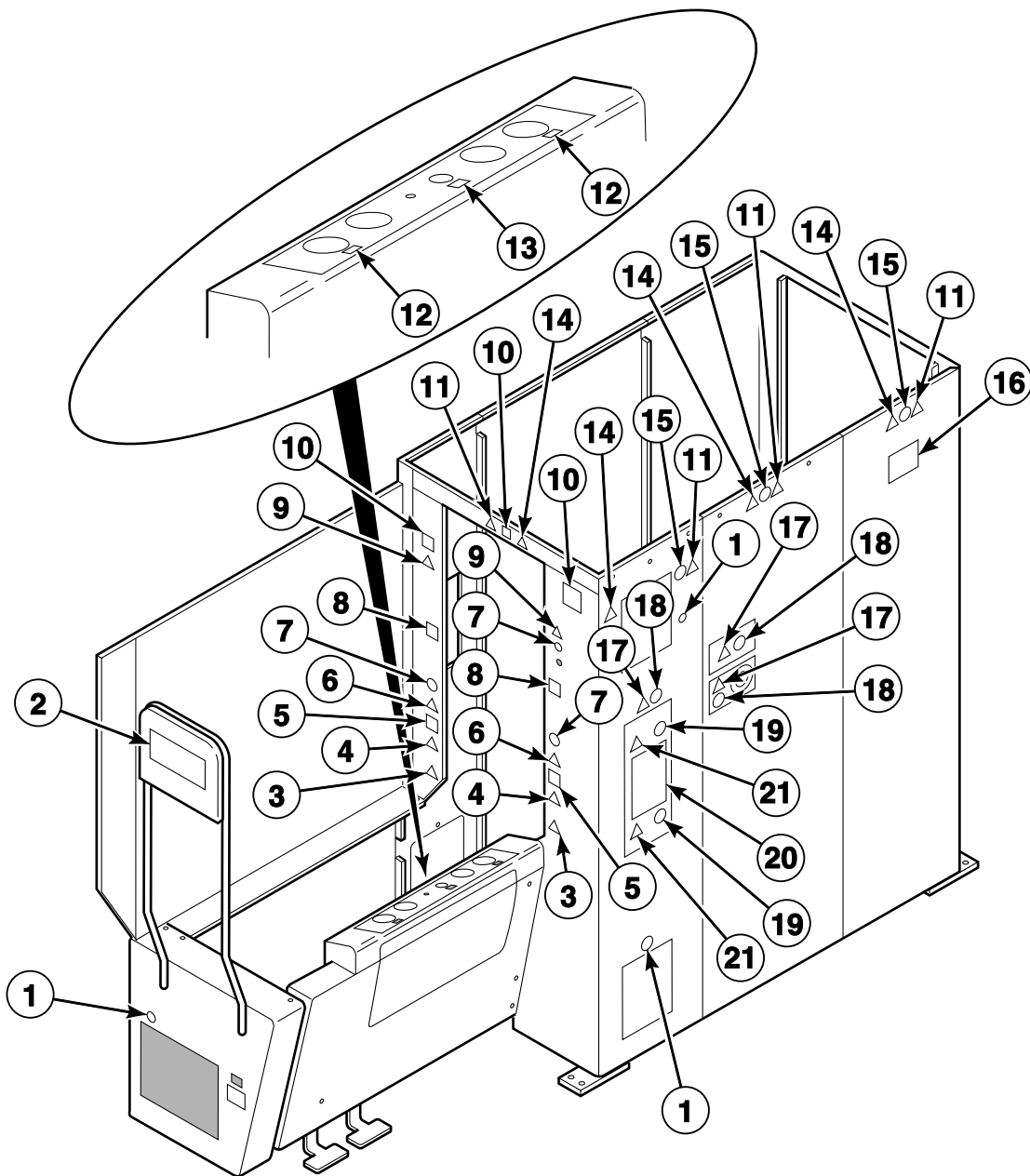
CAB2315P_AJ0054

Labels and Decals - Rear

REF	PART NO.	DESCRIPTION	COMMENTS
	J1323724	Blind Rivet	36 required for front and rear
1	JA-17841	Steam Inlet Label	
2	JA-17840	Steam Return Label	3 required
3	N/A	Air/Electric Service Tag	
4	J200156500	Shut-Off Warning Decal	Before moving; 5 required
5	70240801	Nameplate Overlay	2 required
6	J200171800	Guards Warning Decal	3 required
7	J1546274	Weekly Filter Maintenance Tag	
8	J1564277	Air Pressure Label	
9	F231380	Hot Surface Warning Decal	2 required
10	JA-17842	Air Inlet Label	

N/A = Part no longer available

Labels and Decals - Front, CE Models

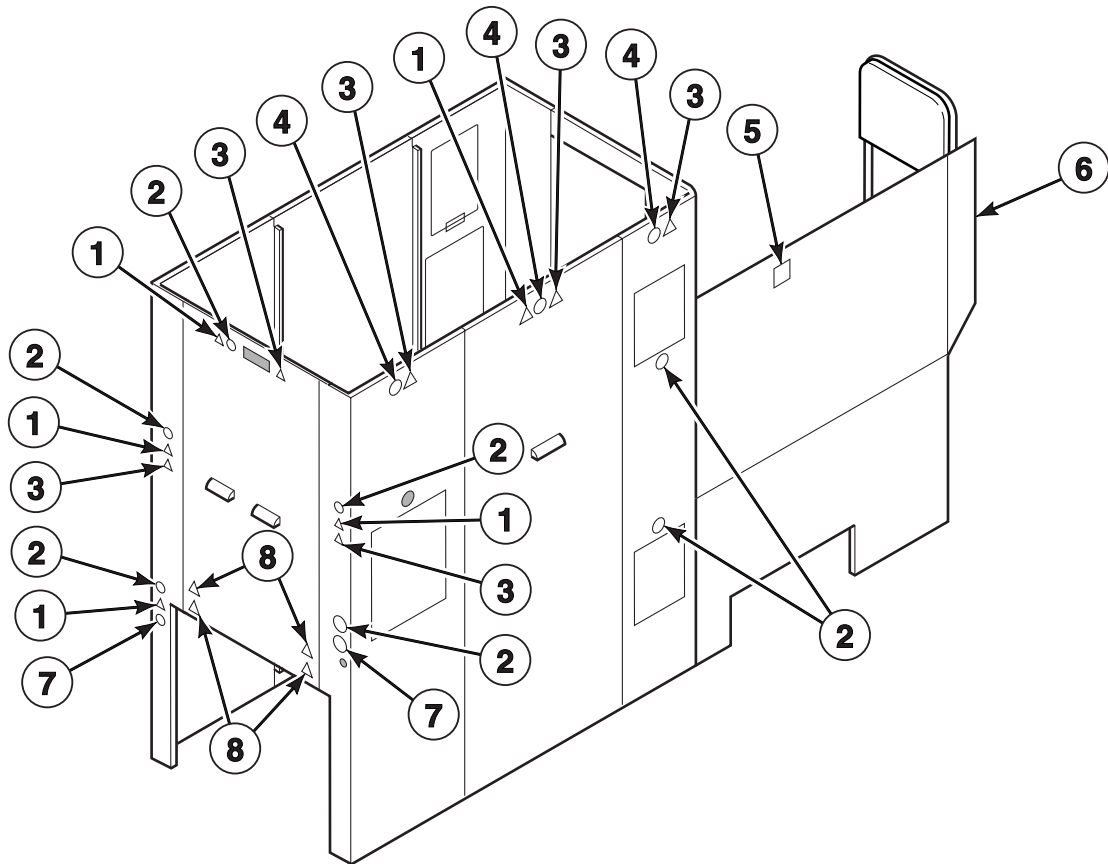


CAB2394P_AJ0054

Labels and Decals - Front, CE Models

REF	PART NO.	DESCRIPTION	COMMENTS
	J1323724	Blind Rivet	
1	J1550359	Safety Label	
2	70240801	Nameplate Overlay	
3	J1550326	Safety Label	ISO triangle; 2 required
4	J200100000	Hot Surface/Burn Hazard Decal	4 required
5	J200100900	Buck Movement Caution Decal	2 required
6	J200099400	Hot Caution Symbol Decal	4 required
7	J1550300	Read Instruction Manual Label	
8	J200101000	Safety Bar Release Symbol Decal	2 required
9	J200102200	General Caution Symbol Decal	2 required
10	J1550573	Keep Hands Out Warning Label	
11	J1636067	Burn Hazard Label	
12	J200100800	Start Symbol Decal	2 required
13	J1635101	Emergency Stop Decal	Located on front and rear safety bars
14	J1550326	Safety Label	Crush/pinch point
15	J1561497	Safety Label	Read maintenance instructions
16	J200099500	Transformer Control Information Decal	
17	J1550342	Safety Label	Electrical high voltage; Also located on top of heat exchanger
18	J1550334	Lockout Electrical Service Label	Also located on top of heat exchanger
19	J1550557	Lockout Electrical Service Label	
20	J200104400	Operating Control Decal	
21	J1550565	Electrical/High Voltage Label	Also located on inside of electrical box cover

Labels and Decals - Rear, CE Models

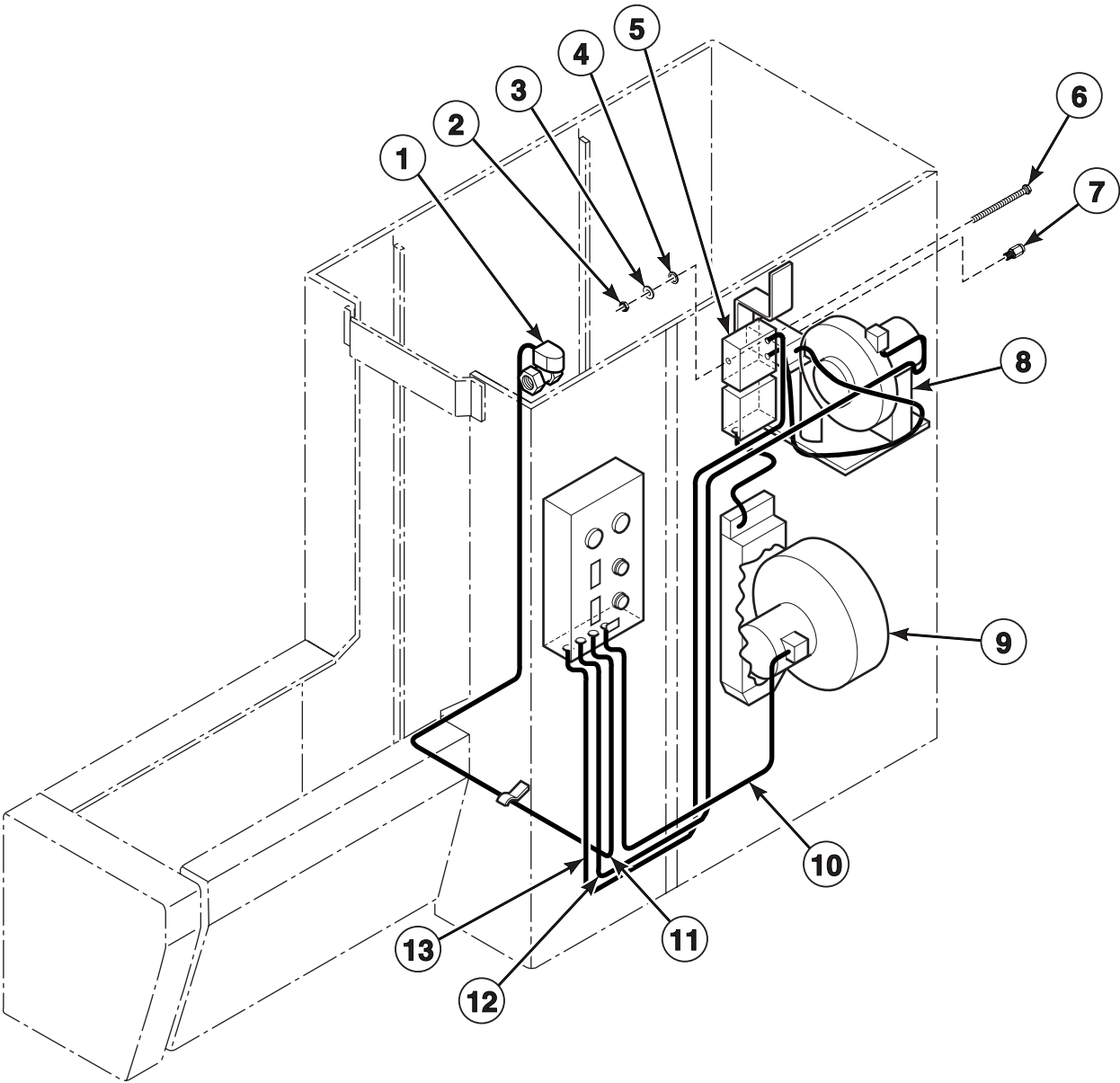


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Labels and Decals - Rear, CE Models

REF	PART NO.	DESCRIPTION	COMMENTS
	JC-63376	Screw	
	J1433366	Nut	
	J1111095	Screw	
	J1185073	Washer	
1	J1636067	Burn Hazard Label	
2	J1550359	Safety Label	
3	J1550326	Safety Label	Crush/pinch point
4	J1561497	Safety Label	Read maintenance instructions
5	J1550573	Keep Hands Out Warning Label	
6	J1649482-00	Rear Cover	
7	J1550540	Safety Label	Lock out air and steam service
8	J200099400	Hot Caution Symbol Decal	4 required

Electrical Parts and Conduit

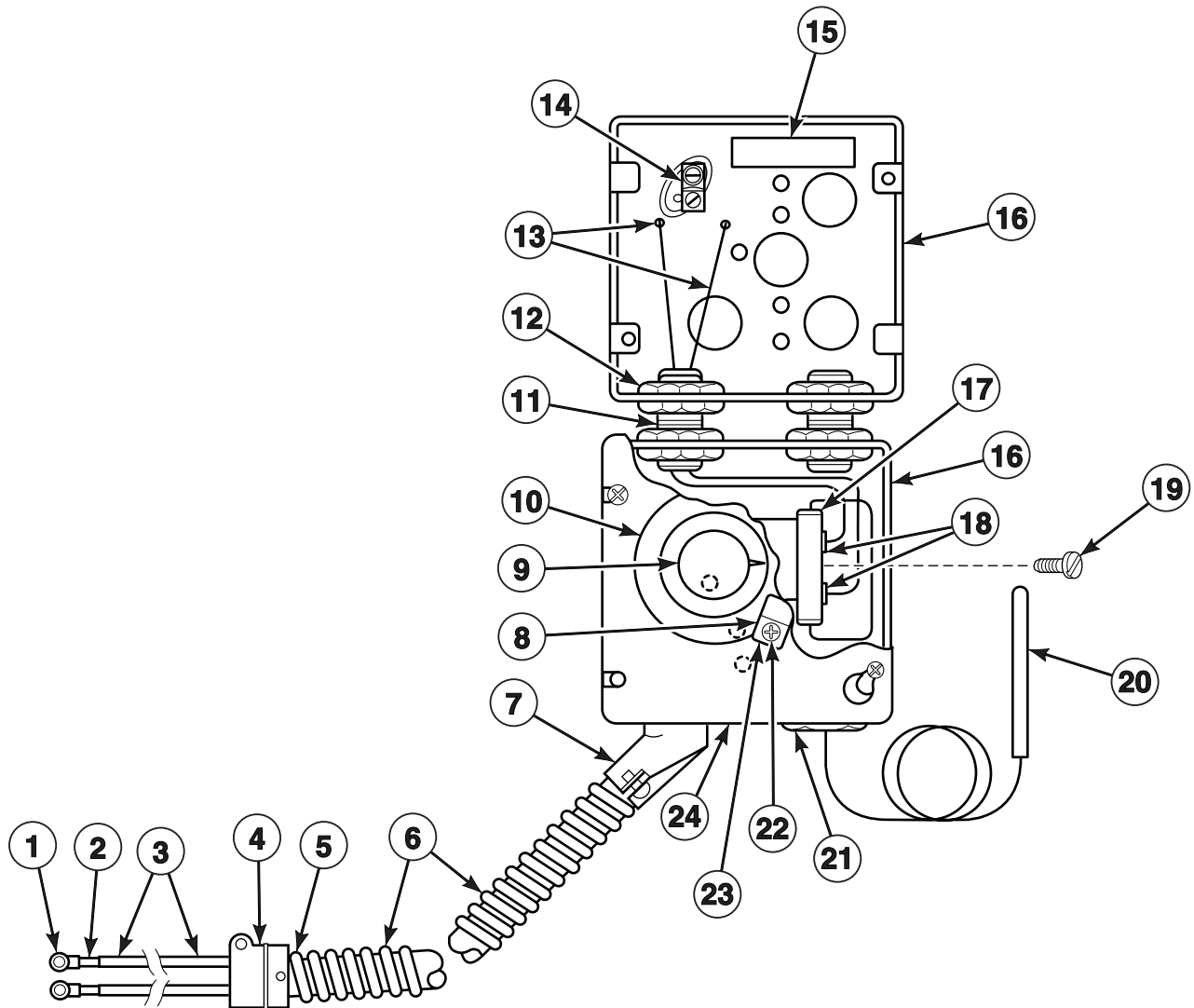


CAB1926P_AJ0054

Electrical Parts and Conduit

REF	PART NO.	DESCRIPTION	COMMENTS
	JC-72313	Cable Tie	25 required
	J1108497	Conduit	4.2 inches required
	J1232990	Bushing	2 required
	J1086115	Connector	
	J1131333	14 Gauge Wire	12.4 inches required; Black
	J200310900	Washer	2 required; Use on the junction box of the blower
1	JGD-145-16	2-Way Solenoid Valve	
2	20275	Nut	4 required
3	JC-80513	Washer	4 required
4	J1185073	Washer	4 required
5	J1556505	Thermostat Assembly	Refer to <i>Thermostat Assembly</i> section for parts breakdown
6	JA-53020	Screw	4 required
7	JC-22817	Connector	
8	J1550367	Blower	Sleeve; 208-230-460 Volt/60 Hertz/3 Phase
	J200105900	Sleeve Blower	CE; 50 Hertz
9	J1567775	Blower	200 Volt/50 Hertz/3 Phase
	J0220243-00	Blower	
	J1567767	Blower	575 Volt/60 Hertz/3 Phase
10	J1570308	Conduit	Control box to blower motor
11	J1570324	Conduit	Control box to steam valve
12	J1570316	Conduit	Control box to sleeve blower
13	J1570290	Conduit	Control box to thermostat

Thermostat Assembly

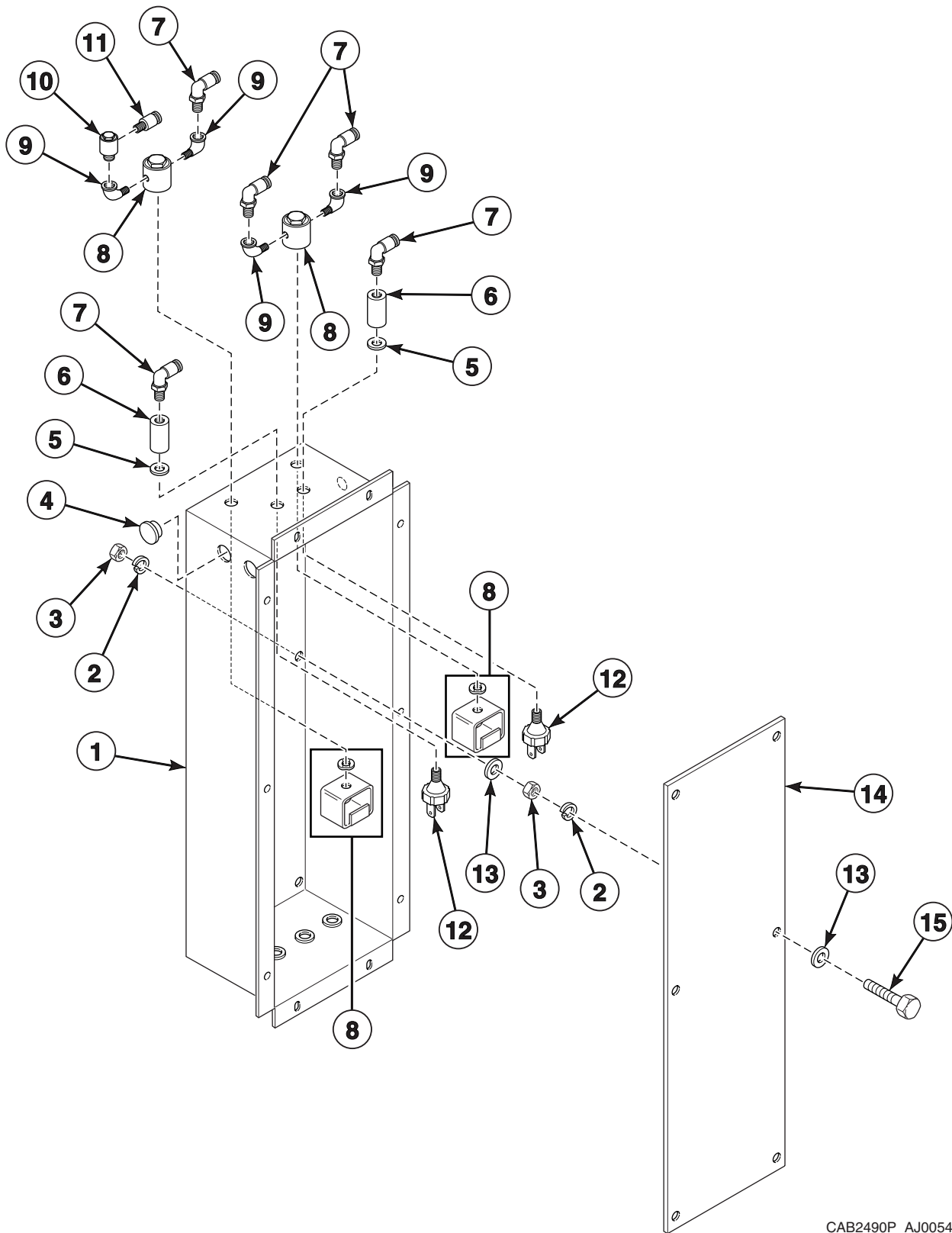


CAB1927P_AJ0054

Thermostat Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1556505	Thermostat Assembly	Includes items 1-24
1	J1285147	Terminal Ring	2 required
2	JR-90132	Wire	3.38 feet required; 12 gauge
3	JM-99961	Sleeving	3.38 feet required; Fiberglass
4	J1086115	Connector	
5	J1232990	Bushing	2 required
6	J1108497	Conduit	1 foot required
7	JC-22817	Connector	
8	J1244623	Tubing Clamp	
9	JA-56916	Knob	Plastic
10	JA-86858	Decal and Plate Assembly	
11	JC-46347	Nipple	2 required
12	J1210988	Nut	8 required
13	JM-99150	14 Gauge Wire	2 feet required
14	J1189125	Terminal Lug	
15	J10-607	Ground Wire Label	
16	JC-18268	Electrical Outlet Box	2 required
17	JT-168-4	Wire Terminal	2 required
18	J1190370	Terminal Ring	2 required
19	J1233659	Screw	2 required
20	JA-54183	Thermostat	150-400 degrees F
21	J1066919	Snap-In Bushing	
22	J1199389	Screw	
23	J1085984	Washer	
24	JA-24123	Thermostat Mounting Plate	

Control Enclosure

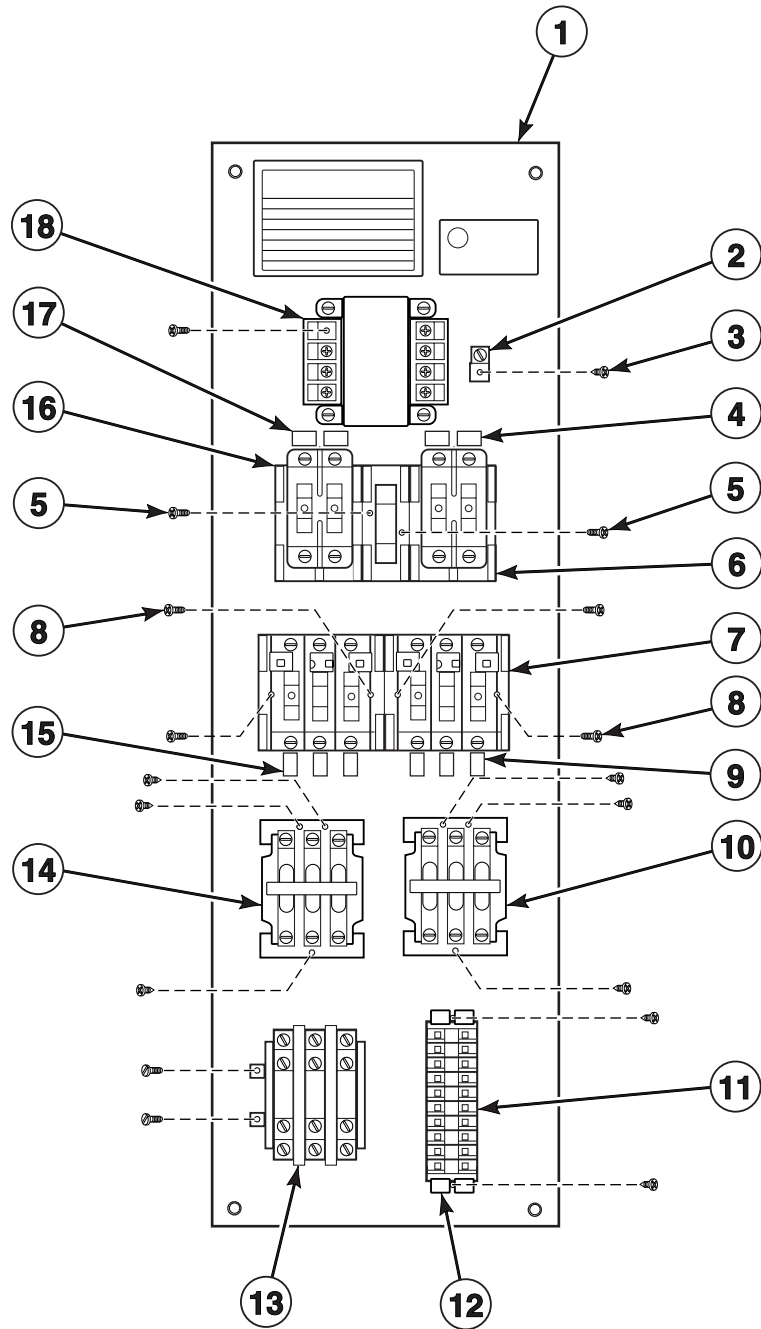


CAB2490P_AJ0054

Control Enclosure

REF	PART NO.	DESCRIPTION	COMMENTS
	J1547181	Control Box Insulation	
1	J1547199	Control Enclosure Weldment	
2	J1185073	Washer	12 required
3	20275	Nut	12 required
4	J1427103	Vent Plug	8 required
5	J1001304	Washer	2 required
6	J1018571	Pipe Coupling	2 required
7	J1398288	Male Tubing Elbow	5 required
8	J1362854	3-Way Solenoid Valve	2 required; NC
9	JC-28235	Street Pipe Elbow	4 required
10	J1455781	Swivel Flow Control Valve	
11	J1408004	Connector	
12	J1364181	Pressure Switch	2 required
13	JC-80513	Washer	12 required
14	J1547132	Control Panel	
15	JA-52426	Screw	6 required

Control Panel Assembly

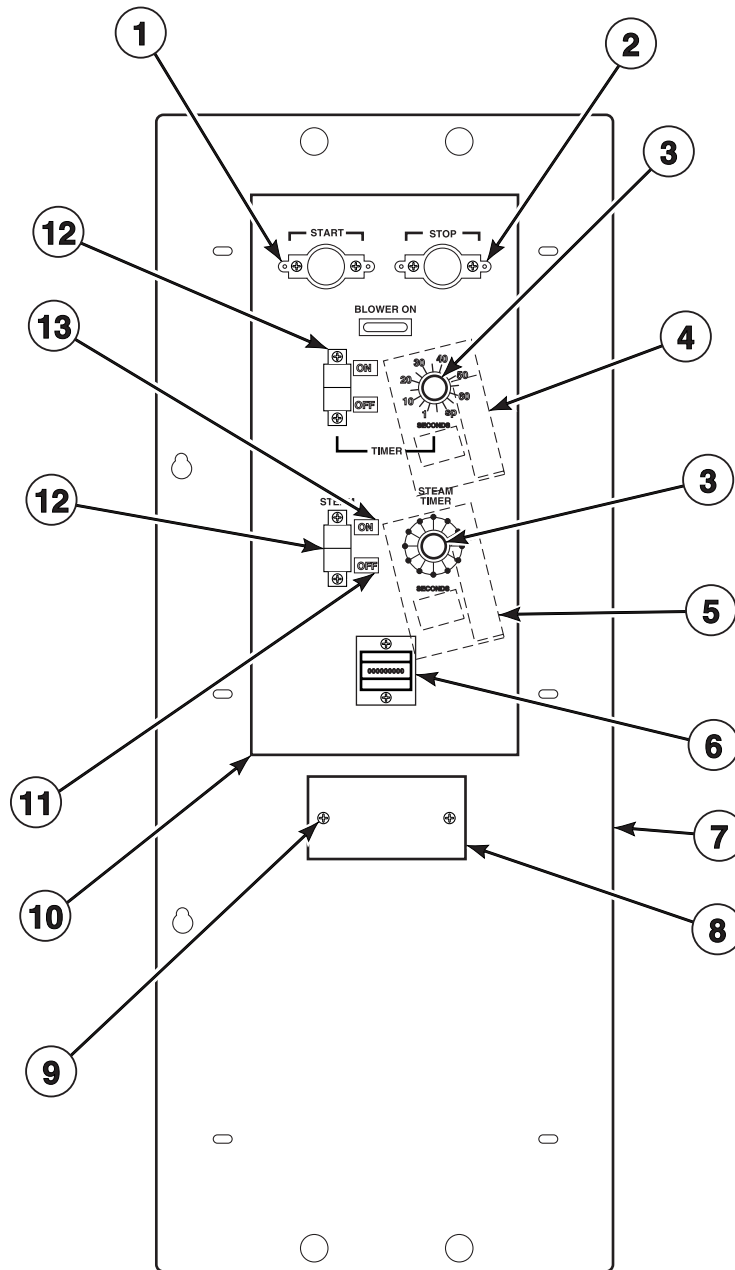


CAB2419P_AJ0054

Control Panel Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1547132	Control Panel	
2	J1376987	Ground Lug Terminal	
3	JC-64014	Screw	9 required
4	J200056700	Fuse Label	2 required; 600 Volt
	J200056800	Fuse Label	2 required; 200-240 Volt
5	J1323153	Screw	16 required
6	J1235142	Fuse Block	2 required; Below 250 Volt
	J1401884	Fuse Holder	2 required; Above 250 Volt
7	J1234616	Fuse Block	2 required; Below 250 Volt
	J1460955	Fuse Holder	2 required; Above 250 Volt
8	J1378603	Screw	10 required
9	J200095700	Fuse Label	3 required; 380-415 Volt
	J200096200	Fuse Label	3 required; 250 Volt
10	JC-25008	Auxiliary Contact	Normally open
11	J1081793	Terminal Block	9 required
12	J1085943	End Terminal Block	
13	JT-126-39	Overload Relay	30 Amp
14	JC-57855	Contactor	2 required; 30 Amp
15	J200096100	Fuse Label	3 required
16	J1081710	Fuse Block	
17	J200095800	Fuse Label	2 required; 380-415 Volt
	J200095900	Fuse Label	2 required; 250 Volt
18	J1475938	Transformer	208-230-460 Volt/50 or 60 Hertz/3 Phase
	J1142090	Transformer	380-415 Volt
	J1475946	Transformer	575 Volt
	JC-72982	Transformer	460 Volt

Operating Control Cover Assembly



CAB2414P_AJ0054

Operating Control Cover Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1547165	Operating Control Cover Assembly	Includes items 1-13
	J1216357	Washer	2 required; Used with item 6
	02788	Nut	2 required; Used with item 6
	J1233162	Screw	2 required; Used with item 6
1	M400954	Push-to-Start Switch	Black
2	J200204600	Pushbutton Switch	Red
3	JE-66023	Knob	2 required
4	J1478601	Flush Mount Timer Assembly	75 seconds; Models through October 2003
	J200043100	Common Timer PCB	75 seconds; Models starting October 2003
5	J200050400	Common Timer Circuit Board Kit	11 seconds; Models through October 2003
	J200043100	Common Timer PCB	11 seconds; Models starting October 2003
6	J1530765	Counter	
7	J1547157	Control Box Cover	
8	J200139600	Lockout/Tagout Warning Decal	
9	JC-51521	Blind Rivet	2 required
10	J1547140	Combo Press Control Nameplate	
11	J200022400	Off Icon Decal	
12	J1236306	Rocker Switch	2 required
13	J200022300	On Icon Decal	

Fuse Chart

PART NO.	DESCRIPTION	COMMENTS
JV-198-39	Overload Relay Coil	208 Volt/60 Hertz/3 Phase
JV-198-38	Overload Relay Coil	230 Volt/60 Hertz/3 Phase
JV-198-27	Overload Relay Coil	460 Volt/60 Hertz/3 Phase
JV-198-24	Overload Relay Coil	575 Volt/60 Hertz/3 Phase
N/A	Overload Relay Coil	200-220-380-415 Volt/50 Hertz/3 Phase
JC-31603	Fuse	Sleeve blower; 208 Volt/60 Hertz/3 Phase
JC-31602	Fuse	Sleeve blower; 230 Volt/60 Hertz/3 Phase
J1408780	Fuse	Sleeve blower; 460 Volt/60 Hertz/3 Phase
J1401892	Fuse	Sleeve blower; 575 Volt/60 Hertz/3 Phase
N/A	Fuse	Sleeve blower; 200-220-380-415 Volt/50 Hertz/3 Phase
JC-31681	Fuse	Buck blower; 208-230 Volt/60 Hertz/3 Phase
J1567783	Fuse	Buck blower; 460-575 Volt/60 Hertz/3 Phase
J1235050	Fuse	Buck blower; 200-220 Volt/50 Hertz/3 Phase
J1460948	Fuse	Buck blower; 380 Volt/50 Hertz/3 Phase
J1524941	Fuse	Buck blower; 415 Volt/50 Hertz/3 Phase
JC-31691	Fuse	XFMR primary; 208-230 Volt/60 Hertz/3 Phase, 200-220 Volt/50 Hertz/3 Phase
J1477496	Fuse	XFMR primary; 460 Volt/60 Hertz/3 Phase, 380-415 Volt/50 Hertz/3 Phase
J1545417	Fuse	XFMR primary; 575 Volt/60 Hertz/3 Phase
J1234665	Fuse	Air heater; 208-230 Volt/60 Hertz/3 Phase, 200-220 Volt/50 Hertz/3 Phase
J1408780	Fuse	Air heater; 460-575 Volt/60 Hertz/3 Phase
J1422930	Fuse	Air heater; 380-415 Volt/50 Hertz/3 Phase

N/A = Part no longer available

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