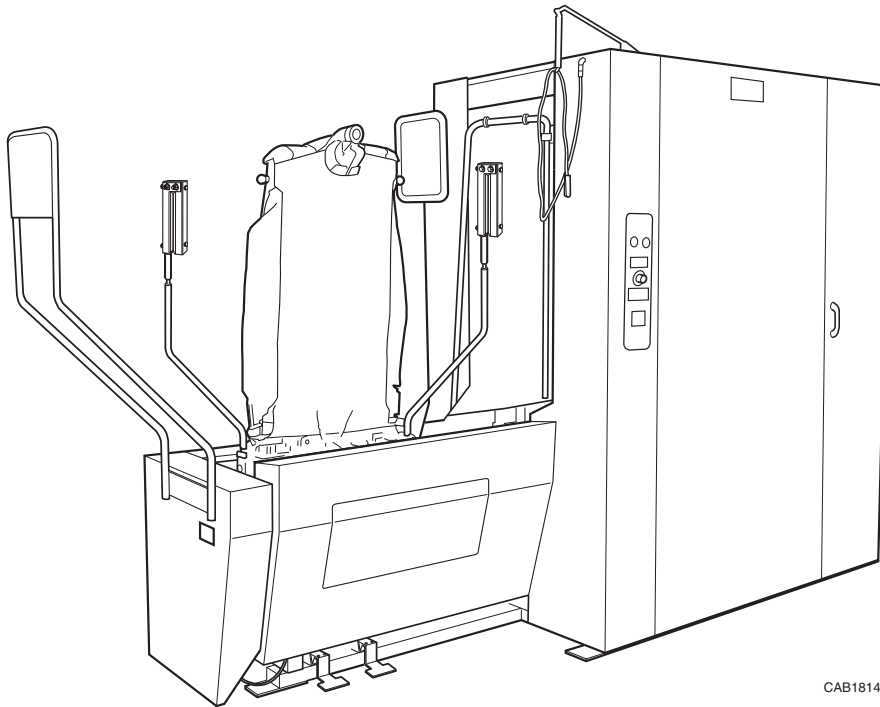


Empress

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

CURBV (CSBBYMV)



CAB1814C



An LSG Company
831 South First Street, P.O. Box 32270
Louisville, KY 40232-2270
Phone: (502) 587-1292
Sales Fax: (502) 585-3625
Service/Parts Fax: (502) 681-1275

www.cissellmfg.com

Part No. AJ0499
July 2004

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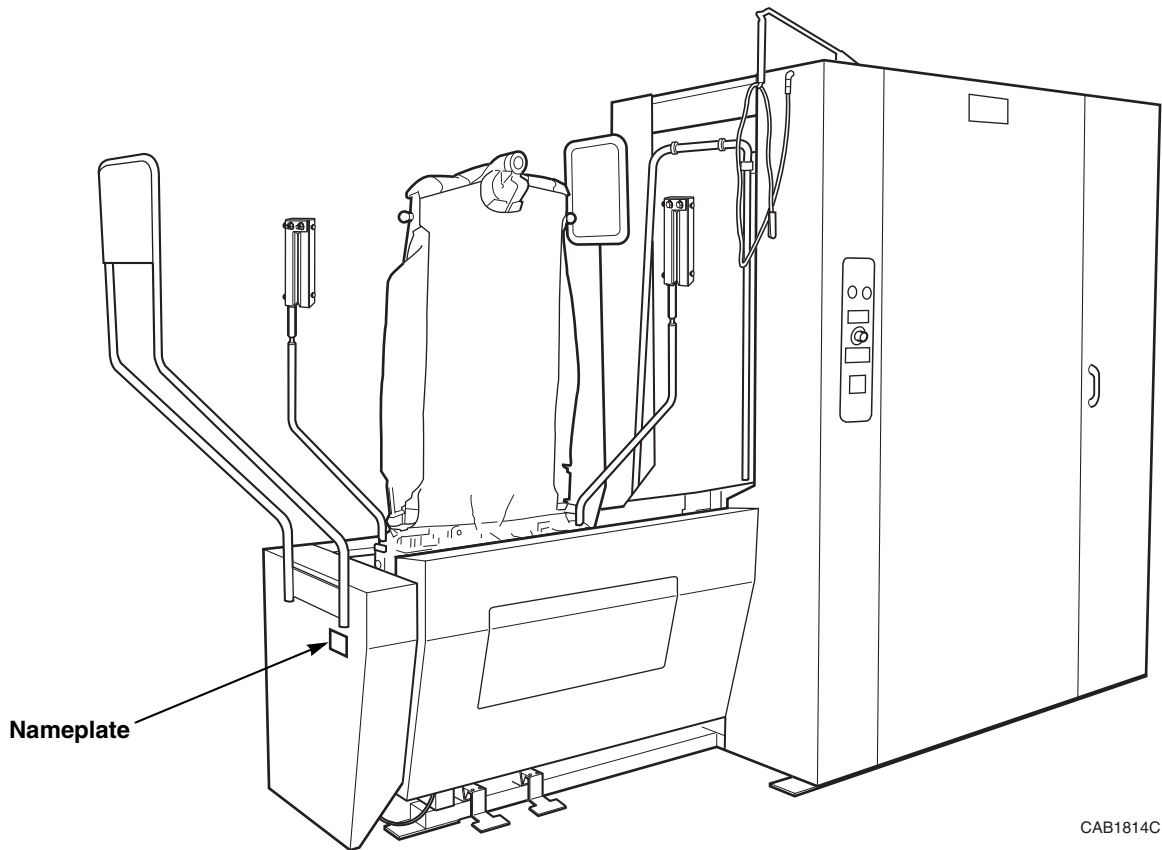
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Parts Ordering Information

If literature or replacement parts are required, contact the source from whom the machine was purchased or contact Cissell at (502) 587-1292 for the name and address of the nearest authorized parts distributor.

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.



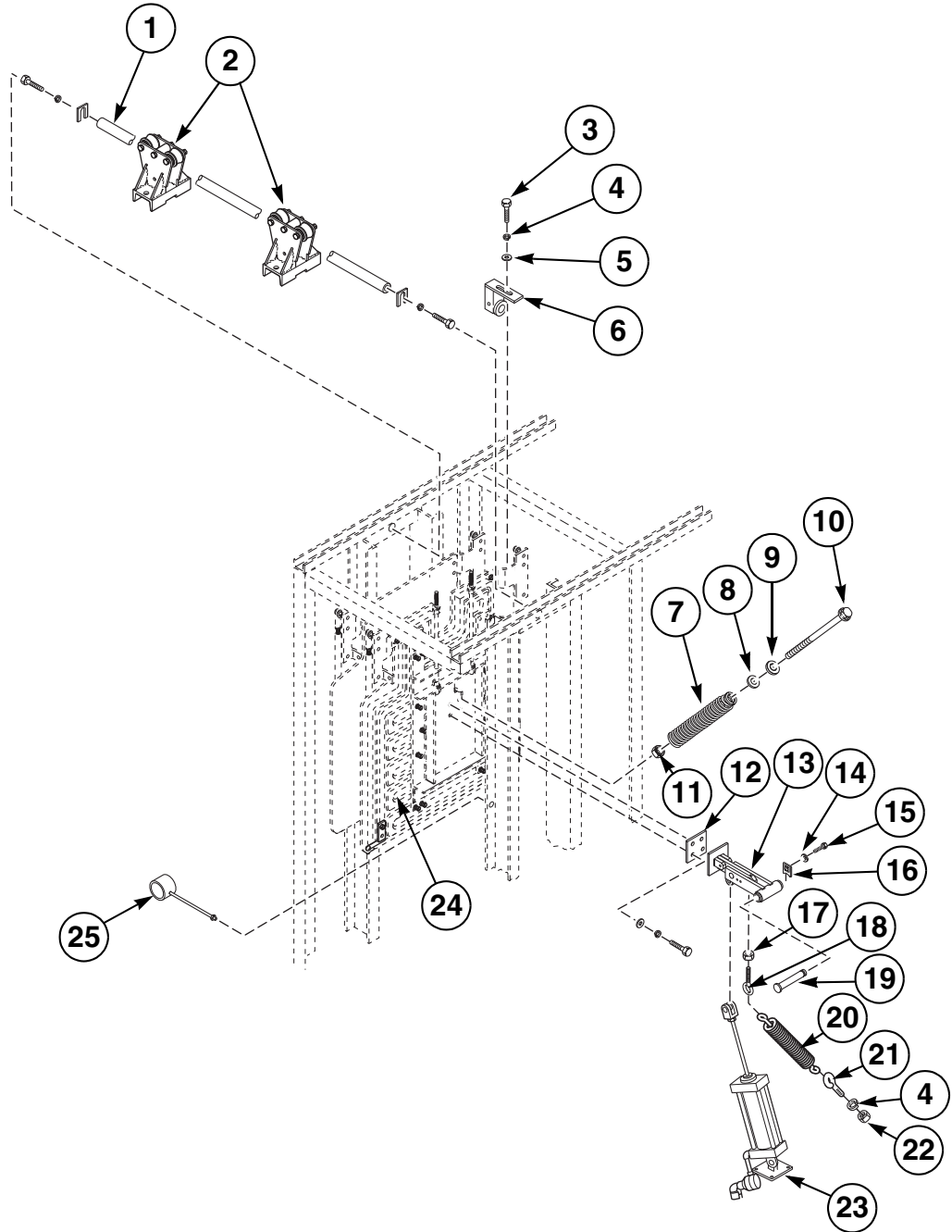
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Model Identification

Information in this manual is applicable to this model:

CURBV (CSBBYMV)

Head Closing Mechanism Assembly (Drawing 1 of 2)

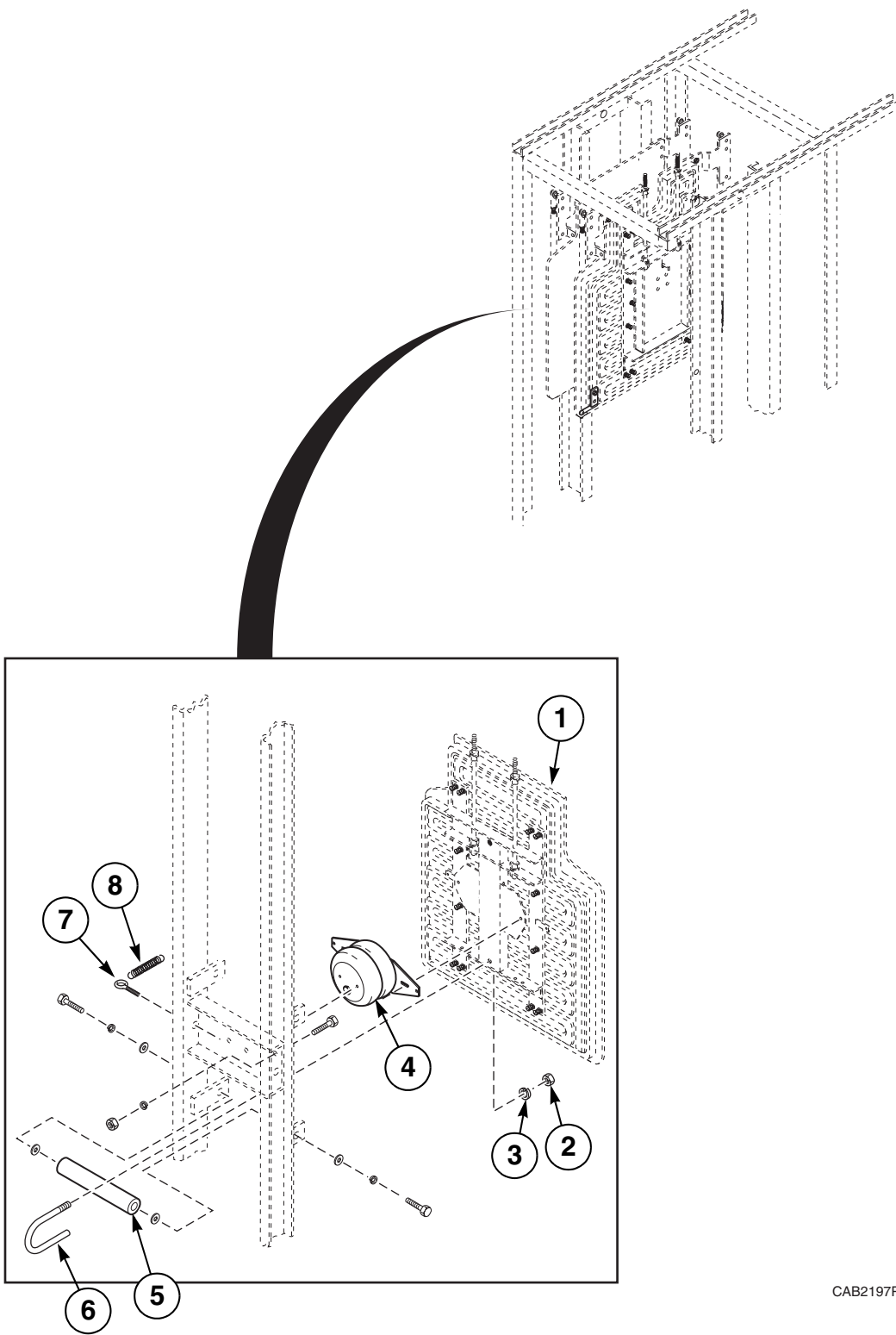


CAB2132P

Head Closing Mechanism Assembly (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	M400014	Washer	10 required
	J1238518	Screw	4 required
	JC-80513	Washer	4 required
	JA-51527	Gasket	Rubber
	J1594647	Plate	Head rail spacer
	JC-63204	Screw	2 required
	JC-43257	Washer	2 required
	J1122118	Screw	6 required
	J1545185	Washer	4 required
	JA-56790	Bumper	2 required
	J1545144	Hook	Head Stop
1	J1550789	Head Rail Weldment	
2	J1405786	Roller Bracket Assembly	2 required; Refer to <i>Roller Bracket Assembly</i> section for parts breakdown
3	M400057	Screw	2 required
4	M400013	Washer	3 required
5	J1001270	Washer	2 required
6	J1544758	Snorkel Tube Assembly	Refer to <i>Snorkel Tube Assembly</i> section for parts breakdown
7	JA-08705	Spring Assembly	Head retracting
8	J1001304	Washer	7 required
9	J1178391	Washer	
10	JA-10158	Screw	
11	20274	Nut	11 required
12	J1437821	Shim	2 required
13	J1544873	Toggle Assembly	Refer to <i>Toggle Assembly</i> section for parts breakdown
14	J1185073	Washer	5 required
15	JA-53020	Screw	
16	J1438209	Retainer Clip	
17	20275	Nut	
18	J1442730	Bolt	Altered eye
19	J1594662	Toggle Pin	
20	J1474774	Spring	Extension
21	J1447846	Bolt	Eye
22	70142	Nut	2 required
23	J1559202	Front Head Closing Cylinder Assembly	Refer to <i>Front Head Closing Cylinder Assembly</i> section for parts breakdown
24	J1550771	Front Head Assembly	Refer to <i>Front Head Assembly</i> section for parts breakdown
25	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)

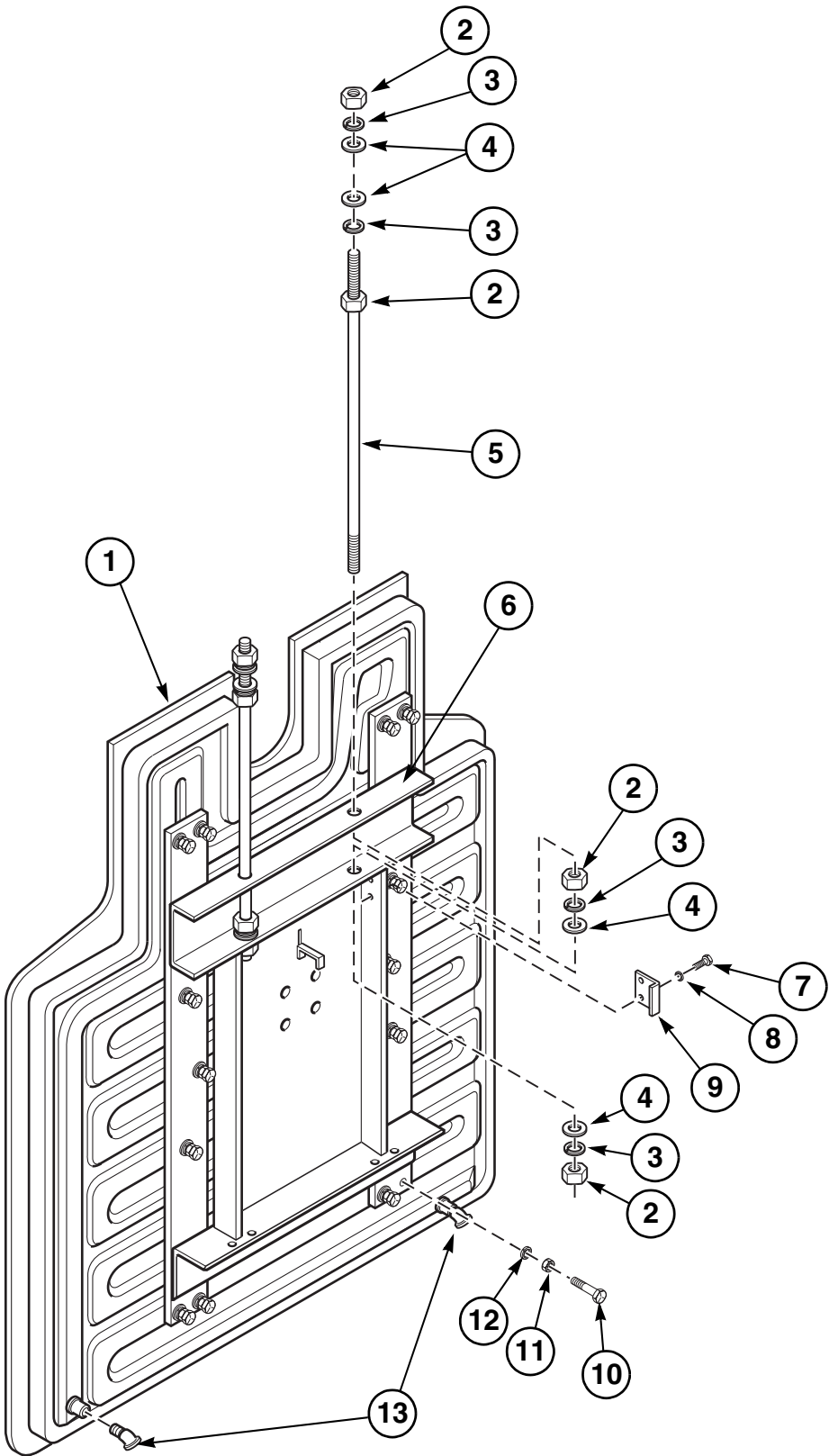


CAB2197P

Head Closing Mechanism Assembly (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1550763	Rear Head Assembly	Refer to <i>Rear Head 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	J1545169	Rod	2 required; Head stop
6	J1594696	Hook	2 required; Head stop
7	JC-18058	Bolt	2 required; Eye
8	J1055029	Spring	2 required; Extension

Front Head Assembly

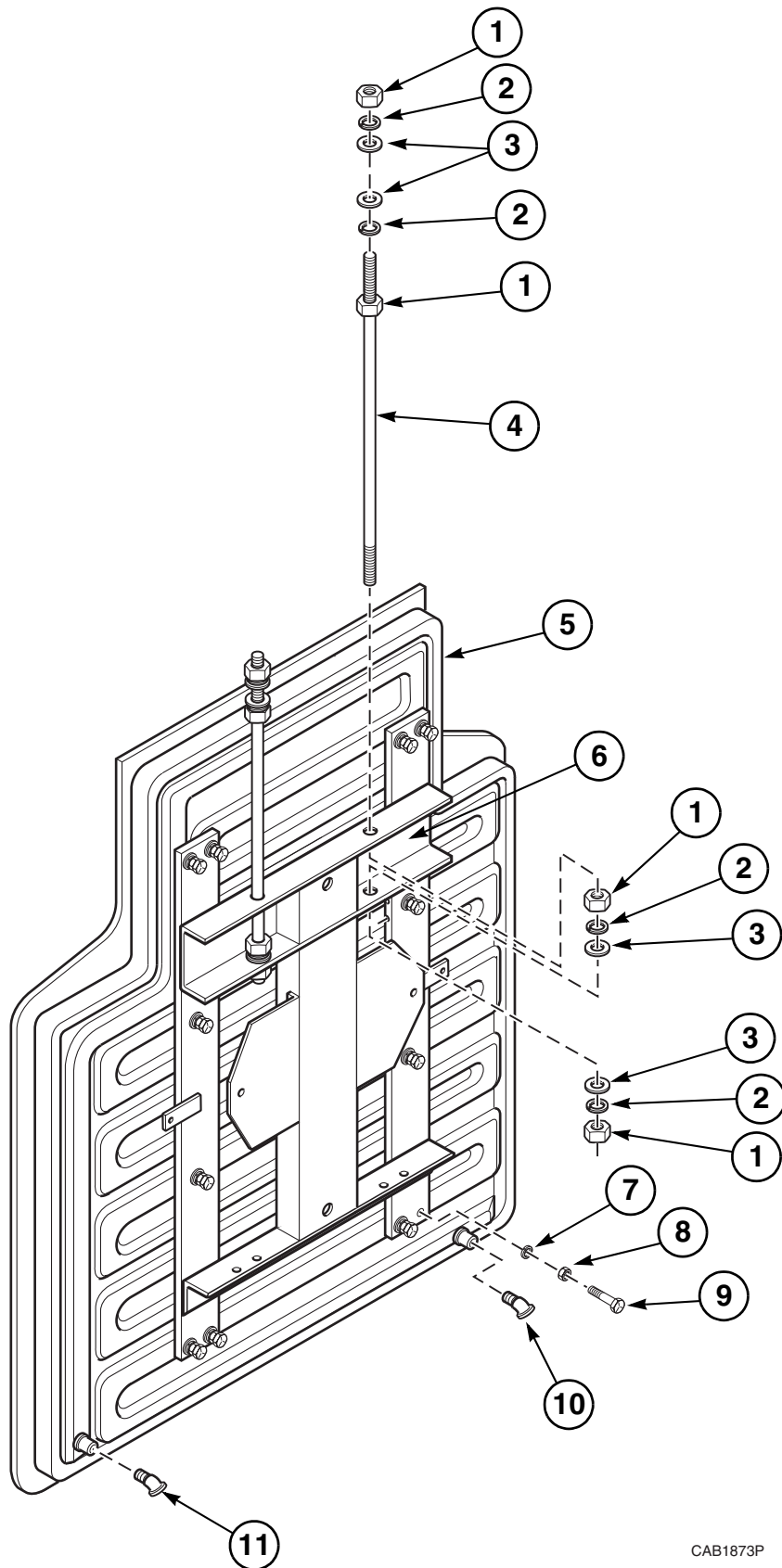


CAB1872P

Front Head Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1550771	Front Head Assembly	Includes items 1-13
1	J1548577	Front Head Weldment	
2	F430246	Nut	8 required
3	JA-53116	Washer	8 required
4	JC-80565	Washer	8 required
5	J1550755	Rod	2 required; Head mounting
6	J1545052	Frame Weldment	Front head
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	Elbow	

Rear Head Assembly

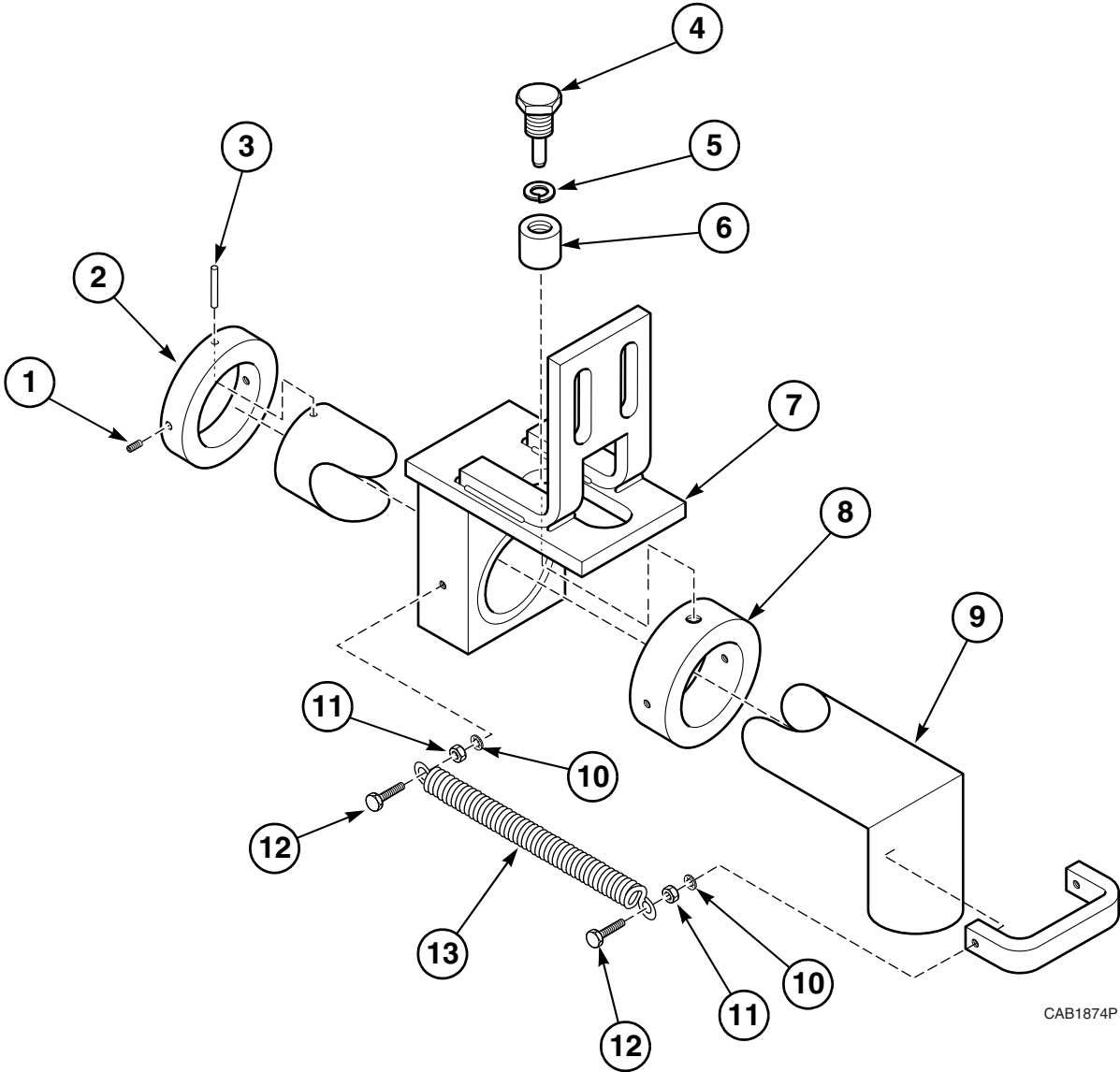


CAB1873P

Rear Head Assembly

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

Snorkel Tube Assembly

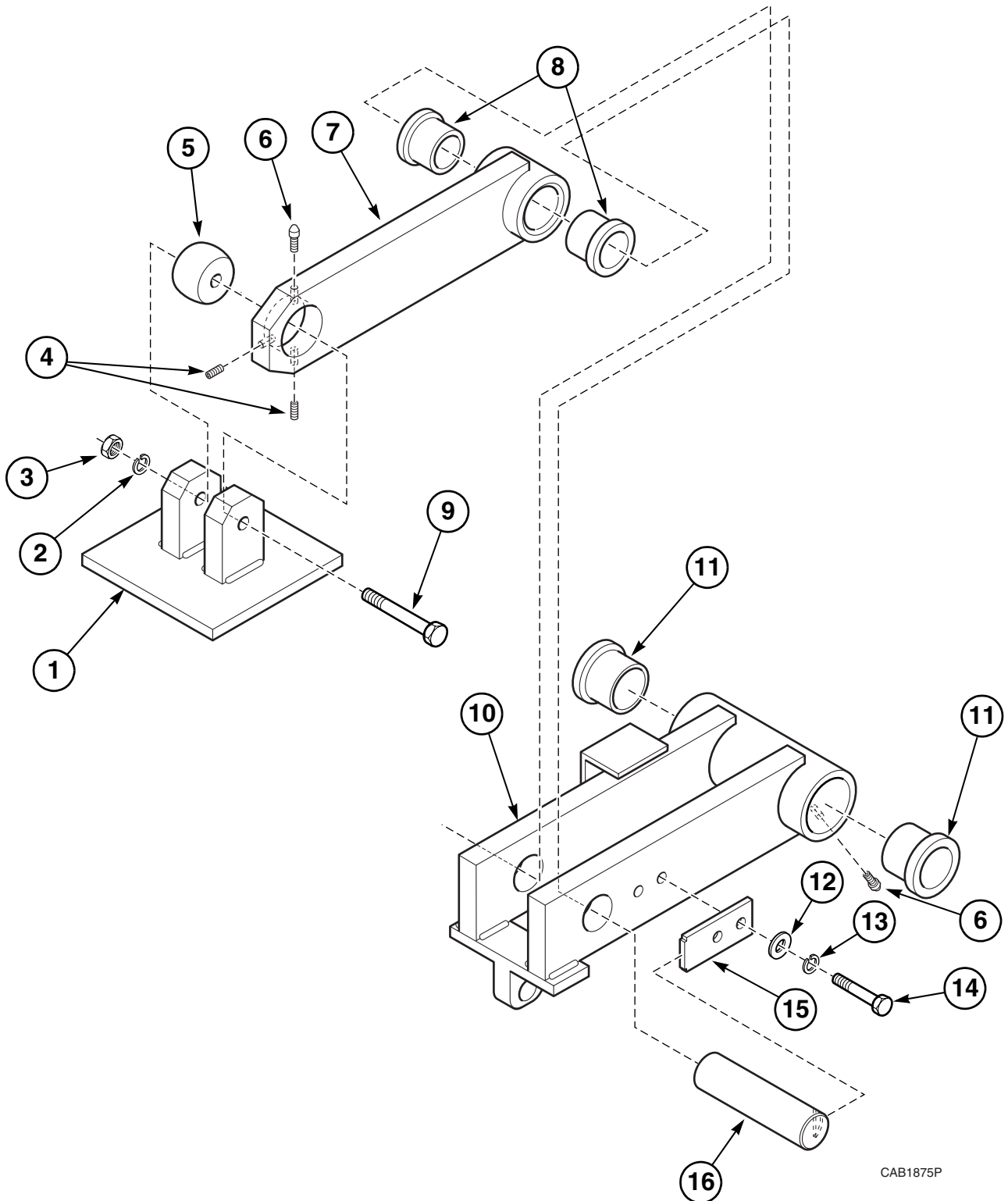


CAB1874P

Snorkel Tube Assembly

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

Toggle Assembly

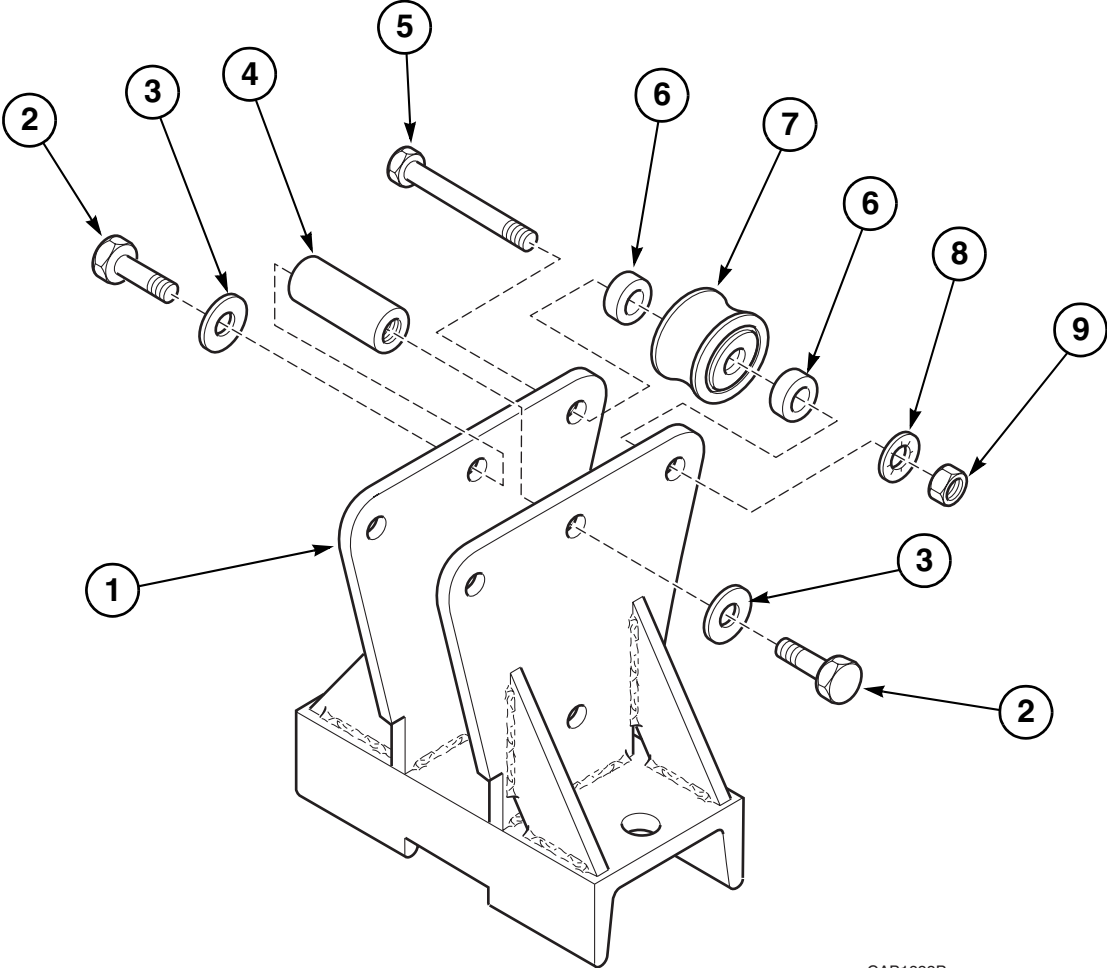


CAB1875P

Toggle Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1544873	Toggle Assembly	Includes items 1-16
1	J1438001	Bracket	Head pivot weldment
2	91200	Washer	
3	J1000850	Nut	4 required
4	JC-63342	Screw	2 required
5	JA-55082	Bearing	
6	JC-30809	Grease Fitting	2 required
7	J1544899	Toggle Arm Weldment	
8	J1262880	Bearing	2 required
9	JA-50197	Screw	
10	J1544881	Toggle Arm Weldment	
11	J1415553	Bearing	2 required
12	JC-80513	Washer	2 required
13	J1185073	Washer	2 required
14	J1001726	Screw	2 required
15	J1544915	Pivot Tab	
16	J1544907	Pivot Toggle Pin	

Roller Bracket Assembly

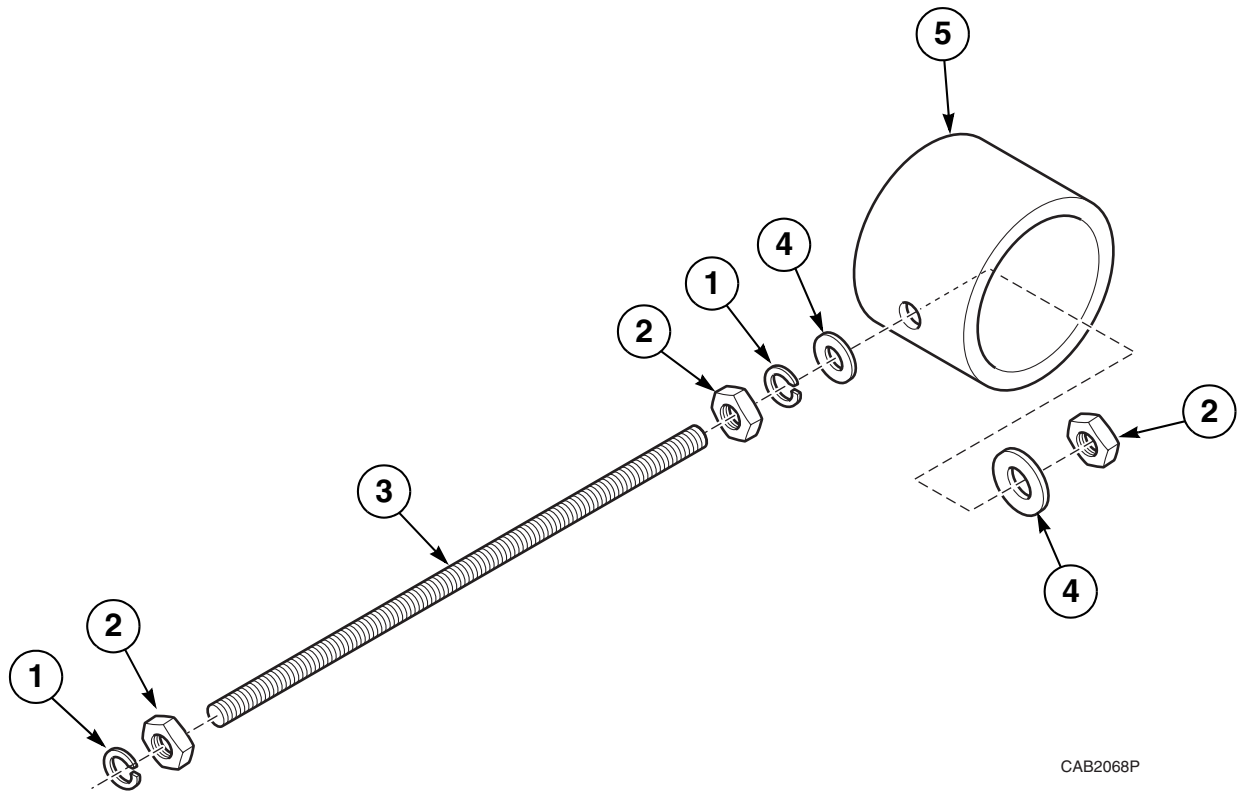


CAB1833P

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	Spacer	Large
5	J1377696	Pin	3 required
6	J1377688	Spacer	6 required; Small
7	JA-06318	Roller	3 required
8	M400014	Washer	3 required
9	20274	Nut	3 required

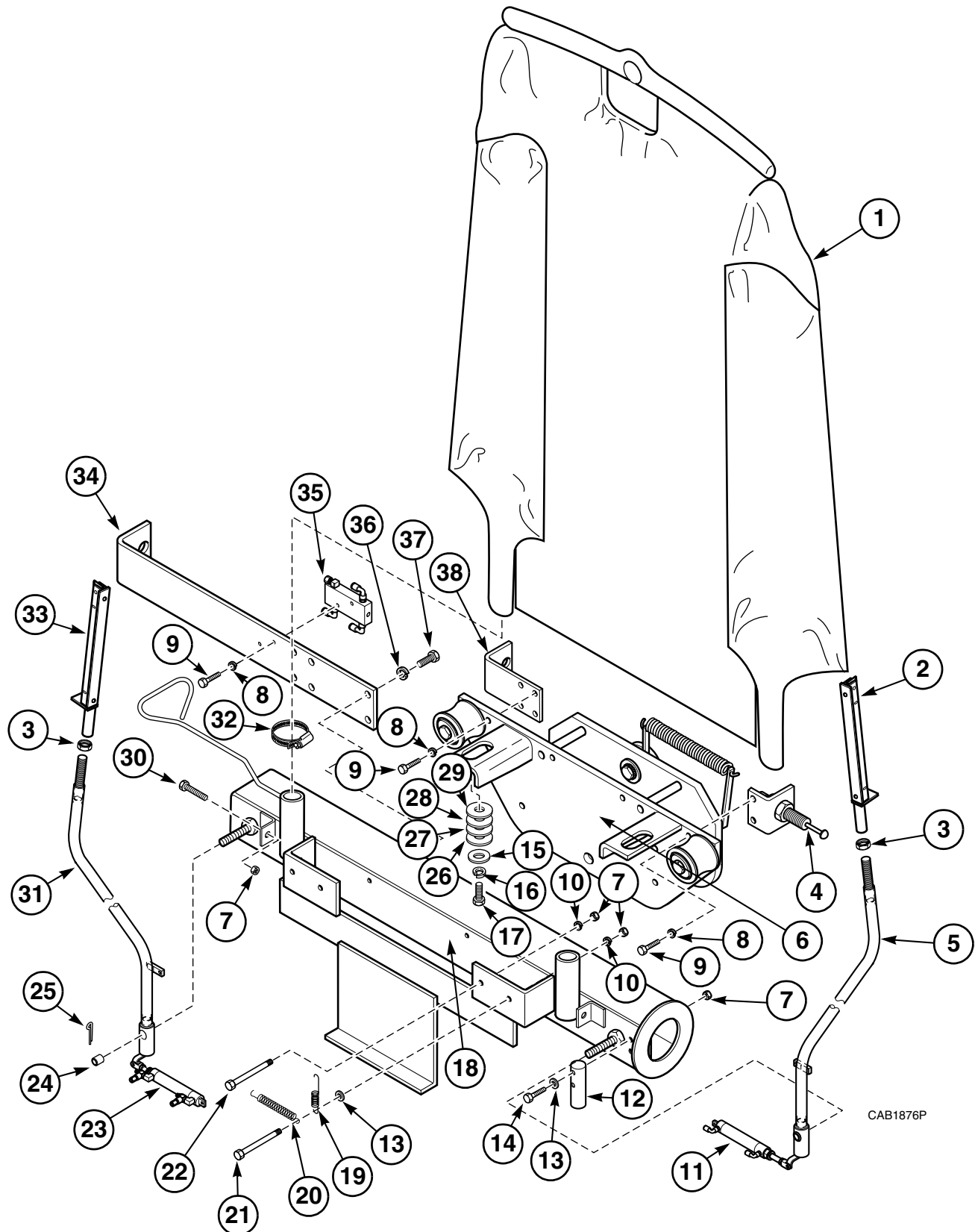
Head Bumper Assembly



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

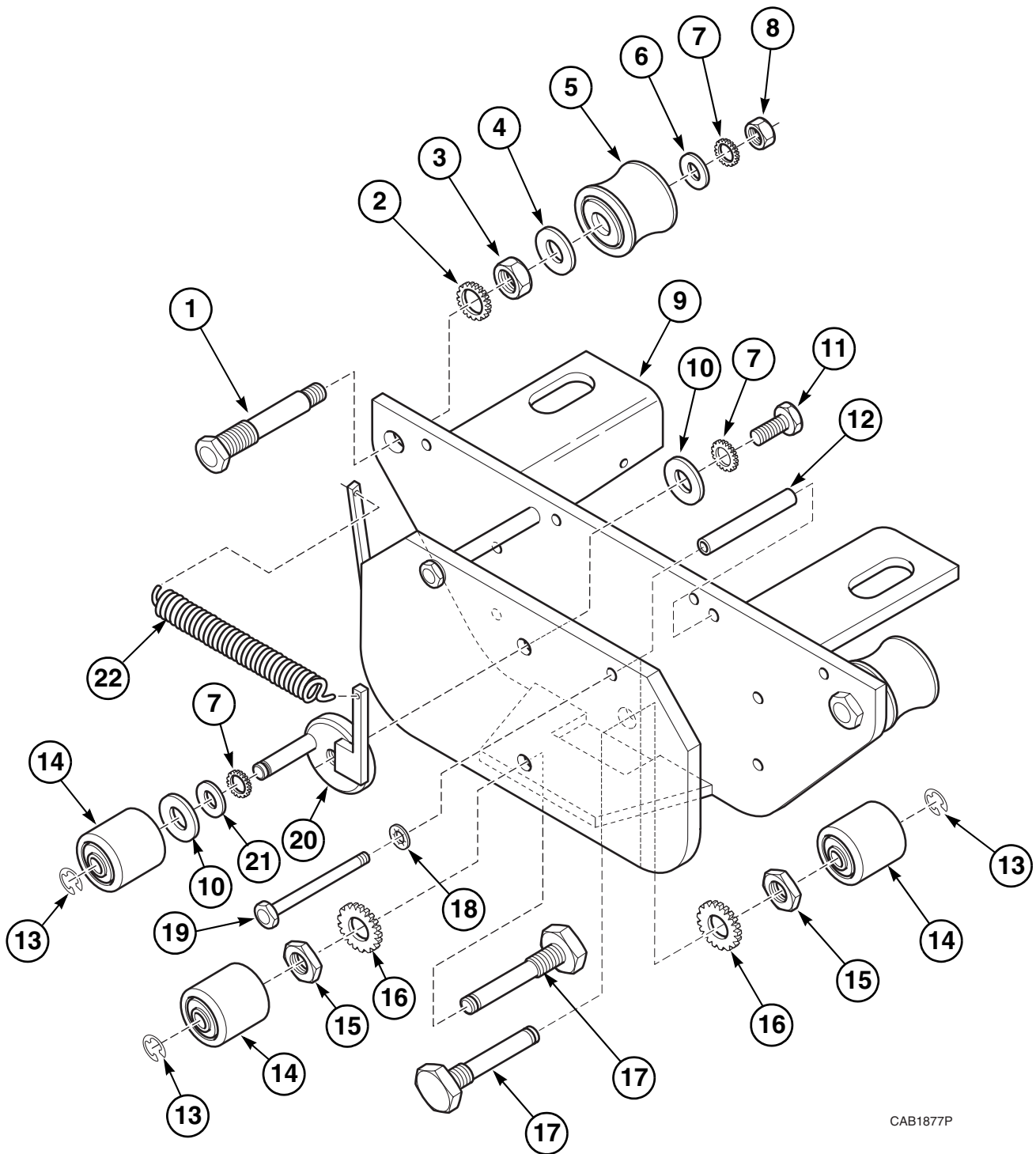


CAB1876P

Receiving Tube/Carriage/Buck/Arms Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1569334	Spacer	2 required; Buck plate
1	J1564236	Buck and Covers Assembly	Refer to <i>Buck, Covers and Padding</i> section for parts breakdown
2	J1553817	Sleeve Holder Assembly	Upper right; Refer to <i>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	Sleeve Expander Assembly	Lower right; Refer to <i>Sleeve Expander 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	Sleeve Expander Cylinder Assembly	Right; Refer to <i>Sleeve Expander 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	Spring	2 required; Extension
20	J1474774	Spring	2 required; Extension
21	J1561315	Screw	2 required
22	J1557461	Screw	2 required
23	J1557511	Sleeve Expander Cylinder Assembly	Left; Refer to <i>Sleeve Expander Cylinder Assembly</i> section for parts breakdown
24	J1413962	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	Sleeve Expander Assembly	Lower left; Refer to <i>Sleeve Expander Assembly</i> section for parts breakdown
32	J1153865	Hose Clamp	2 required
33	J1560804	Sleeve Holder Assembly	Upper left; Refer to <i>Sleeve Holder Assembly</i> section for parts breakdown
34	J1615038	Cylinder Mounting Bracket	Rear
35	J1557545	Air Manifold Assembly	Receiving tube
36	J1000975	Washer	2 required
37	JC-61273	Screw	2 required
38	J1518083	Carriage Bracket	

Carriage Sub-Assembly

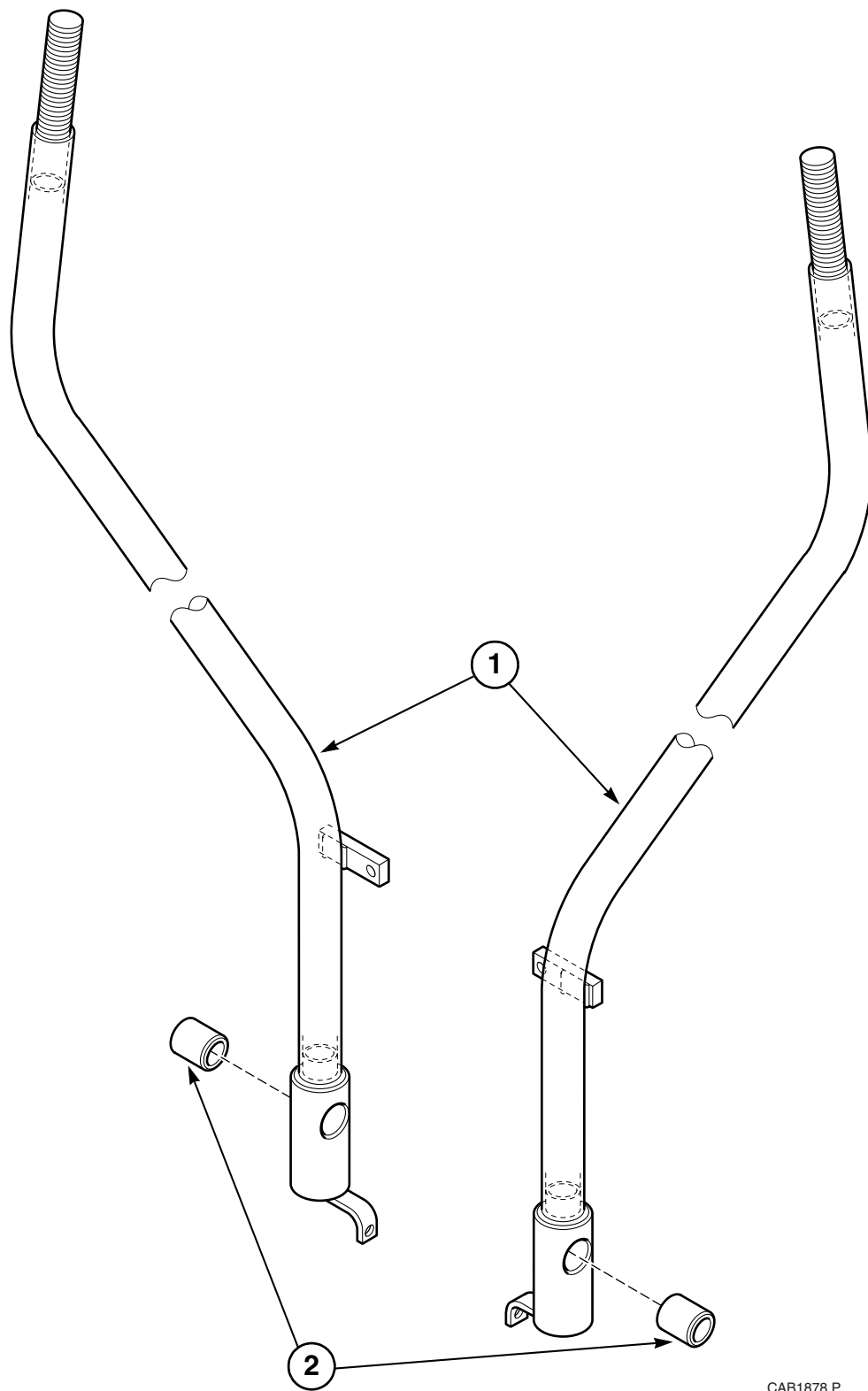


CAB1877P

Carriage Sub-Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1550821	Carriage Sub-Assembly	Includes items 1-22
1	J1435791	Shaft	2 required; Roller lock-type
2	JA-53985	Washer	2 required
3	M400022	Nut	4 required
4	J1618990	Washer	2 required
5	JA-06318	Roller	2 required; Concave
6	J1001304	Washer	2 required
7	JA-50616	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	Shaft	2 required; Roller adjusting
18	M400013	Washer	2 required
19	JA-55433	Screw	2 required
20	J1435833	Tensioner Weldment	
21	J1371749	Washer	
22	JA-51318	Spring	Extension

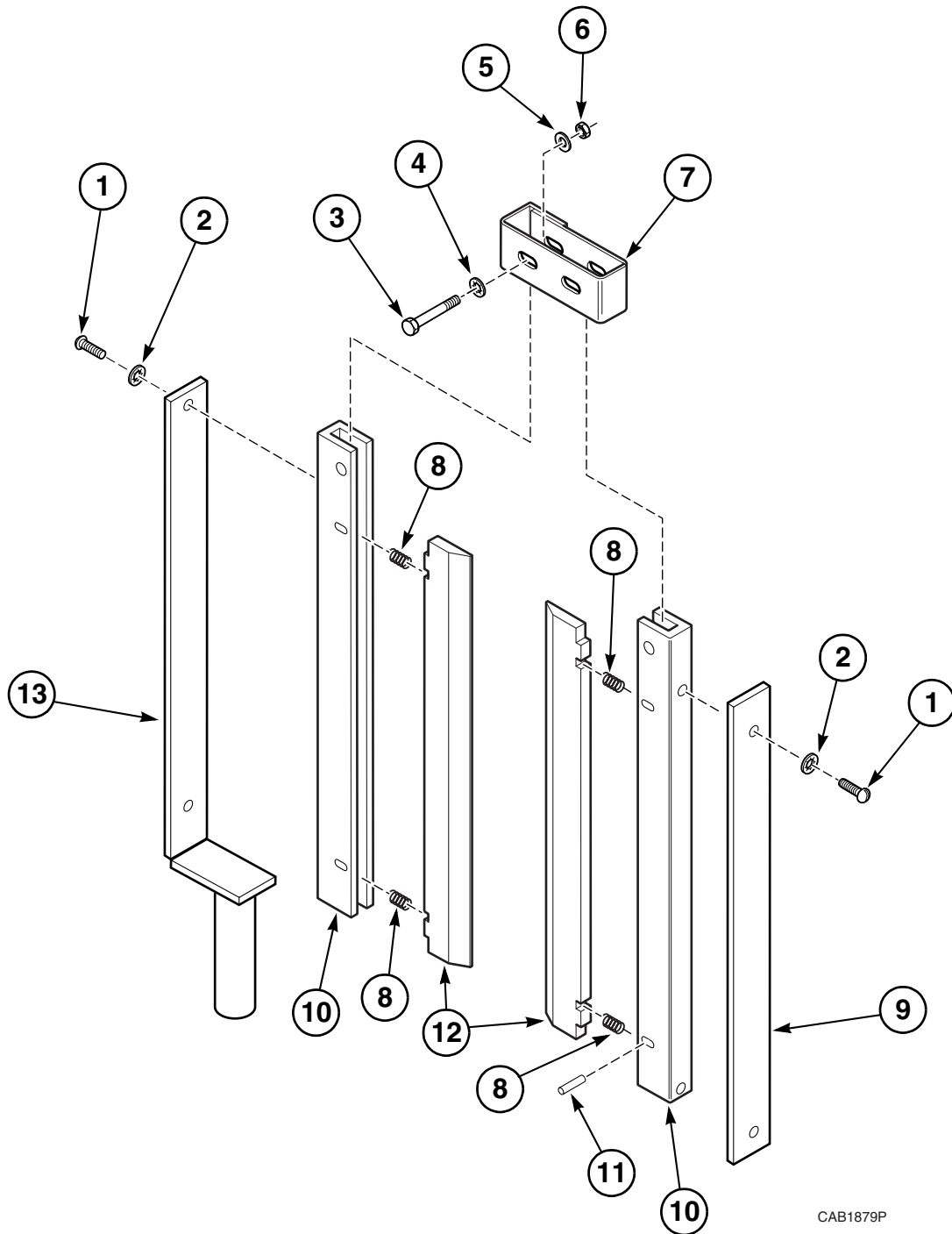
Sleeve Expander Assembly – Lower Right and Left



Sleeve Expander Assembly – Lower Right and Left

REF	PART NO.	DESCRIPTION	COMMENTS
	J1555648	Sleeve Expander Assembly	Lower right; Includes items 1 and 2
	J1555622	Sleeve Expander Assembly	Lower left; Includes items 1 and 2
1	J1555259	Sleeve Expander	Lower right
	J1555226	Sleeve Expander	Lower left
2	J1258987	Bearing	2 required for each assembly

Sleeve Holder Assembly – Upper Right and Left

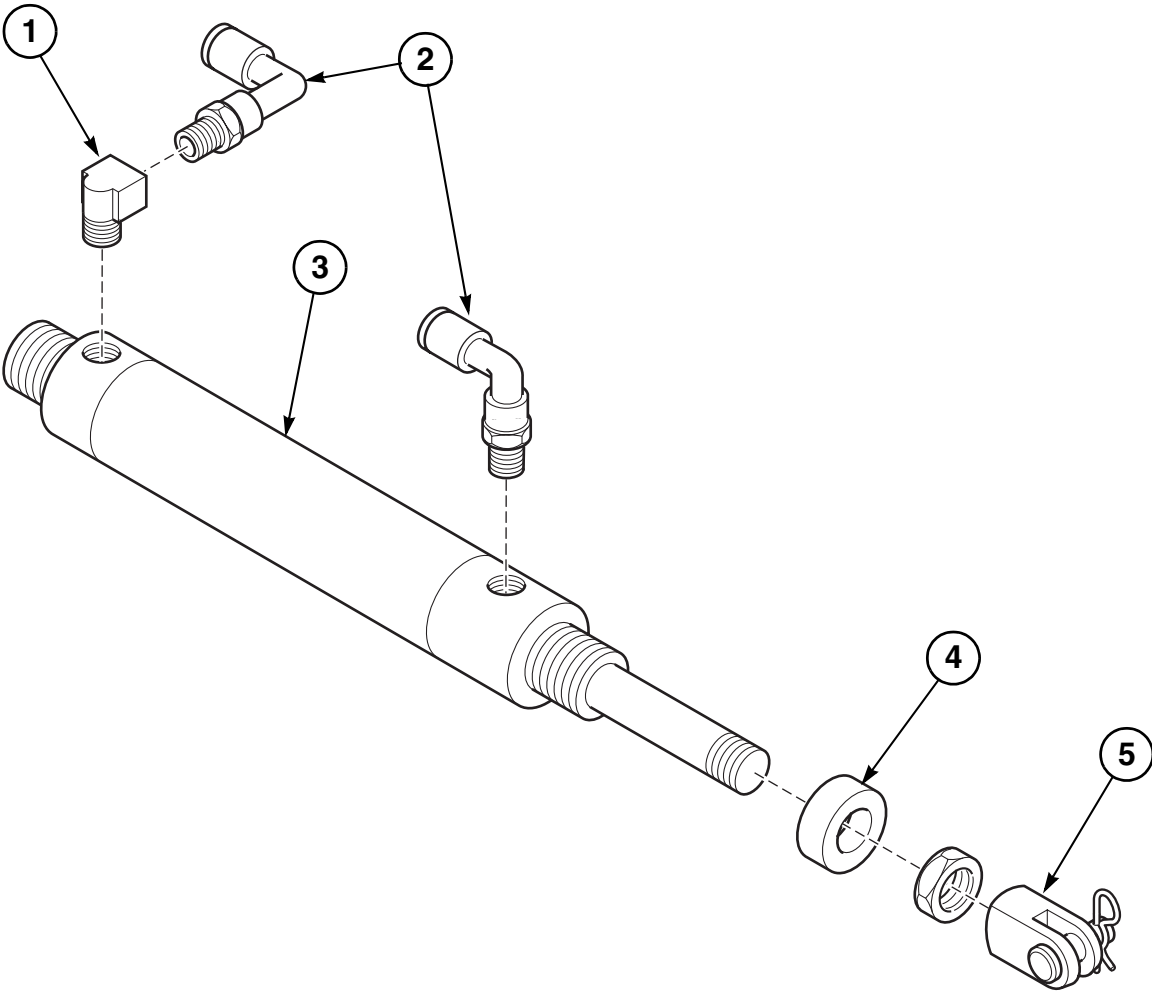


CAB1879P

Sleeve Holder Assembly – Upper Right and Left

REF	PART NO.	DESCRIPTION	COMMENTS
	J1553817	Sleeve Holder Assembly	Upper right; Includes items 1-13
	J1560804	Sleeve Holder Assembly	Upper left; 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	Plate	Spacer
8	J1562776	Spring	4 required; Compression
9	J1555283	Plate	Spring retainer
10	J1553809	Guide	2 required
11	JC-54796	Roll Pin	4 required
12	J1553791	Pinch Bar	2 required
13	J1555267	Sleeve Holder	

Sleeve Expander Cylinder Assembly – Right

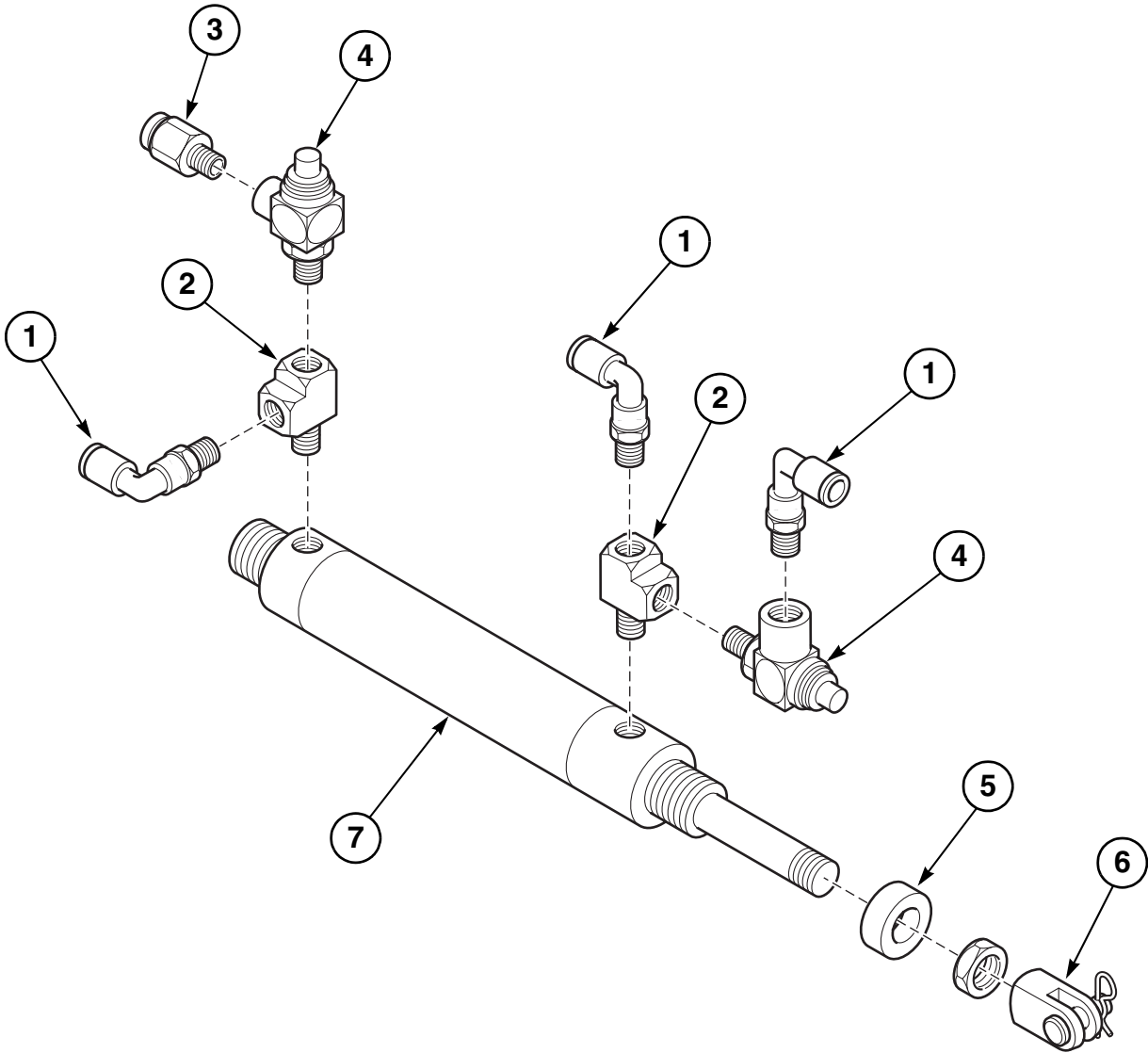


CAB1880P

Sleeve Expander Cylinder Assembly – Right

REF	PART NO.	DESCRIPTION	COMMENTS
	J1557529	Sleeve Expander Cylinder Assembly	Right; Includes items 1-5
1	JC-28317	Elbow	
2	J1407741	Elbow	2 required
3	J1562875	Sleeve Expander Cylinder	
4	J1560788	Spacer	Sleeve cylinder
5	J1562859	Clevis	Includes pin and cotter pin

Sleeve Expander Cylinder Assembly – Left

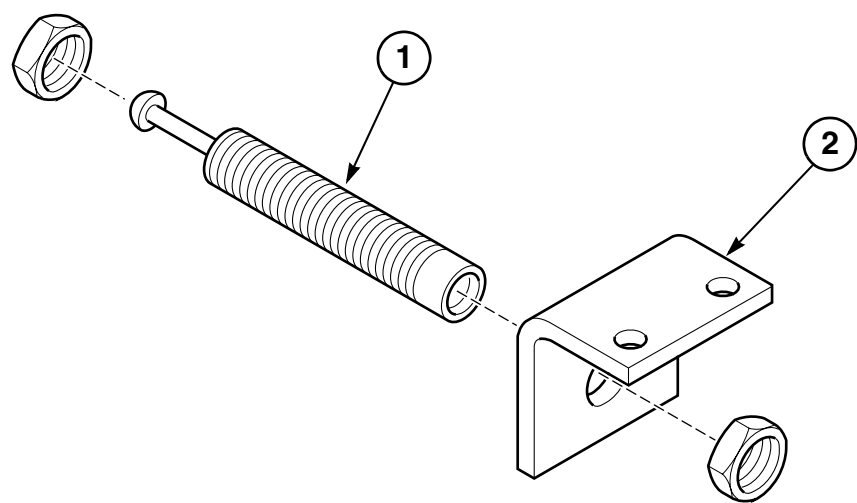


CAB1881P

Sleeve Expander Cylinder Assembly – Left

REF	PART NO.	DESCRIPTION	COMMENTS
	J1557511	Sleeve Expander Cylinder Assembly	Left; Includes items 1-7
1	J1407741	Elbow	3 required
2	JC-30541	Tee	2 required
3	F422101	Coupling	
4	J1455781	Flow Control Valve	2 required; Swivel
5	J1560788	Spacer	Sleeve cylinder
6	J1562859	Clevis	Includes pin and cotter pin
7	J1562875	Sleeve Expander Cylinder	

Shock Absorber Assembly

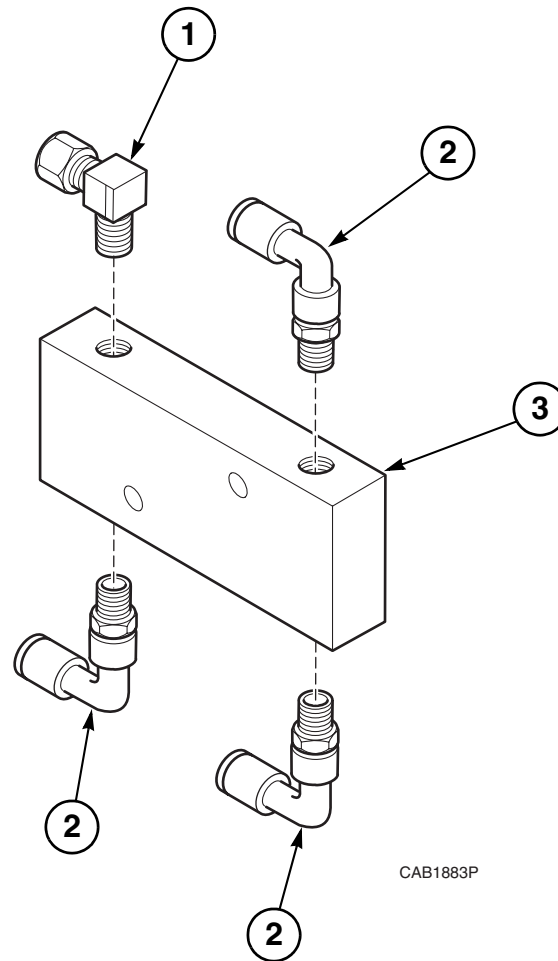


CAB1882P

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	

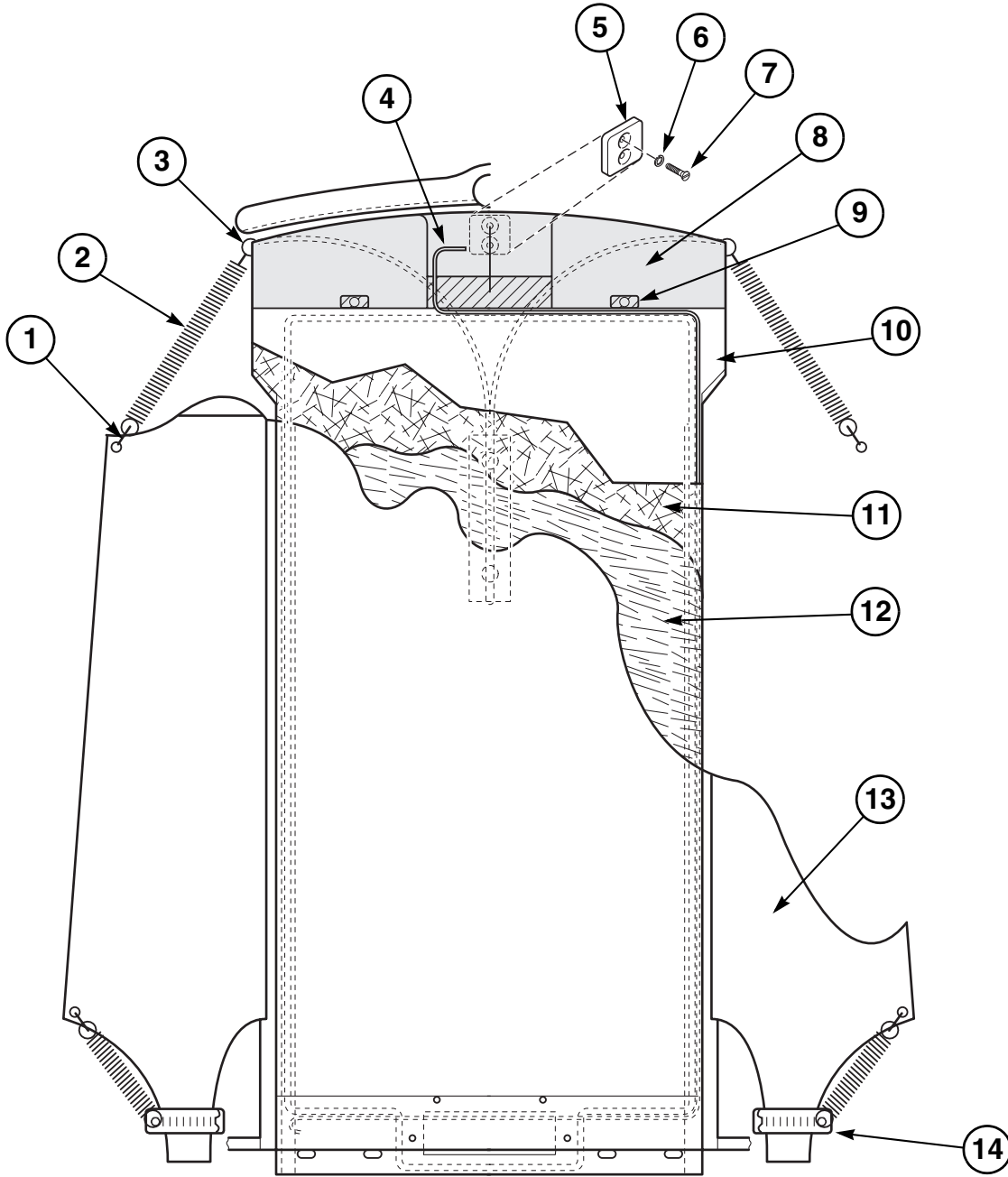
Air Manifold Assembly



Air Manifold Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1557545	Air Manifold Assembly	Includes items 1-3
1	JA-50770	Elbow	
2	J1407741	Elbow	3 required
3	J1618958	Manifold	

Buck, Covers and Padding

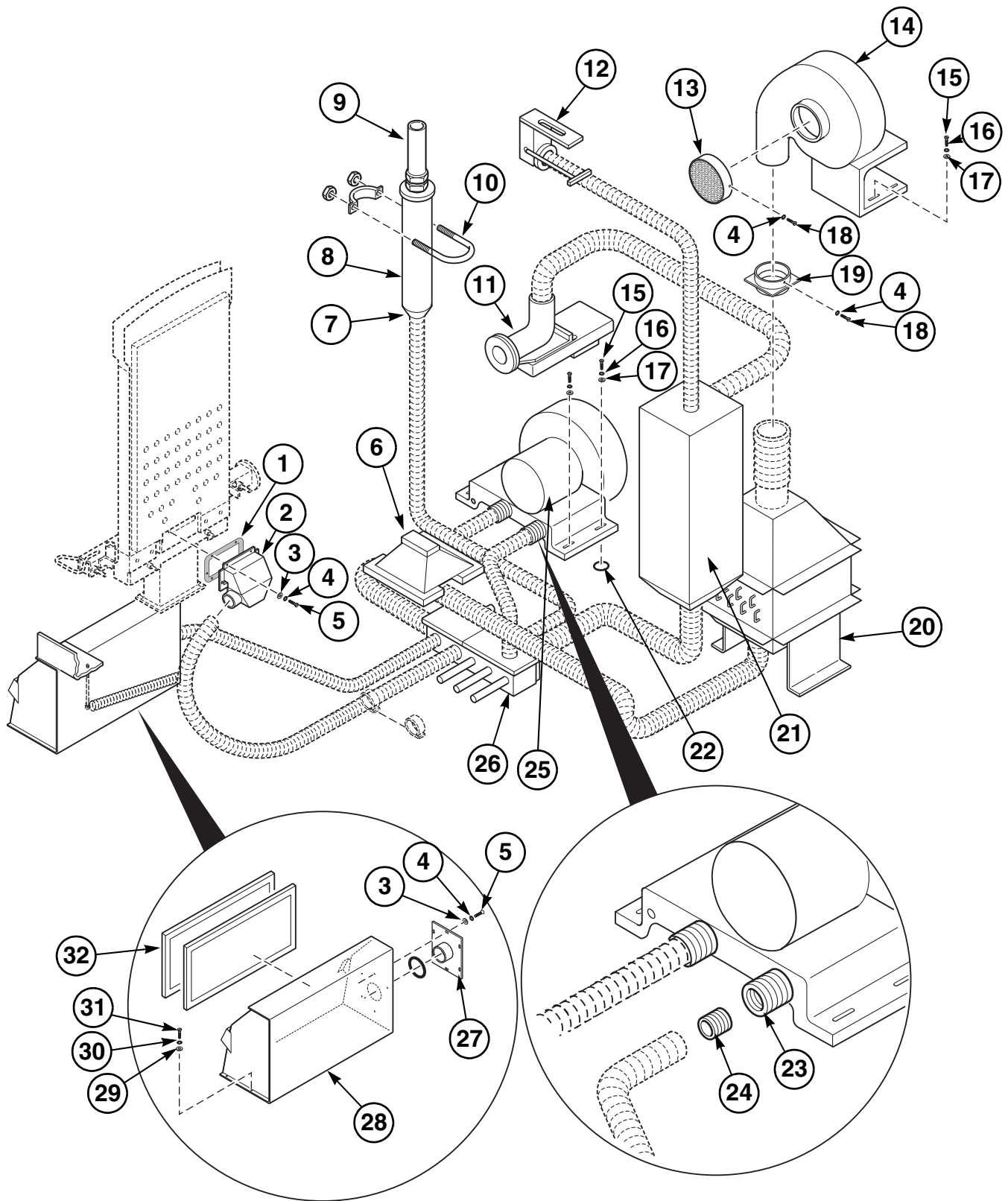


CAB1884P

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	JA-24579	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	Padding Assembly	Steel wool
12	J1555580	Padding Assembly	30 ounce flannel
13	J1555614	Buck Cover Assembly	
14	J1153865	Hose Clamp	2 required

Low Pressure Air System (Drawing 1 of 2)



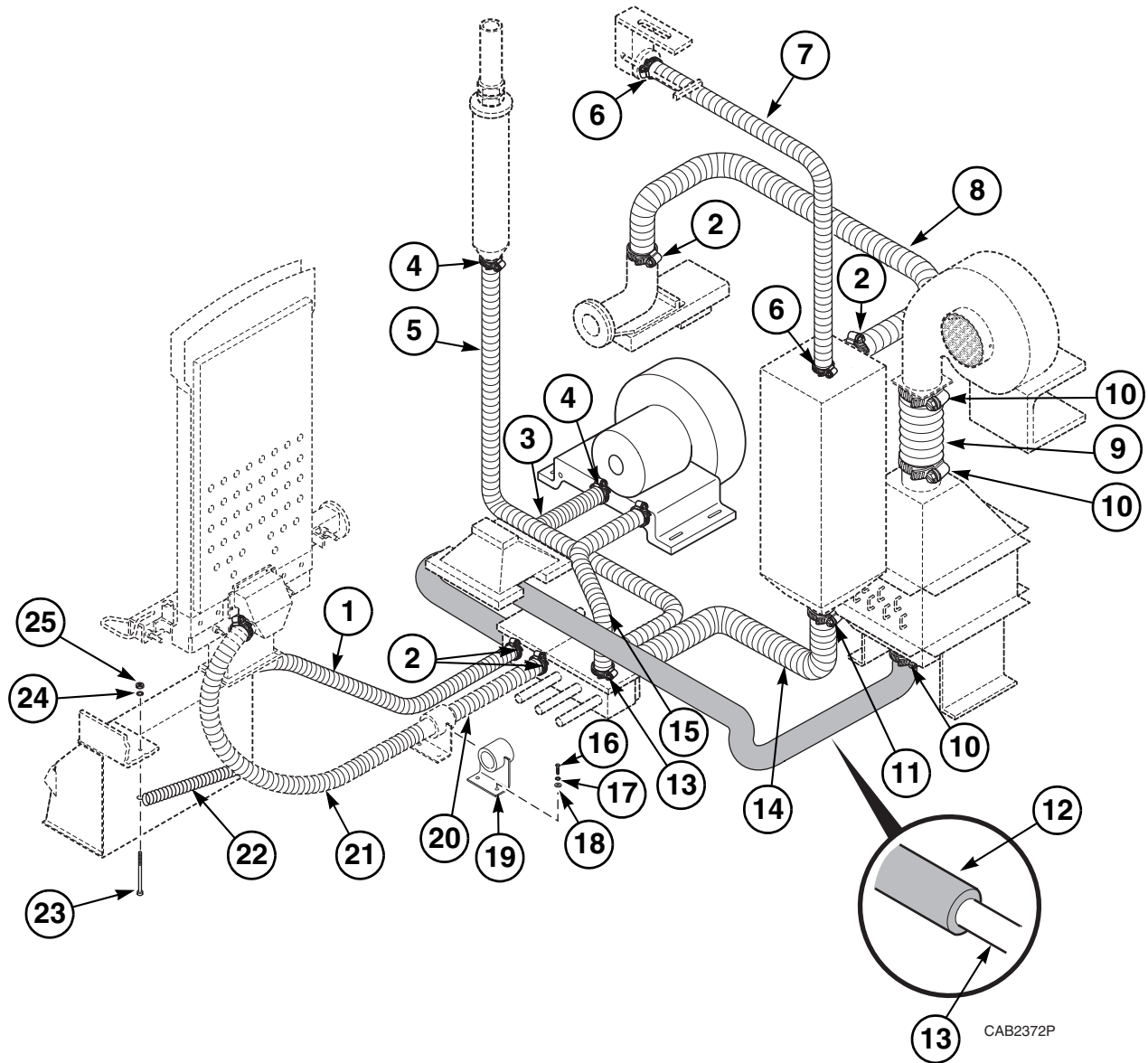
CAB2371P

Low Pressure Air System (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1372937	Seal	Silicon; Red
2	J1555291	Vacuum Inlet Box	
3	JC-80759	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	Nipple	2x4 inches
8	J1370550	Nipple	2x12 inches
9	J1370691	Muffler	
10	J1351204	U-Clamp	
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	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	J1562602	Steam Coil Assembly	Refer to <i>Steam Coil Assembly</i> section for parts breakdown
21	J1548825	Heat Exchanger Assembly	Refer to <i>Heat Exchanger Assembly</i> section for parts breakdown
22	JA-51527	Gasket	8 required; Rubber
23	J1398544	Nipple	2 required
24	J1438993	Nipple Weldment	2 required
25	N/A	Blower	Refer to <i>Electrical Parts and Conduit</i> section for parts breakdown
26	J1561158	Damper Box Assembly	Refer to <i>Damper Box Assembly</i> section for parts breakdown
27	J1475425	Filter Box Adapter Weldment	
28	J1475409	Filter Box Weldment	
29	JC-80513	Washer	8 required
30	J1185073	Washer	8 required
31	JA-53020	Screw	6 required for whole system
32	JA-53679	Air Filter	2 required

N/A = Part no longer available

Low Pressure Air System (Drawing 2 of 2)

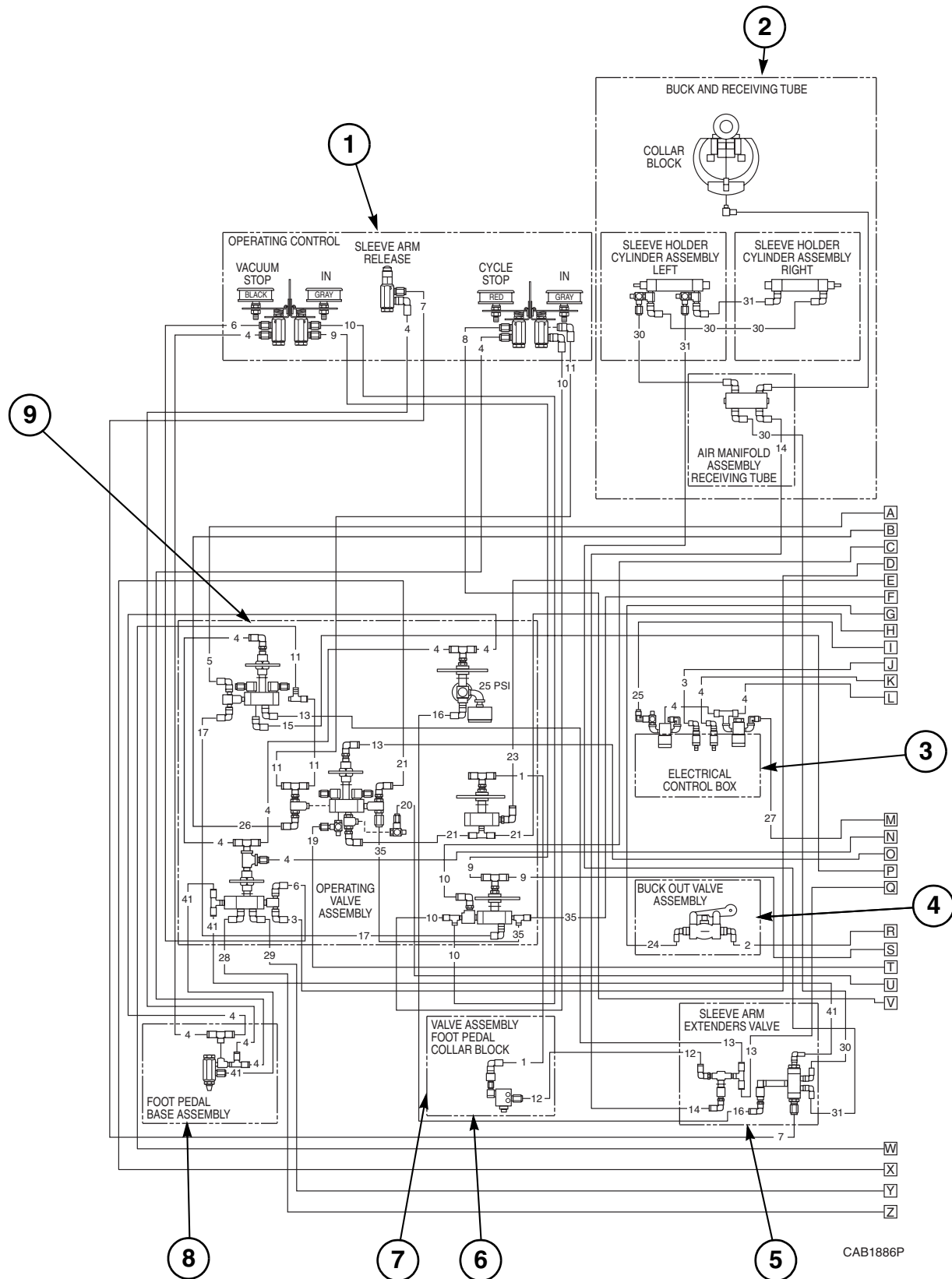


Low Pressure Air System (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1477066	Hose	2 inch ID
2	JC-21660	Clamp	8 required; Hose
3	J1471671	Hose	2-1/2 inch ID; Sold per foot
4	J1156967	Hose Clamp	4 required
5	J1121011	Hose	2-1/2 inch ID; Sold per foot
6	J1153865	Hose 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	Clamp	4 required; Hose
11	JC-21522	Clamp	4 required; Hose
12	J1586213	Insulation	Fiberglass
13	J1588748P	Hose	4 inch ID; Includes J1586213 Insulation and J1642123 Hose
14	JM-96005	Hose	3 inch ID; Sold per foot
15	J1588680P	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	
20	J1477066	Hose	2 inch ID
21	J1588664P	Hose	2 inch ID; 50 inches
	J1564178	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

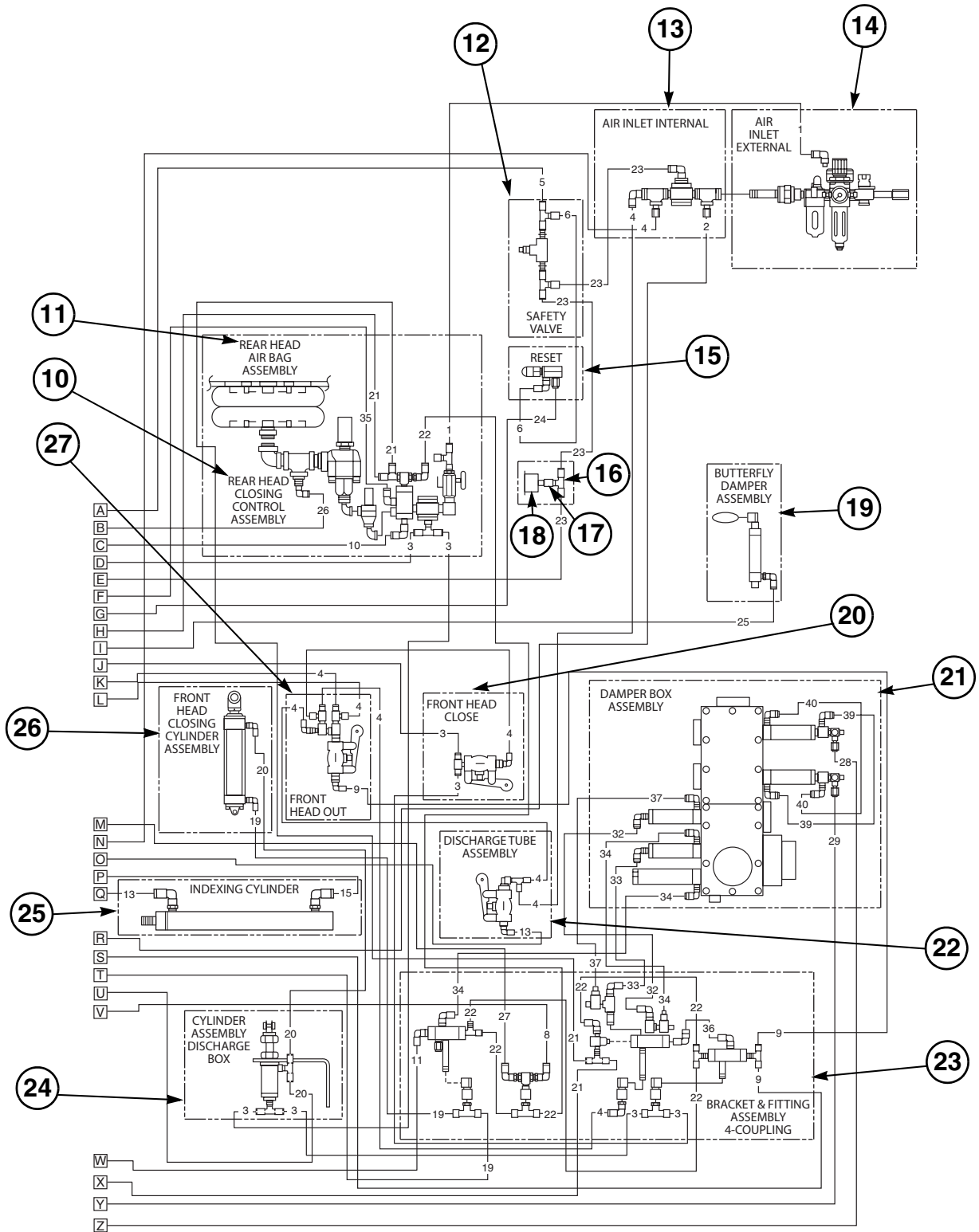
Air System (Drawing 1 of 6)

Models Through October 2003



Air System (Drawing 2 of 6)

Models Through October 2003



CAB1887P

Air System (Drawing 1 of 6)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1103970-00	Tubing	1/4 OD poly-flow
1	J1555952	Operating Control Assembly	Refer to <i>Operating Control Cover Assembly</i> section for parts breakdown
2	N/A	Receiving Tube and Carriage Assembly	Refer to <i>Receiving Tube/Carriage/Buck/Arms Assembly</i> section for parts breakdown
3	N/A	Electrical Control Assembly	Refer to <i>Electrical Parts and Conduit</i> section for parts breakdown
4	J1557388	Buck Out Valve Assembly	Refer to <i>Buck Out Valve Assembly</i> section for parts breakdown
5	J1557420	Bracket and Fitting Assembly	Refer to <i>Bracket and Fitting Assembly</i> section for parts breakdown
6	J1484930	Pedal Base Assembly	Refer to <i>Pedal Base Assembly</i> section for parts breakdown
7	J1485010	Collar Block Foot Pedal Base Assembly	Refer to <i>Collar Block Foot Pedal Base Assembly</i> section for parts breakdown
8	J1484682	Pedal Base and Valve Assembly	Sleeve expander and vacuum; Refer to <i>Pedal Base and Valve Assembly</i> section for parts breakdown
9	J1555945	Operating Valve Assembly	Refer to <i>Operating Valve Assembly</i> section for parts breakdown

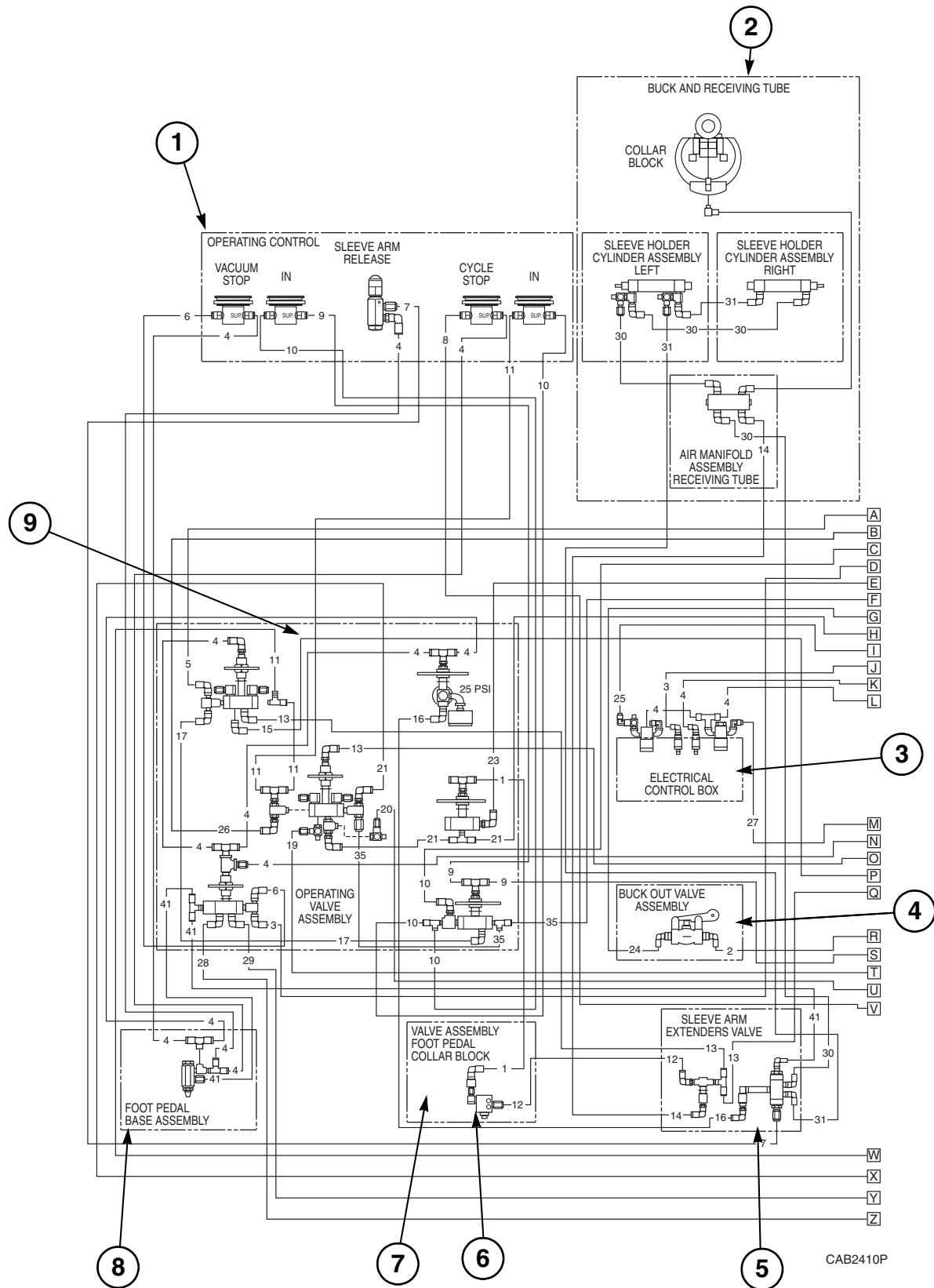
N/A = Part no longer available

Air System (Drawing 2 of 6)

REF	PART NO.	DESCRIPTION	COMMENTS
10	J1557453	Rear Head Closing Control Assembly	Refer to <i>Rear Head Closing Assembly</i> section for parts breakdown
11	J1559194	Air Bag Assembly	Refer to <i>Head Air Bag Assembly</i> section for parts breakdown
12	J1579002	Safety Valve Assembly	Refer to <i>Safety Valve Assembly</i> section for parts breakdown
13	J1557446	Internal Air Inlet Assembly	Refer to <i>Internal Air Inlet Assembly</i> section for parts breakdown
14	J1615129	Air Inlet Assembly	F.R.L.; Refer to <i>Air Inlet Assembly</i> section for parts breakdown
15	J1445303	Reset Valve Assembly	Refer to <i>Reset Valve Assembly</i> section for parts breakdown
16	J1437029	Tee	2 required
17	J1018571	Coupling	
18	J1531060	Pressure Gauge	0-100 psi
19	J1552447	Butterfly Damper Assembly	Refer to <i>Butterfly Damper Assembly</i> section for parts breakdown
20	J1557404	Front Head Close Valve Assembly	Refer to <i>Front Head Close Valve Assembly</i> section for parts breakdown
21	J1561158	Damper Box Assembly	Refer to <i>Damper Box Assembly</i> section for parts breakdown
22	J1559244	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
23	J1557412	Bracket and Fitting Assembly	Refer to <i>Bracket and Fitting Assembly</i> section for parts breakdown
24	J1559186	Discharge Box Cylinder Assembly	Refer to <i>Discharge Box Cylinder Assembly</i> section for parts breakdown
25	J1457290	Indexing Cylinder Assembly	Refer to <i>Indexing Cylinder Assembly</i> section for parts breakdown
26	J1559202	Front Head Closing Cylinder Assembly	Refer to <i>Front Head Closing Cylinder Assembly</i> section for parts breakdown
27	J1557396	Front Head Open Valve Assembly	Refer to <i>Front Head Open Valve Assembly</i> section for parts breakdown

Air System (Drawing 3 of 6)

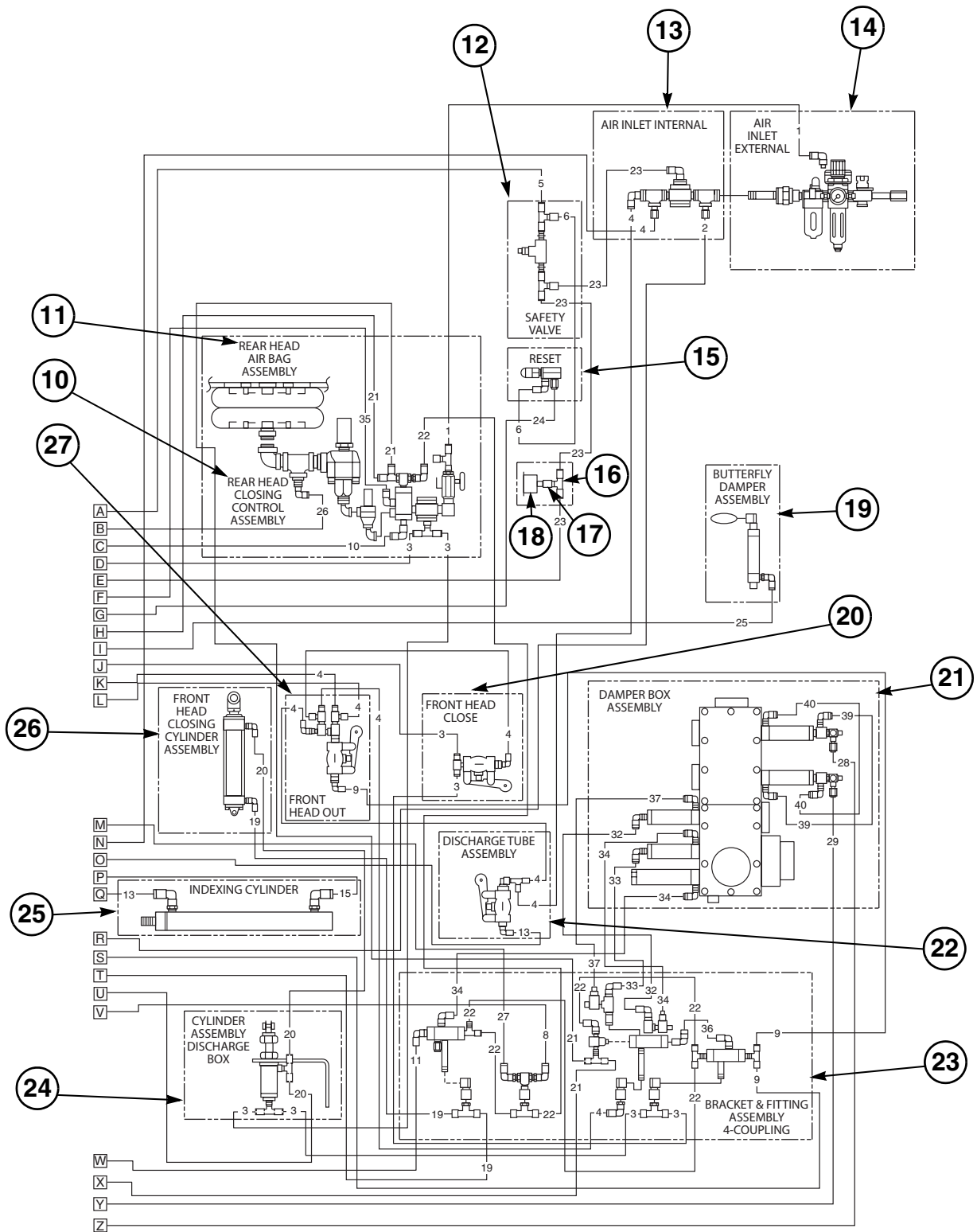
Models Starting October 2003



CAB2410P

Air System (Drawing 4 of 6)

Models Starting October 2003



CAB1887P

Air System (Drawing 3 of 6)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1103970-00	Tubing	1/4 OD poly-flow
1	J200013800	Operating Control Assembly	Refer to <i>Operating Control Cover Assembly</i> section for parts breakdown
2	N/A	Receiving Tube and Carriage Assembly	Refer to <i>Receiving Tube/Carriage/Buck/Arms Assembly</i> section for parts breakdown
3	N/A	Electrical Control Assembly	Refer to <i>Electrical Parts and Conduit</i> section for parts breakdown
4	J1557388	Buck Out Valve Assembly	Refer to <i>Buck Out Valve Assembly</i> section for parts breakdown
5	J1557420	Bracket and Fitting Assembly	Refer to <i>Bracket and Fitting Assembly</i> section for parts breakdown
6	J1484930	Pedal Base Assembly	Refer to <i>Pedal Base Assembly</i> section for parts breakdown
7	J1485010	Collar Block Foot Pedal Base Assembly	Refer to <i>Collar Block Foot Pedal Base Assembly</i> section for parts breakdown
8	J1484682	Pedal Base and Valve Assembly	Sleeve expander and vacuum; Refer to <i>Pedal Base and Valve Assembly</i> section for parts breakdown
9	J1555945	Operating Valve Assembly	Refer to <i>Operating Valve Assembly</i> section for parts breakdown

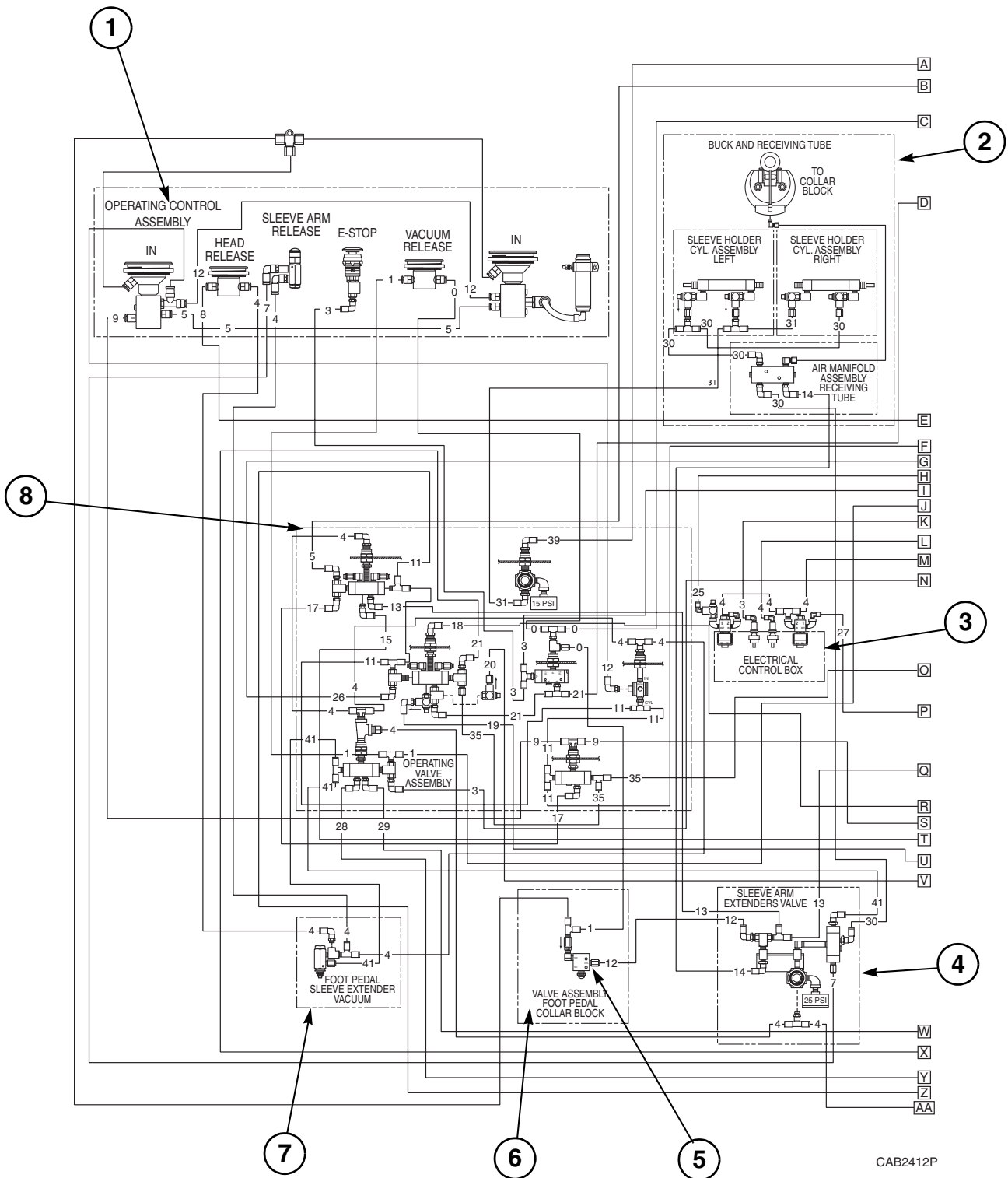
N/A = Part no longer available

Air System (Drawing 4 of 6)

REF	PART NO.	DESCRIPTION	COMMENTS
10	J1557453	Rear Head Closing Control Assembly	Refer to <i>Rear Head Closing Assembly</i> section for parts breakdown
11	J1559194	Air Bag Assembly	Refer to <i>Head Air Bag Assembly</i> section for parts breakdown
12	J1579002	Safety Valve Assembly	Refer to <i>Safety Valve Assembly</i> section for parts breakdown
13	J1557446	Internal Air Inlet Assembly	Refer to <i>Internal Air Inlet Assembly</i> section for parts breakdown
14	J1615129	Air Inlet Assembly	F.R.L.; Refer to <i>Air Inlet Assembly</i> section for parts breakdown
15	J1445303	Reset Valve Assembly	Refer to <i>Reset Valve Assembly</i> section for parts breakdown
16	J1437029	Tee	2 required
17	J1018571	Coupling	
18	J1531060	Pressure Gauge	0-100 psi
19	J1552447	Butterfly Damper Assembly	Refer to <i>Butterfly Damper Assembly</i> section for parts breakdown
20	J1557404	Front Head Close Valve Assembly	Refer to <i>Front Head Close Valve Assembly</i> section for parts breakdown
21	J1561158	Damper Box Assembly	Refer to <i>Damper Box Assembly</i> section for parts breakdown
22	J1559244	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
23	J1557412	Bracket and Fitting Assembly	Refer to <i>Bracket and Fitting Assembly</i> section for parts breakdown
24	J1559186	Discharge Box Cylinder Assembly	Refer to <i>Discharge Box Cylinder Assembly</i> section for parts breakdown
25	J1457290	Indexing Cylinder Assembly	Refer to <i>Indexing Cylinder Assembly</i> section for parts breakdown
26	J1559202	Front Head Closing Cylinder Assembly	Refer to <i>Front Head Closing Cylinder Assembly</i> section for parts breakdown
27	J1557396	Front Head Open Valve Assembly	Refer to <i>Front Head Open Valve Assembly</i> section for parts breakdown

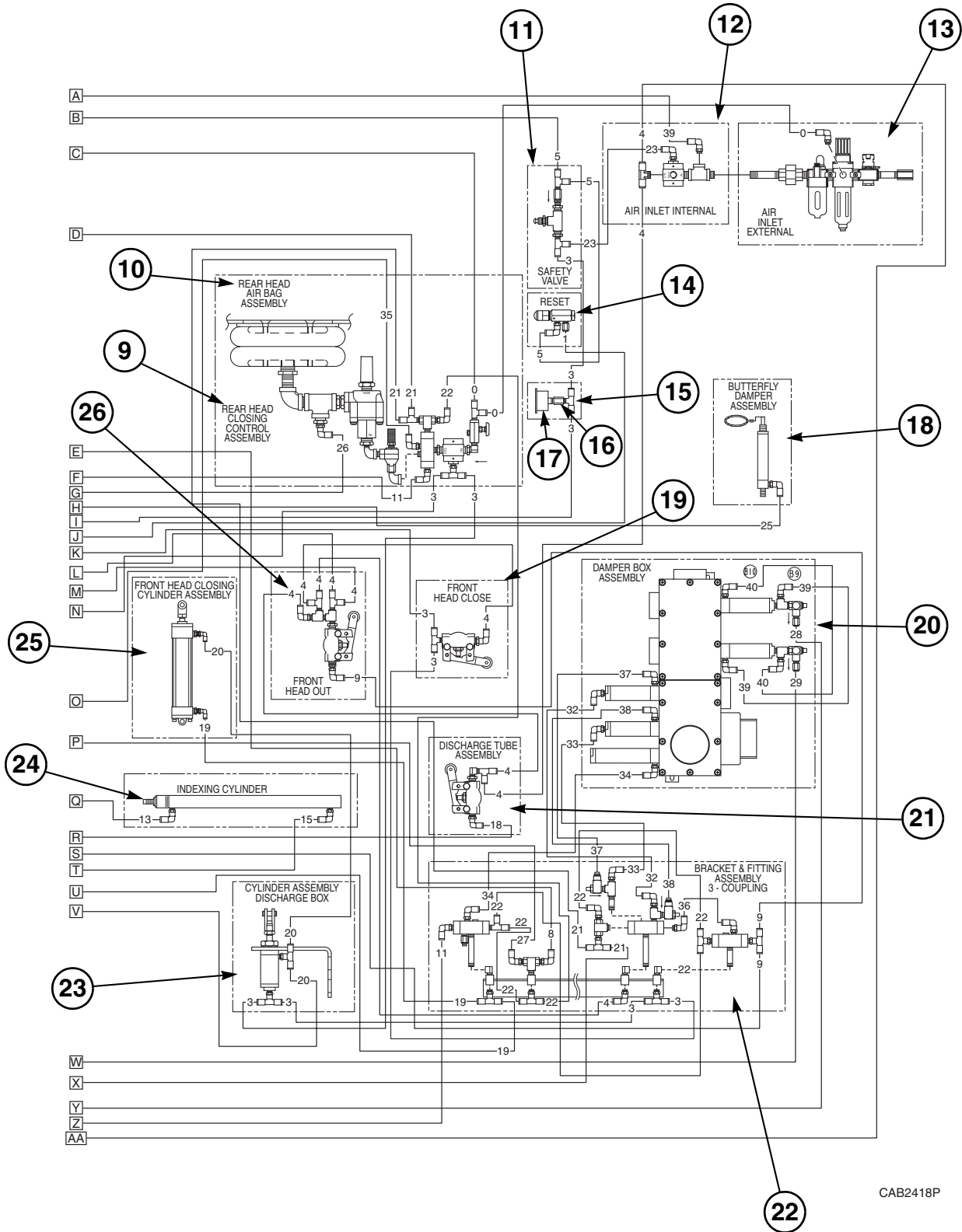
Air System (Drawing 5 of 6)

CE Models Only



Air System (Drawing 6 of 6)

CE Models Only



CAB2418P

Air System (Drawing 5 of 6)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1103970-00	Tubing	1/4 OD poly-flow
1	J200014300	Operating Control Assembly	Refer to <i>Operating Control Cover Assembly</i> section for parts breakdown
2	N/A	Receiving Tube and Carriage Assembly	Refer to <i>Receiving Tube/Carriage/Buck/Arms Assembly</i> section for parts breakdown
3	N/A	Electrical Control Assembly	Refer to <i>Electrical Parts and Conduit</i> section for parts breakdown
4	J1557420	Bracket and Fitting Assembly	Refer to <i>Bracket and Fitting Assembly</i> section for parts breakdown
5	J1484930	Pedal Base Assembly	Refer to <i>Pedal Base Assembly</i> section for parts breakdown
6	J1485010	Collar Block Foot Pedal Base Assembly	Refer to <i>Collar Block Foot Pedal Base Assembly</i> section for parts breakdown
7	J1484682	Pedal Base and Valve Assembly	Sleeve expander and vacuum; Refer to <i>Pedal Base and Valve Assembly</i> section for parts breakdown
8	J1555945	Operating Valve Assembly	Refer to <i>Operating Valve Assembly</i> section for parts breakdown

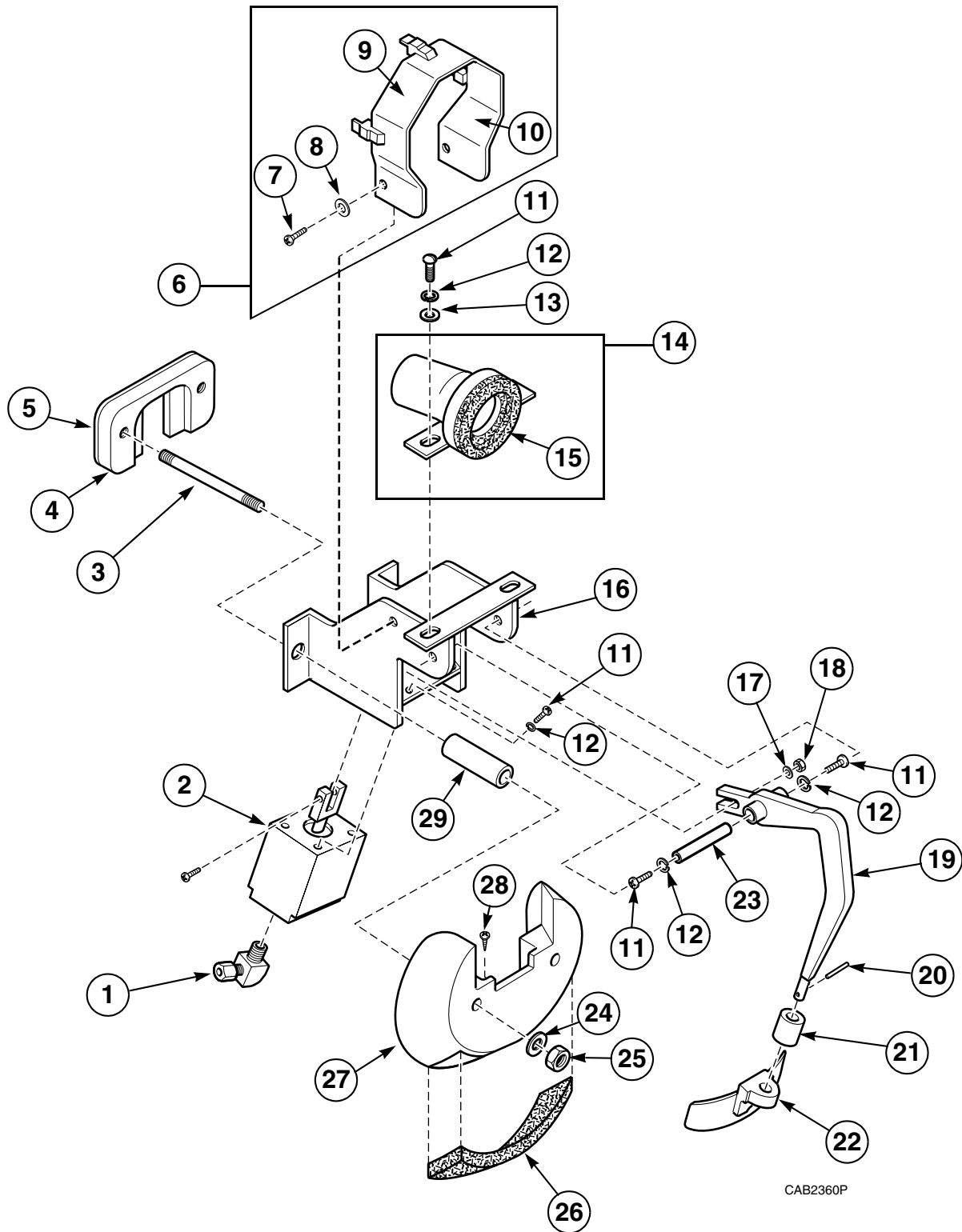
N/A = Part no longer available

Air System (Drawing 6 of 6)

REF	PART NO.	DESCRIPTION	COMMENTS
9	J1557453	Rear Head Closing Control Assembly	Refer to <i>Rear Head Closing Assembly</i> section for parts breakdown
10	J1559194	Air Bag Assembly	Refer to <i>Head Air Bag Assembly</i> section for parts breakdown
11	J1579002	Safety Valve Assembly	Refer to <i>Safety Valve Assembly</i> section for parts breakdown
12	J1557446	Internal Air Inlet Assembly	Refer to <i>Internal Air Inlet Assembly</i> section for parts breakdown
13	J1615129	Air Inlet Assembly	F.R.L.; Refer to <i>Air Inlet Assembly</i> section for parts breakdown
14	J1445303	Reset Valve Assembly	Refer to <i>Reset Valve Assembly</i> section for parts breakdown
15	J1437029	Tee	2 required
16	J1018571	Coupling	
17	J1531060	Pressure Gauge	0-100 psi
18	J1552447	Butterfly Damper Assembly	Refer to <i>Butterfly Damper Assembly</i> section for parts breakdown
19	J1557404	Front Head Close Valve Assembly	Refer to <i>Front Head Close Valve Assembly</i> section for parts breakdown
20	J1561158	Damper Box Assembly	Refer to <i>Damper Box Assembly</i> section for parts breakdown
21	J1559244	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
22	J1557412	Bracket and Fitting Assembly	Refer to <i>Bracket and Fitting Assembly</i> section for parts breakdown
23	J1559186	Discharge Box Cylinder Assembly	Refer to <i>Discharge Box Cylinder Assembly</i> section for parts breakdown
24	J1457290P	Indexing Cylinder Assembly	Refer to <i>Indexing Cylinder Assembly</i> section for parts breakdown
25	J1559202	Front Head Closing Cylinder Assembly	Refer to <i>Front Head Closing Cylinder Assembly</i> section for parts breakdown
26	J1557396	Front Head Open Valve Assembly	Refer to <i>Front Head Open Valve Assembly</i> section for parts breakdown

Collar Block Assembly (Drawing 1 of 2)

Models Through May 2003



CAB2360P

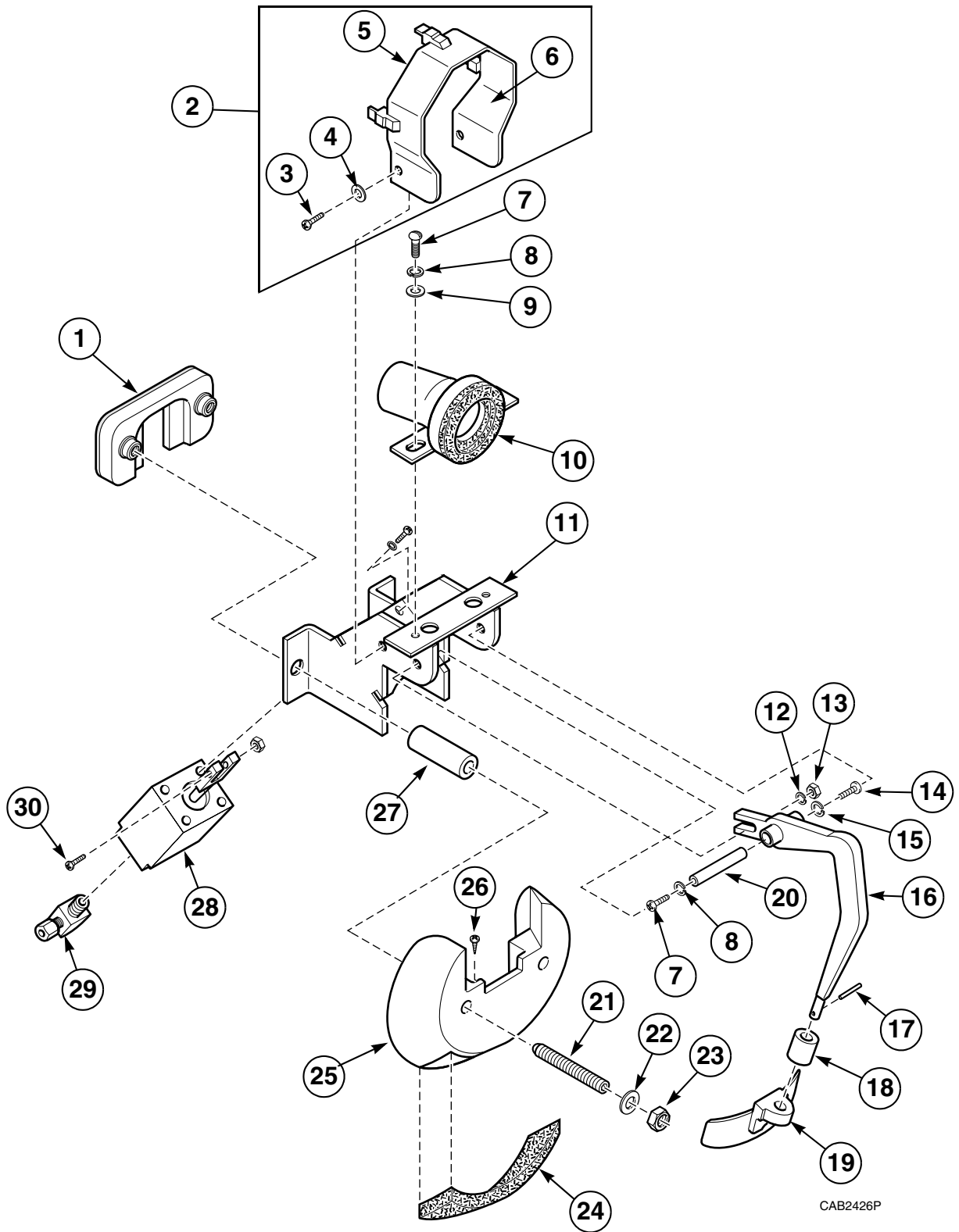
Collar Block Assembly (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1484294	Collar Block Assembly	Includes items 1-29
1	JA-50770	Elbow	
2	J1504018	Collar Block Cylinder Assembly	Refer to <i>Collar Block Cylinder Assembly</i> section for parts breakdown
3	J0638030-00	Mounting Stud	2 required
4	JA-24249	Plate	Mounting bracket
5	J1413087	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	JC-80759	Washer	8 required
14	JA-09174	Collar Tube Assembly	Includes item 15
15	J1401389	Seal	Silicon
16	J1484344	Collar Housing Weldment	
17	J1085984	Washer	
18	J1489053	Screw	
19	J1624774	Collar Block Arm Assembly	
20	J1407725	Roll Pin	
21	J1648831	Collar Block Spacer	
22	JA-22812	Clamp	
23	J1484401	Axle	
24	F431134	Washer	2 required
25	M400026	Nut	2 required
26	JA-09244	Insert Assembly	
27	JA-24340	Collar Block	
28	JA-50454	Screw	2 required
29	J1488873	Spacer	2 required

N/A = Part no longer available

Collar Block Assembly (Drawing 2 of 2)

Models Starting June 2004

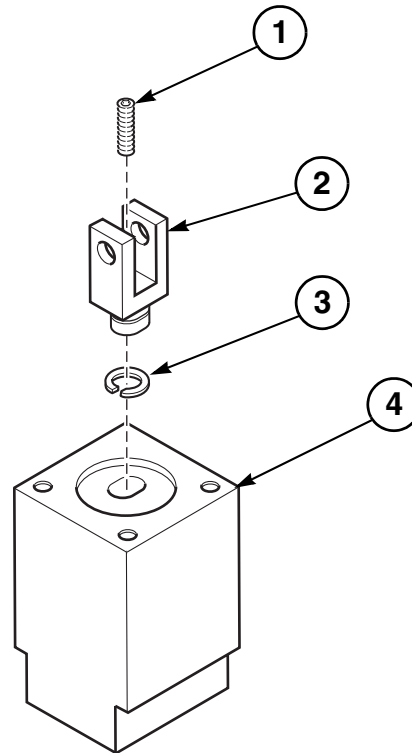


CAB2426P

Collar Block Assembly (Drawing 2 of 2)

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	JC-80759	Washer	2 required
10	JA-09174	Collar Tube Assembly	
11	J200109000	Collar Housing Weldment	
12	J1085984	Washer	
13	J1209113	Nut	
14	F430281	Screw	2 required
15	F430311	Washer	
16	J1624774	Collar Block Arm Assembly	
17	J1407725	Roll Pin	
18	J1648831	Collar Block Spacer	
19	JA-22812	Clamp	
20	J1484401	Axle	
21	J200144100	Screw	2 required
22	J1470491	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	Elbow	
30	J1489053	Screw	

Collar Block Cylinder Assembly

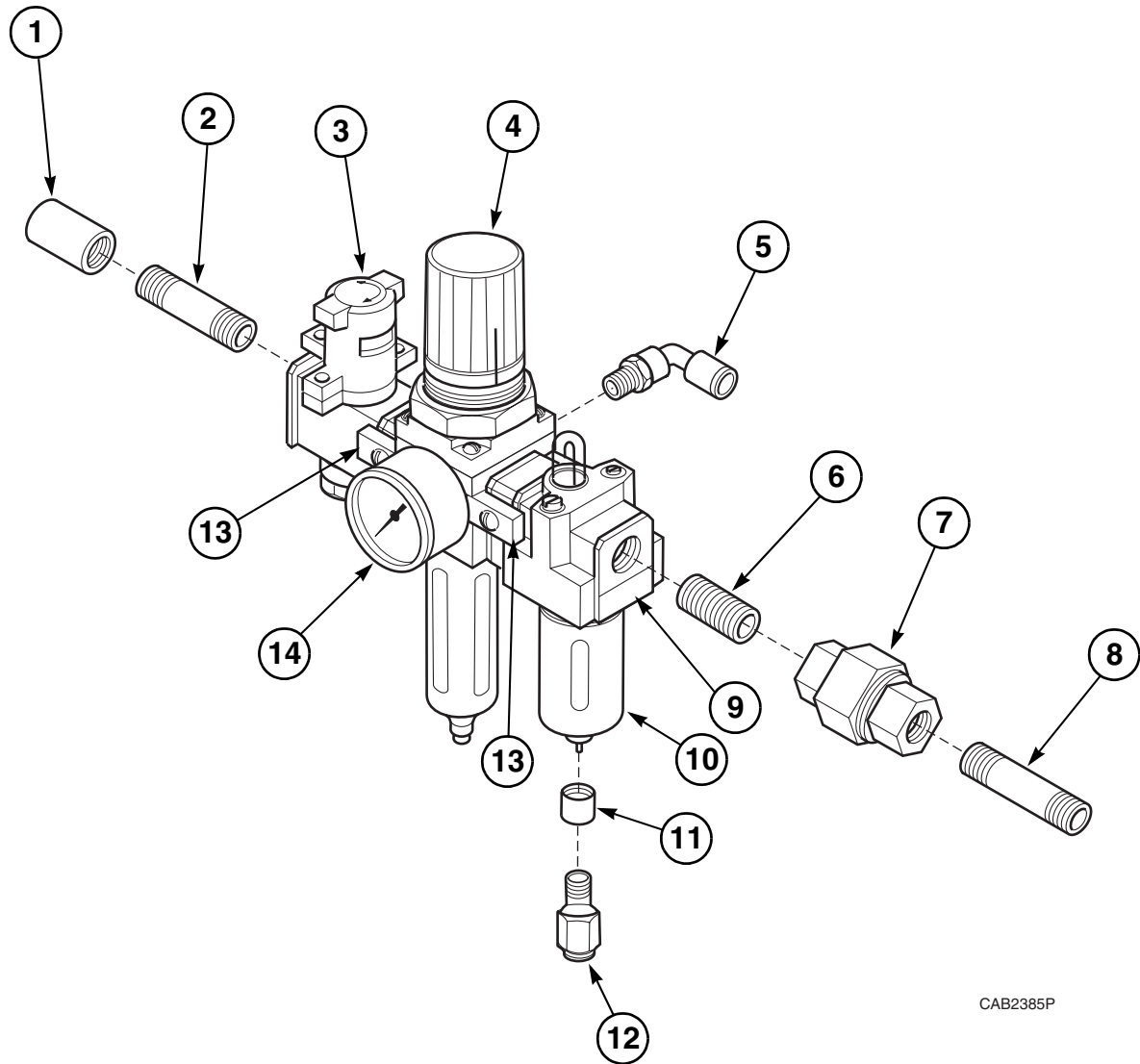


CAB2199P

Collar Block Cylinder Assembly

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

Filter/Regulator/Lubricator Assembly

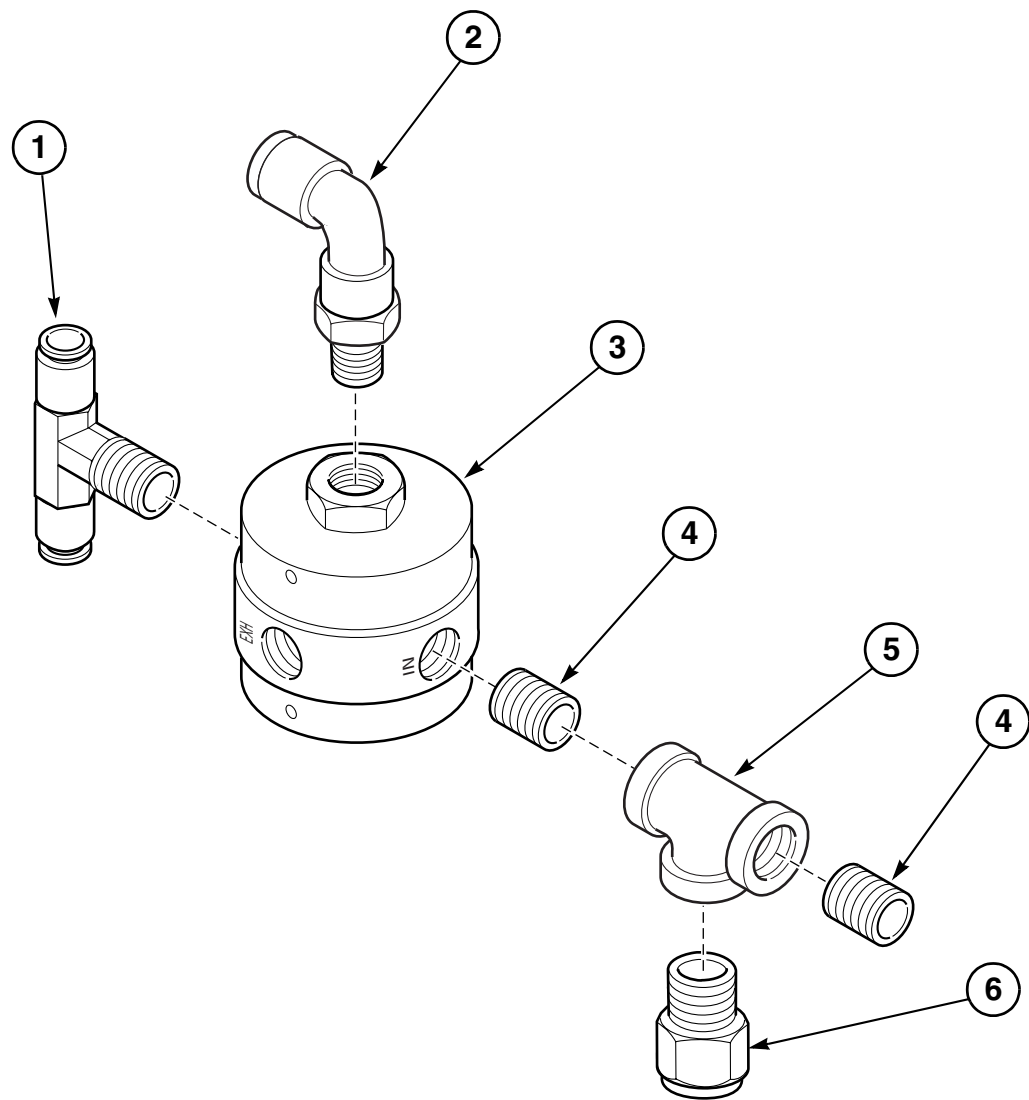


CAB2385P

Filter/Regulator/Lubricator Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1615129	Air Inlet Assembly	Includes items 1-14
	J1557479	Filter/Regulator/Lubricator Assembly	Includes items 3, 4, 9, 10, 13 and 14
	J1637636	Filter/Regulator Maintenance Kit	
	J1637644	Filter/Regulator Auto Drain Kit	
	J1637628	Lubricator Maintenance Kit	Use with item 9
1	J1007442	Coupling	
2	JC-4606101	Nipple	
3	J1557503	Lock-Out Valve	Shut off
4	J1557487	Filter/Regulator	
5	J1407741	Elbow	
6	J115175201	Nipple	
7	JC-7601201	Union	
8	JC-4613101	Nipple	
9	J1557495	Lubricator	
10	J1647536	Lubricator Bowl	
11	J1430750	Adapter	
12	F422101	Coupling	
13	J1571413	Spacer	2 required
14	J1477959	Pressure Gauge	

Internal Air Inlet Assembly

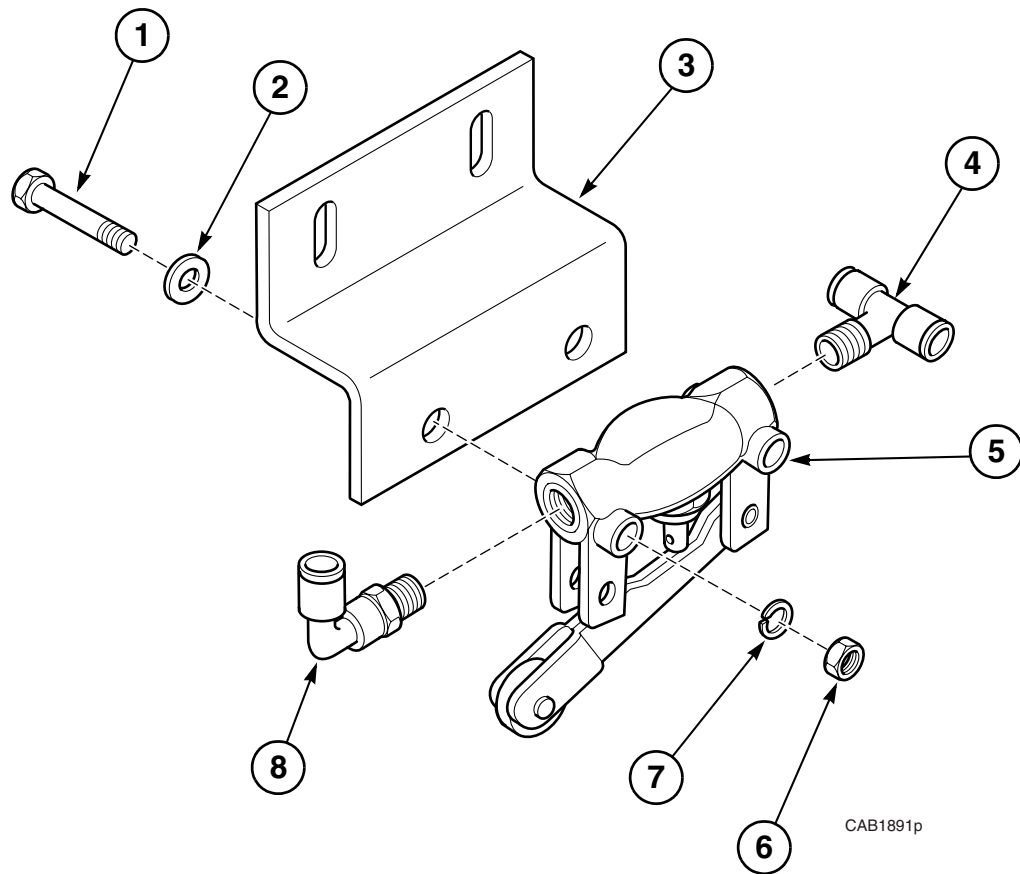


CAB1890P

Internal Air Inlet Assembly

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

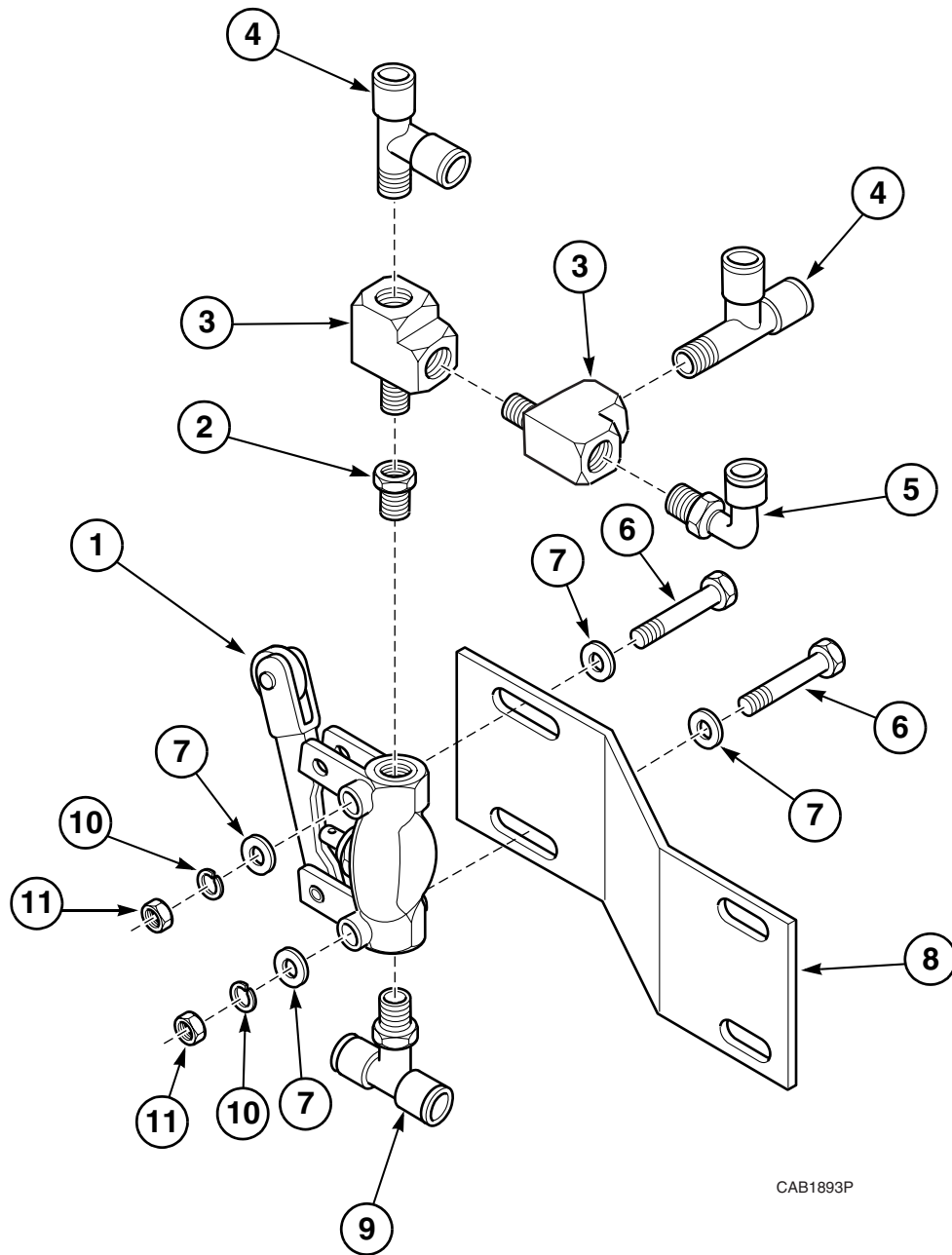
Front Head Close Valve Assembly



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	Valve Mounting Bracket	
4	J1460484	Tee	
5	JA-53892	Roller Valve	3-way
6	20275	Nut	2 required
7	J1185073	Washer	2 required
8	J1419811	Elbow	

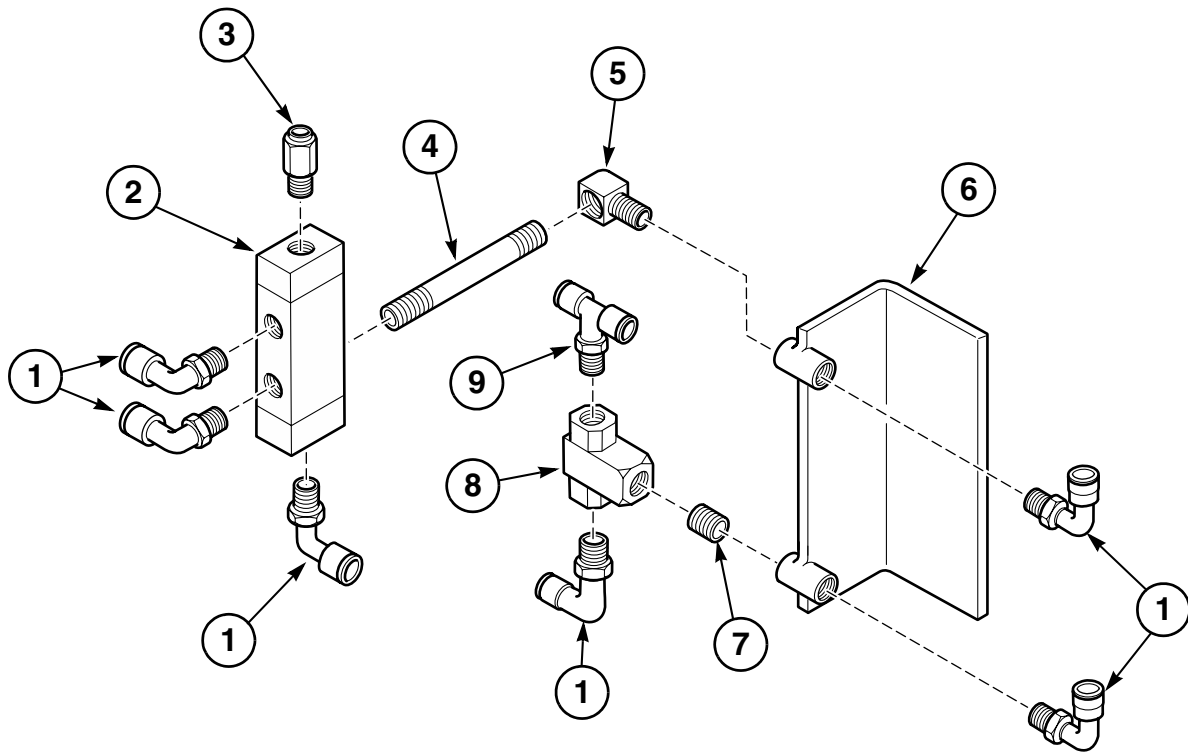
Front Head Open Valve Assembly



Front Head Open Valve Assembly

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

Bracket and Fitting Assembly – 2-Coupling

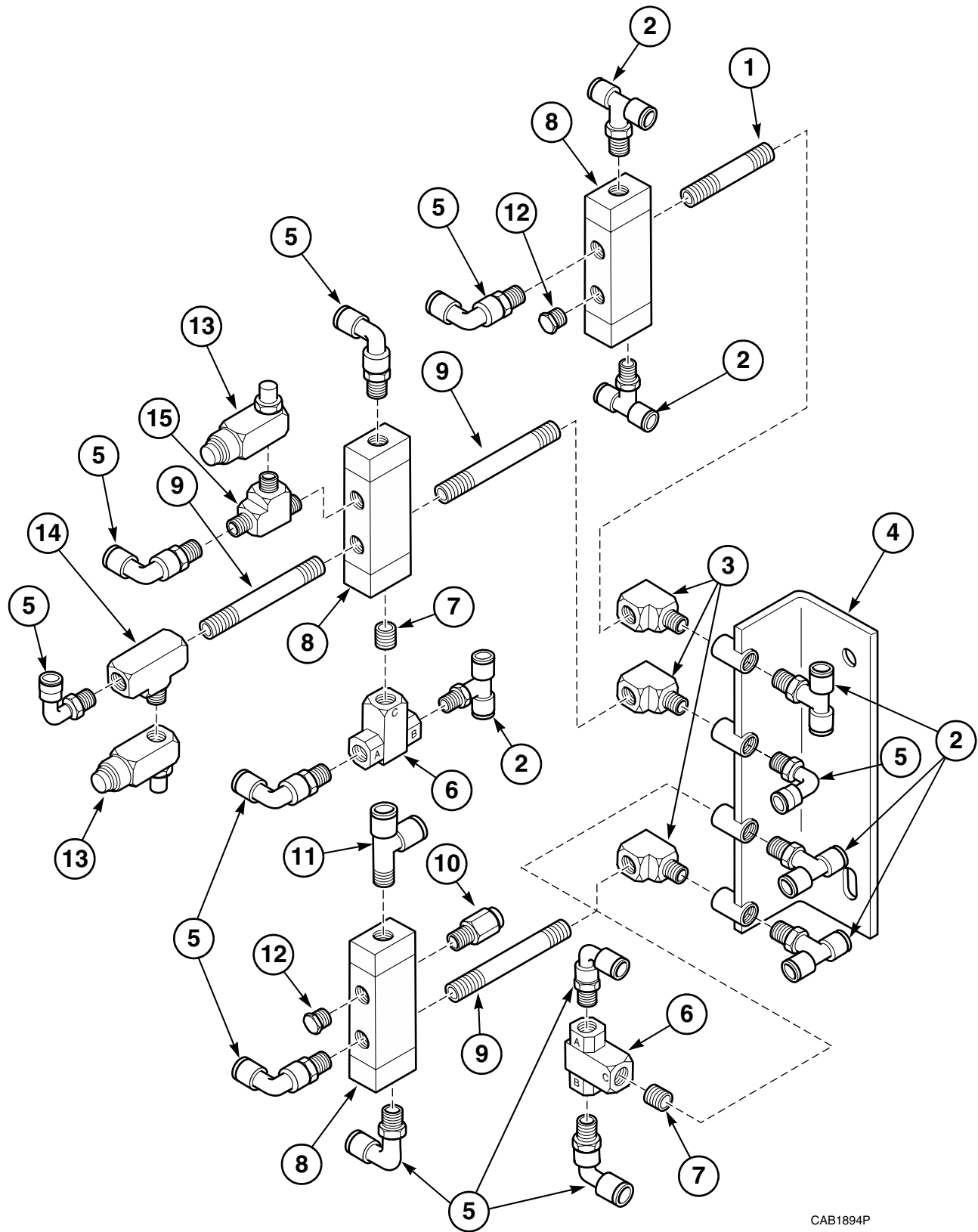


CAB1892P

Bracket and Fitting Assembly – 2-Coupling

REF	PART NO.	DESCRIPTION	COMMENTS
	J1557420	Bracket and Fitting Assembly	Includes items 1-9
1	J1407741	Elbow	6 required
2	J1548783	Valve	4-way; Double pilot
3	F422101	Coupling	
4	JC-46091	Nipple	
5	JC-28317	Elbow	
6	J1471986	Coupling Bracket Weldment	
7	J1232313	Nipple	
8	JA-53602	Shuttle Valve	
9	J1438357	Tee	

Bracket and Fitting Assembly – 4-Coupling

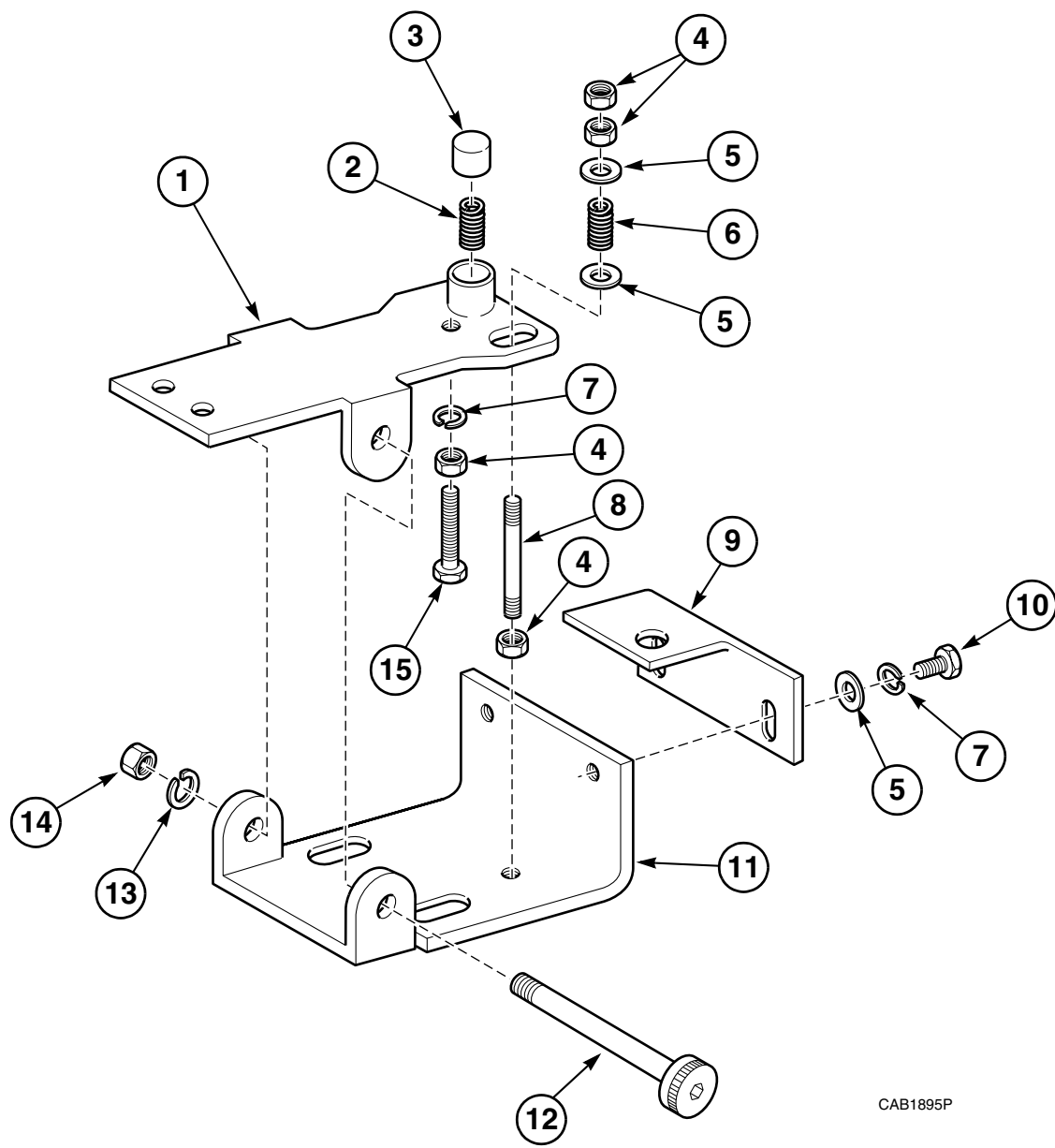


CAB1894P

Bracket and Fitting Assembly – 4-Coupling

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

Pedal Base Assembly



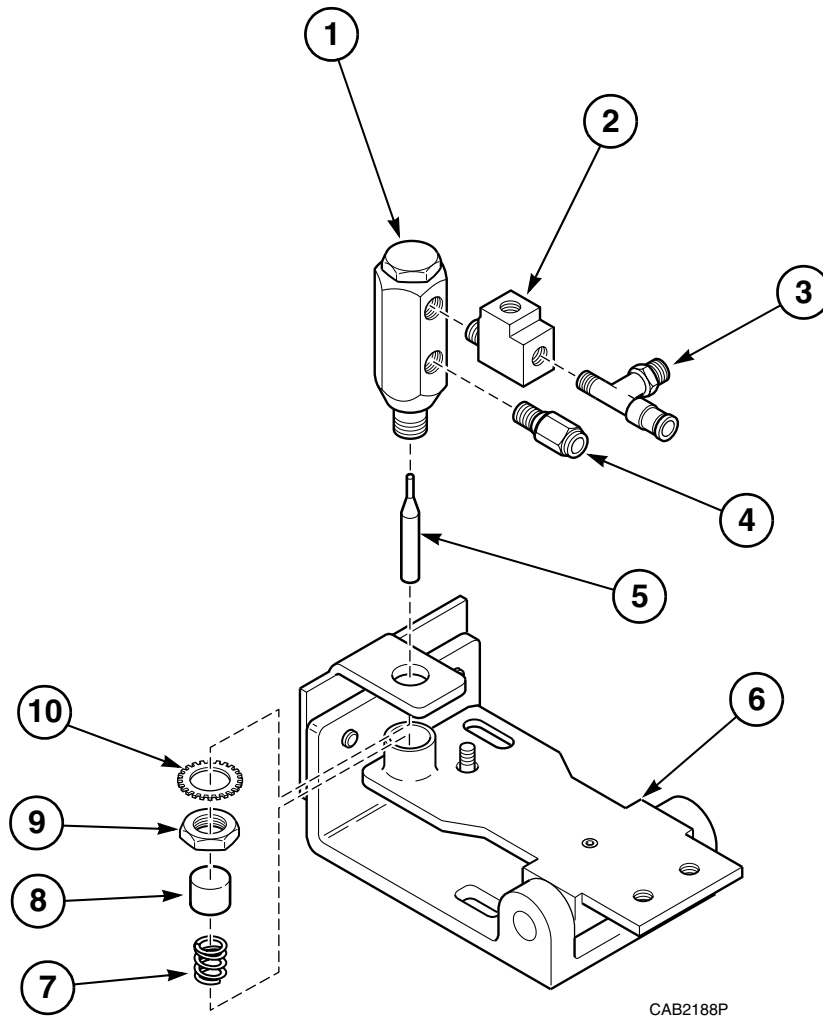
CAB1895P

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

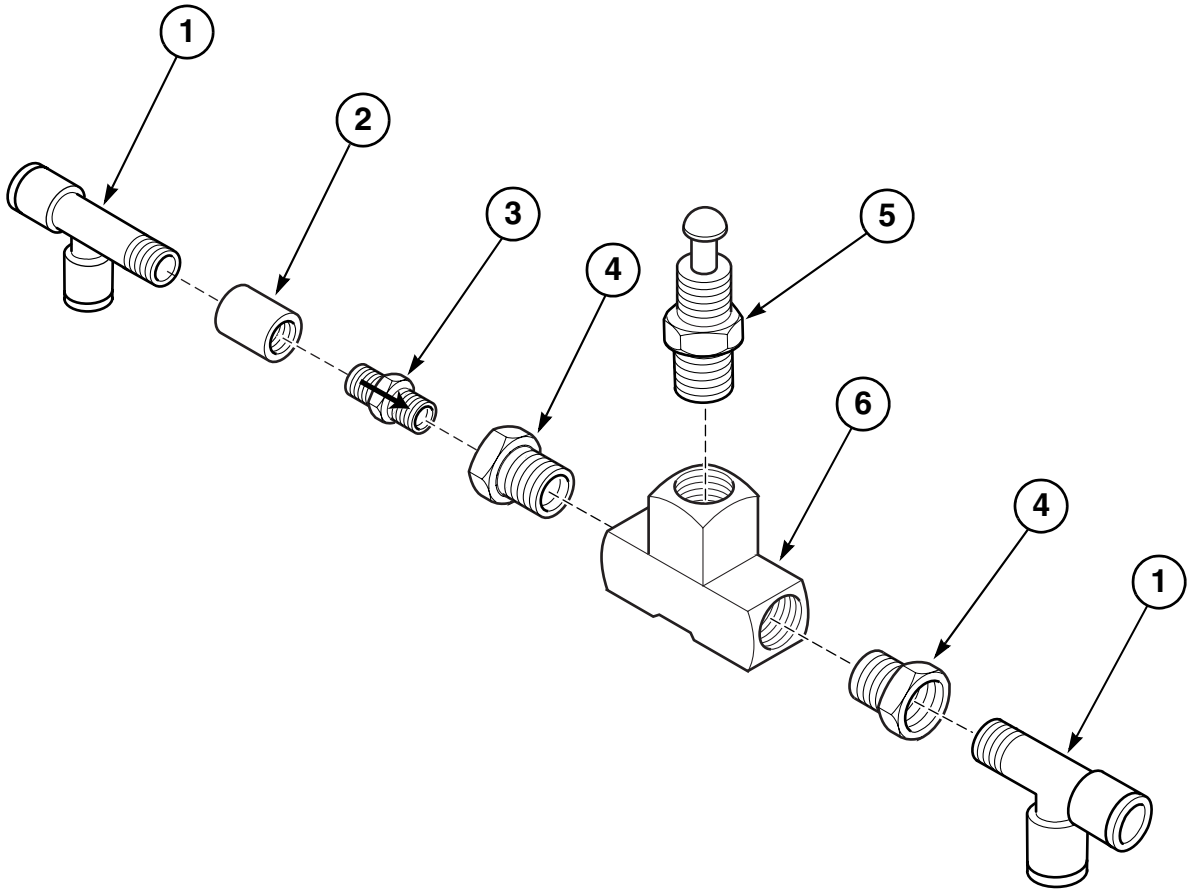
Sleeve Expander and Vacuum



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	
2	J1438357	Tee	
3	JC-30541	Tee	
4	F422101	Coupling	
5	J1611417	Valve Stem	
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	

Safety Valve Assembly

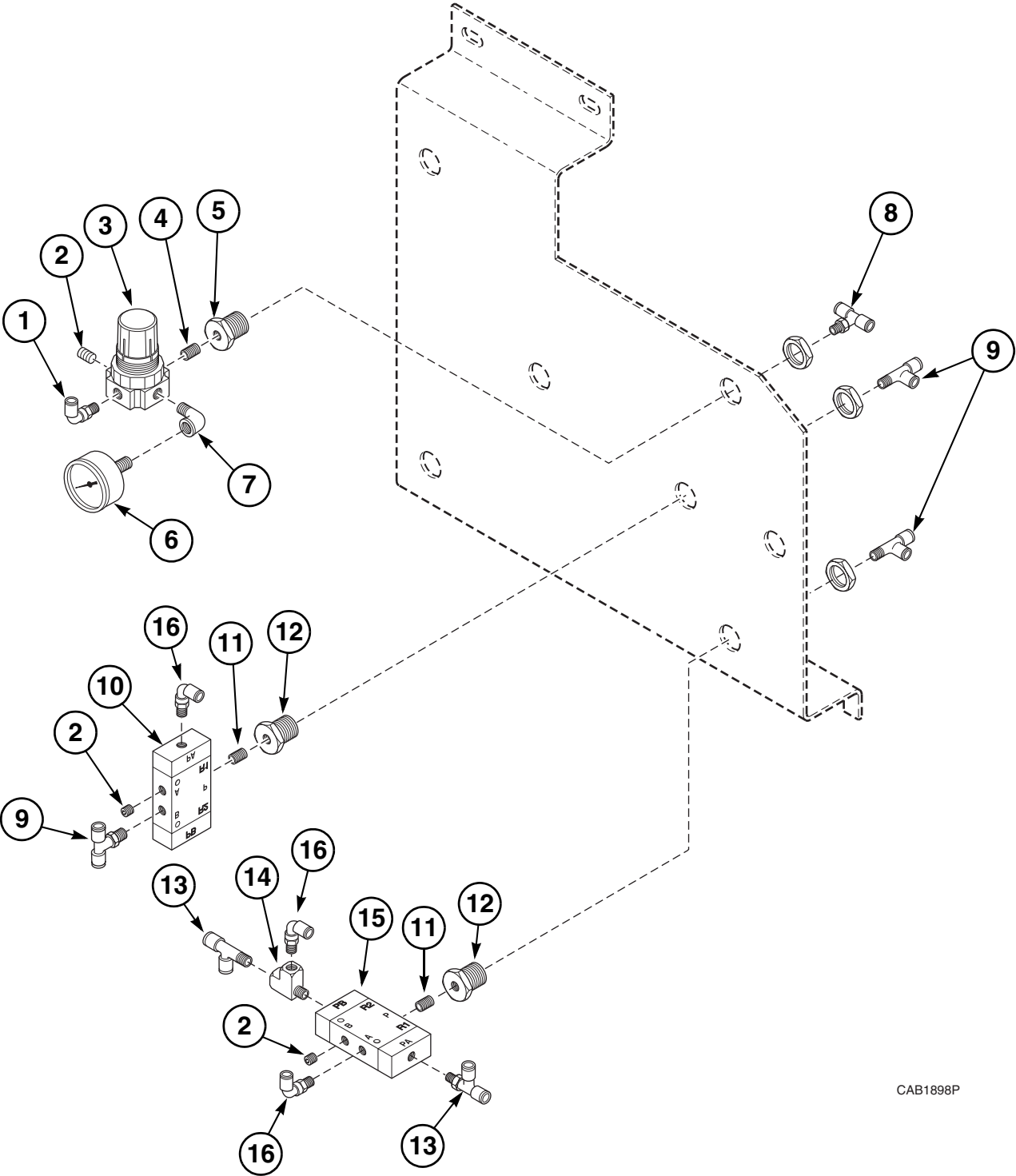


CAB1897P

Safety Valve Assembly

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

Operating Valve Assembly (Drawing 1 of 2)

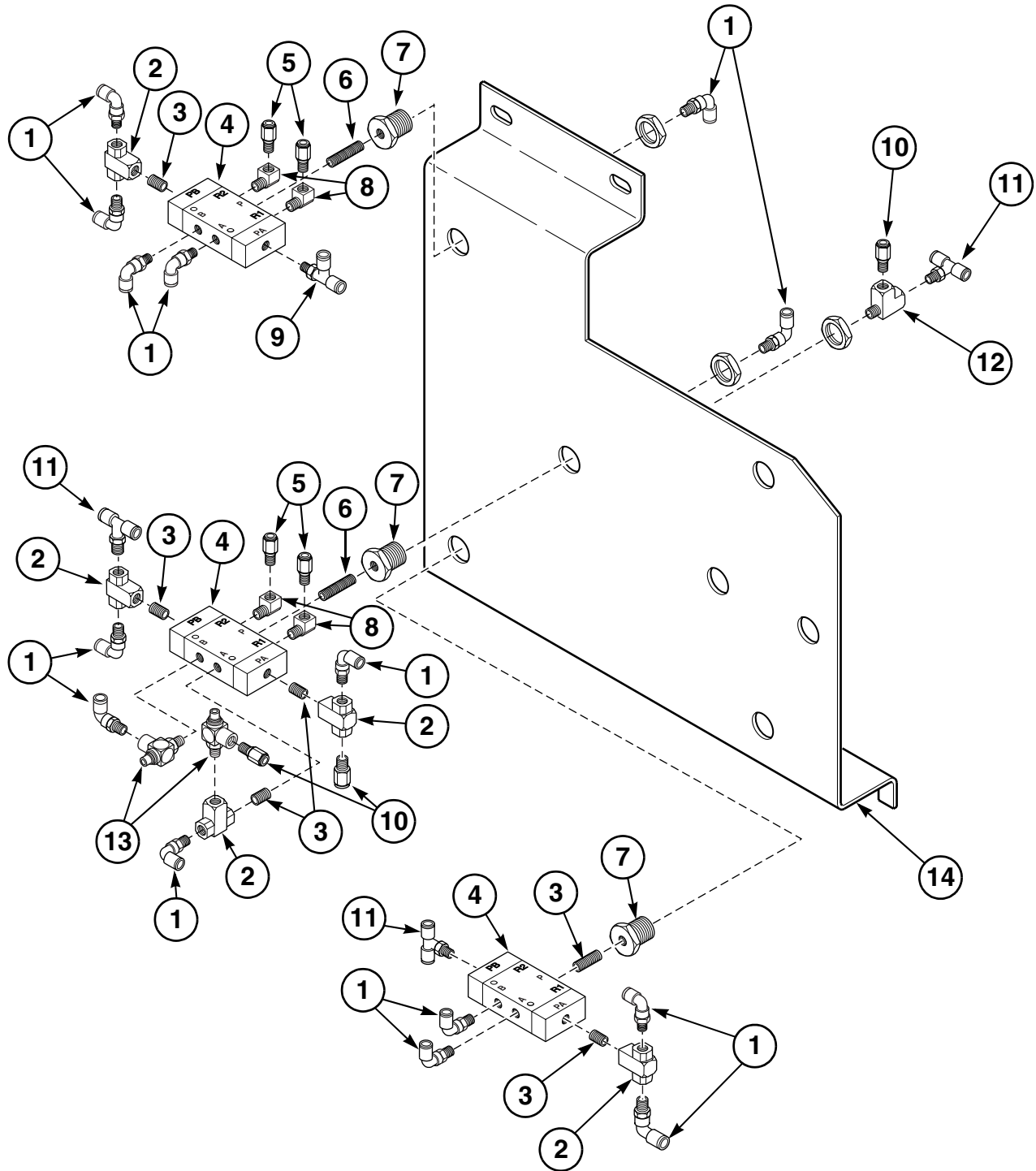


CAB1898P

Operating Valve Assembly (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1555945	Operating Valve Assembly	
1	J1419811	Elbow	
2	J1039858	Plug	3 required
3	J1421981	Regulator	
4	J115175201	Nipple	
5	J1482389	Bulkhead Fitting	1/4 NPT; 6 required
6	J1477959	Pressure Gauge	0-160 psig
7	JC-28235	Elbow	
8	J1460484	Tee	
9	J1437029	Tee	6 required
10	J1548791	Valve Assembly	4-way; Single air piloted; Models starting June 1998; If machine was built through June 1998, order JA-54437 Dump Valve 125A NO
11	J1232313	Nipple	9 required; Models starting June 1998
	JC-19609	Bushing	Models through June 1998
12	J1482389	Bulkhead Fitting	6 required
	J1598911	Bulkhead Fitting	5 required; 1/8 NPT
13	J1438357	Tee	3 required
14	JC-30541	Tee	2 required
	J1266808	Tee	Models starting December 2000
15	J1548783	Valve	4 required; 4-way; Double air piloted
16	J1407741	Elbow	17 required

Operating Valve Assembly (Drawing 2 of 2)



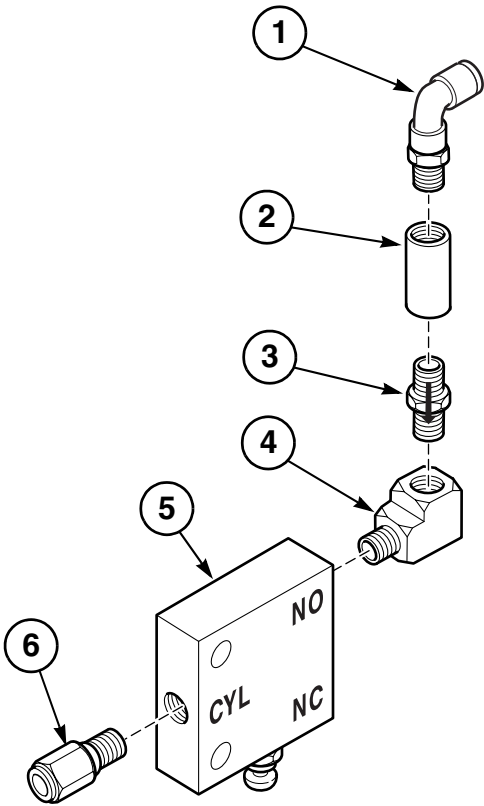
CAB1899P

Operating Valve Assembly (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1555945	Operating Valve Assembly	
1	J1407741	Elbow	17 required
2	JA-53602	Shuttle Valve	5 required
3	J1232313	Nipple	9 required
4	J1548783	Valve	4 required; 4-way; Double air piloted
5	J1548403	Flow Control Valve	4 required
6	J1026103	Nipple	2 required
7	J1598911	Bulkhead Fitting	5 required; 1/8 NPT
	J1482389	Bulkhead Fitting	6 required; 1/4 NPT
8	JC-28317	Elbow	4 required
9	J1438357	Tee	3 required
10	F422101	Coupling	2 required; 1/4 T x 1/8 NPT
	J1463835-00	Connector	1/4 T x 1/4 NPT
11	J1437029	Tee	6 required
12	JC-30541	Tee	2 required; 1/8 NPT; Brass
	J1266808	Tee	1/4 NPT
13	J1455781	Flow Control Valve	2 required; Swivel
14	J1550953	Valve Mounting Bracket	

Collar Block Foot Pedal Base Assembly

Foot Pedal and Collar Block

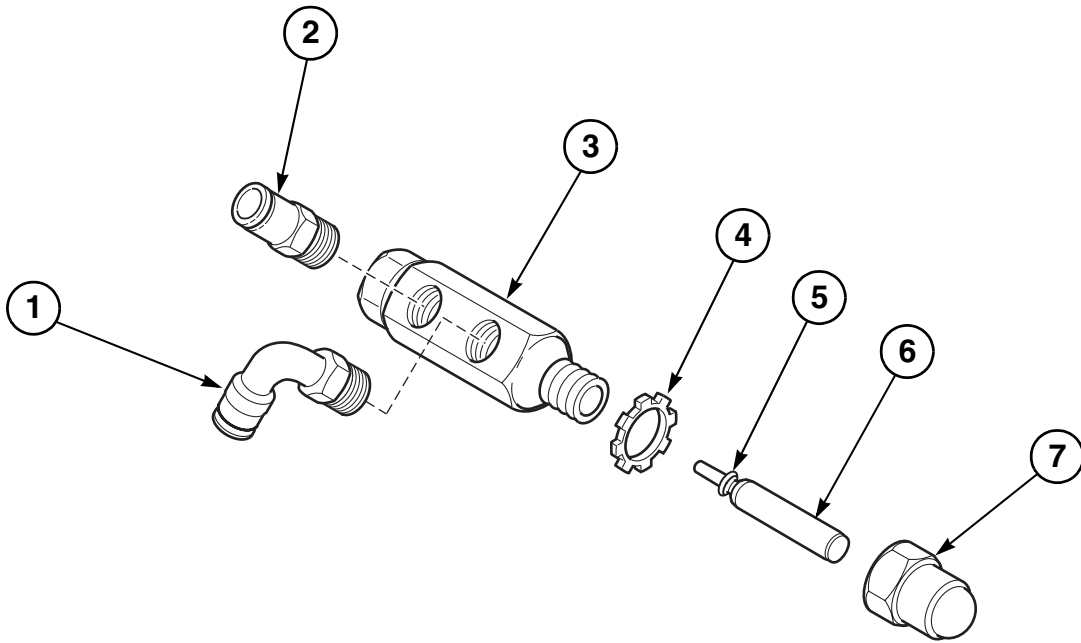


CAB1900P

Collar Block Foot Pedal Base Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1485010	Collar Block Foot Pedal Base Assembly	Includes items 1-6
1	J1407741	Elbow	
2	J1018571	Coupling	
3	JA-54042	Check Valve	
4	J1381623	Elbow	
5	J1142504	Valve	3-way
6	F422101	Coupling	

Reset Valve Assembly

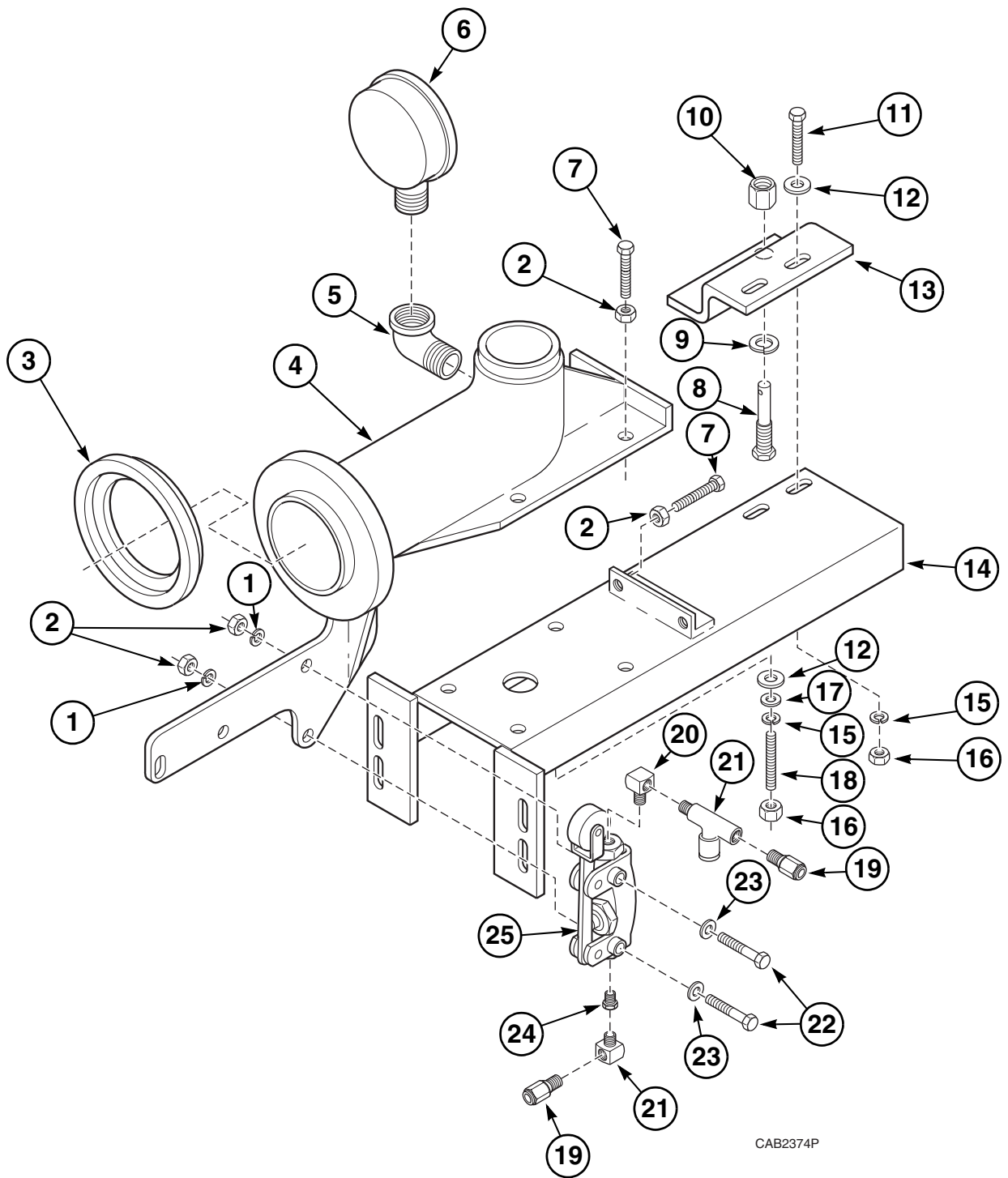


CAB2373P

Reset Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1445303	Reset Valve Assembly	Includes items 1-4, 6 and 7
1	J1407741	Elbow	
2	F422101	Coupling	
3	JA-06430	Valve Body Assembly	
4	JA-52196	Washer	
5	J1403310	O-Ring	
6	J1611417	Valve Stem	Includes item 5
7	JA-00397	Pushbutton Assembly	

Discharge Tube Assembly

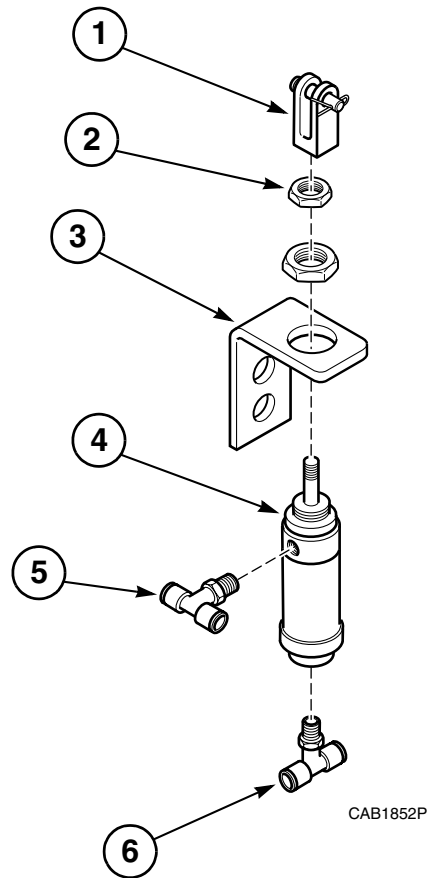


Discharge Tube Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1559244	Discharge Tube Assembly	Includes items 1-25
	N/A	Silicone	Use to bond item 3 to item 4
1	J1185073	Washer	2 required
2	20275	Nut	8 required
3	J1471531	Gasket	Discharge flange
4	JA-23305	Discharge Tube	
5	J1231521	Elbow	
6	JA-51283	Air Gauge	
7	JA-54156	Screw	6 required
8	JA-22763	Cylinder Mounting Pin	
9	91200	Washer	
10	J1000850	Nut	
11	430648	Screw	2 required
12	M400081	Washer	3 required
13	J1614916	Index Cylinder Plate	
14	J1545367	Discharge Tube Weldment	
15	M400014	Washer	3 required
16	20274	Nut	3 required
17	J1178391	Washer	
18	JA-51951	Screw	
19	F422101	Coupling	
20	J1438357	Tee	
21	J1381623	Elbow	2 required
22	JA-50128	Screw	2 required
23	JC-80583	Washer	2 required
24	JC-19609	Bushing	2 required
25	JA-53892	Roller Valve	

N/A = Part no longer available

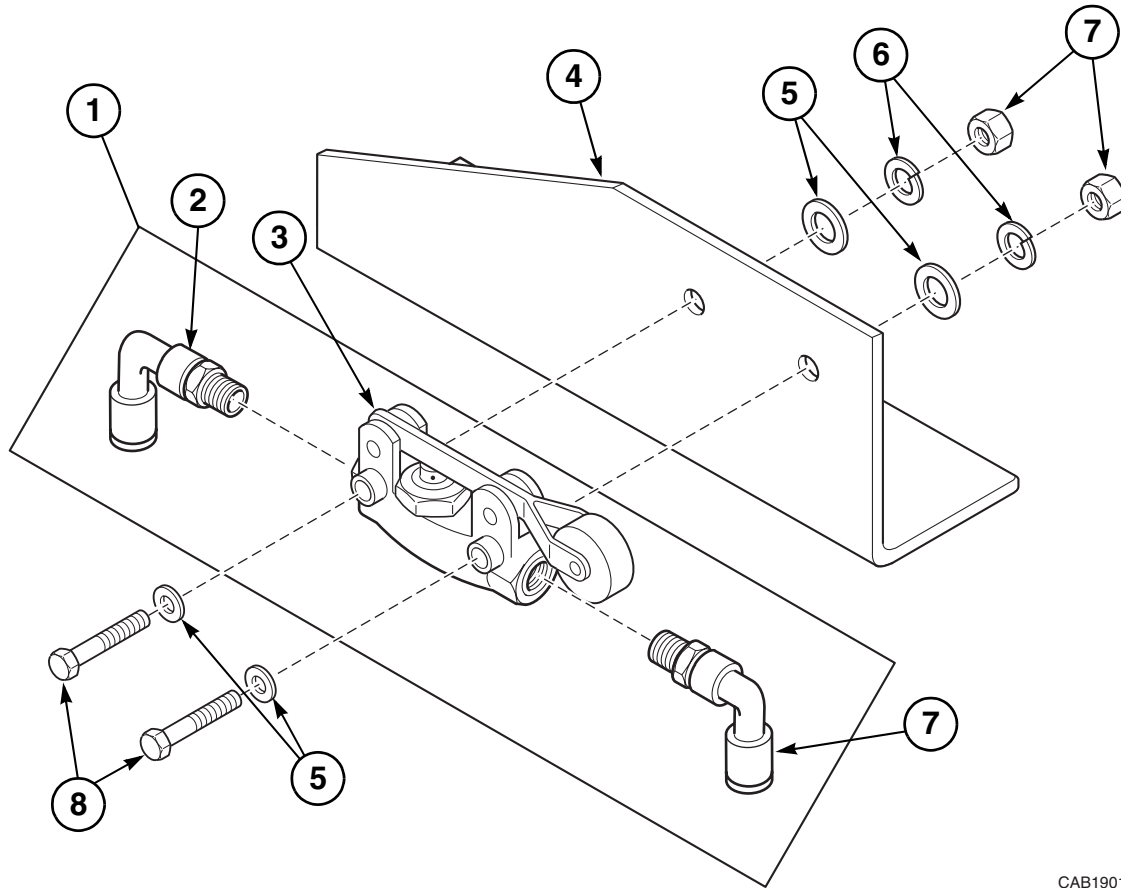
Discharge Box Cylinder Assembly



Discharge Box Cylinder Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1559186	Discharge Box Cylinder Assembly	Includes items 1-6
1	J1561430	Clevis	
2	JC-48220	Nut	
3	J1554062	Cylinder Discharge Box Bracket	
4	J1561422	Discharge Box Cylinder	Double air piloted; Includes nut
5	J1438357	Tee	
6	J1437029	Tee	

Buck Out Valve Assembly

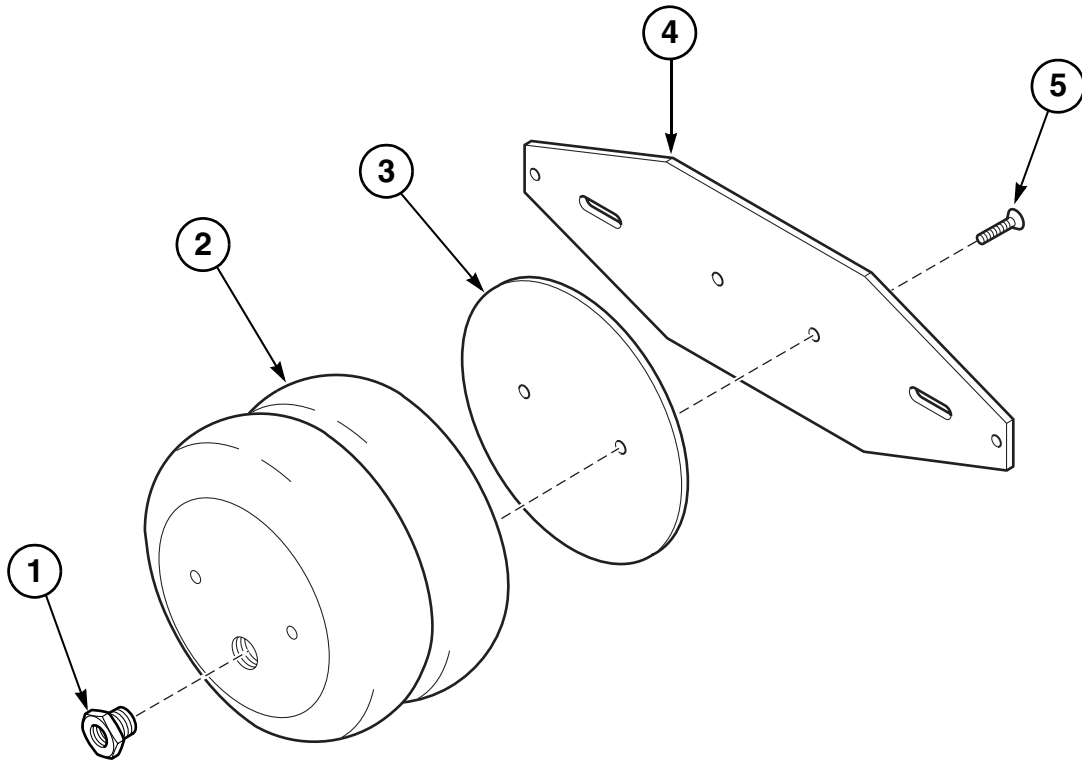


CAB1901P

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	Elbow	2 required
3	JA-53892	Roller Valve	3-way
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

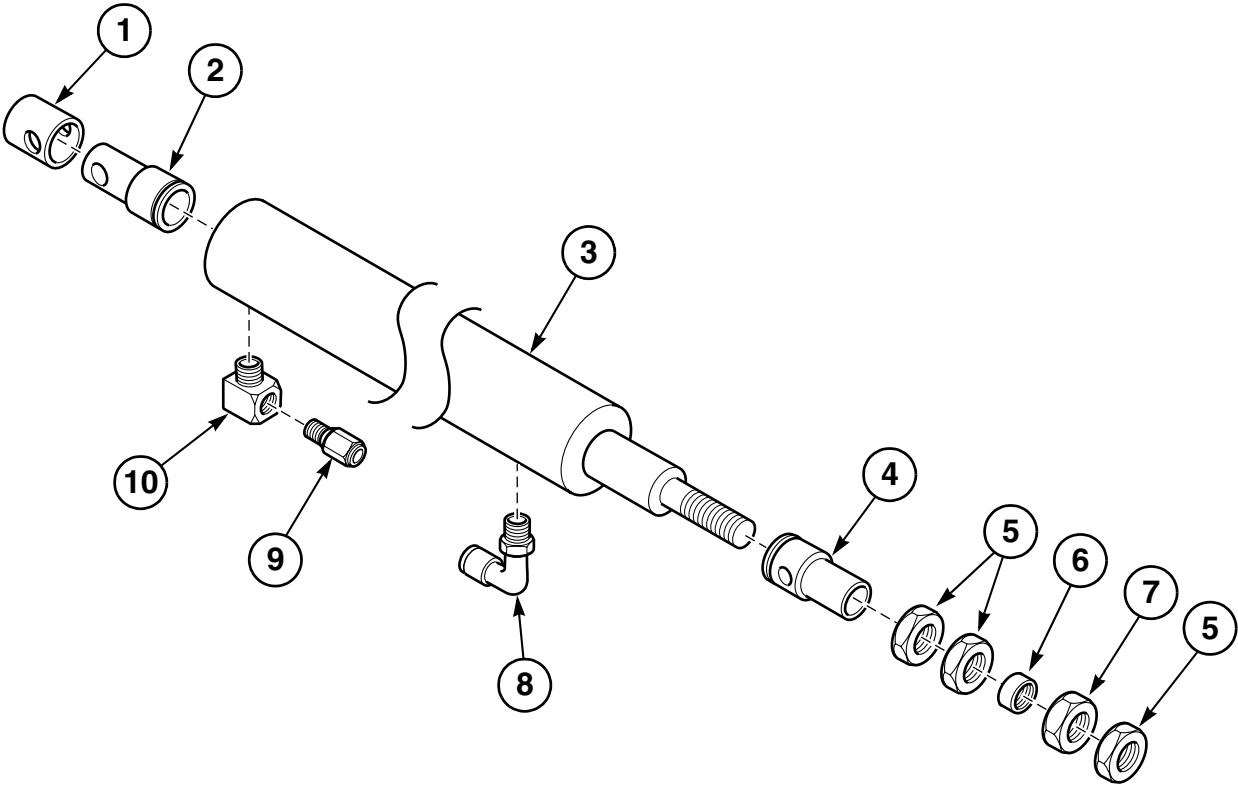


CAB1902P

Air Bag Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1559194	Air Bag Assembly	Includes items 1-5
1	J1161140	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

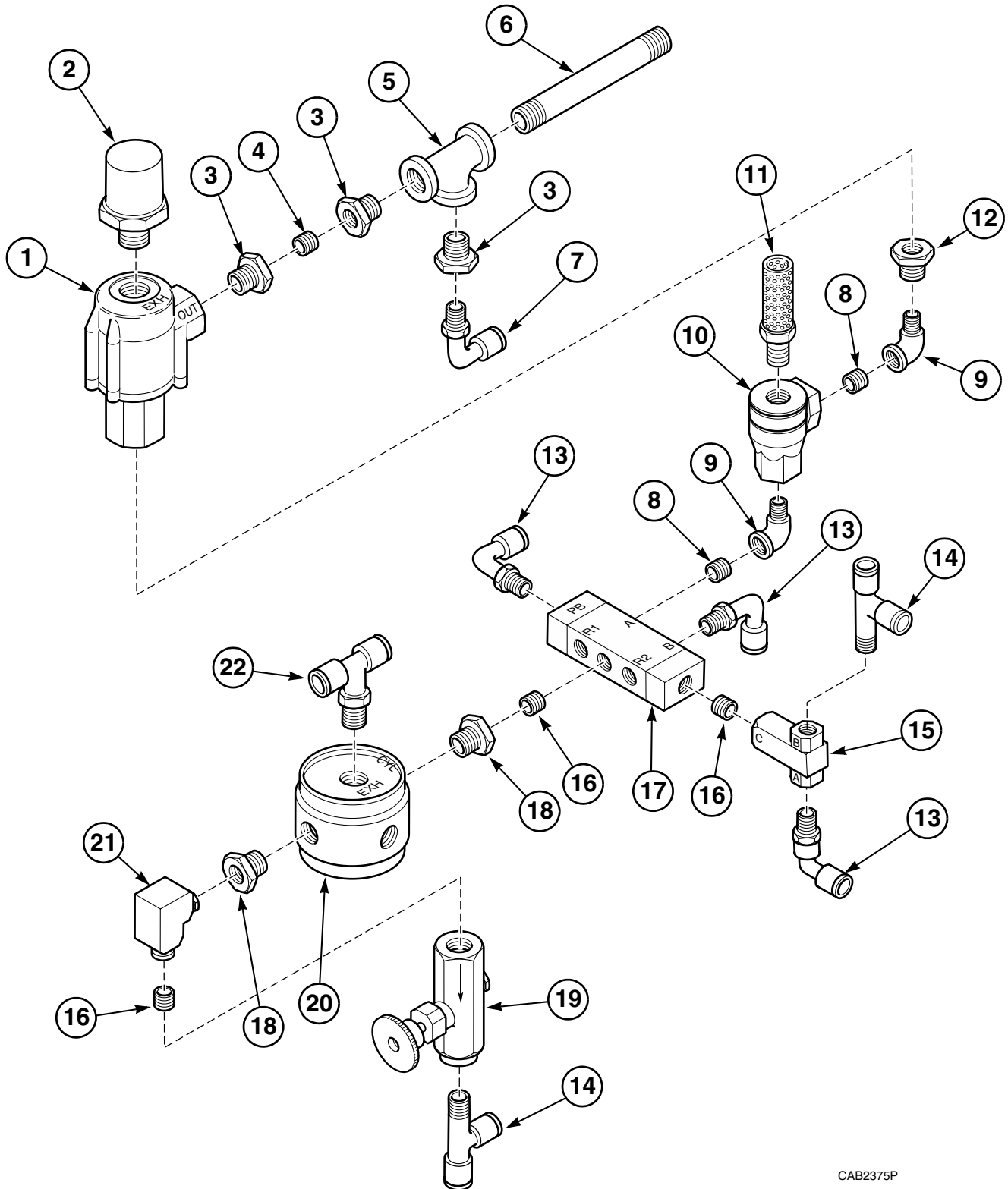


CAB1903P

Indexing Cylinder Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1457290P	Indexing Cylinder Assembly	With hardware; Includes items 1-10
	J1457308	Cylinder Repair Kit	
1	J1457324	Cylinder Mounting Adapter	
2	J1457332	Rear Cylinder Head	
3	J1457290	Indexing Cylinder Assembly	
4	J1457316	Front Cylinder Head	
5	JA-51474	Nut	3 required
6	JA-15762	Bushing	
7	JC-48229	Nut	
8	J1407741	Elbow	2 required
9	F422101	Coupling	
10	J1381623	Elbow	

Rear Head Closing Control Assembly



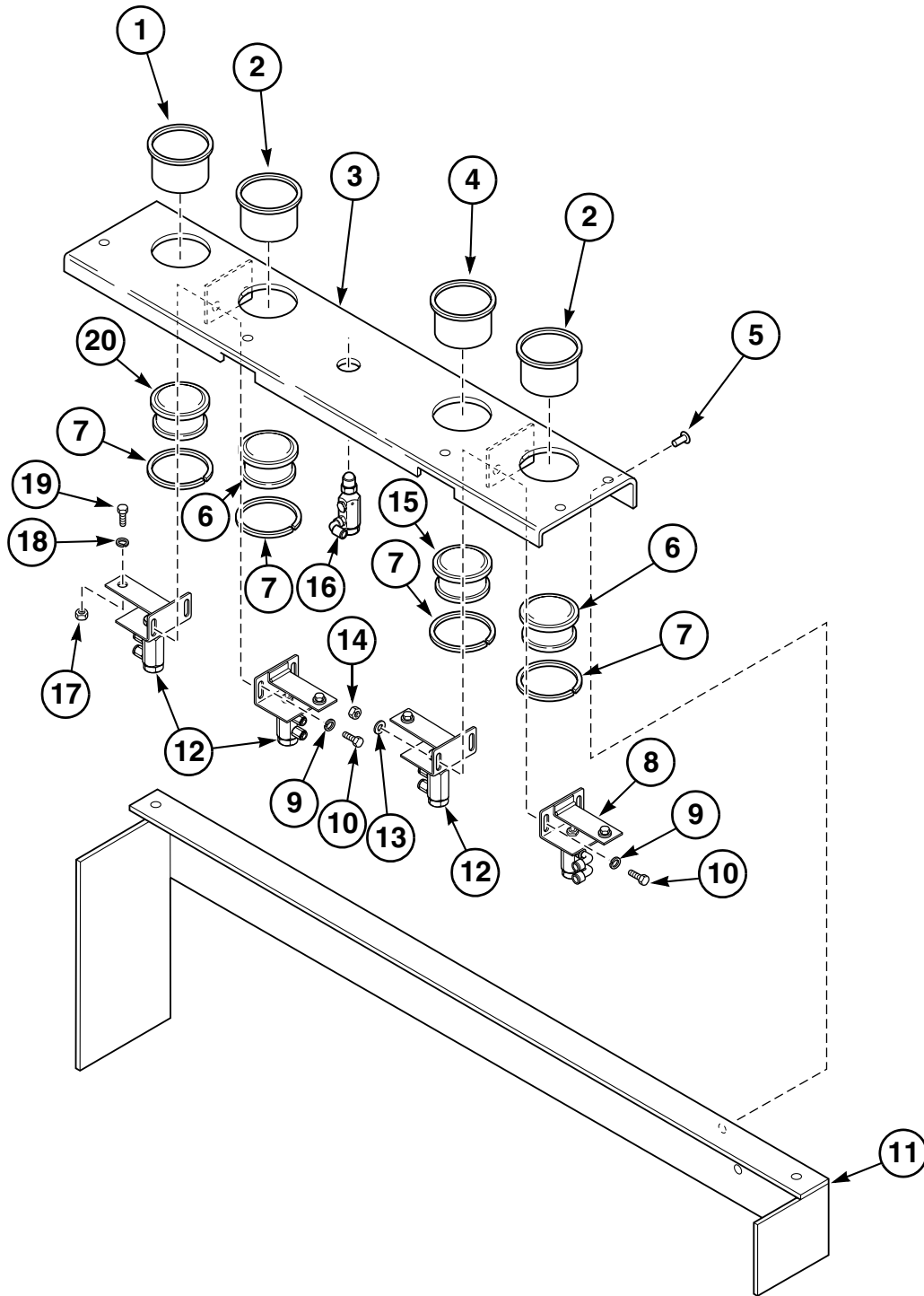
CAB2375P

Rear Head Closing Control Assembly

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

Operating Control Assembly (Drawing 1 of 3)

Models Through October 2003



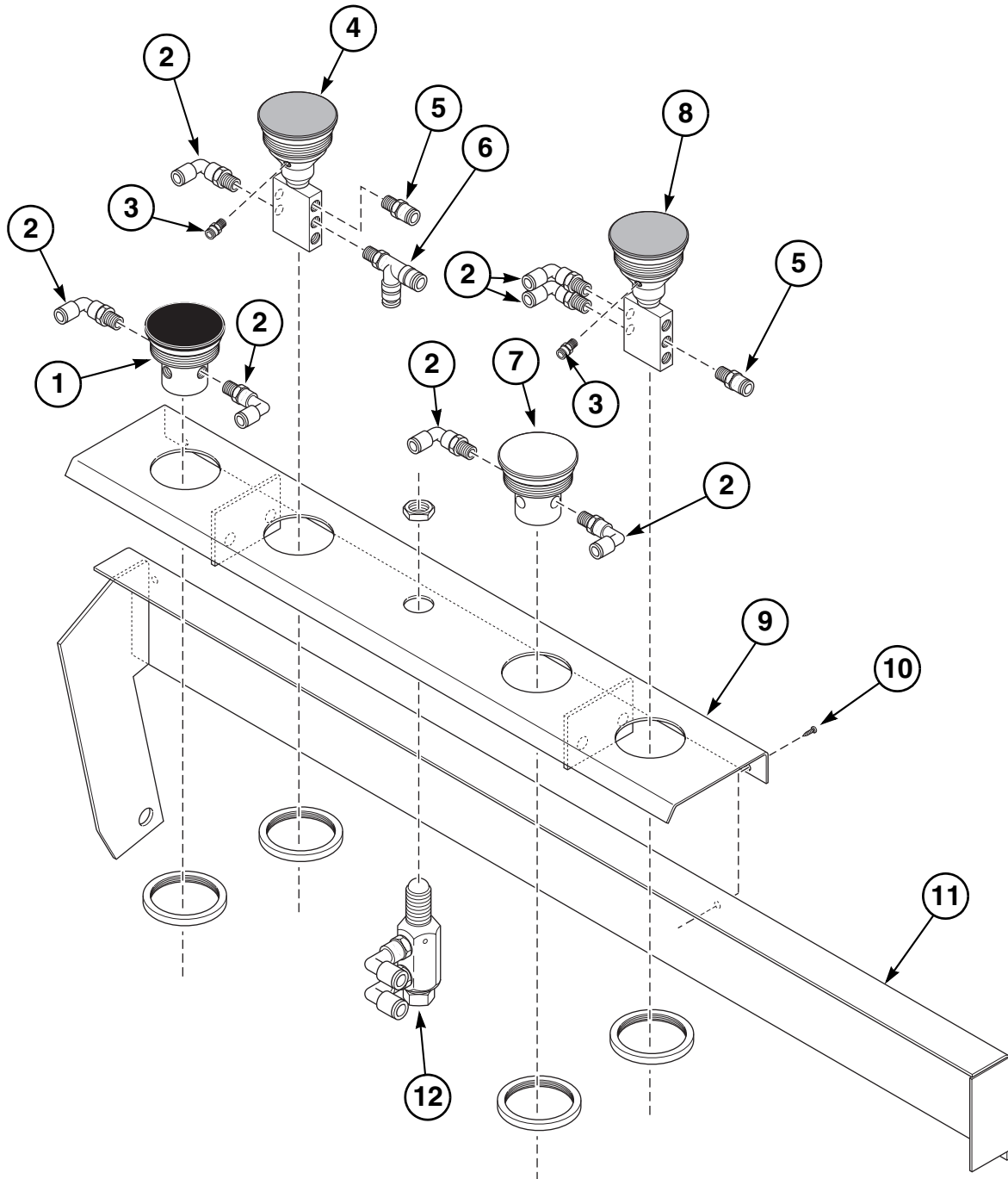
CAB1905P

Operating Control Assembly (Drawing 1 of 3)

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	Locking 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	JC-80759	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 Assembly	Black

Operating Control Assembly (Drawing 2 of 3)

Models Starting October 2003



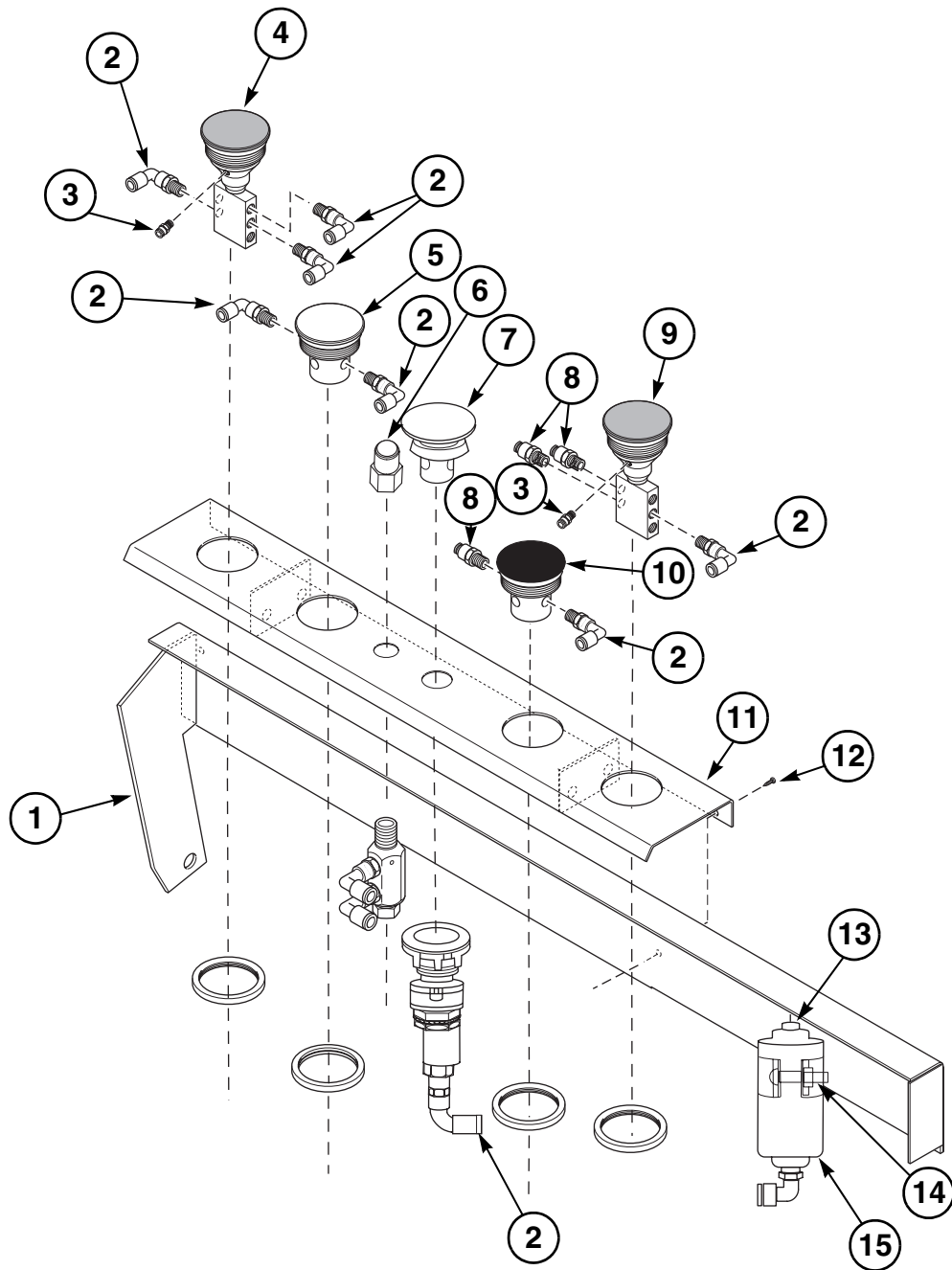
CAB2193P

Operating Control Assembly (Drawing 2 of 3)

REF	PART NO.	DESCRIPTION	COMMENTS
	J200013800	Operating Control Assembly	Includes items 1-12
1	J200012400	Black Pushbutton	3-way valve
2	J1407741	Elbow	7 required
3	J0140961-00	Connector	2 required
4	J200012600	Gray Pushbutton	4-way valve
5	F422101	Coupling	2 required
6	J1438357	Tee	
7	J200012300	Red Pushbutton	3-way valve
8	J200012700	Gray Pushbutton	4-way valve
9	J1520915	Pushbutton Cover	
10	J1111095	Screw	2 required
11	J1545235	Control Console Weldment	
12	J1555978	Sleeve Holder Valve Assembly	Refer to <i>Sleeve Holder Valve Assembly</i> section for parts breakdown

Operating Control Assembly (Drawing 3 of 3)

CE Models

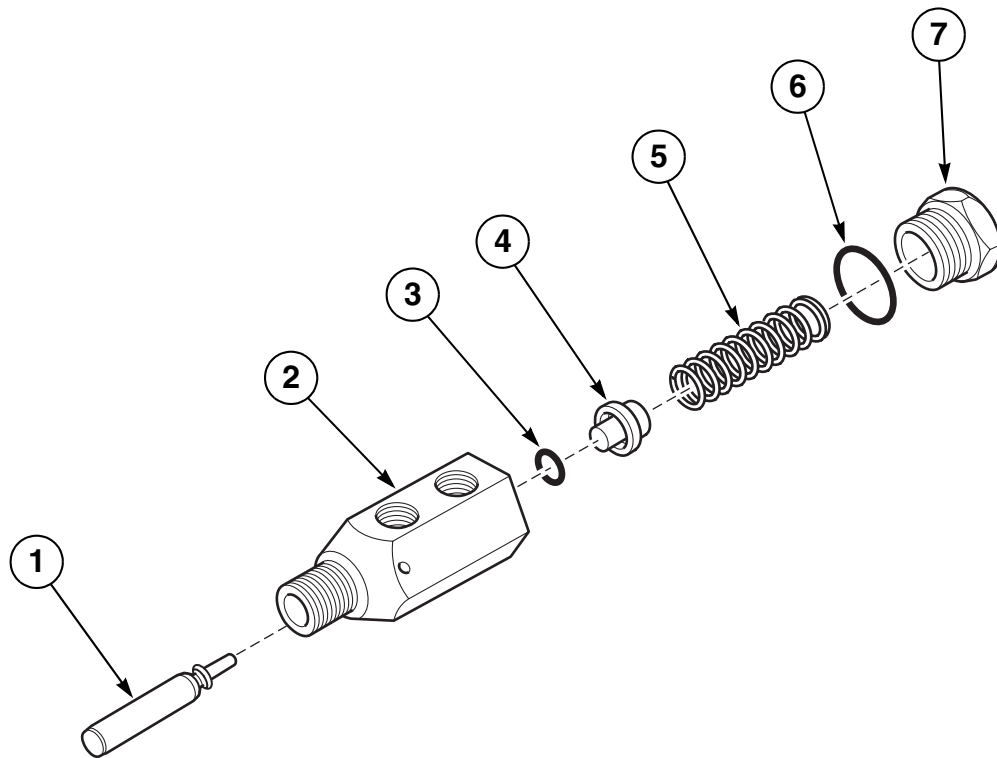


CAB2409P

Operating Control Assembly (Drawing 3 of 3)

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	Elbow	8 required
3	J0140961-00	Connector	2 required
4	J200012600	Gray Pushbutton	
5	J200012300	Red Pushbutton	
6	J1555978	Sleeve Holder Valve Assembly	Refer to <i>Sleeve Holder Valve Assembly</i> section for parts breakdown
7	J1635069	E-Stop Button Assembly	Refer to <i>E-Stop Button Assembly</i> section for parts breakdown
8	F422101	Coupling	3 required
9	J200012700	Gray Pushbutton	
10	J200012400	Black Pushbutton	
11	J1637255	Pushbutton Cover	
12	J1111095	Screw	5 required
13	J0380820-00	Plug	
14	JC-35100	Conduit Hanger	
15	J1633148	Reservoir	

Valve Body Assembly



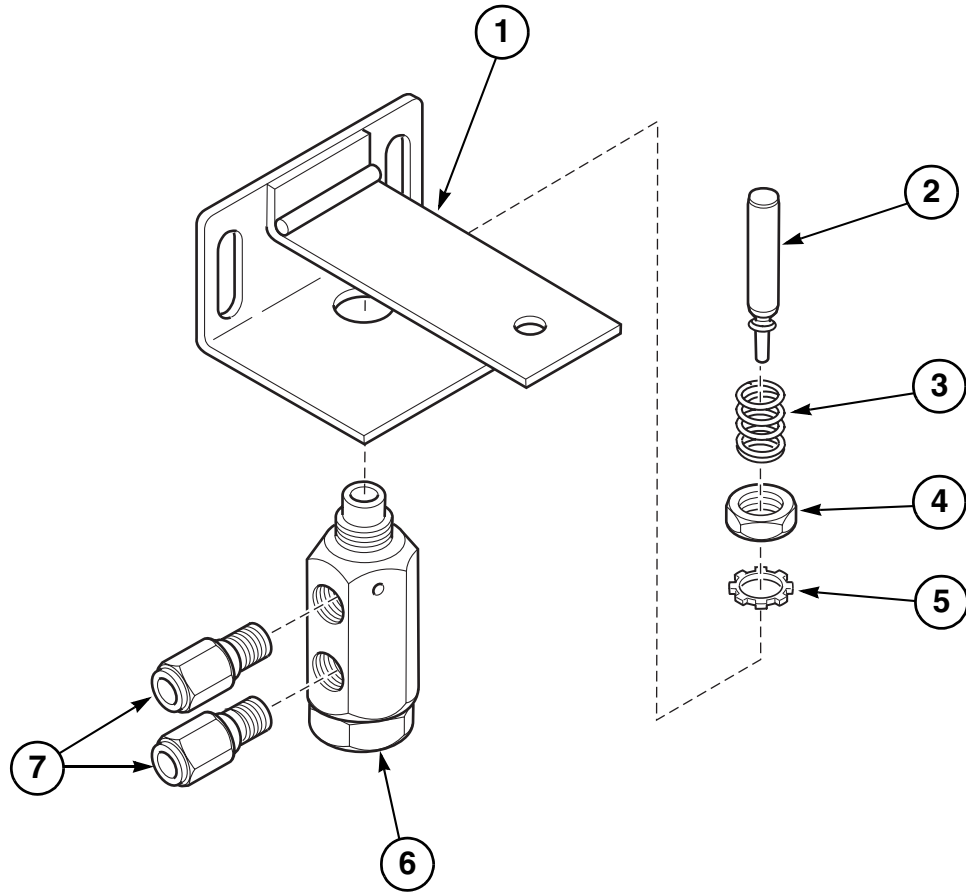
SCR1842P

Valve Body Assembly

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

Valve and Bracket Assembly (Drawing 1 of 2)

Models Through October 2003



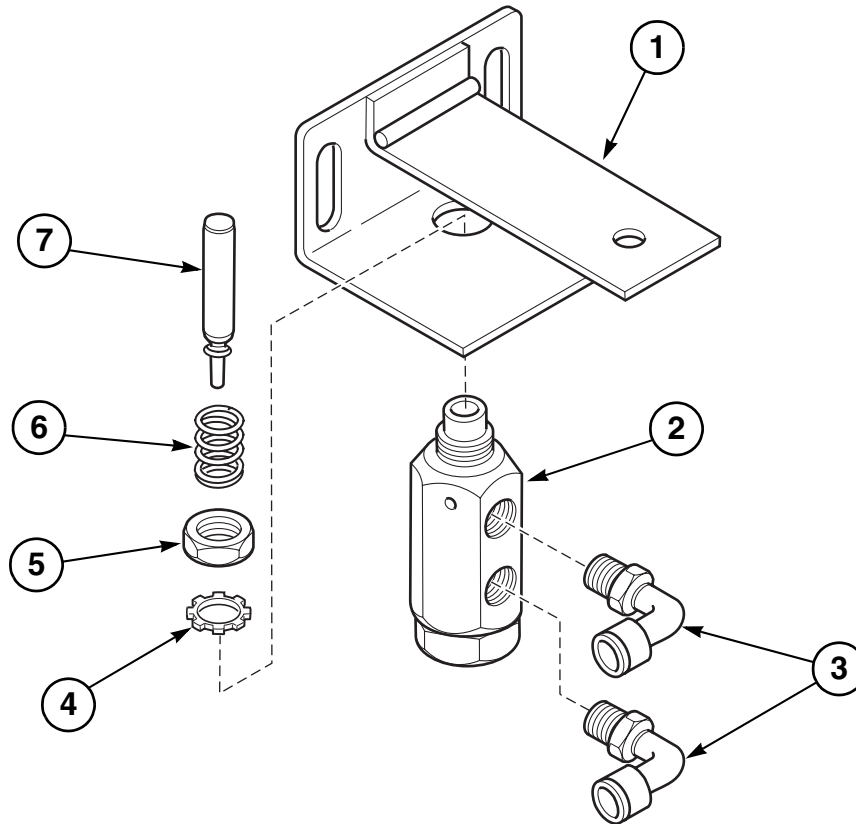
CAB2376P

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	
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	F422101	Coupling	2 required

Valve and Bracket Assembly (Drawing 2 of 2)

Elbows
Models Through October 2003

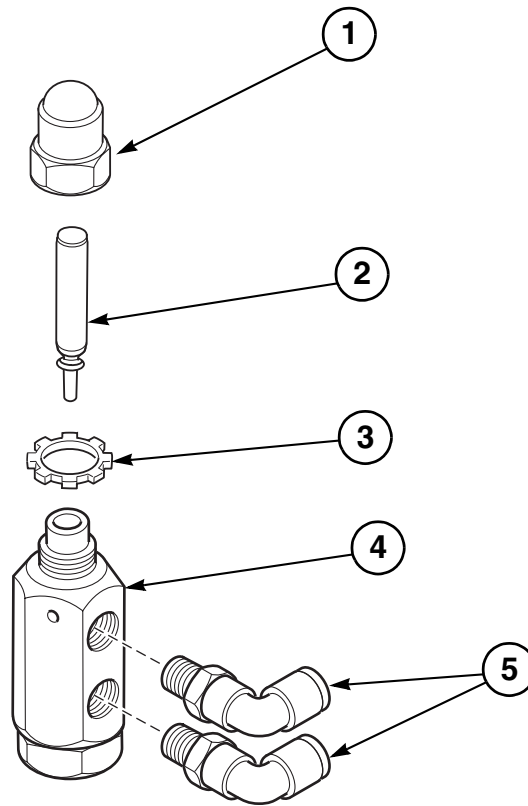


CAB2377P

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	Elbow	2 required
4	JA-52196	Washer	
5	JA-12900	Nut	
6	JA-50447	Spring	
7	J1611417	Valve Stem	

Sleeve Holder Valve Assembly

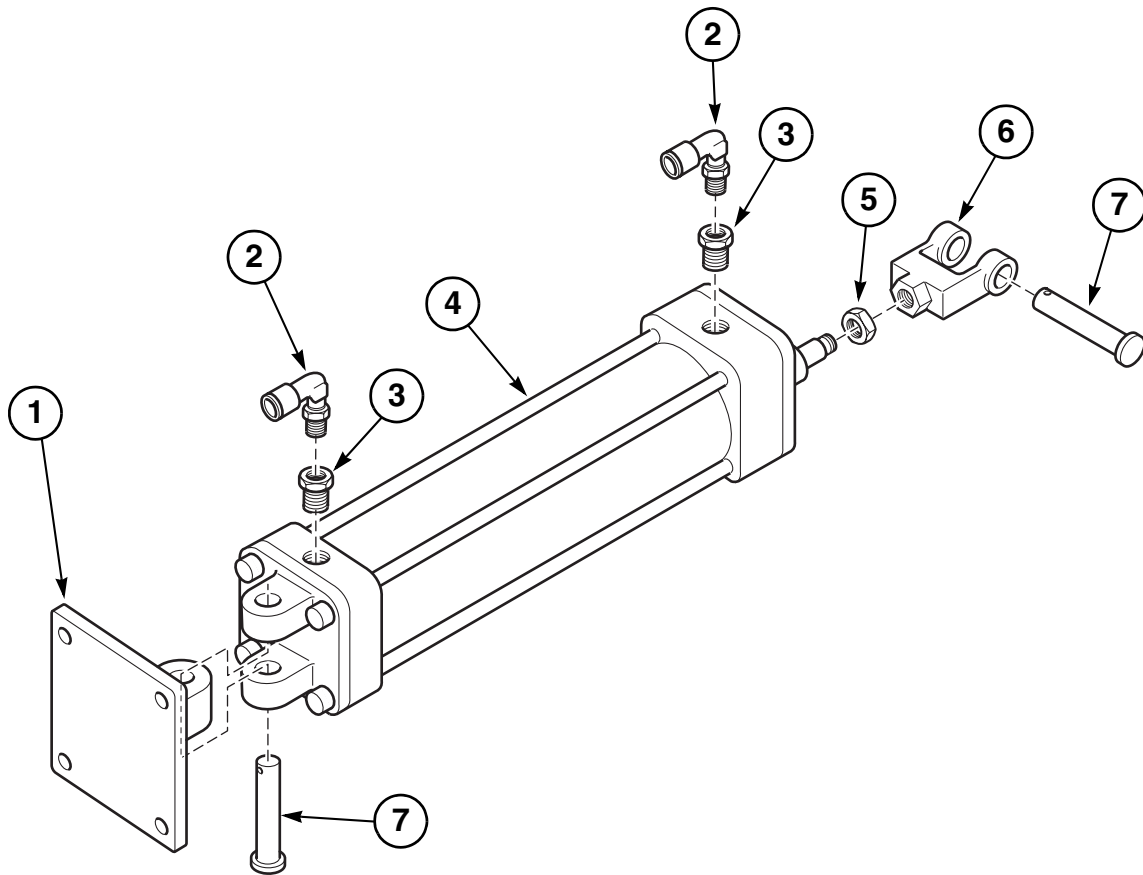


CAB2378P

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	
3	JA-52196	Washer	
4	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown
5	J1407741	Elbow	2 required

Front Head Closing Cylinder Assembly

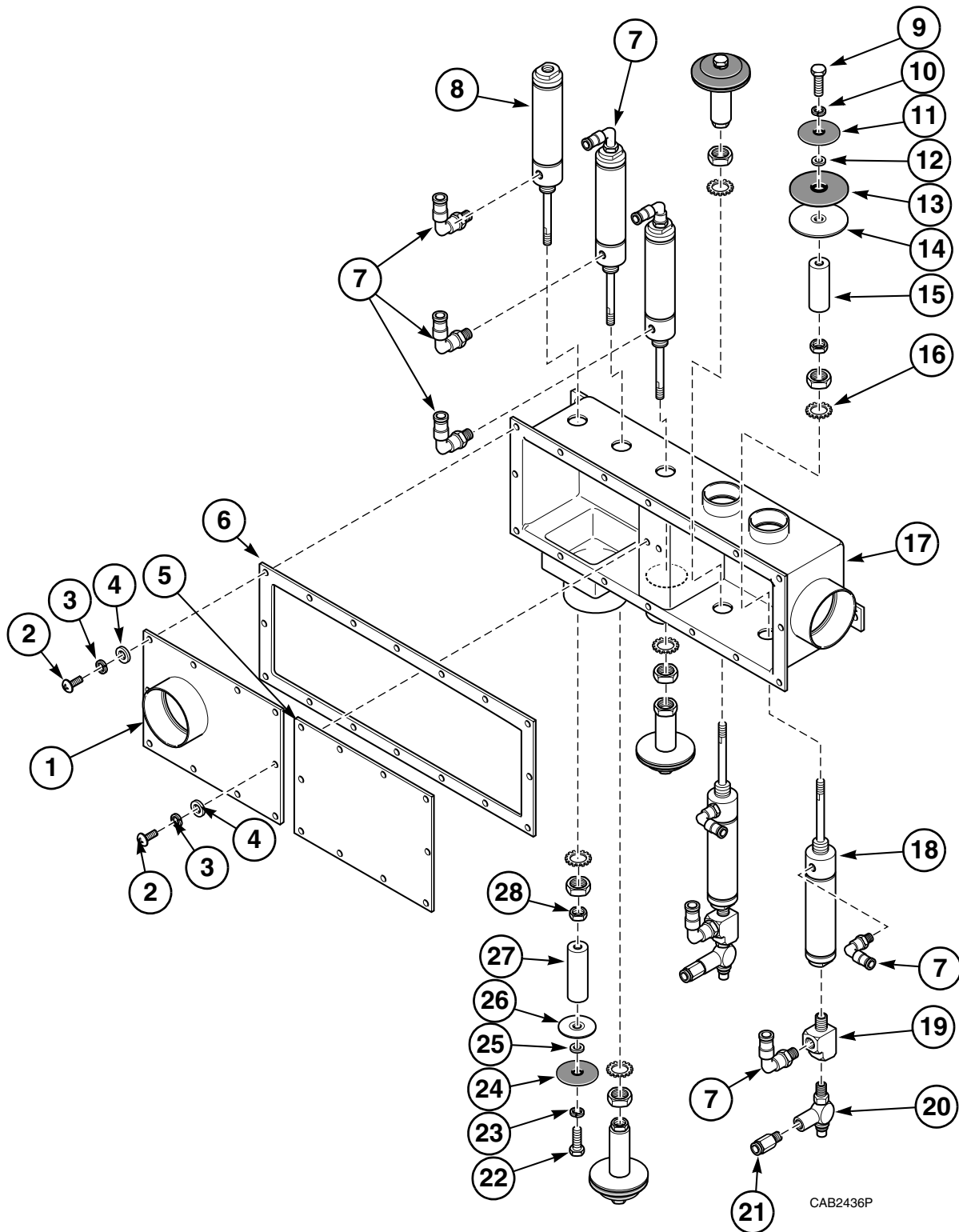


CAB1908P

Front Head Closing Cylinder Assembly

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

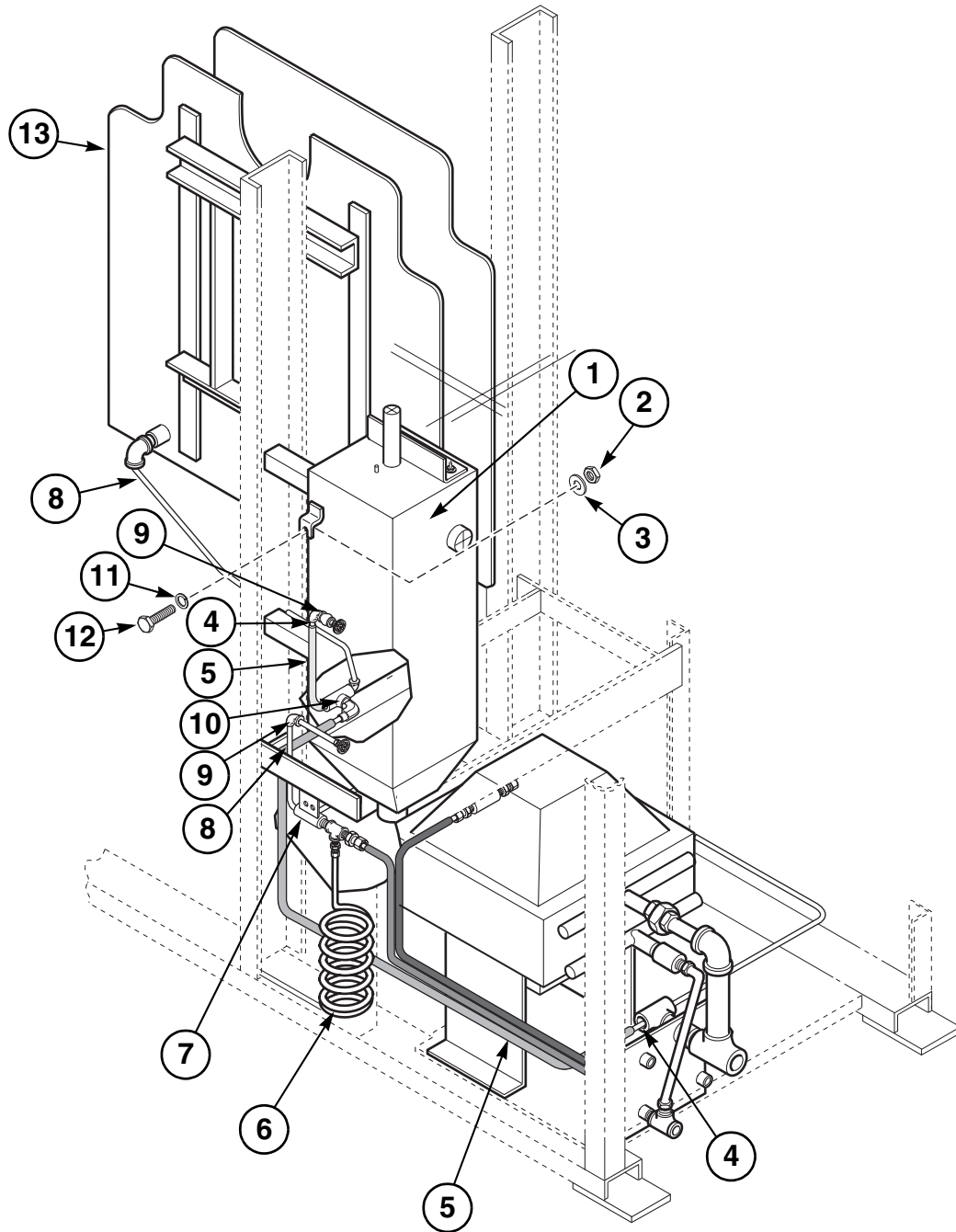
Damper Box Assembly



Damper Box Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1561158	Damper Box Assembly	Includes items 1-27
1	J1521020	Damper Box Cover	
2	JC-61269	Screw	20 required
3	J1000975	Washer	20 required
4	JC-80759	Washer	20 required
5	J1523604	Damper Box Cover	
6	J1521004	Gasket	
7	J1407741	Elbow	9 required
8	J1366269	Damper Box 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 Coupling	4 required
16	J1338565	Washer	5 required
17	J1561166	Damper Box Weldment	
18	J1561240	Air Cylinder	4 required; Includes 2 nuts
19	JC-30541	Tee	2 required
20	J1455781	Flow Control Valve	2 required; Swivel
21	F422101	Coupling	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	Coupling	
28	JC-48289	Nut	5 required

Steam System – Front

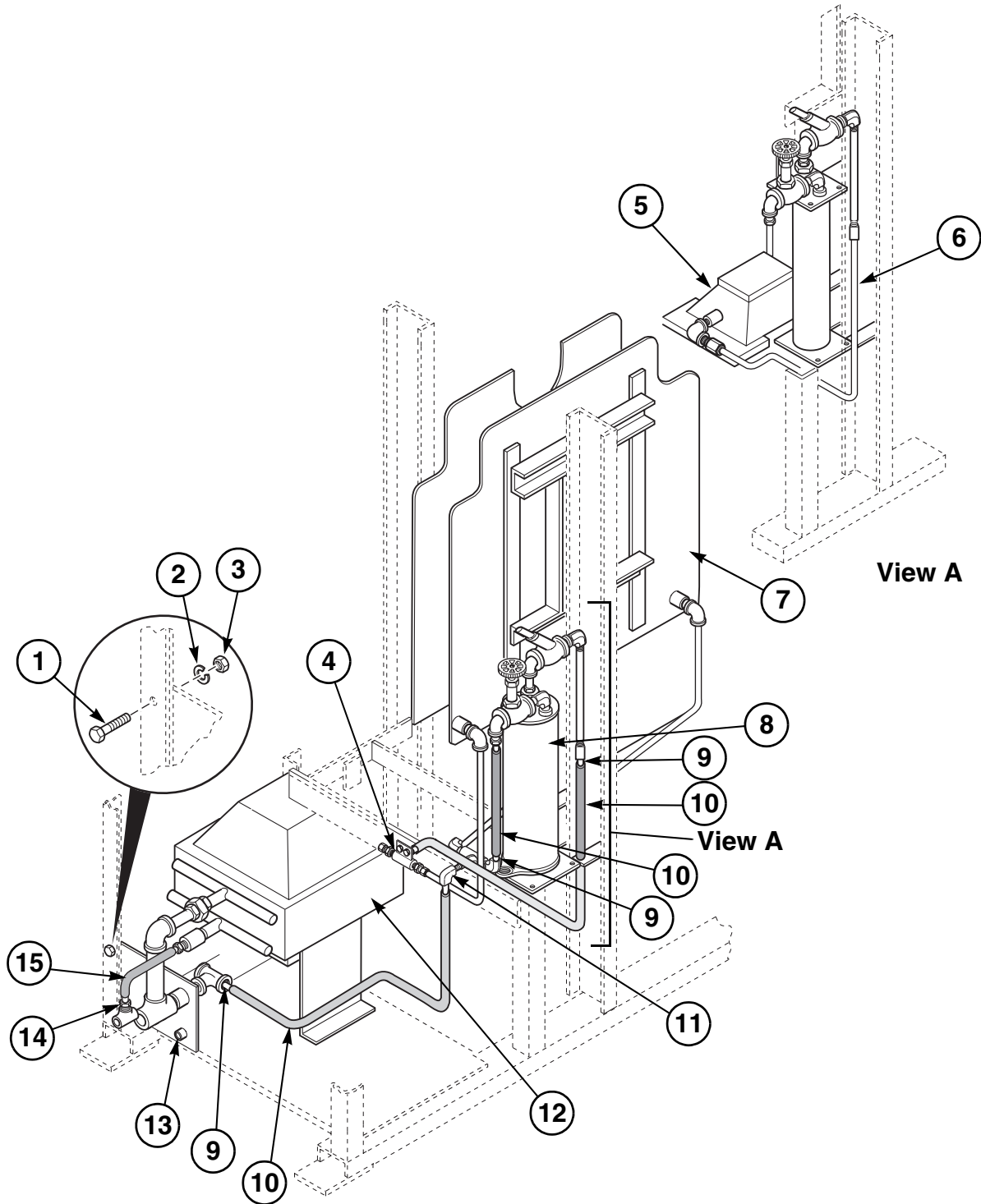


CAB1910P

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 OD
5	JM-90527	Insulation	34 feet required in whole system
6	J1471234	Condenser Coil	
7	J1559251	Steam Manifold Assembly	Coil; Refer to <i>Steam Manifold Assembly</i> section for parts breakdown
8	J1319268	Steam Hose	4 required in whole system
9	JC-30454	Elbow	2 required
10	J1559277	Steam Manifold Assembly	Front Head; Refer to <i>Steam Manifold Assembly</i> section for parts breakdown
11	M400013	Washer	
12	91202	Screw	
13	J1550771	Front Head Assembly	Refer to <i>Front Head Assembly</i> section for parts breakdown

Steam System – Rear

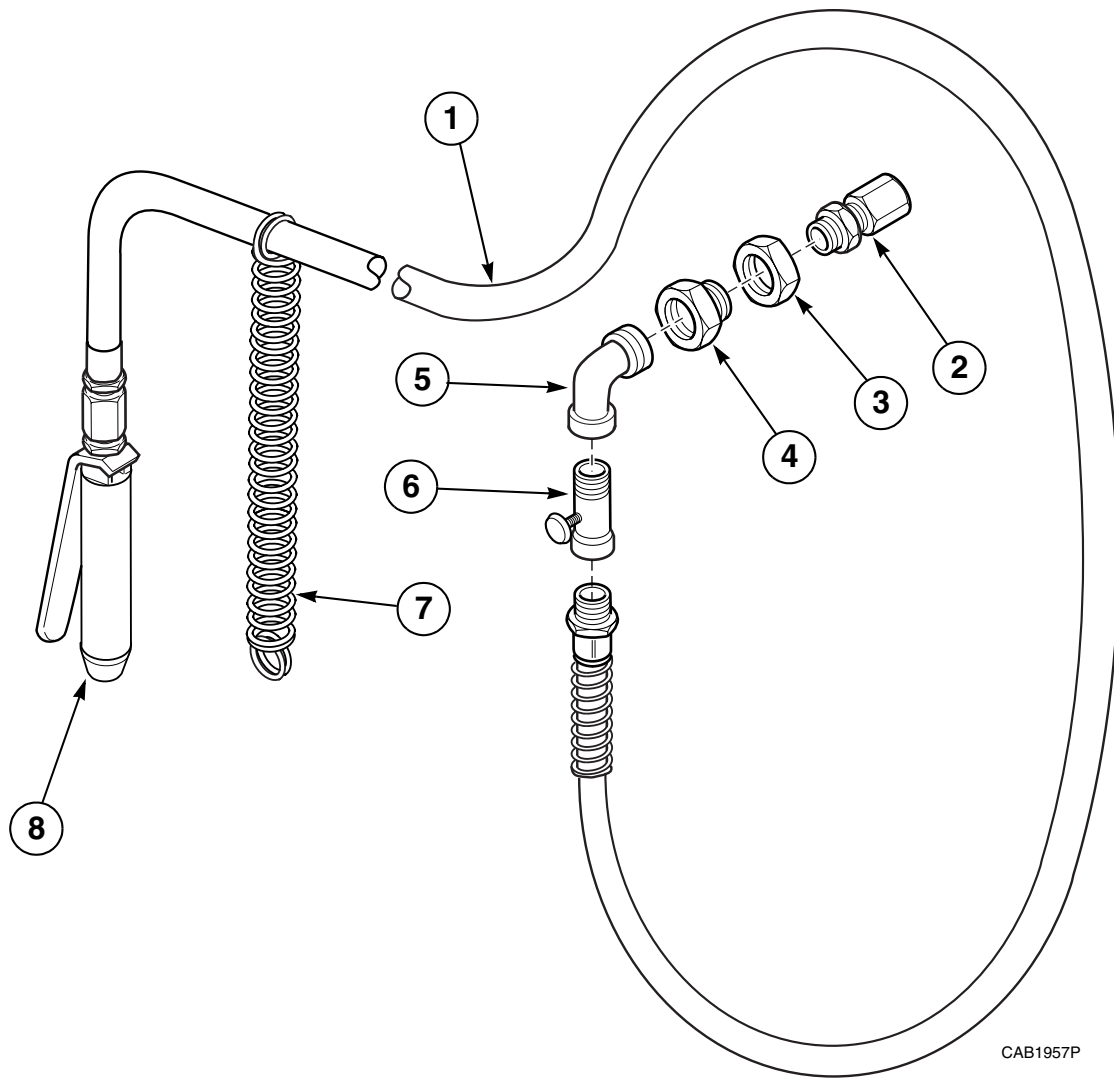


CAB1911P

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	Hose	
7	J1550763	Rear Head Assembly	Refer to <i>Rear Head 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 OD
10	JM-90527	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 OD
15	J200100300	Insulation	Use as required

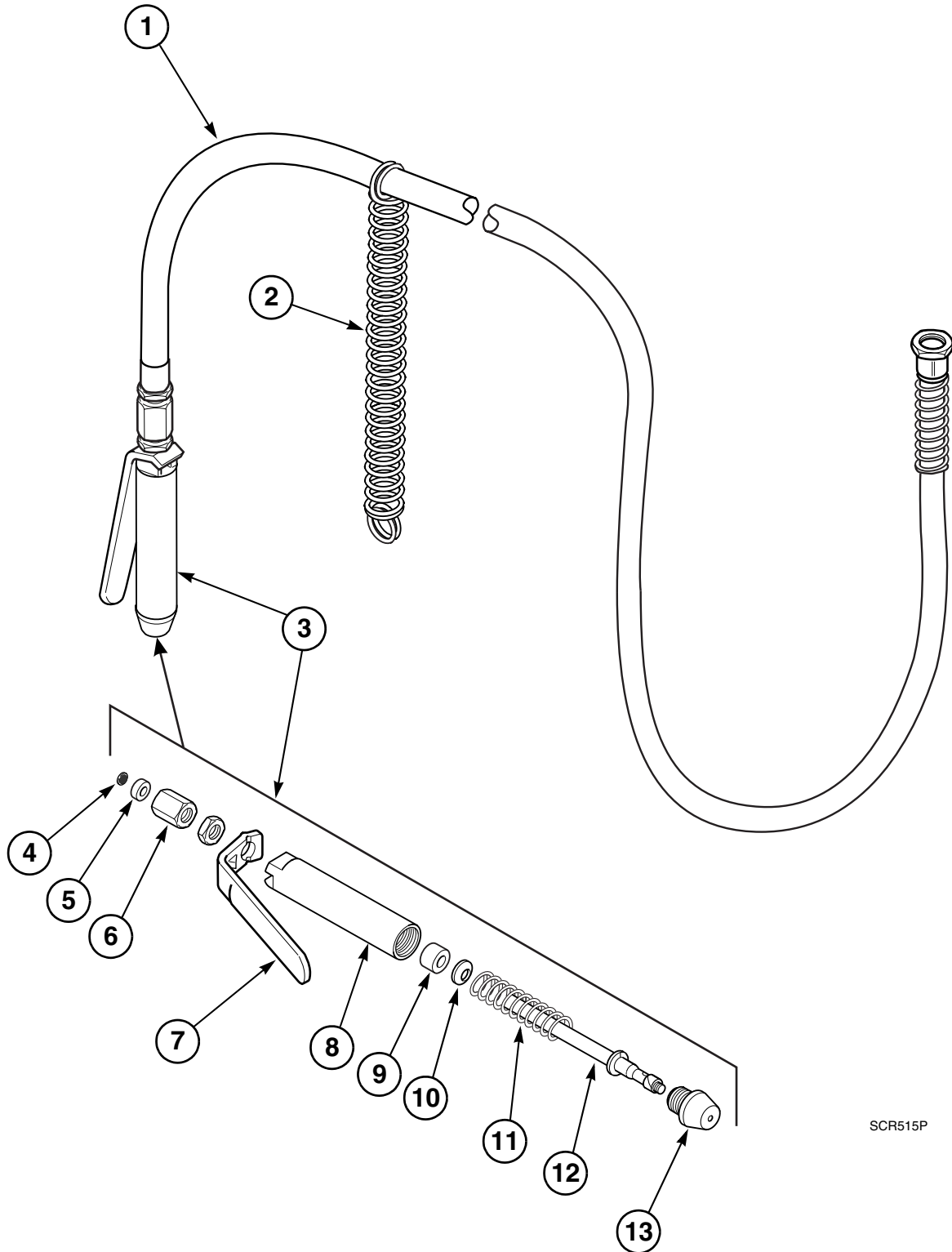
Spray Gun Assembly



Spray Gun Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-04809	Spray Gun Assembly	Includes items 1-8
	JA-23002	Spray Gun Bracket	Use JA-52426 Screw, J1185073 Lockwasher and 20275 Nut to attach
1	JA-51793	Hose Assembly	
2	J1151661	Connector	
3	M400022	Nut	
4	JA-12007	Coupling	
5	JA-54494	Elbow	
6	J1246024	Needle Valve	
7	JA-52160	Spring	Extension; Use JA-50394 Screw, J1185073 Lockwasher and 20275 Nut to attach
8	JA-51110	Water Gun Assembly	Refer to <i>Water Gun Assembly</i> section for parts breakdown

Water Gun Assembly

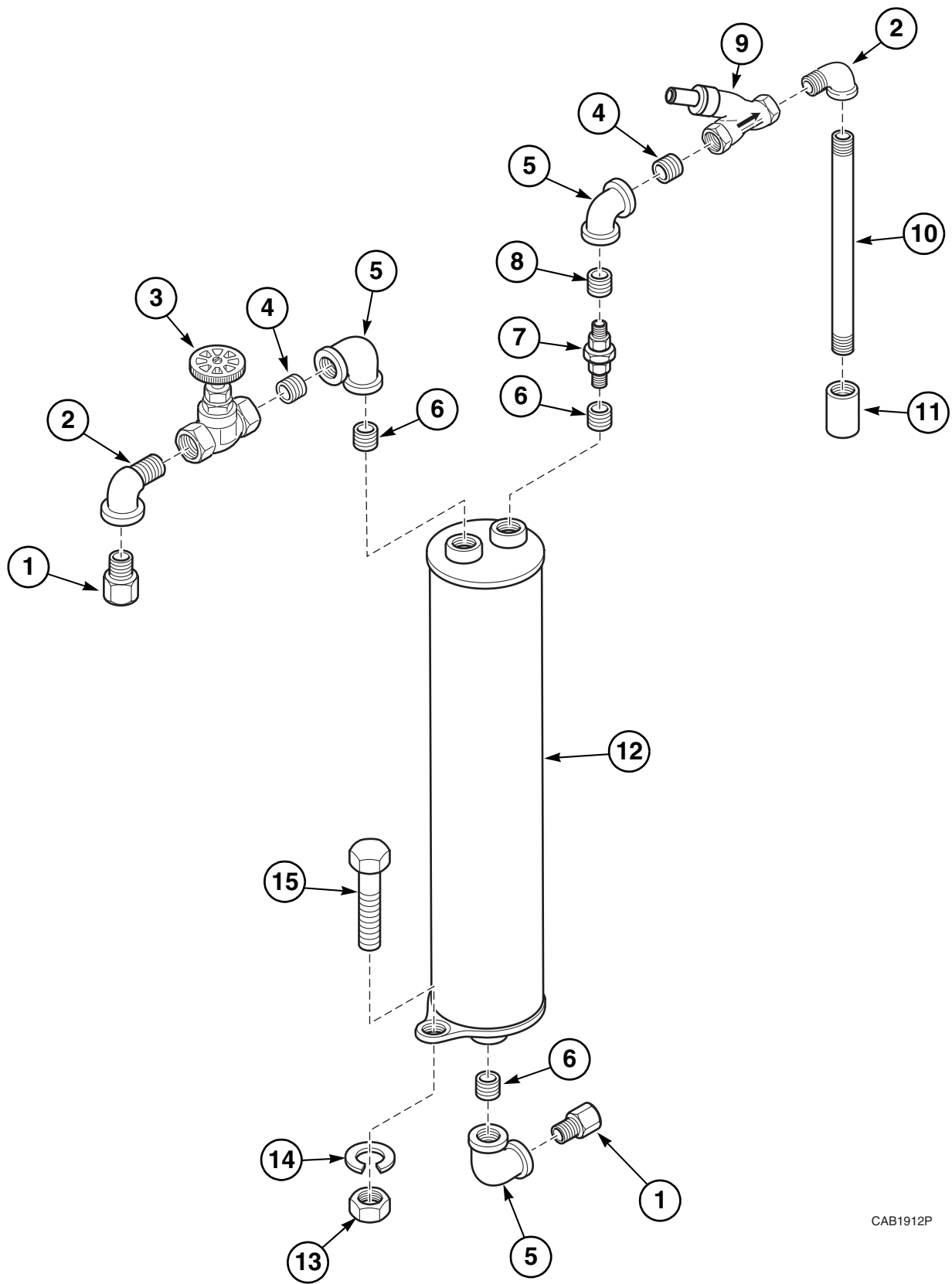


SCR515P

Water Gun Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-51110	Water Gun Assembly	Includes items 1 through 13
	J1010-000124	Water Gun Repair Kit	Includes items 4, 5, 9, 11, 12 and 13
1	JA-51793	Hose Assembly	
2	JA-50949	Spring	Suspension; Use to attach hose to cabinet
3	JA-51792	Water Gun	Includes items 4 through 13
4	JA-50640	Filter Screen	
5	JA-50649	Coupling Packing	
6	JA-50639	Coupling	
7	JA-50638	Handle	
8	JA-50633	Body	
9	JA-50646	Packing	
10	JA-50647	Washer	Brass
11	JA-50648	Spring	Compression
12	JA-50645	Stem and Seat Assembly	
13	JA-50641	Nozzle	

Condenser Tank Assembly

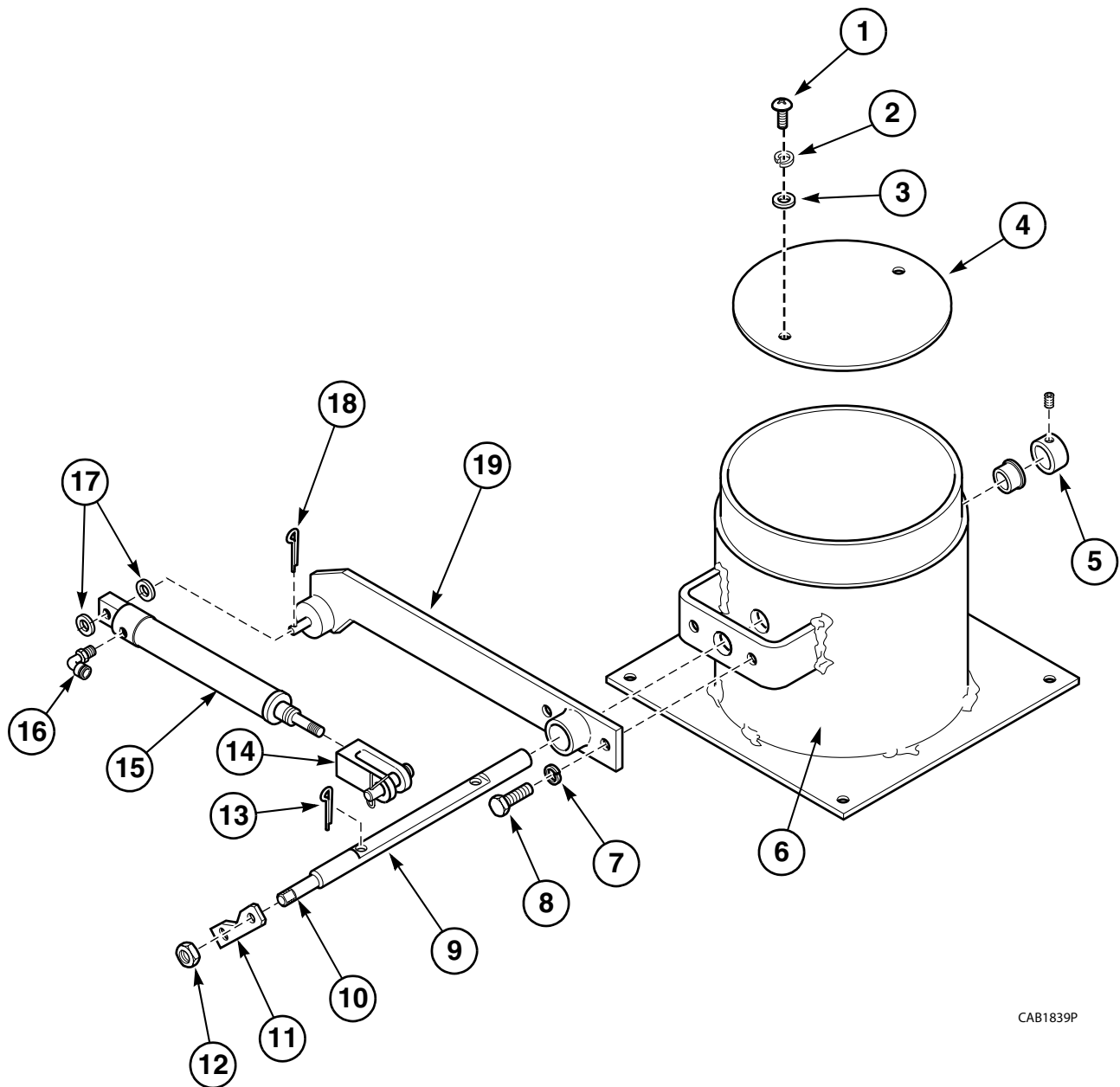


CAB1912P

Condenser Tank Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1561216	Condenser Tank Assembly	Includes items 1-15
1	JC-31374	Connector	2 required
2	J1014455	Elbow	2 required
3	J1178714	Globe Valve	Bronze
4	J1236553	Nipple	2 required
5	J1239383	Elbow	3 required
6	J1239334	Nipple	3 required
7	J1014554	Pipe Union	
8	J1561273	Orifice Weldment	Condenser tank
9	JGD-145-16	Solenoid Valve	2-way
10	JC-46228	Nipple	
11	J1240878	Coupling	
12	J1538768	Condenser Tank Weldment	
13	70142	Nut	
14	M400013	Washer	
15	91202	Screw	

Butterfly Damper Assembly

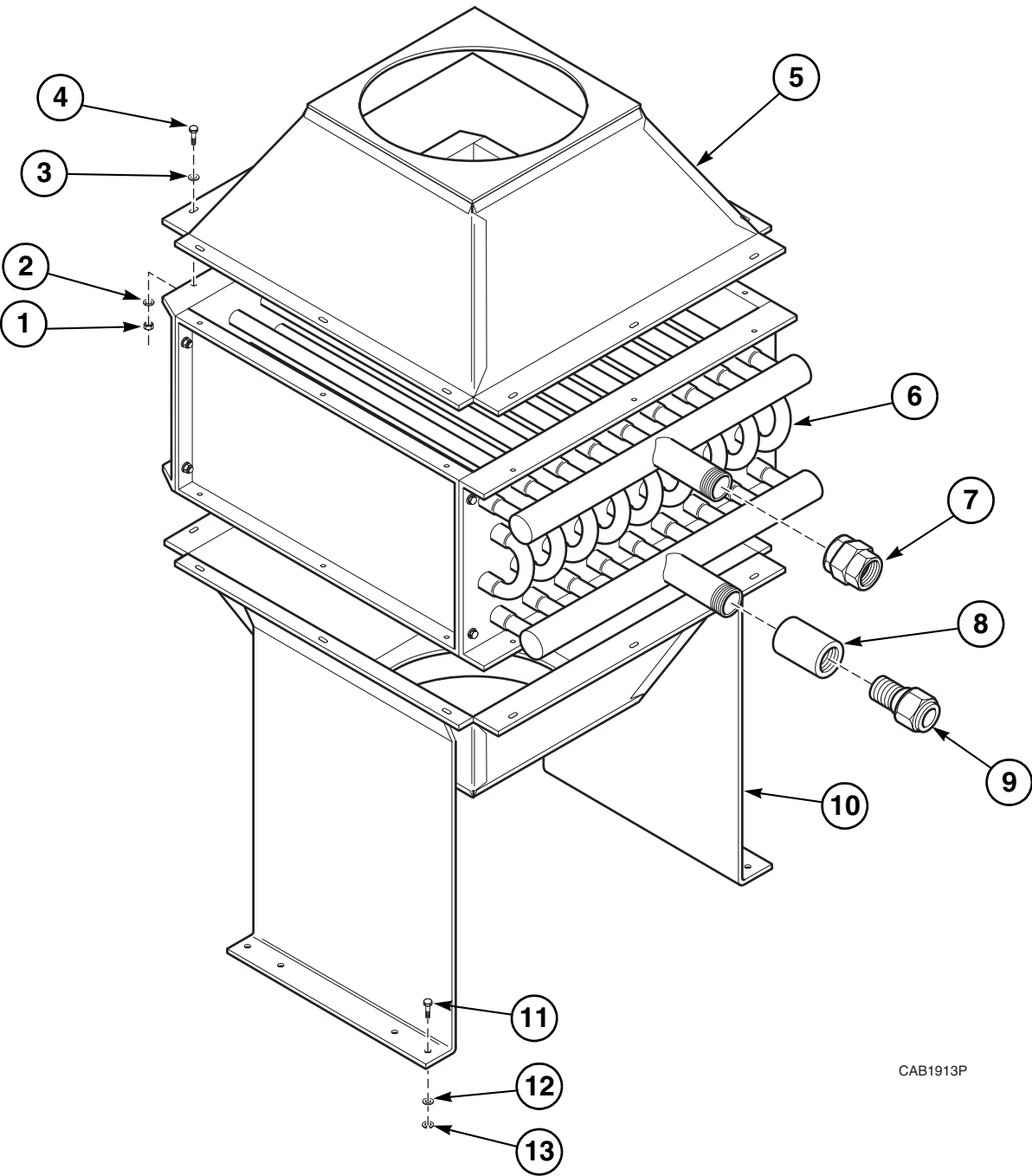


CAB1839P

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	Collar	
6	J1551936	Housing Weldment	
7	J1185073	Washer	2 required
8	J1001726	Screw	2 required
9	J1564350	Shaft	Intermediate
10	J1551811	Drive Shaft	
11	J1551845	Linkage	
12	J1447424	Nut	
13	J1155530	Cotter Pin	
14	J1561414	Clevis	
15	J1561406	Butterfly Damper Cylinder	
16	J1407741	Elbow	
17	J1370113	Washer	2 required
18	JC-54526	Cotter Pin	
19	J1553916	Plate Sub-Assembly	

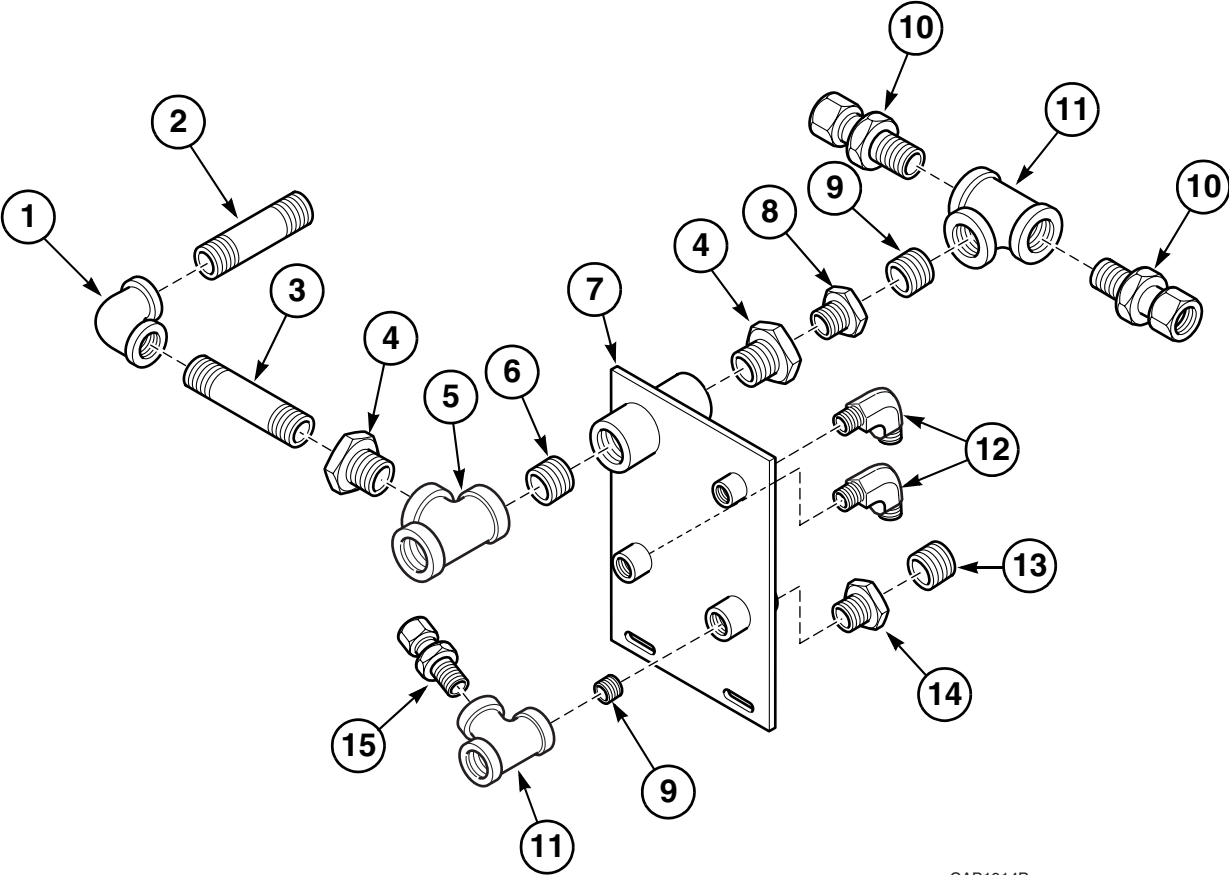
Steam Coil Assembly



Steam Coil Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1562602	Steam Coil Assembly	Includes items 1-10
	JM-92275	Sealant	Apply to top and bottom of coil
1	J1000736	Nut	24 required
2	J1000975	Washer	24 required
3	JC-80759	Washer	24 required
4	J1001627	Screw	24 required
5	J1540780	Top Duct Weldment	Steam coil
6	J1536366	Steam Coil	
7	J1014570	Union	
8	JC-58630	Coupling	
9	J1355254	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

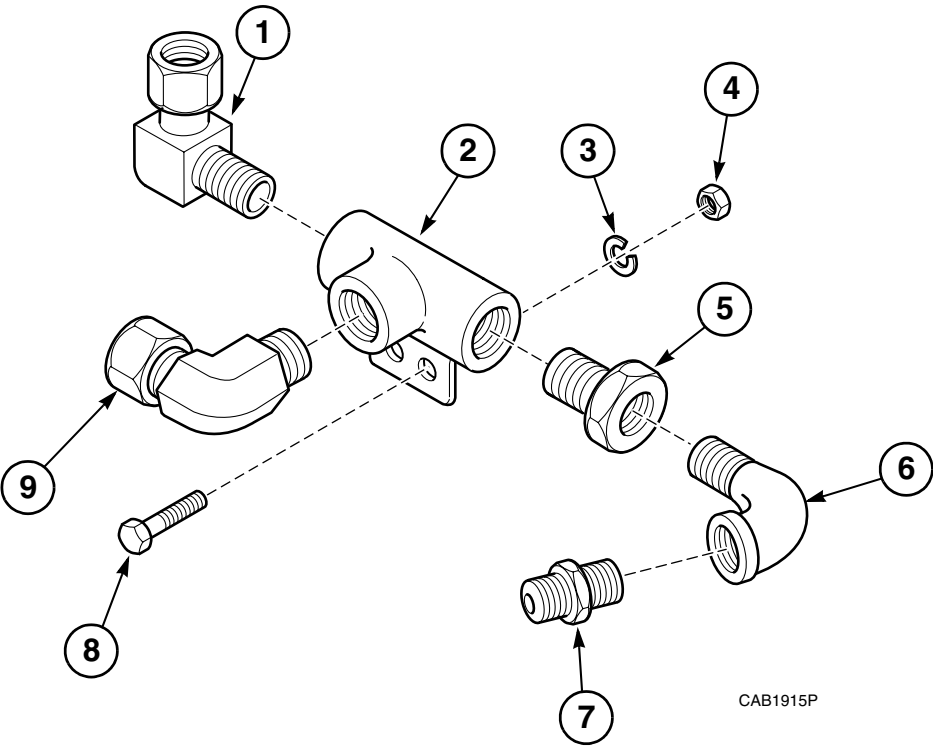


CAB1914P

Steam Inlet Assembly

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

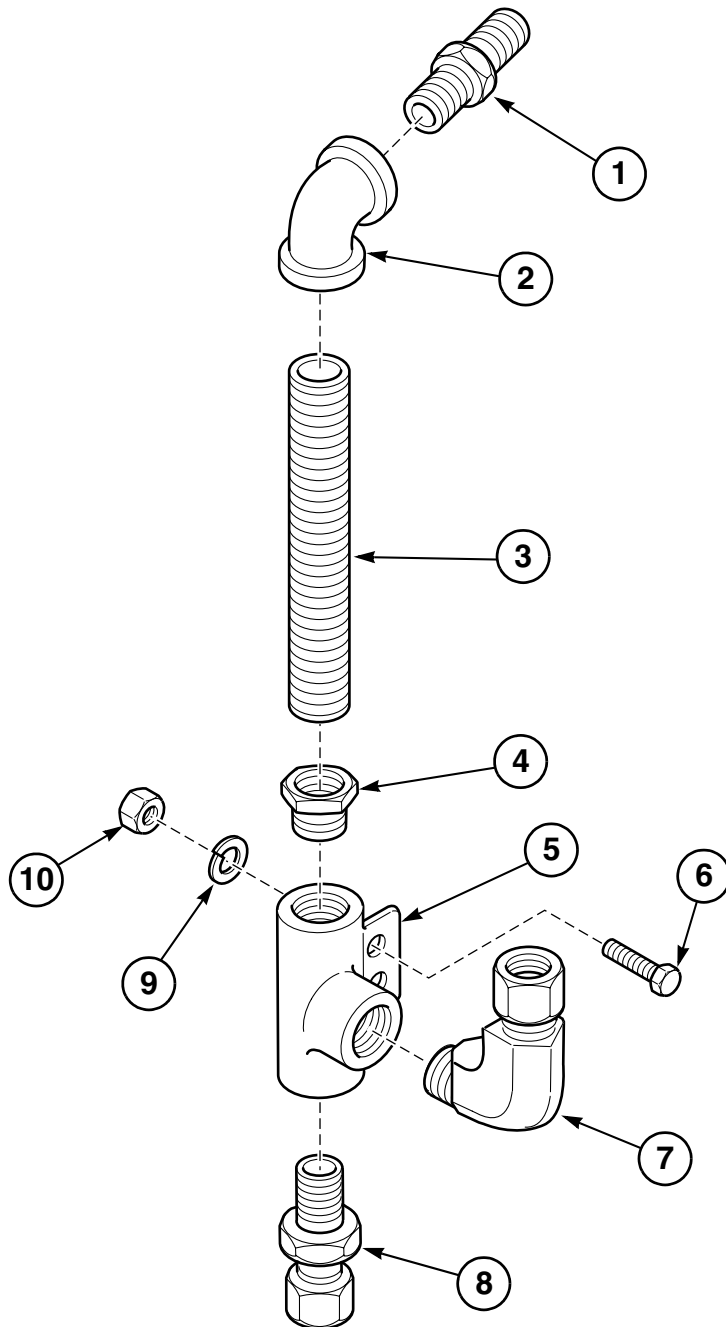
Steam Manifold Assembly – Front Head



Steam Manifold Assembly – Front Head

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

Steam Manifold Assembly – Rear Head

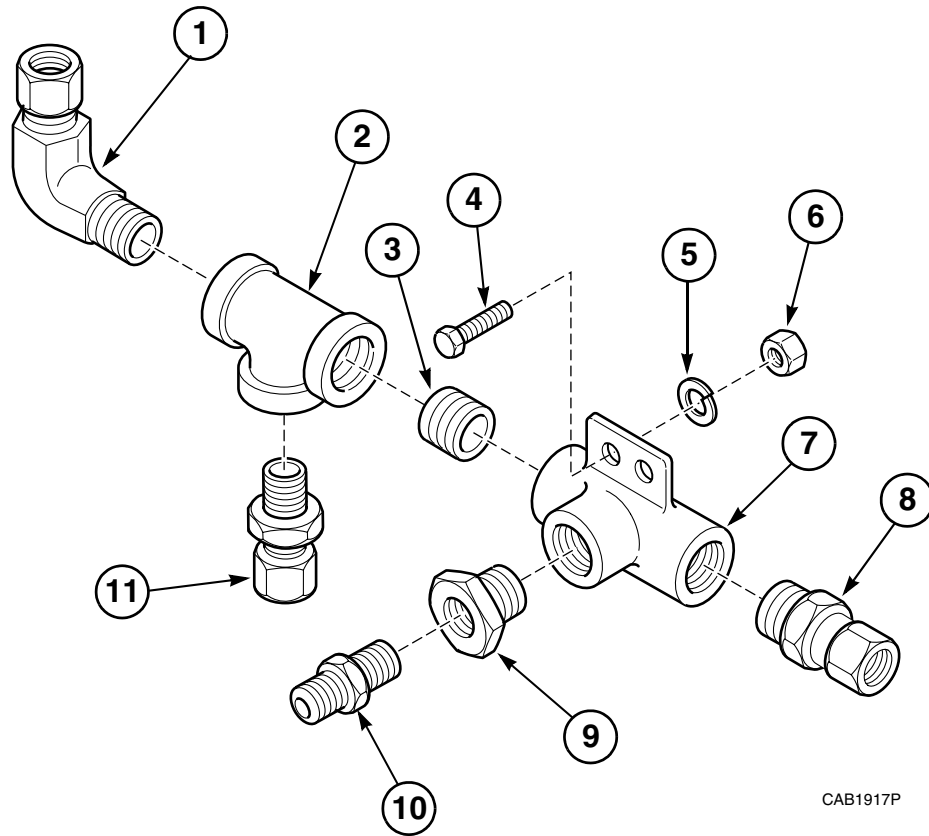


CAB1916P

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	Connector	
2	JC-28237	Elbow	
3	JC-46062	Nipple	
4	JC-19662	Bushing	
5	JA-23840	Mounting Bracket Tee	
6	91202	Screw	2 required
7	J1161280	Elbow	
8	JC-30857	Connector	
9	M400013	Washer	2 required
10	70142	Nut	2 required

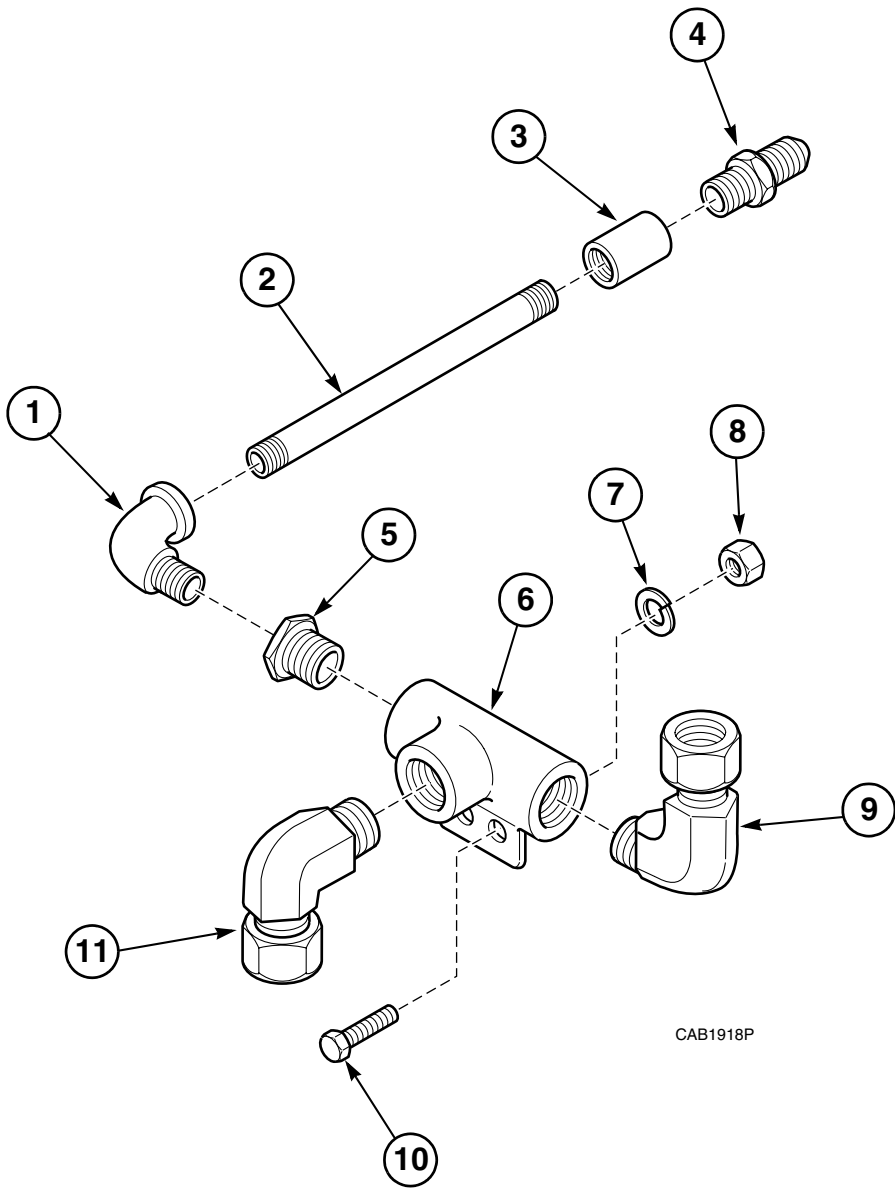
Steam Manifold Assembly



Steam Manifold Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1559251	Steam Manifold Assembly	Includes items 1-3 and 7-11
1	JA-54351	Elbow	
2	J1018423	Tee	
3	JC-46145	Nipple	
4	91202	Screw	2 required
5	M400013	Washer	2 required
6	70142	Nut	2 required
7	JA-23840	Mounting Bracket Tee	
8	JC-30857	Connector	
9	JC-19682	Bushing	
10	J1319276	Connector	
11	JA-50765	Connector	

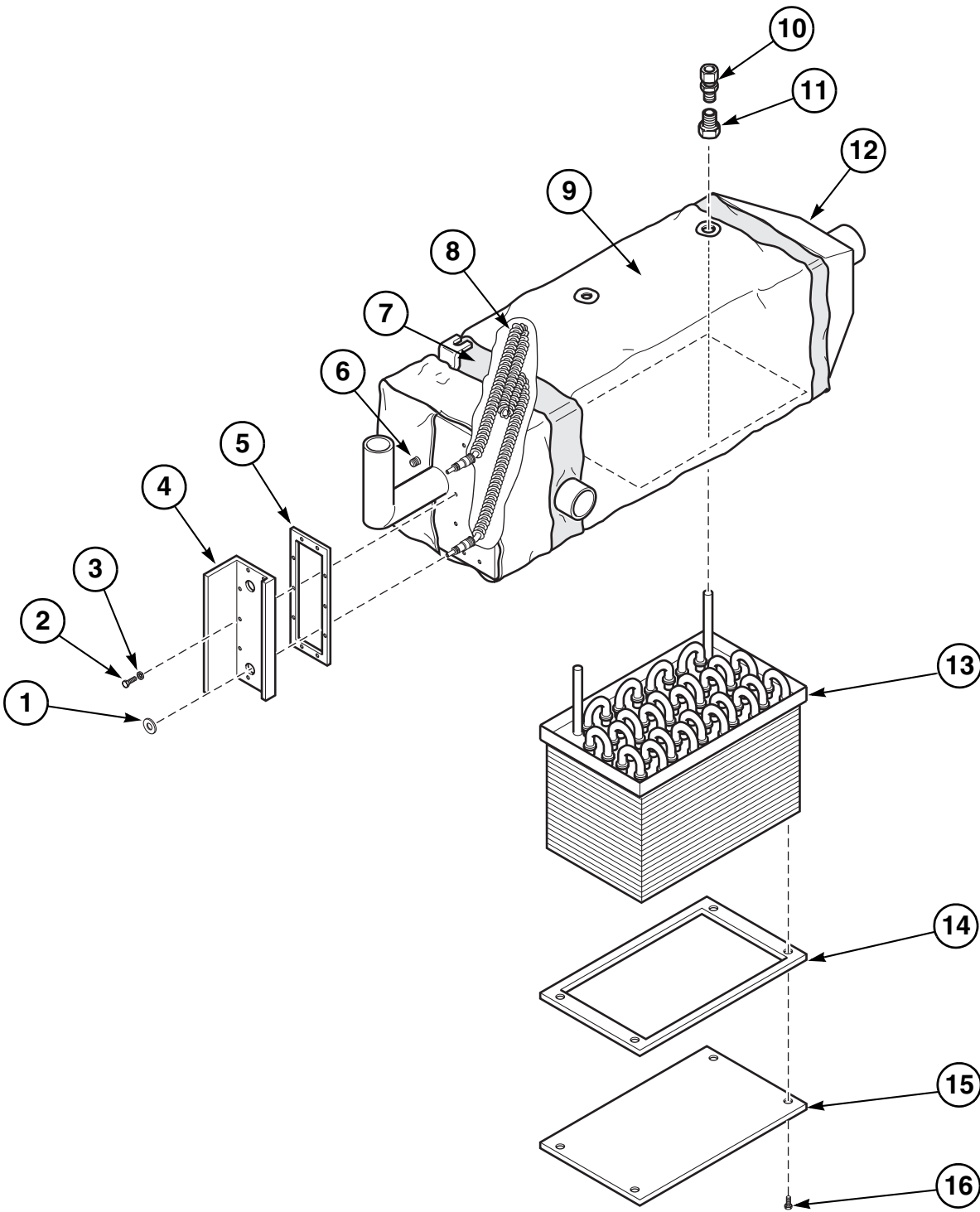
Steam Inlet Manifold Assembly



Steam Inlet Manifold Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1559269	Steam Inlet Manifold Assembly	Includes items 1-6, 9 and 11
1	J1231521	Elbow	
2	JC-46337	Nipple	
3	J1007442	Coupling	
4	J1319276	Connector	
5	JC-19662	Bushing	
6	JA-23840	Mounting Bracket Tee	
7	M400013	Washer	2 required
8	70142	Nut	2 required
9	JA-54351	Elbow	
10	91202	Screw	2 required
11	J1161280	Elbow	

Heat Exchanger Assembly

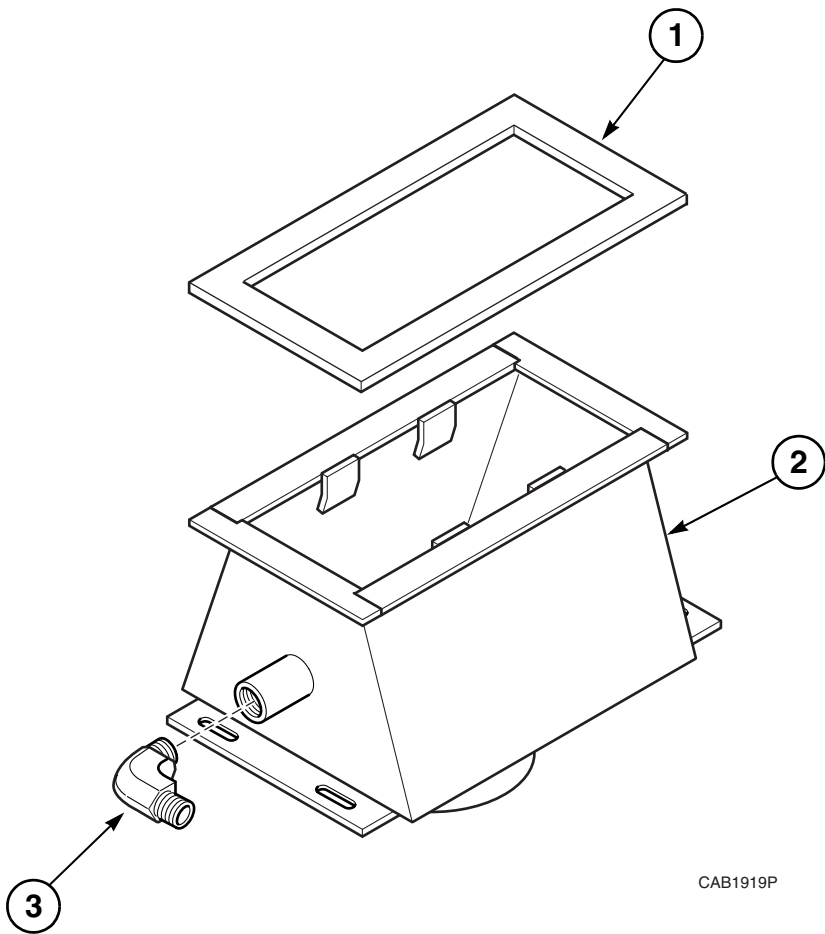


CAB2190P

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	Plate	Electric, Heater
5	JA-23801	Gasket	Electric box; 2 required
6	JA-24122	Fitting	Thermostat
7	JM-99126	Tape	
8	JA-53883	Heater Element	1500 Watts; 230 Volt
9	J1540749	Insulation	Heat exchanger
10	JC-31374	Connector	2 required
11	J1540731	Bulkhead Fitting	2 required
12	J1548817	Heat Exchanger Housing Weldment	
13	J1536382	Steam Coil Weldment	
14	J1540814	Gasket	4 required; Cover
15	J1562818	Heat Exchanger Cover	
16	M401902	Screw	14 required

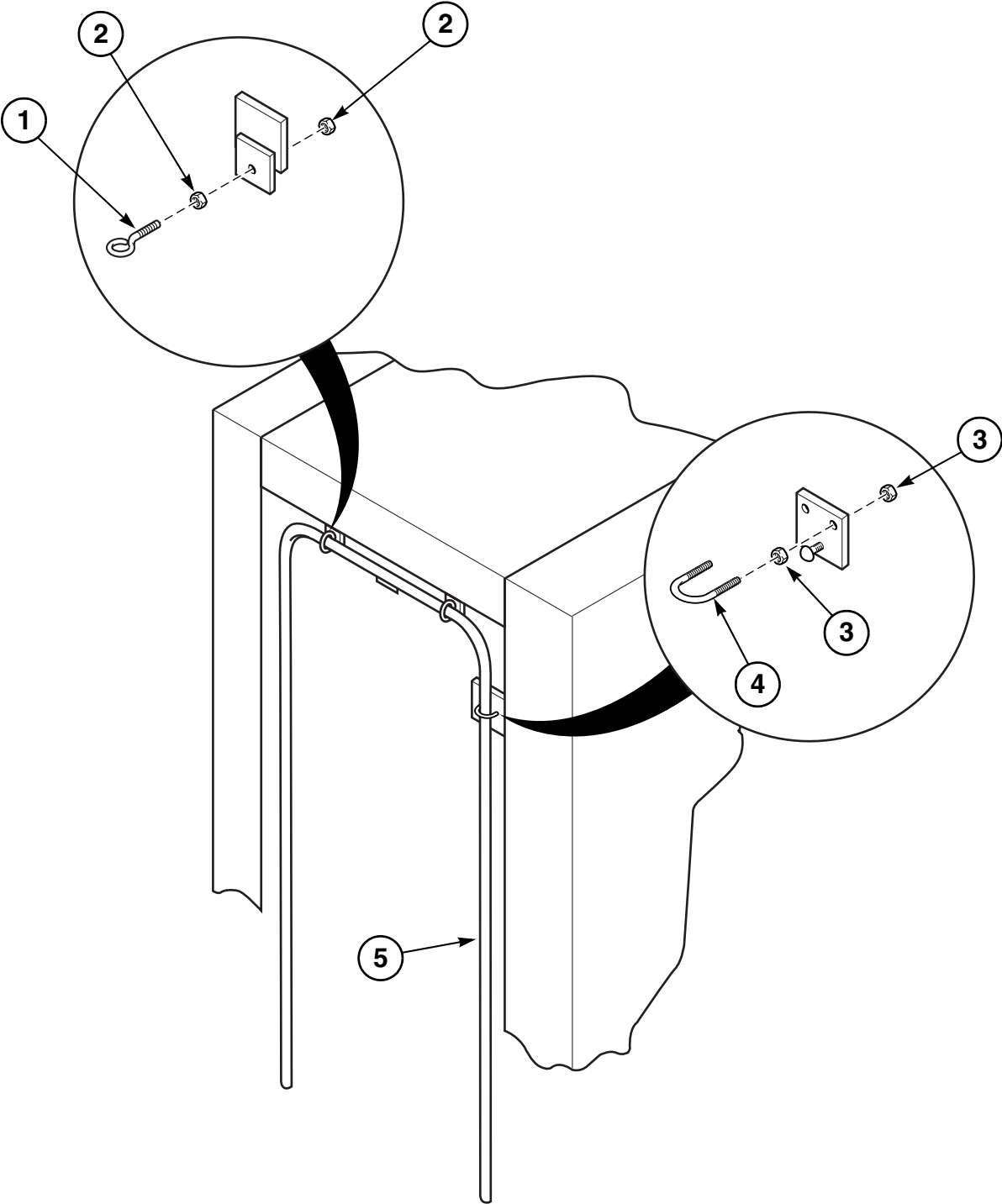
Discharge Box Assembly



Discharge Box Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1554005	Discharge Box Assembly	Includes items 1-3
	JM-92300	Sealant	Use to bond item 2 to item 1
1	J1555689	Gasket	Discharge box
2	J1552348	Discharge Box Weldment	
3	J1119726	Elbow	

Safety Bar

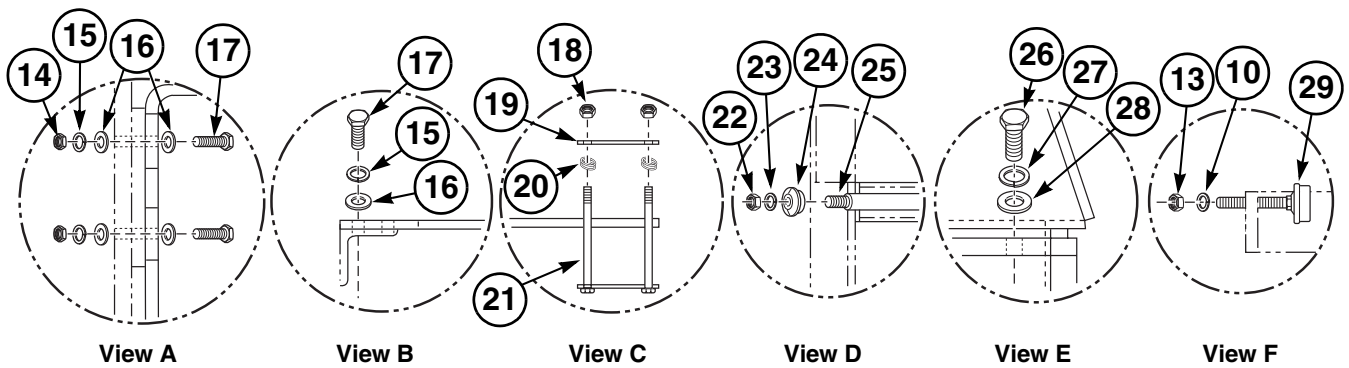
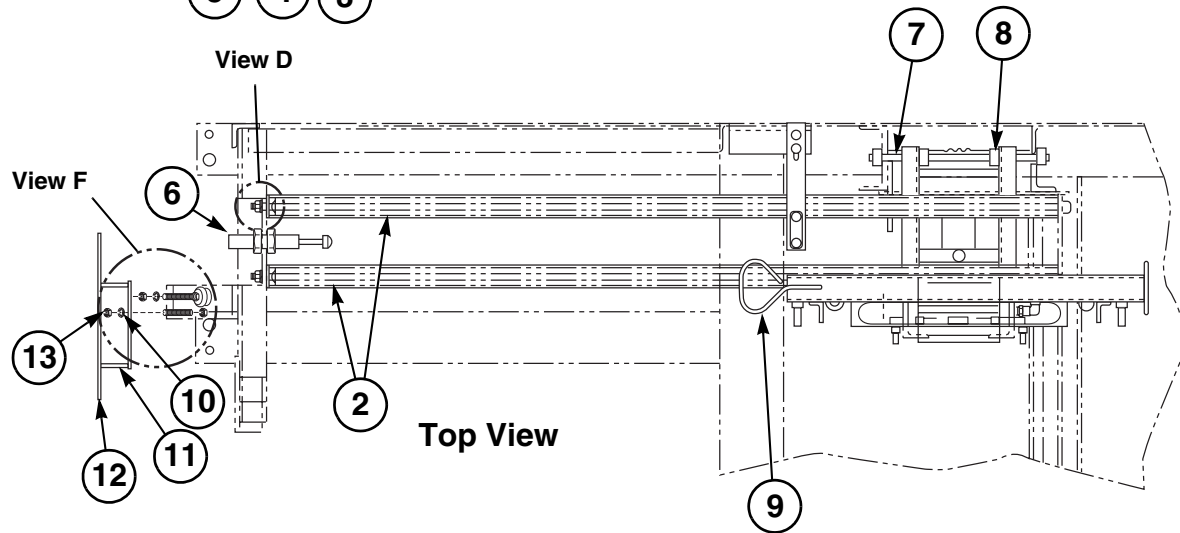
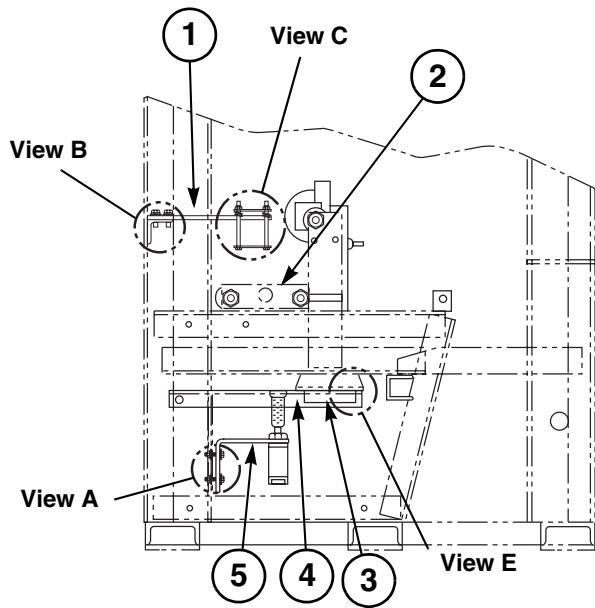


CAB1920P

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



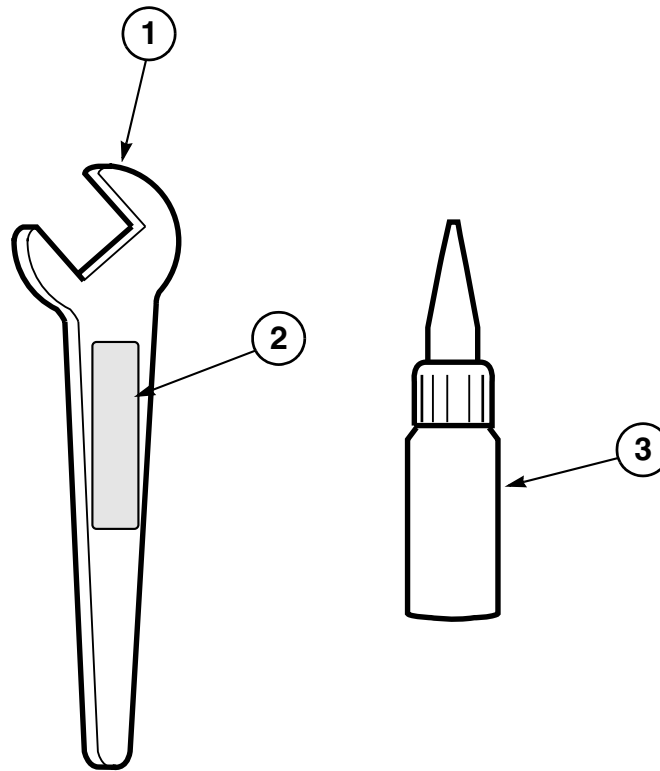
CAB1932P

Completing Parts

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-23048	Electric Box Cover	
1	J1614924	Indexing Cylinder Mounting Plate	
2	JA-23190	Rail	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	Discharge Box Cylinder Assembly	Refer to <i>Discharge Box Cylinder Assembly</i> section for parts breakdown
6	J1564160	Shock Absorber	
7	J1554070	Pivot Rod	Discharge tube
8	JC-22262	Collar	4 required
9	N/A	Receiving Tube and Carriage Assembly	Refer to <i>Receiving Tube/Carriage/Buck/Arms Assembly</i> section for parts breakdown
10	M400014	Washer	
11	J1562990	Rod	2 required; Threaded
12	J1551027	Stiffening Bracket Weldment	
13	20274	Nut	
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 Cylinder Support Plate	
20	J1039676	Spring	2 required; Compression
21	J1615020	Indexing Cylinder Support Weldment	
22	J1000850	Nut	4 required
23	J1001106	Washer	4 required
24	J200133500	Slug	4 required; Rail
25	JA-23189	Rail Rod	2 required
26	JA-53020	Screw	4 required
27	J1185073	Washer	4 required
28	JC-80513	Washer	4 required
29	JA-56790	Bumper	

N/A = Part no longer available

Shipped Box Items

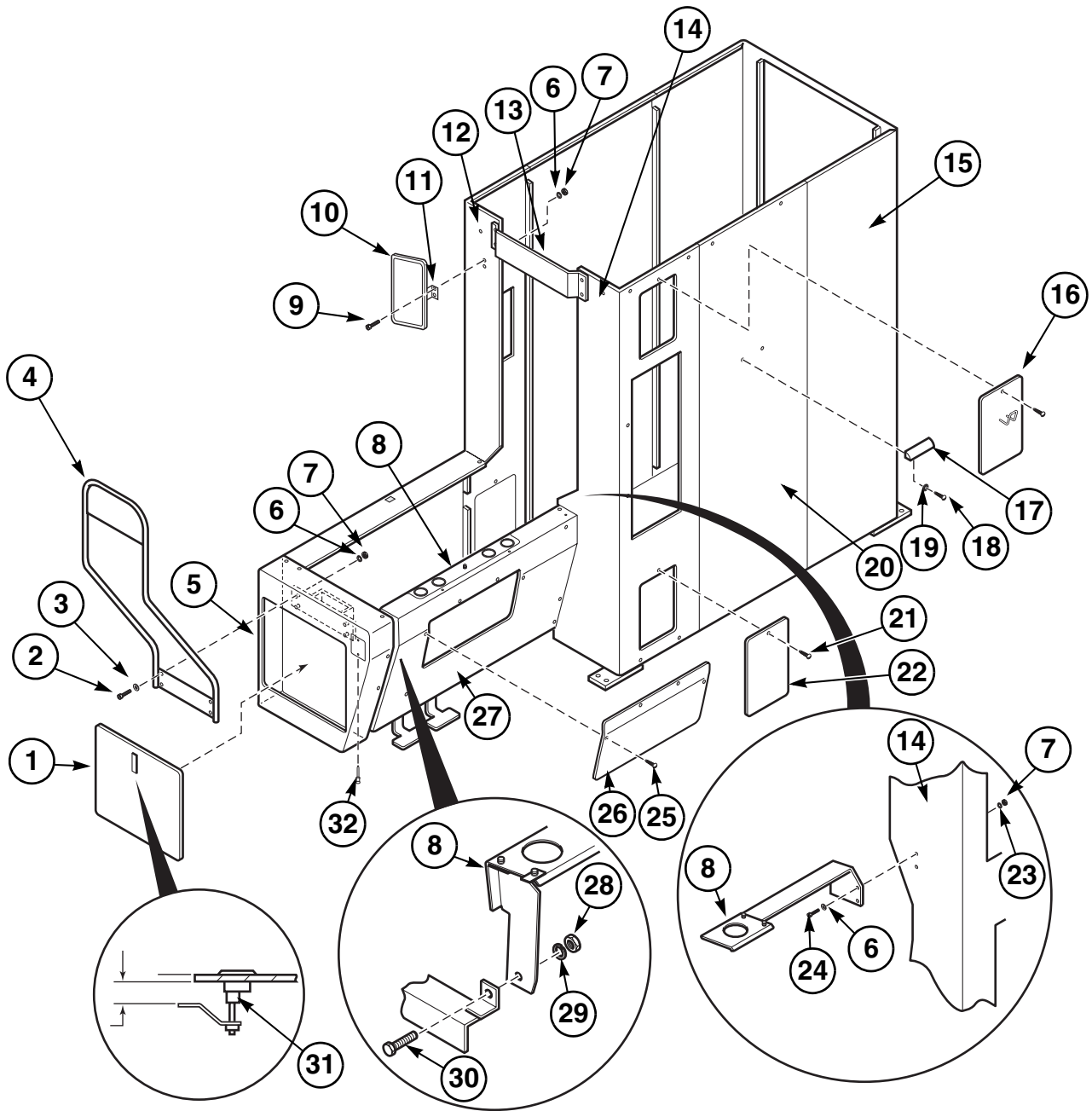


CAB2387P

Shipped Box Items

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

Cover Application – Left Front

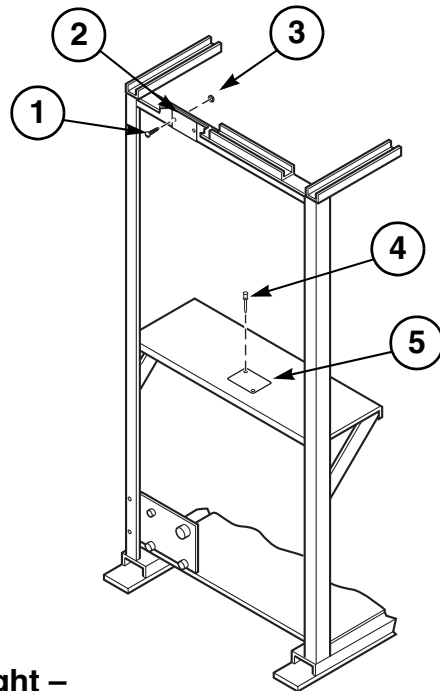


CAB2379P

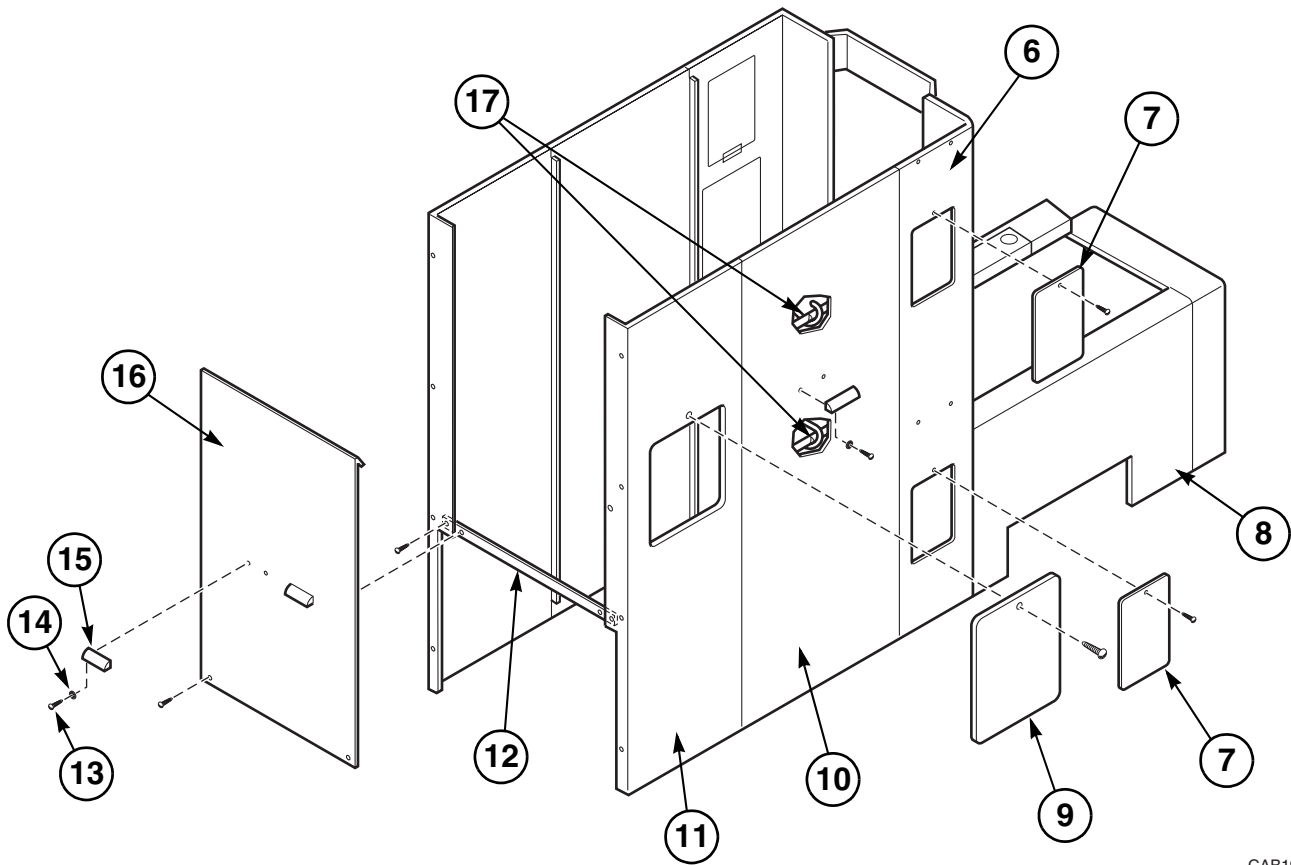
Cover Application – Left Front

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	Left Guard Weldment	CE models
5	J1618834	Cover	Left weldment
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 Bracket	
12	J1542091	Cover	Left side top
13	J0637696-00	Cover	Rail top
14	J1613769	Cover	Front left
15	J1613801	Cover	Front right
16	J1562800	Access Panel Cover Weldment	
17	J1240985	Handle	4 required
18	J1187228	Screw	8 required
19	J1085984	Washer	8 required
20	J1542109	Cover	Front middle
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	Cover	Control panel
	J200128400	Cover	Control panel; CE models only
28	J1000850	Nut	4 required
29	91200	Washer	
30	JA-50190	Screw	
31	J1614809	Latch	Lift and turn
32	J1323724	Rivet	2 required

Cover Application – Right Rear



**Rear Right –
Internal**

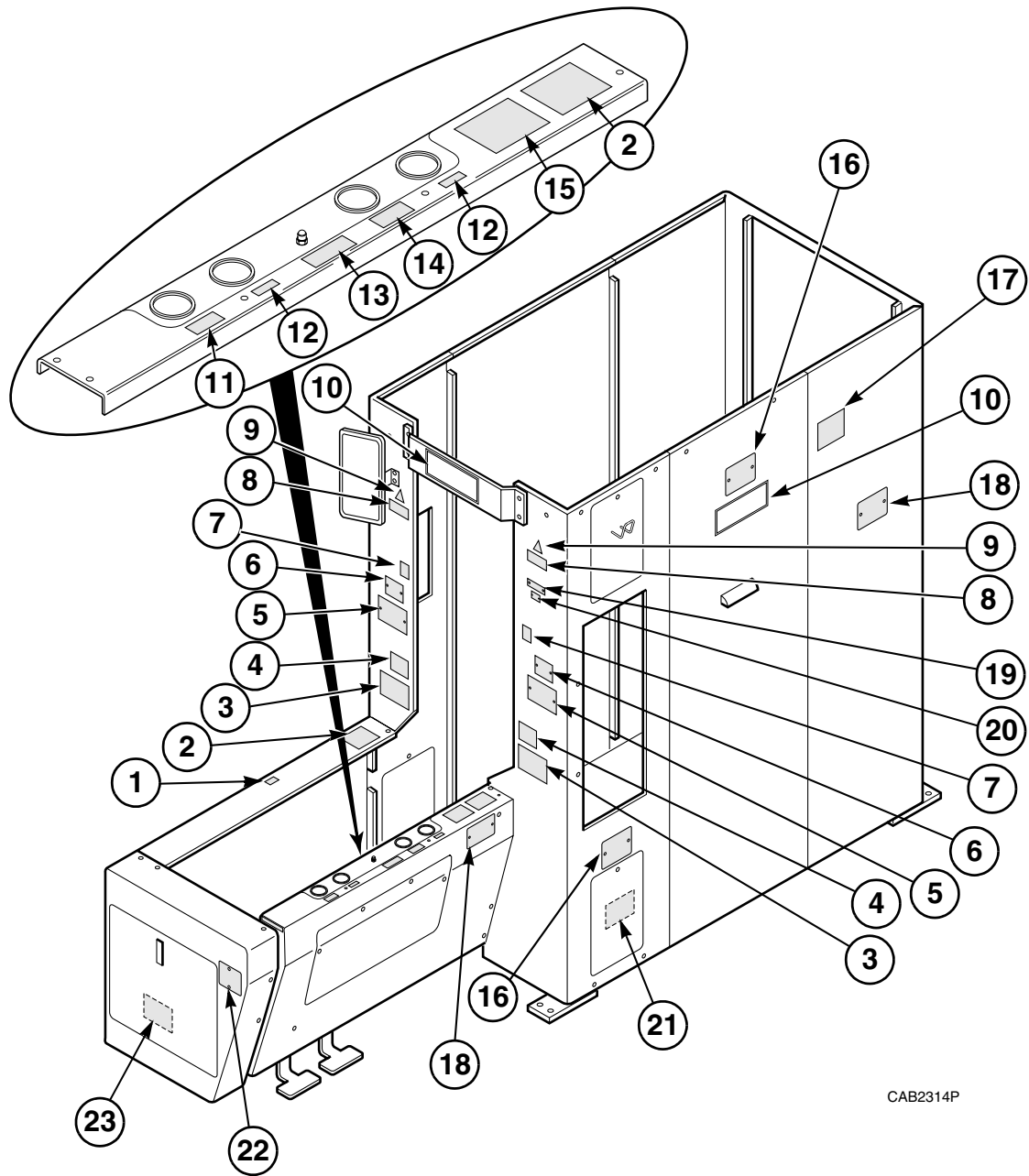


CAB1923P

Cover Application – Right Rear

REF	PART NO.	DESCRIPTION	COMMENTS
1	M400044	Screw	2 required
2	J1312545	Nameplate	Supply wire
3	J1000975	Washer	2 required
4	J1323724	Rivet	2 required
5	J1162718	Label	Warning guards in place
6	J1613785	Cover	Rear left
7	J1550813	Access Panel Cover Weldment	4 required
8	J1542042	Cover	Rear rail
9	J1520360	Access Panel Cover	Weldment
10	J1542117-00	Cover	Rear middle
11	J1614890	Cover	Rear right
12	J1545375	Mounting Bracket	2 required; Right cover
13	J1187228	Screw	8 required
14	J1085984	Washer	8 required
15	J1240985	Handle	4 required
16	J1544154	Cover	Right
17	J1550326	Label	2 required; ISO triangle

Labels and Decals – Front

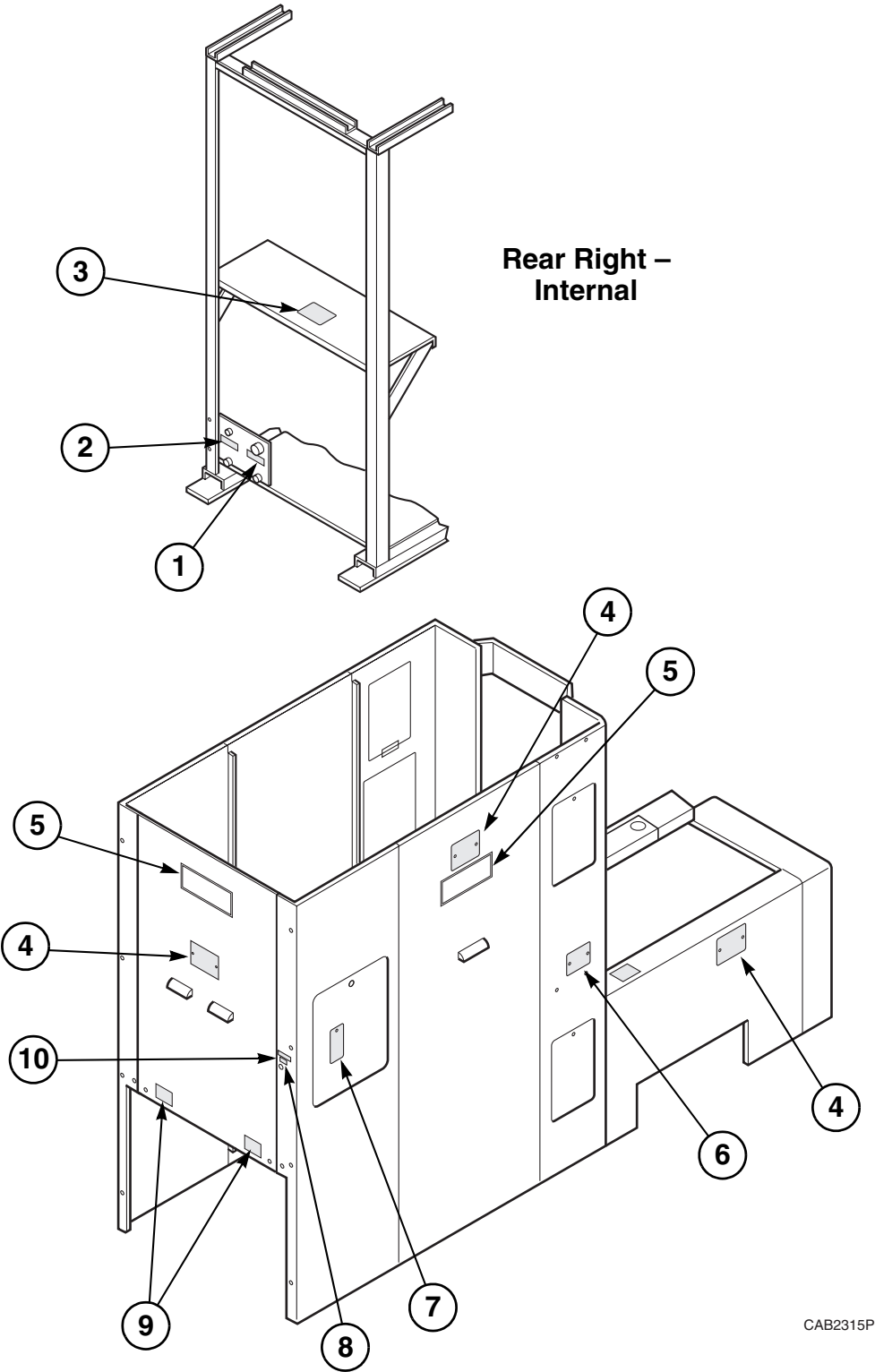


CAB2314P

Labels and Decals – Front

REF	PART NO.	DESCRIPTION	COMMENTS
	J1323724	Rivet	36 required for front and rear
1	JA-24370	Label	Clean filter weekly
2	J1556471	Label	Warning to avoid injury; 2 required
3	J200103400	Decal	Warning: Buck may move in; 2 required
4	J1550300	Label	Safety; 2 required
5	J1443688	Nameplate	Warning, hot surface; 2 required
6	J1411925	Label	Safety bar release; 2 required
7	J200103500	Decal	Warning: Hot surface; 2 required
8	J200103600	Decal	Safety bar release; 2 required
9	J200102200	Decal	General caution; 2 required
10	J0230222-00	Nameplate	Cissell; 4 required
11	J1564319	Label	Vacuum release
12	JA-18289	Label	In; 2 required
13	J1472208	Label	Sleeve expander release
14	JA-18606	Label	Head release
15	J1564210	Decal	Start sequence
16	J1564293	Label	Operating valves adjustment
17	J200099500	Decal	Transformer
18	J1162718	Label	Warning guards in place
19	J1411313	Label	Caution rest stop
20	J1411339	Label	Rest button
21	J1564301	Label	High/low pressure adjustment
22	J1162718	Nameplate	Warning guards in place; 3 required
23	J1450931	Label	Warning before moving; 5 required

Labels and Decals – Rear



CAB2315P

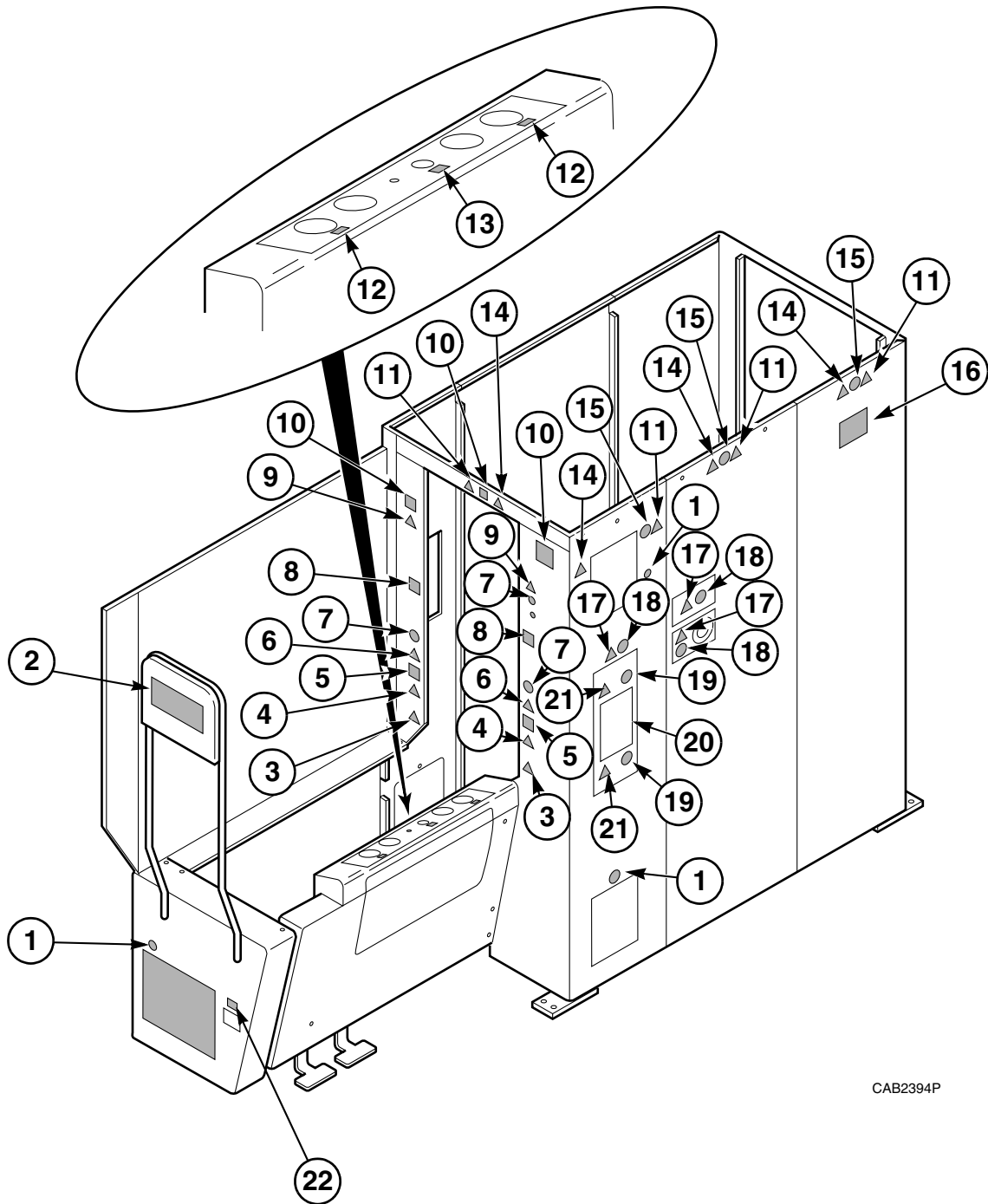
Labels and Decals – Rear

REF	PART NO.	DESCRIPTION	COMMENTS
	J1323724	Rivet	36 required for front and rear
1	JA-17841	Label	Steam inlet
2	JA-17840	Label	Steam return; 3 required
3	N/A	Tag	Air/electric service
4	J1450931	Label	Warning before moving; 5 required
5	J0230222-00	Nameplate	Cissell; 2 required
6	J1162718	Label	Warning guards in place; 3 required
7	J1546274	Tag	Weekly filter maintenance
8	J1564277	Label	Air pressure 65-76 psi
9	F231380	Decal	Warning: Hot surface, Steam; 2 required
10	JA-17842	Label	Air inlet

N/A = Part no longer available

Labels and Decals – Front

CE Model Only



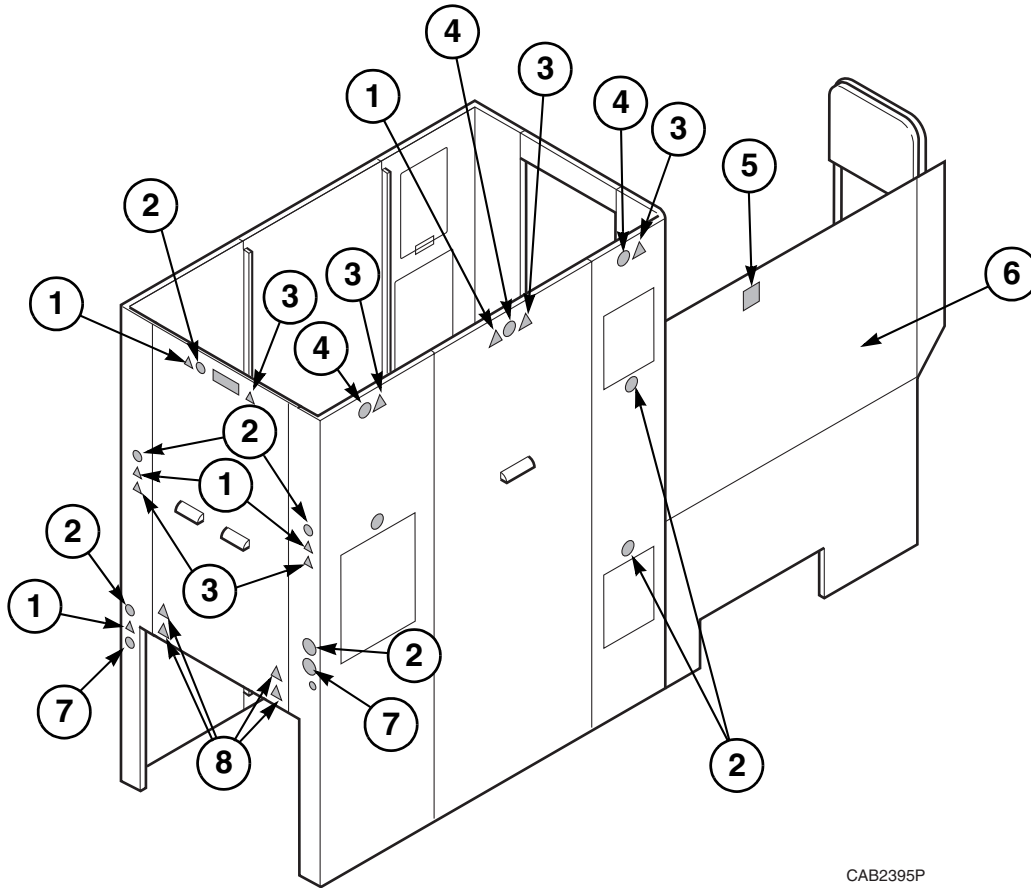
CAB2394P

Labels and Decals – Front

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1550359	Label	Read instruction manual
2	J0230222-00	Nameplate	Cissell
3	J1550326	Label	Safety ISO triangle; 2 required
4	J200100000	Decal	Hot surface/Burn hazard; 4 required
5	J200100900	Decal	Caution, Buck movement; 2 required
6	J200099400	Decal	Caution, Hot; 4 required
7	J1550300	Label	Read instruction manual
8	J200101000	Decal	Safety bar release; 2 required
9	J200102200	Decal	General caution; 2 required
10	J1550573	Label	Keep hands out
11	J1636067	Label	Burn hazard
12	J200100800	Decal	In; 2 required
13	J1635101	Decal	Emergency stop; Located on front and rear safety bars
14	J1550326	Label	Crush/Pinch point
15	J1561497	Label	Read maintenance instructions
16	J200099500	Decal	Transformer 115 Volt
17	J1550342	Label	Electrical high voltage; Also located on top of heat exchanger
18	J1550334	Label	Lockout electrical service; Also located on top of heat exchanger
19	J1550557	Label	Lock out electrical service
20	J200104400	Decal	Operating control panel
21	J1550565	Label	Electrical/High voltage; Also located on inside of electrical box cover
22	J1323724	Rivet	

Labels and Decals – Rear

CE Model Only

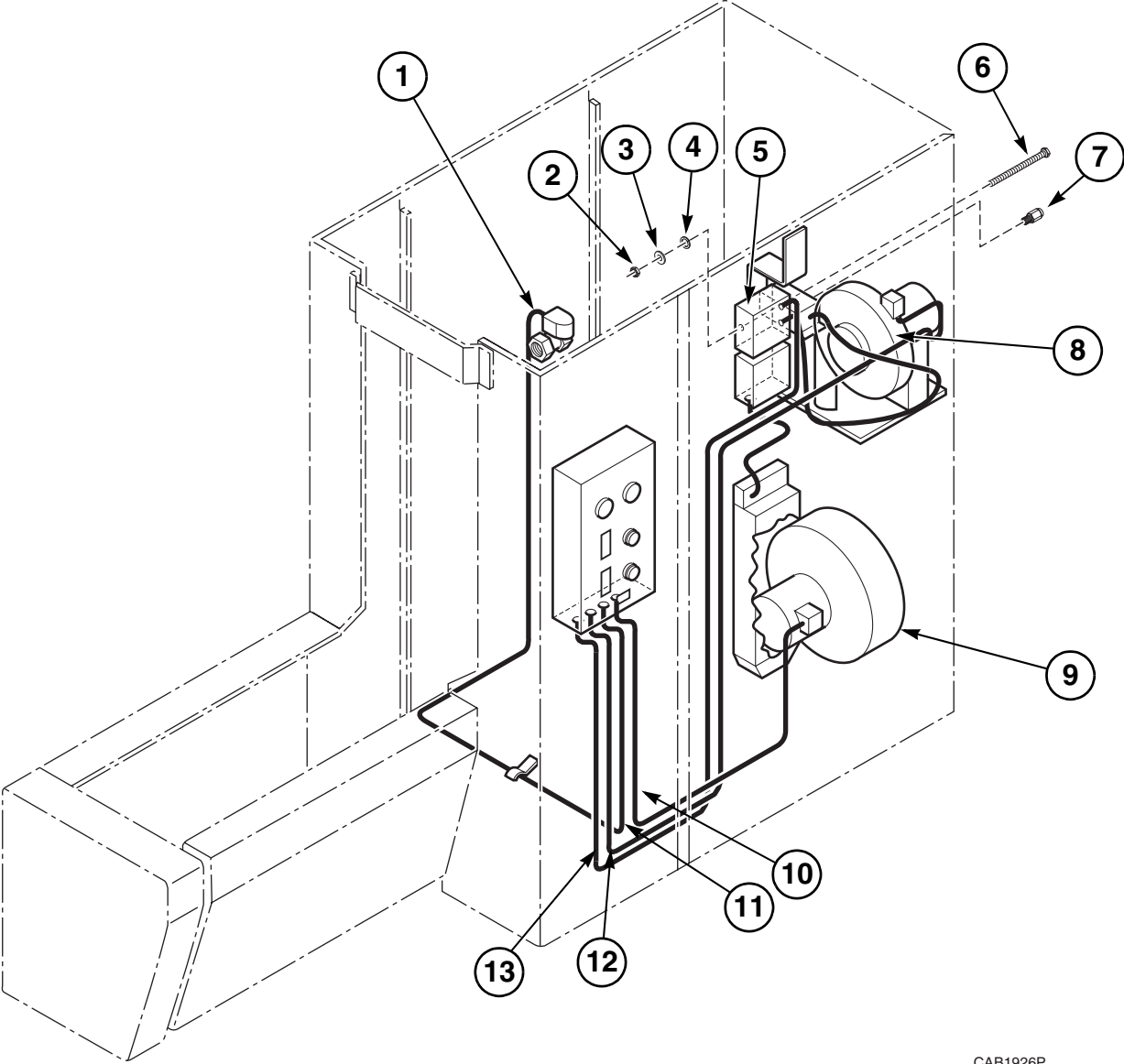


CAB2395P

Labels and Decals – Rear

REF	PART NO.	DESCRIPTION	COMMENTS
	JC-63376	Screw	
	J1433366	Nut	
	J1111095	Screw	
	J1185073	Washer	
1	J1636067	Label	Burn hazard
2	J1550359	Label	Read instruction manual
3	J1550326	Label	Crush/Pinch point
4	J1561497	Label	Read maintenance instructions
5	J1550573	Label	Keep hands out
6	J1649482-00	Rear Cover	
7	J1550540	Label	Lock out air and steam service
8	J200099400	Decal	Caution, hot; 4 required

Electrical Parts and Conduit

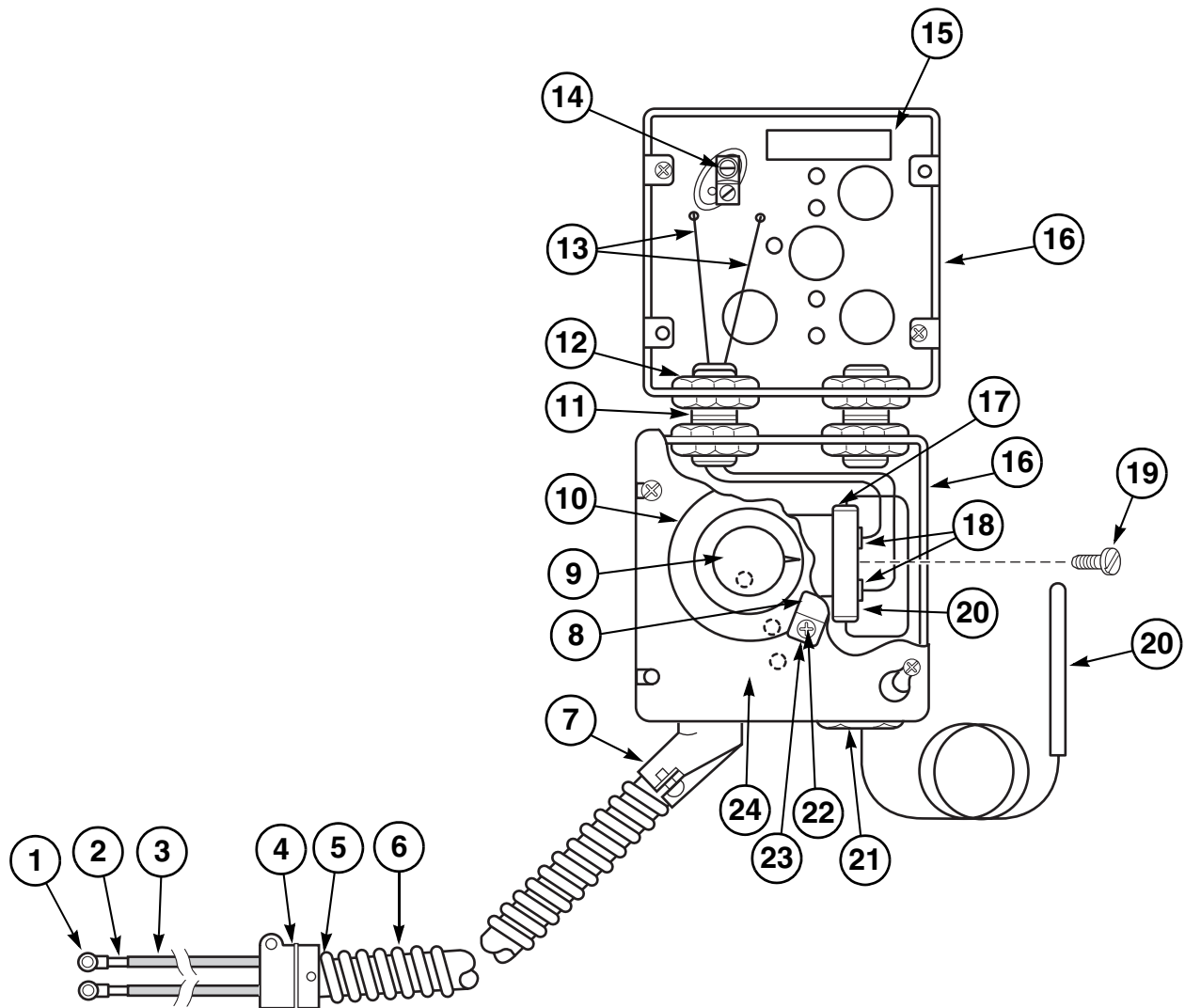


CAB1926P

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	Wire	12.4 inches required; 14 gauge black
1	JGD-145-16	Solenoid Valve	2-way
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/3 Phase/60 Hertz
	J200105900	Blower	Sleeve; CE; 50 Hertz
9	J1567775	Blower	200 Volt/3 Phase/50 Hertz
	J0220243-00	Blower	
	J1567767	Blower	575 Volt/3 Phase/60 Hertz
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

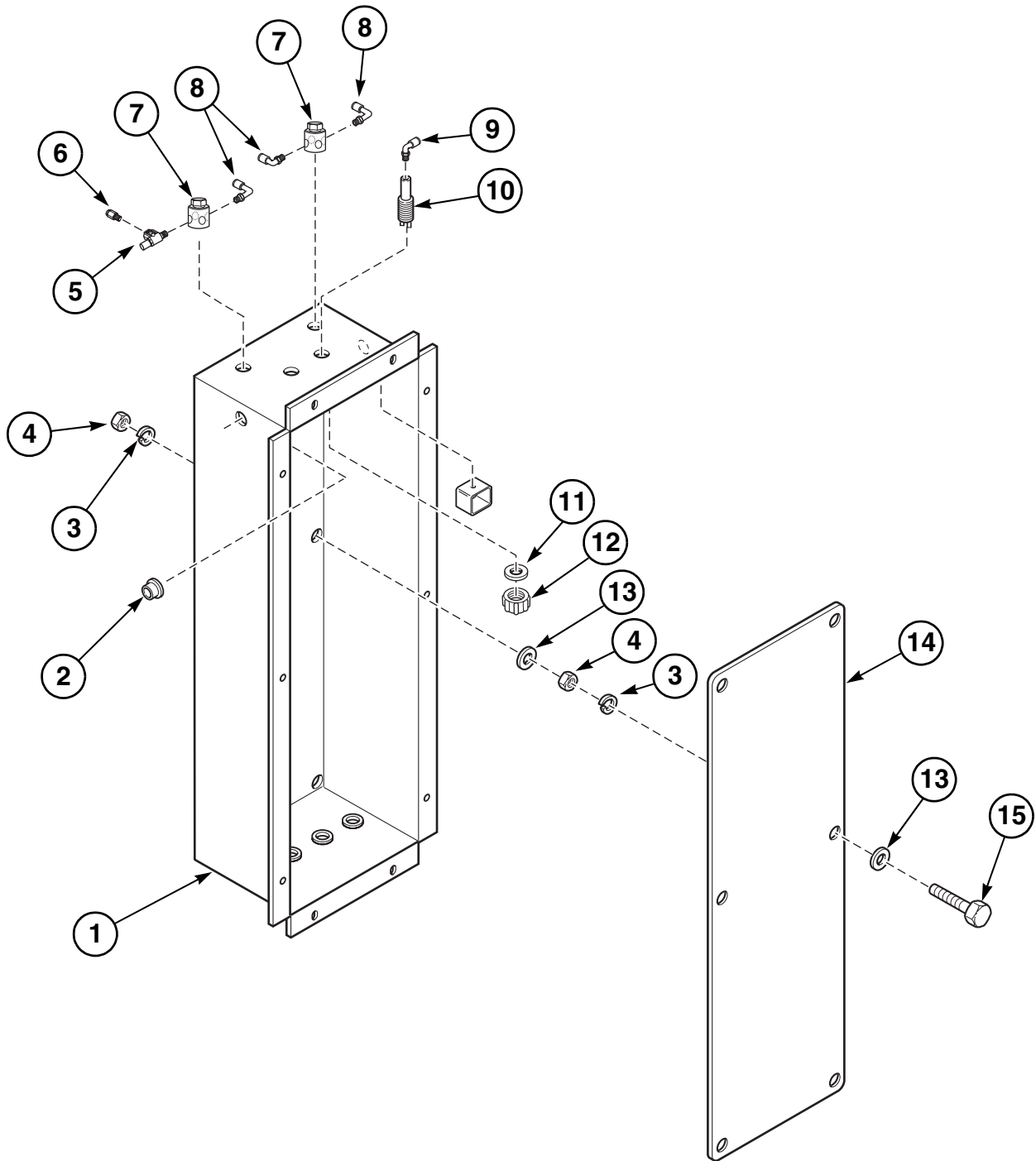


CAB1927P

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	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	Wire	2 feet required; 14 gauge
14	J1189125	Ground Lug	
15	J10-607	Label	Ground wire
16	JC-18268	Electric Box	2 required
17	JT-168-4	Terminal Ring	2 required
18	J1190370	Terminal Ring	2 required
19	J1233659	Screw	2 required
20	JA-54183	Thermostat	150-400°F
21	J1066919	Bushing	
22	J1199389	Screw	
23	J1085984	Washer	
24	JA-24123	Thermostat Mounting Plate	

Control Enclosure

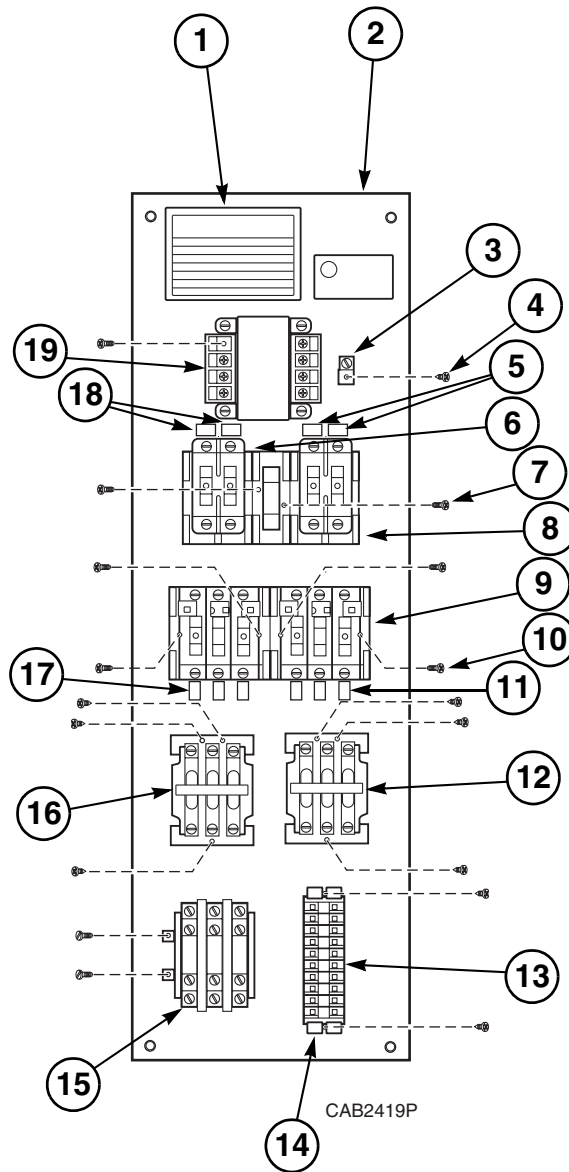


CAB2384P

Control Enclosure

REF	PART NO.	DESCRIPTION	COMMENTS
	J1547181	Insulation	Control box
1	J1547199	Enclosure Control	
2	J1427103	Vent Plug	8 required
3	J1185073	Washer	12 required
4	20275	Nut	12 required
5	J1455781	Flow Control Valve	
6	F422101	Coupling	
7	J1362854	Solenoid Valve	2 required; 3-way; Normally closed
8	JC-28235	Elbow	3 required
9	J1398288	Elbow	5 required
10	J1364181	Pressure Switch	2 required
11	J1001304	Washer	2 required
12	J1018571	Coupling	2 required
13	JC-80513	Washer	12 required
14	J1547132	Control Panel	
15	JA-52426	Screw	6 required

Control Panel Assembly

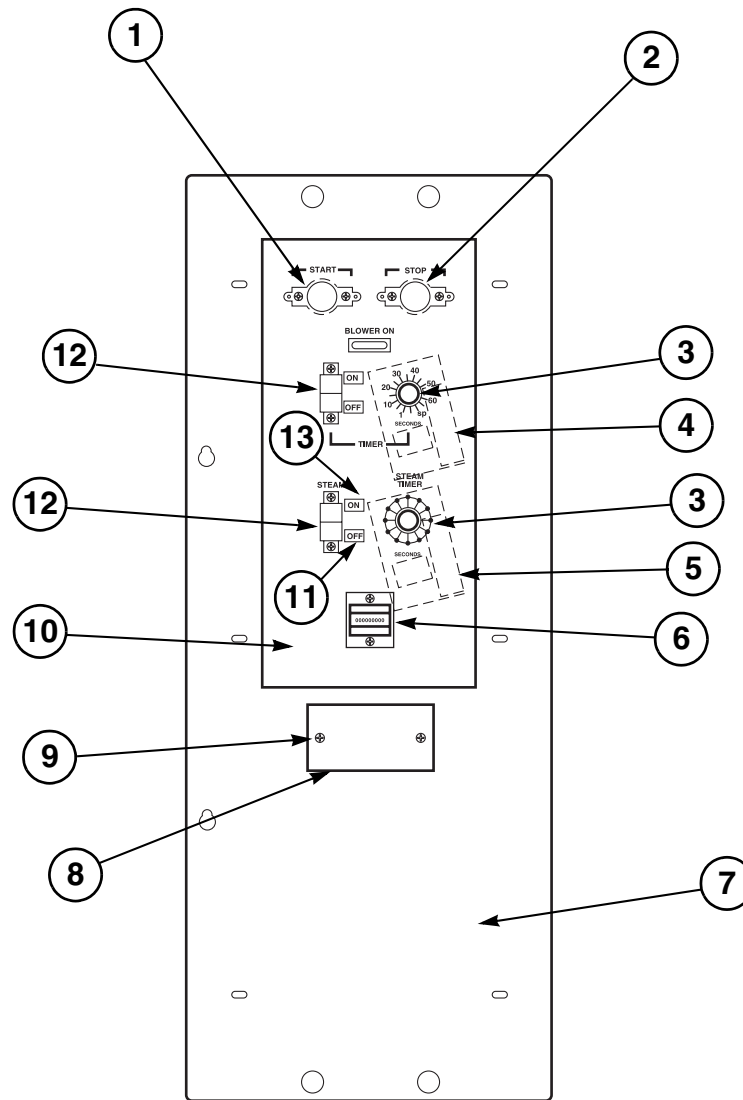


Control Panel Assembly

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

N/A = Part no longer available

Operating Control Cover Assembly



CAB2414P

Operating Control Cover Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1547165	Operating Control Cover Assembly	Includes items 1-13
	J1216357	Washer	2 required; Used with J1530765 Counter
	02788	Nut	2 required; Used with J1530765 Counter
	J1233162	Screw	2 required; Used with J1530765 Counter
1	M400954	Push-to-Start Switch	Black
2	JA-52477	Pushbutton	Red
3	JE-66023	Knob	2 required
4	J1478601	Timer Assembly	75 seconds; Models through October 2003
	J200043100	Timer Assembly	75 seconds; Models starting October 2003
5	J200050400	Common Timer Circuit Board Kit	11 seconds; Models through October 2003
	J200043100	Timer Assembly	11 seconds; Models starting October 2003
6	J1530765	Counter	
7	J1547157	Cover	Control box
8	J1145689	Nameplate	
9	JC-51521	Rivet	2 required
10	J1547140	Nameplate	Control
11	J200022400	Decal	Off
12	J1236306	Rocker Switch	2 required
13	J200022300	Decal	On

Fuse Chart

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

N/A = Part no longer available

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