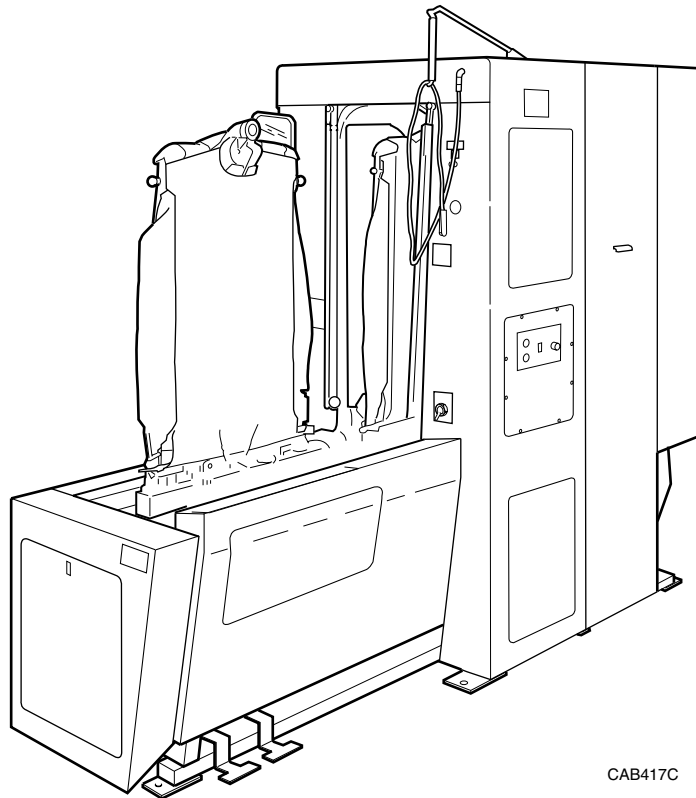


Bosom, Body and Yoke Cabinet Press

Single and Double Excalibur Models

Refer to Page 5 for Model Numbers



CAB417C

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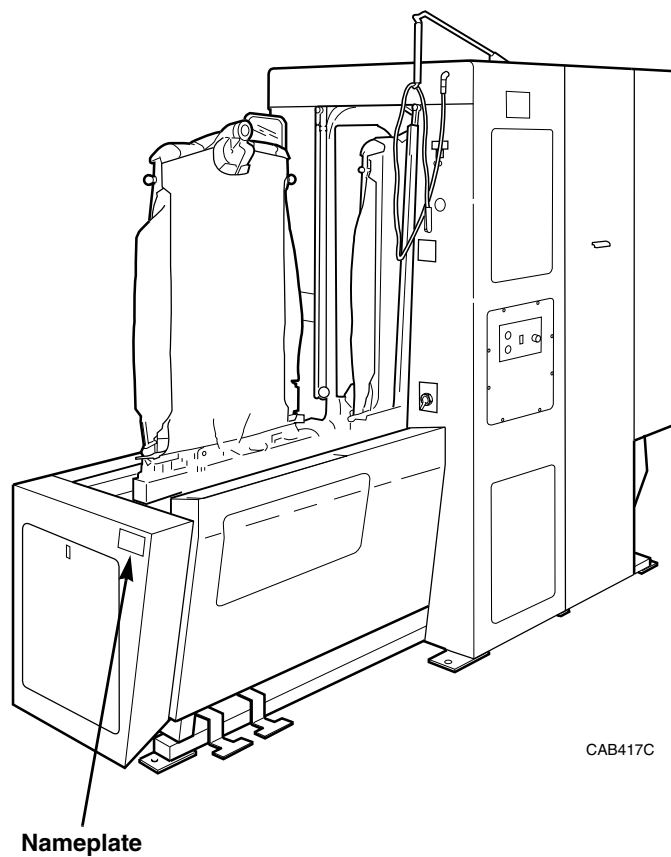
Parts Ordering Information

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.



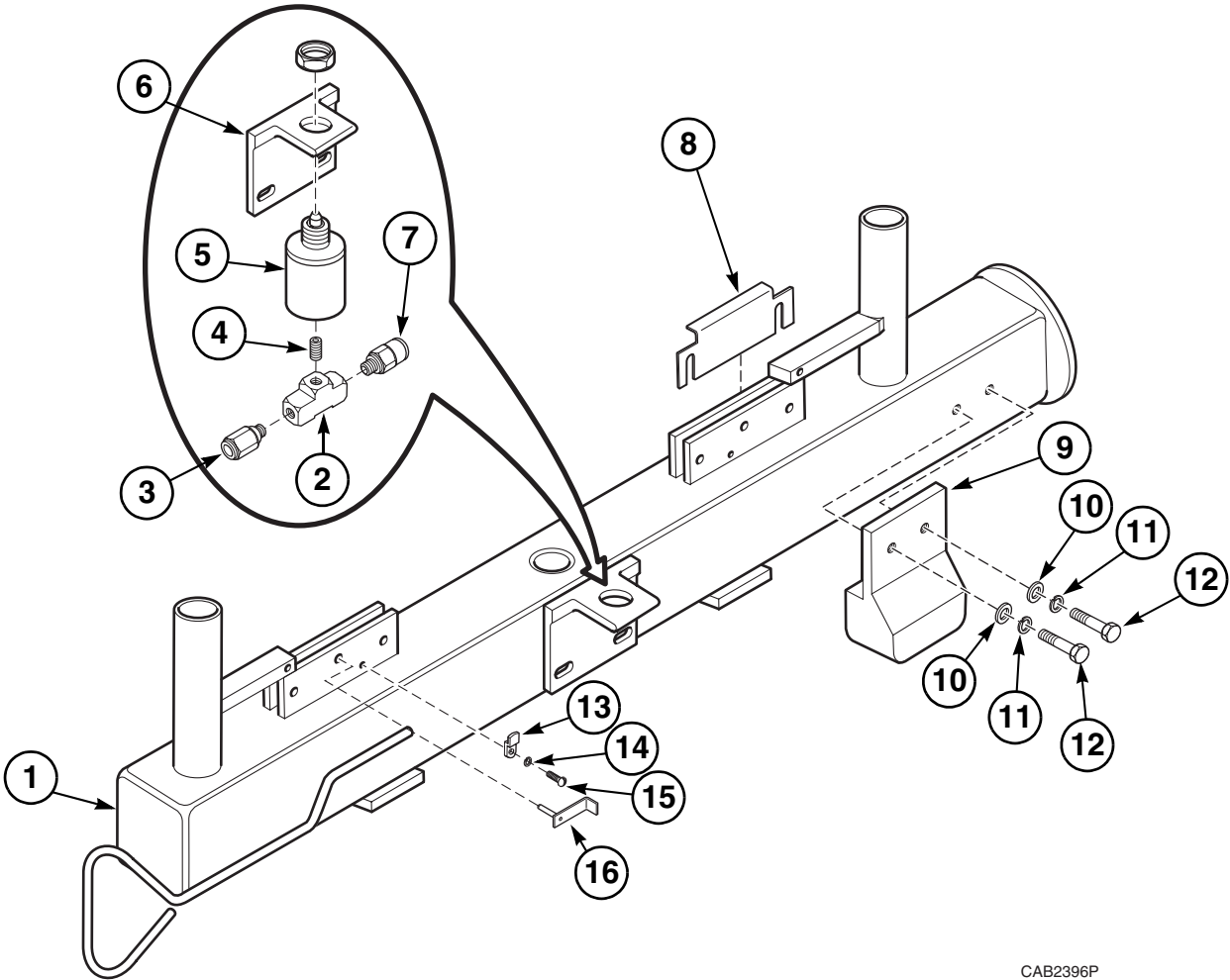
Model Identification

Information in this manual is applicable to these Cabinet Presses:

CBBY-X
CBBY-XV
DFB-X
DFB-XV

Front Receiving Tube (Drawing 1 of 2)

Models CBBY-X and DFB-X



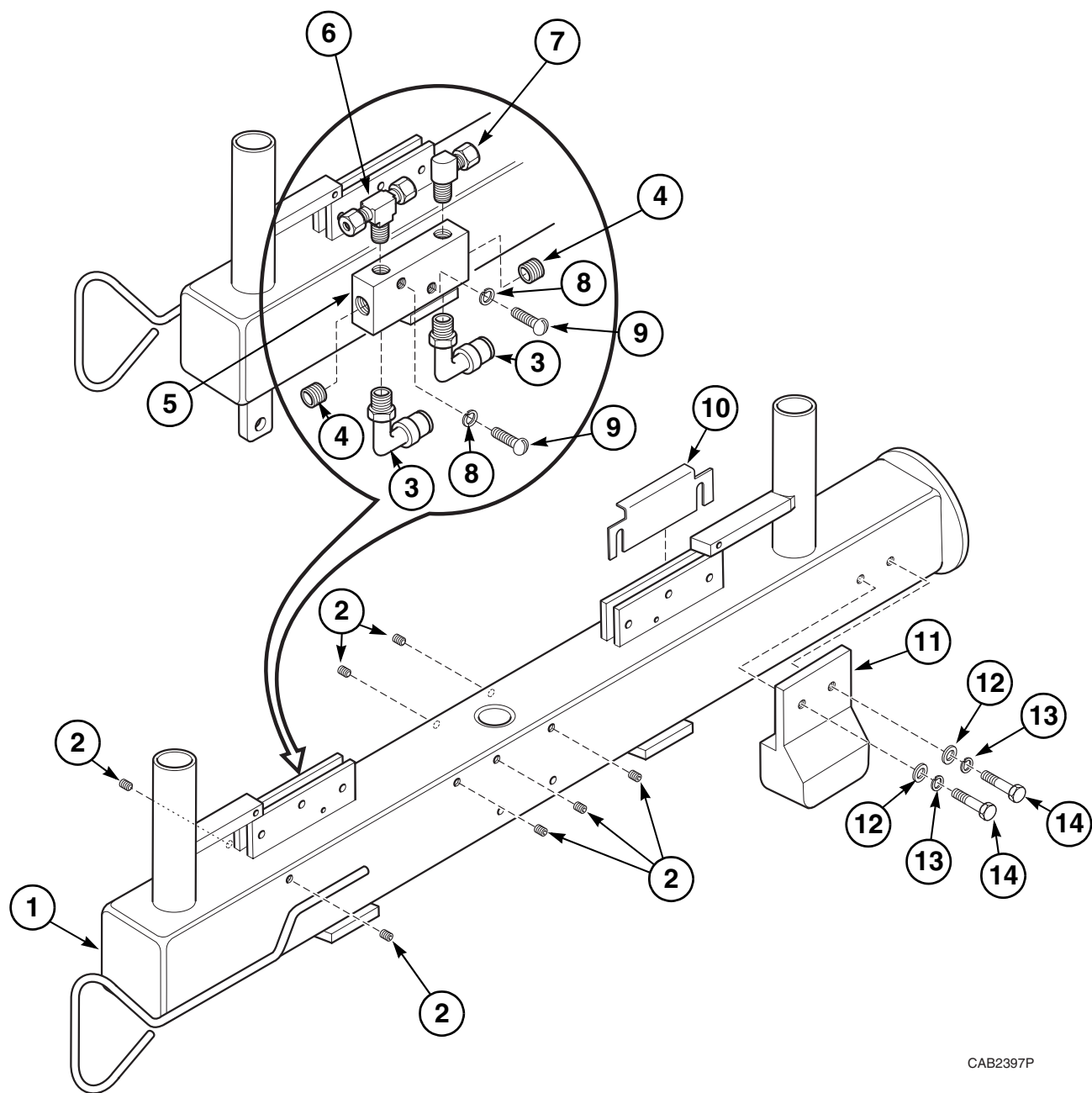
CAB2396P

Front Receiving Tube (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1436914	Receiving Tube Assembly	Includes items 1-16
	J1484609	Cylinder and Carriage Tubing Assembly	Includes items 2-7
1	J1546084	Receiving Tube Weldment	
2	JC-70613	Tee	
3	J1416759	Connector	
4	J1232313	Nipple	
5	J1381607	Tail Clamp Cylinder	
6	J1381599	Bracket	
7	F422101	Connector	
8	J1484393	Shim	
9	JA-23921	Cam	
10	JC-80513	Washer	2 required
11	J1185073	Washer	2 required
12	J1001726	Screw	2 required
13	JA-17207	Clip	
14	J1000975	Washer	
15	M400044	Screw	
16	JA-04749	Key	

Front Receiving Tube (Drawing 2 of 2)

Models CBBY-XV and DFB-XV



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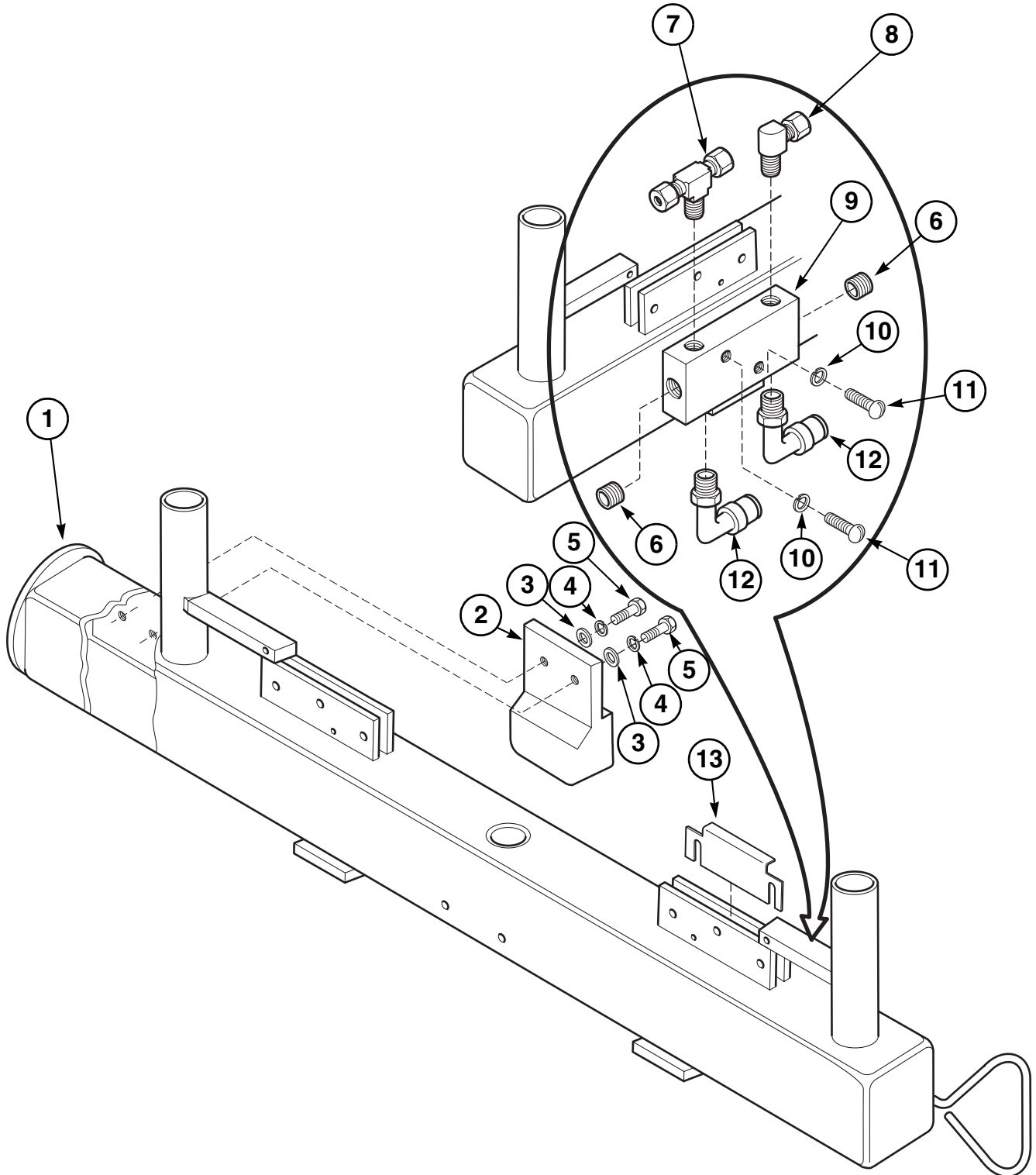
Front Receiving Tube (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1473156	Air Manifold Assembly	Includes items 3-7
1	J1546084	Receiving Tube Weldment	
2	N/A	Screw	7 required
3	J1407741	Elbow	2 required
4	J1039858	Plug	2 required
5	J1618958	Manifold	
6	JC-30734	Tee	
7	JA-50770	Elbow	
8	J1000975	Washer	2 required
9	JC-61273	Screw	2 required
10	J1484393	Shim	Use as necessary to secure buck
11	JA-23921	Cam	
12	JC-80513	Washer	2 required
13	J1185073	Washer	2 required
14	J1001726	Screw	2 required

N/A = Part no longer available

Rear Receiving Tube (Drawing 1 of 2)

Model DFB-XV



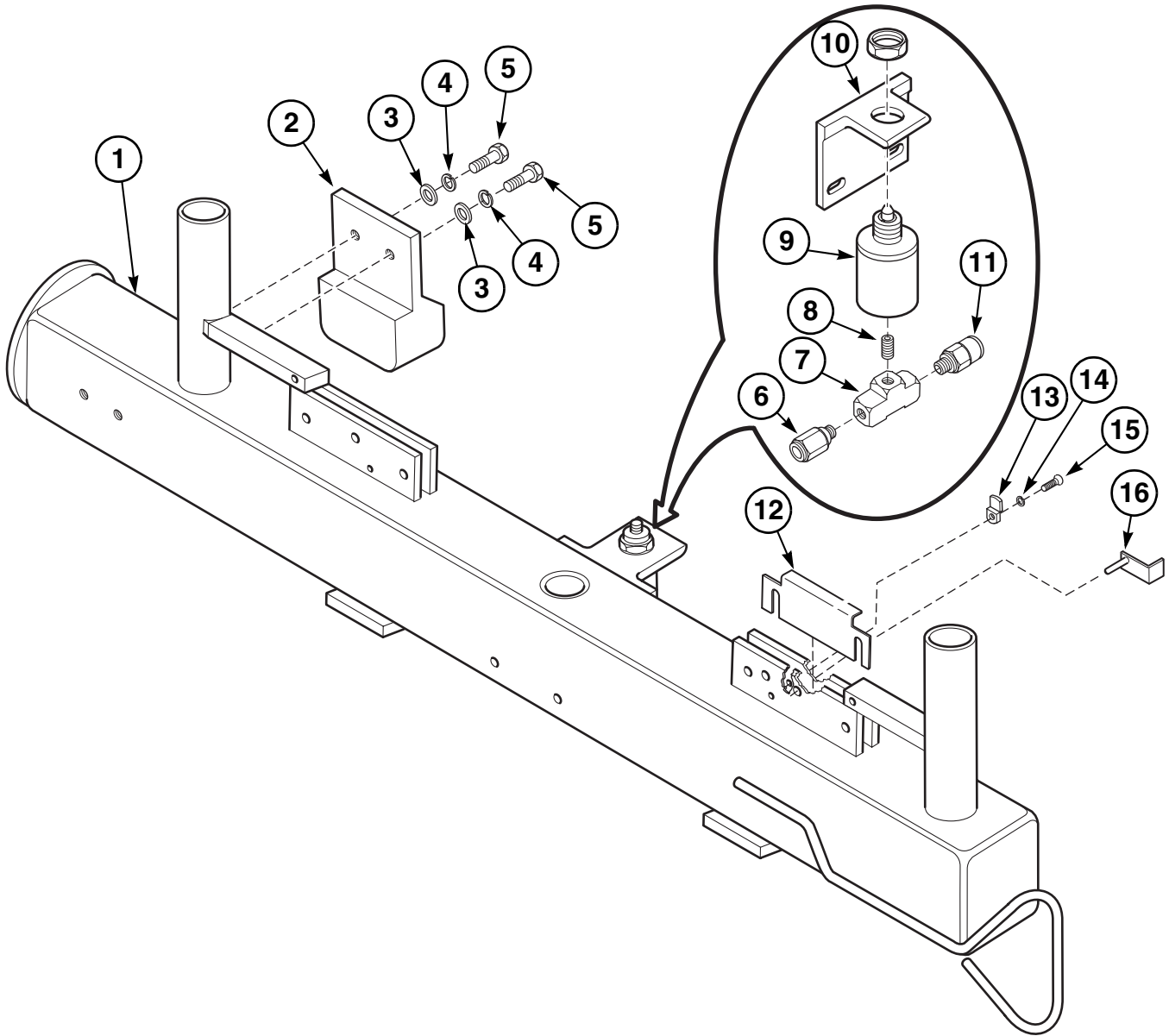
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Rear Receiving Tube (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1473156	Air Manifold Assembly	Includes items 2-6
1	J1546092	Receiving Tube Weldment	
2	JA-23921	Cam	
3	JC-80513	Washer	2 required
4	J1185073	Washer	2 required
5	J1001734	Screw	2 required
6	J1039858	Plug	2 required
7	JC-30734	Tee	
8	JA-50770	Elbow	
9	J1618958	Manifold	
10	J1000975	Washer	2 required
11	JC-61273	Screw	2 required
12	J1407741	Elbow	2 required
13	J1484393	Shim	Use as necessary to secure buck

Rear Receiving Tube (Drawing 2 of 2)

Model DFB-X

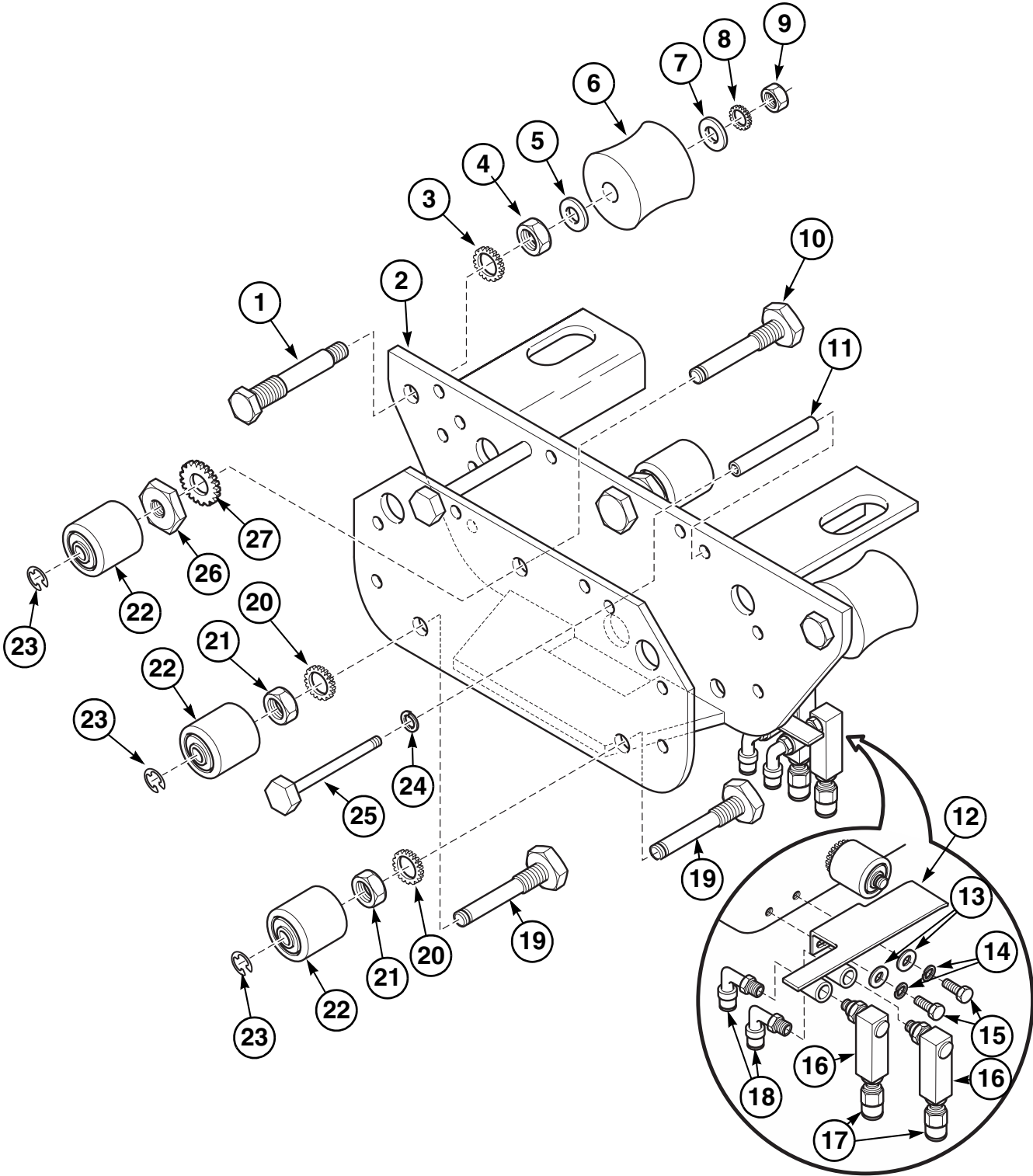


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Rear Receiving Tub (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1436914	Receiving Tube Assembly	Includes items 1-16
	J1484609	Cylinder and Carriage Tubing Assembly	Includes items 6-11
1	J1546092	Receiving Tube Weldment	
2	JA-23921	Cam	
3	JC-80513	Washer	2 required
4	J1185073	Washer	2 required
5	J1001734	Screw	2 required
6	J1416759	Connector	
7	JC-70613	Tee	
8	J1232313	Nipple	
9	J1381607	Tail Clamp Cylinder	Includes nut
10	J1381599	Bracket	
11	F422101	Connector	
12	J1484393	Shim	
13	JA-17207	Clip	
14	J1000975	Washer	
15	M400044	Screw	
16	JA-04749	Key	

Carriage Sub-Assembly



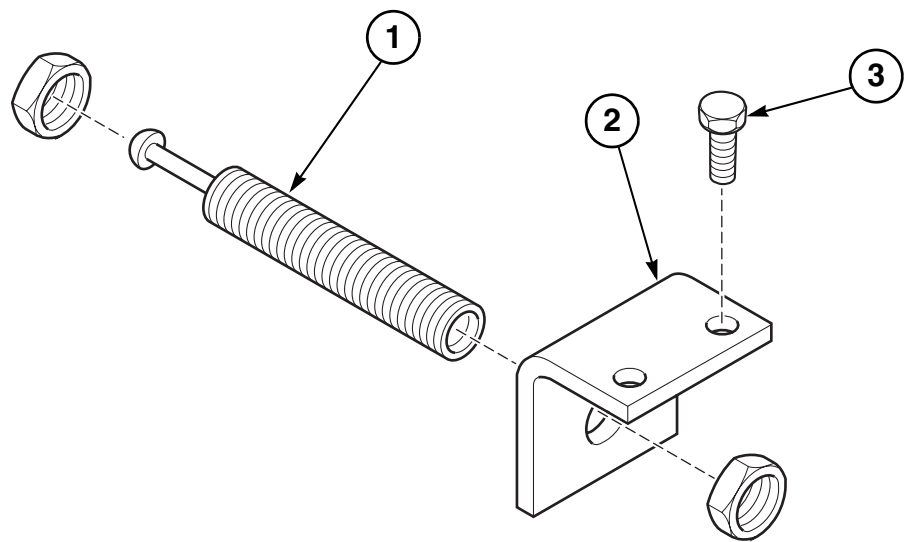
CAB2275P

Carriage Sub-Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1435247	Carriage Sub-Assembly	Includes items 1-11 and 19-27
	J1488816	Front Swivel Bracket Assembly	Models CBBY-X and DFB-X; Includes items 12 and 16-18
	JA-23390	Spacer	.075 thick; Use as necessary to shim buck
	JA-23391	Spacer	.060 thick; Use as necessary to shim buck
	JA-23392	Spacer	.048 thick; Use as necessary to shim buck
	JA-23393	Spacer	.036 thick; Use as necessary to shim buck
	JA-22689	Washer	
	91200	Washer	
	JA-50190	Screw	
1	JA-23284	Shaft	Roller locking; 2 required
2	JA-09243	Front Carriage Weldment	
3	JA-53985	Washer	4 required
4	M400022	Nut	4 required
5	J1618990	Washer	2 required
6	JA-06318	Roller	Concave; 2 required
7	J1001304	Washer	2 required
8	N/A	Washer	2 required
9	20274	Nut	2 required
10	JA-23283	Shaft	Roller adjusting; 2 required
11	JA-23019	Spacer	2 required
12	N/A	Front Swivel Bracket Weldment	
13	JC-80513	Washer	2 required
14	J1185073	Washer	2 required
15	J1023894	Screw	2 required
16	JA-54426	Fitting	2 required
17	F422101	Connector	2 required
18	J1407741	Elbow	2 required
19	JA-23282	Shaft	2 required
20	JA-53985	Washer	4 required
21	M400022	Nut	4 required
22	JA-09186	Flat Roller	4 required
23	JA-53987	Retaining Ring	4 required
24	M400013	Washer	2 required
25	JC-60006	Screw	2 required
26	JA-22687	Nut	2 required
27	JA-53986	Washer	2 required

N/A = Part no longer available

Shock Absorber Assembly

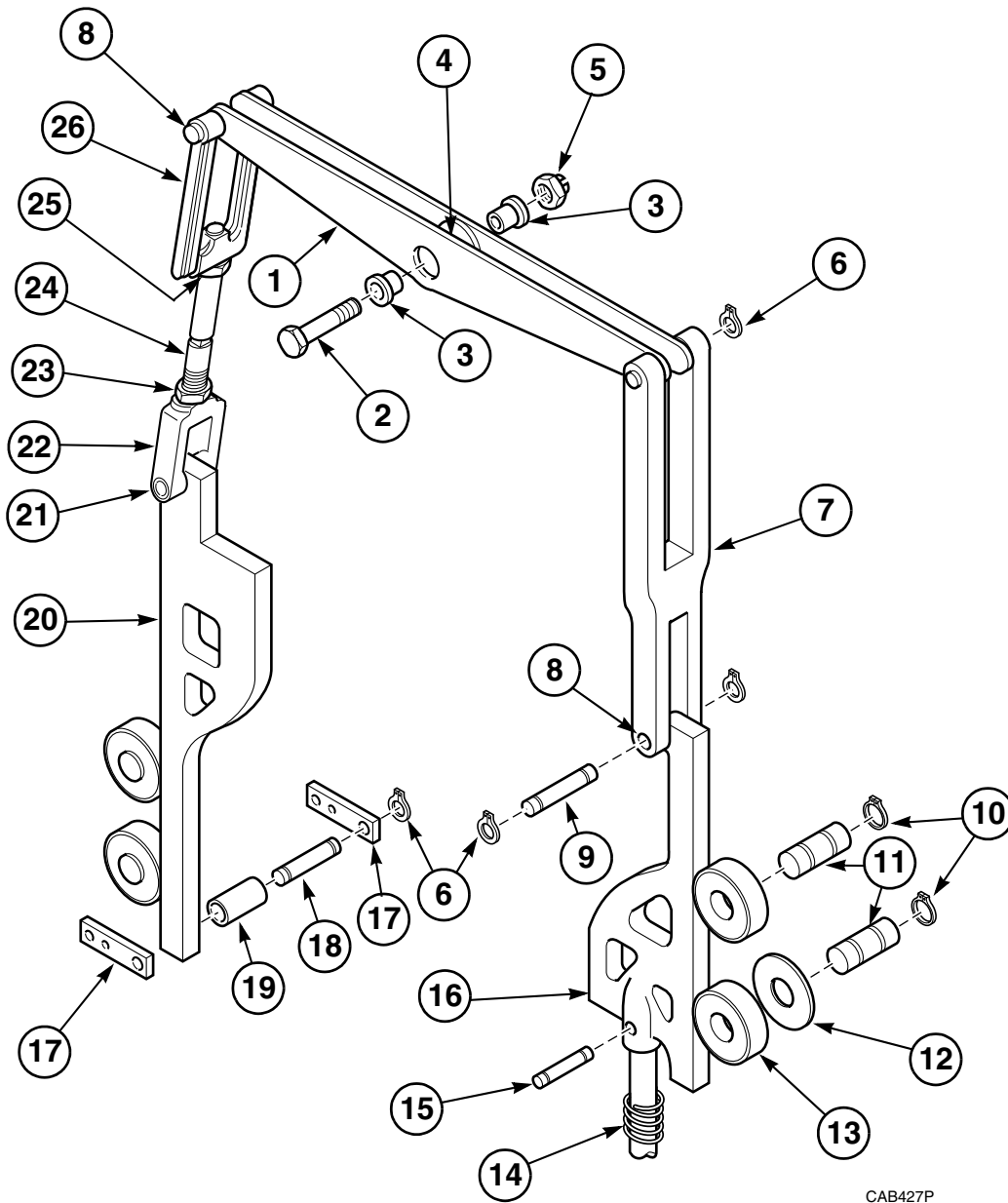


CAB2400P

Shock Absorber Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1626845	Shock Absorber Assembly	Includes items 1 and 2
1	J1626837	Shock Absorber	Includes nuts
2	J1518091	Mounting Bracket	
3	JC-62724	Screw	2 required

Rocker Arm and Cam Components

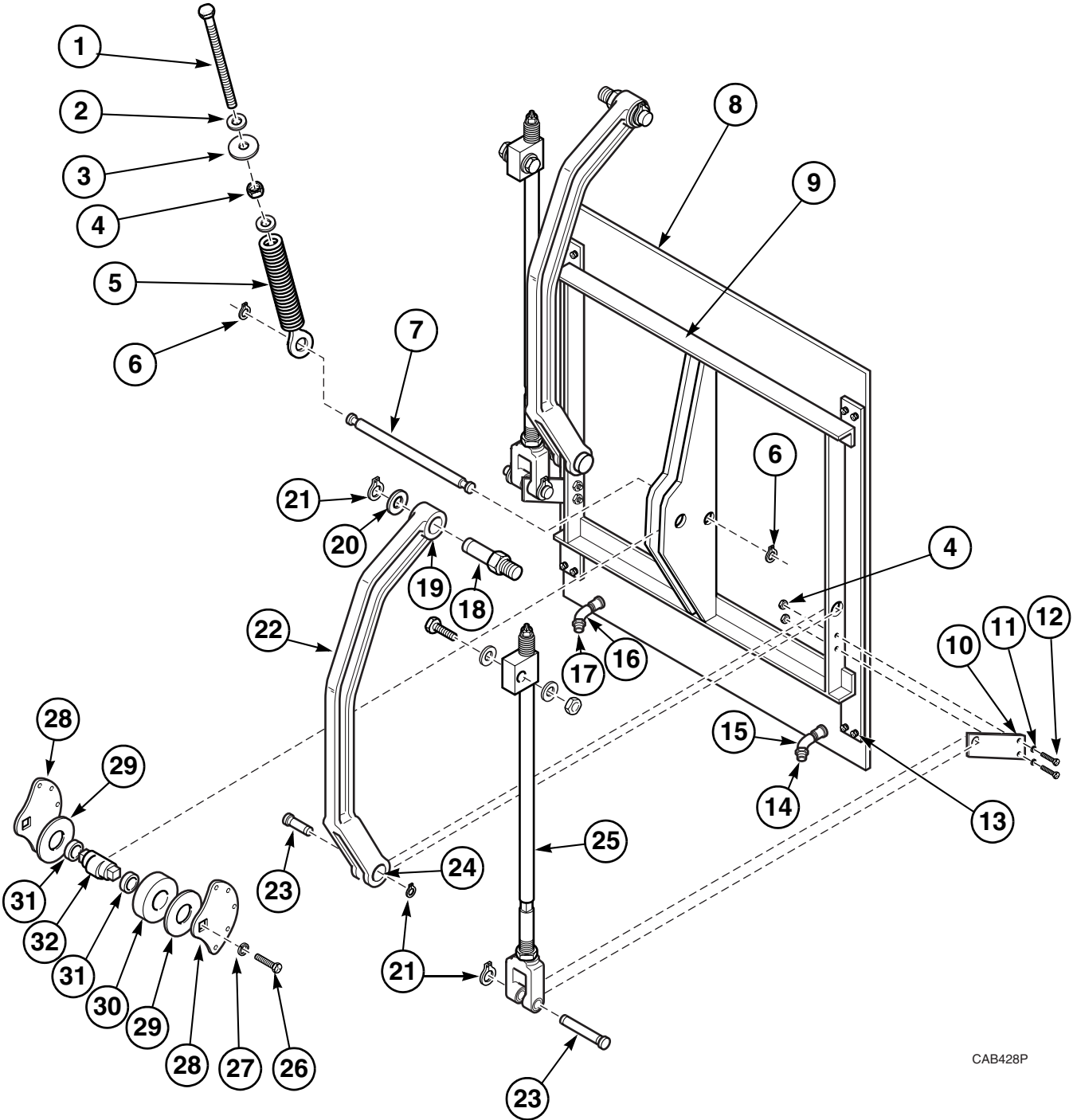


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Rocker Arm and Cam Components

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-08726	Rocker Arm Assembly	Includes items 1-15
1	JA-08893	Rocker Arm Weldment	2 required
2	JA-50284	Screw	
3	JA-12024	Bushing	2 required
4	JA-50897	Bearing	2 required
5	JA-50742	Nut	
6	JA-50976	Retaining Ring	10 required
7	JA-08752	Cam Clevis Assembly	Includes item 8
8	JA-50909	Bearing	6 required
9	JA-12257	Cam Clevis Pin	2 required
10	JA-50962	Retaining Ring	8 required
11	JA-22999	Shaft	4 required
12	JA-16924	Shield	Use as required
13	JA-50964	Bearing	4 required
14	J1144732	Compression Spring	2 required
15	JC-54829	Roll Pin	
16	J1444090	Cam	Front
17	JA-12017	Cam Roller Guide	2 required
18	JA-22681	Cam Guide Pin	
19	JA-08829	Cam Roller Guide	
20	JA-24622	Cam	Rear
21	JA-51056	Bearing	2 required
22	JA-08708	Lower Clevis Assembly	Includes item 21
23	JC-48169	Nut	
	JA-52116	Screw	2 required
24	JA-22574	Adjusting Rod	
25	JA-50438	Nut	
	JA-53116	Washer	
26	JA-08723	Upper Clevis Assembly	Includes item 8

Rear Head Components



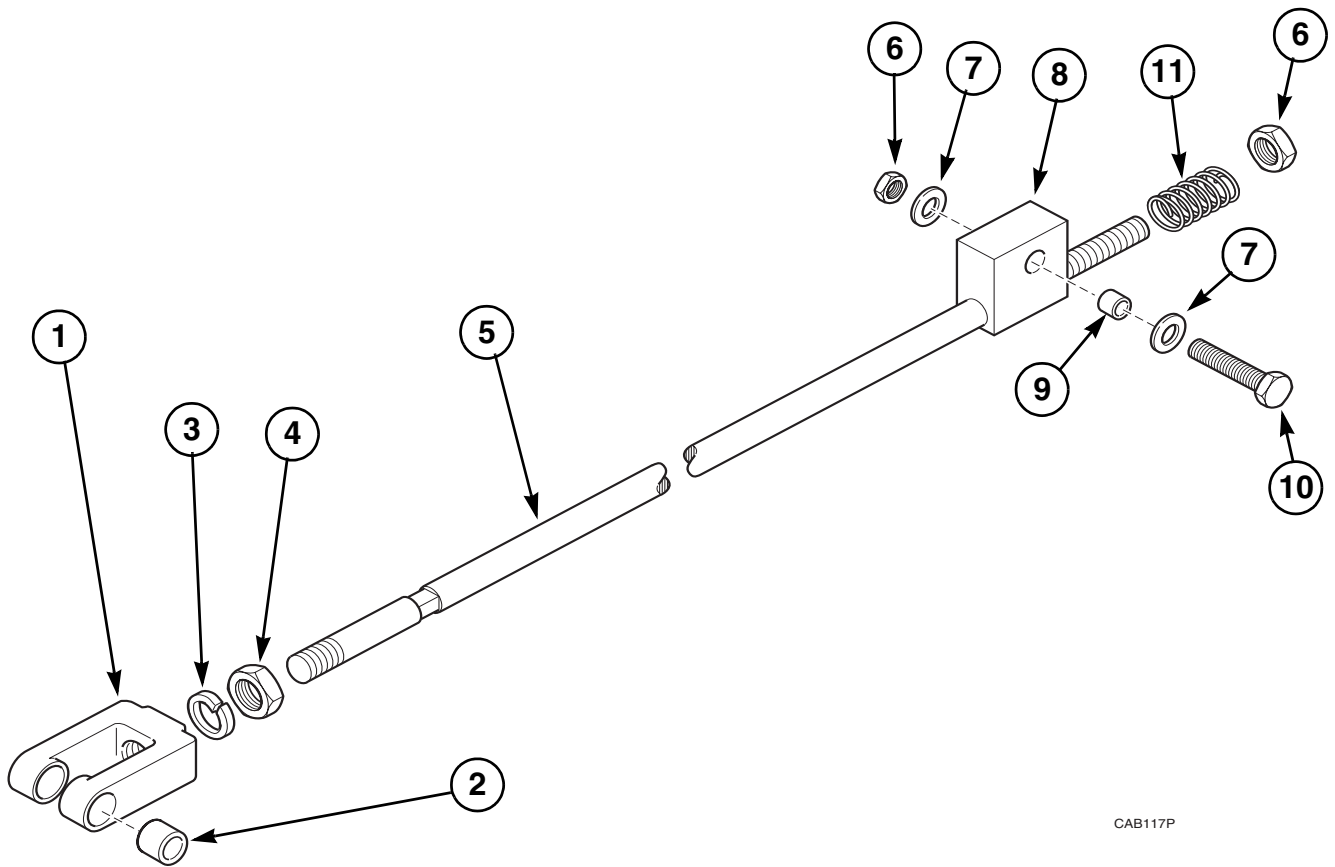
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Rear Head Components

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-08711	Head Hanger Actuating Assembly	Includes items 19, 22 and 24; 2 required
1	JA-10158	Screw	2 required
2	N/A	Washer	2 required
3	JA-51527	Gasket	2 required; Rubber
4	N/A	Nut	6 required
5	JA-08705	Spring Assembly	2 required
6	JA-50976	Retaining Ring	2 required
7	JA-22498	Spring Rod	
8	JA-81886	Rear Head Weldment	
9	JA-80097	Rear Head Frame Weldment	
10	JA-22499	Pivot Bracket	2 required
11	M400014	Washer	4 required
12	N/A	Screw	4 required
13	M400057	Screw	16 required
14	J1319276	Connector	
15	J1231521	Elbow	
16	JC-46062	Nipple	
17	JC-28237	Elbow	
18	JA-22497	Pivot Pin	2 required
19	JA-53768	Bearing	2 required
20	JA-53134	Washer	4 required
21	JA-51330	Retaining Ring	8 required
22	N/A	Head Hanger	
23	JA-22505	Hanger Pin	2 required
24	JA-50897	Bearing	
25	JA-09220	Rear Head Adjusting Rod Assembly	2 required; Refer to <i>Rear Head Adjusting Rod Assembly</i> section for parts breakdown
26	JC-62724	Screw	2 required
27	M400013	Washer	Also used with item 13; 18 required
28	JA-11761	Eccentric Quadrant	2 required
29	JA-16924	Shield	Use as required
30	JA-50964	Bearing	
31	JA-11763	Bearing	2 required
32	JA-11762	Eccentric	

N/A = Part no longer available

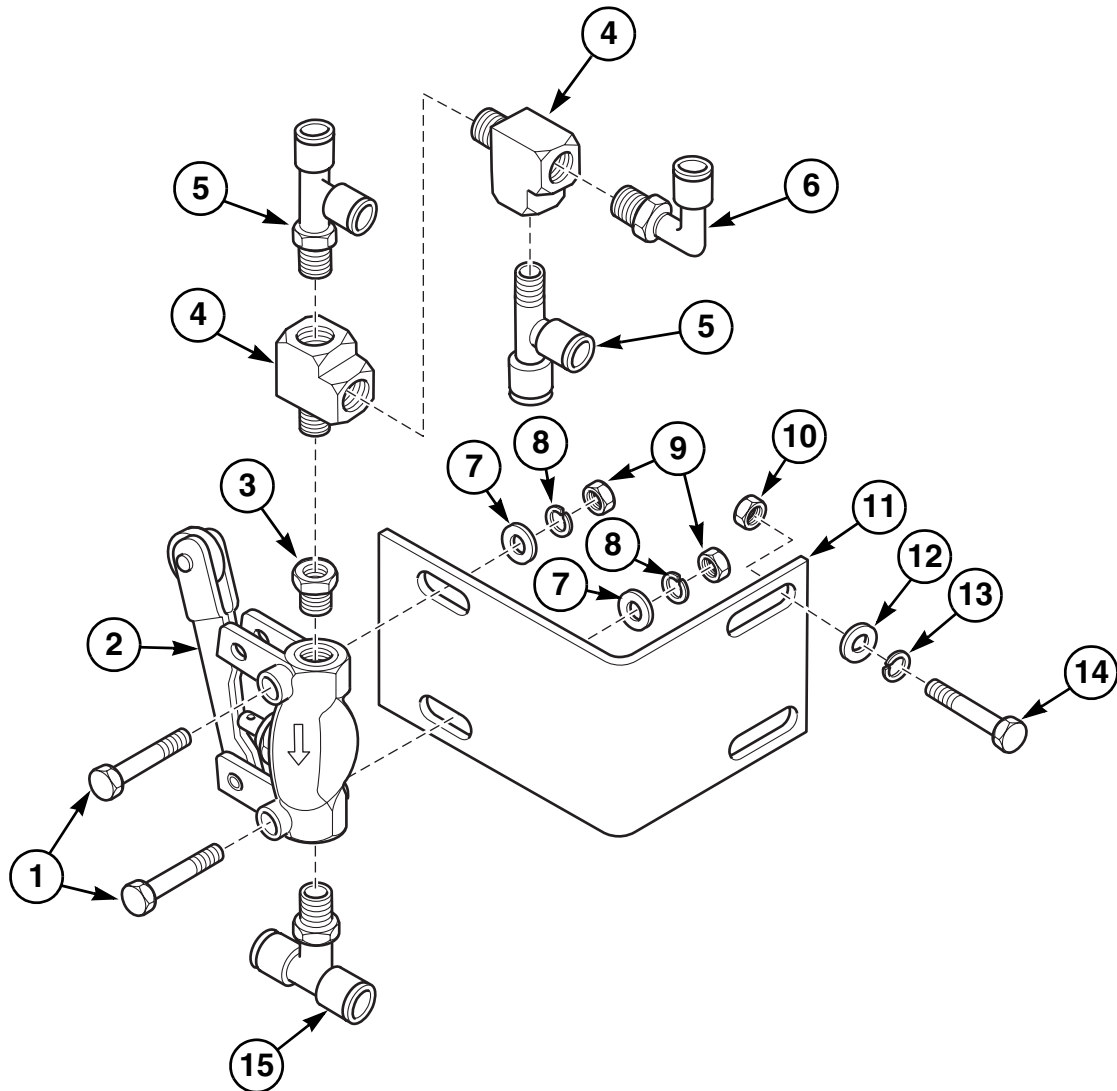
Head Adjusting Rod Assembly



Head Adjusting Rod Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-08727	Front Head Adjusting Rod Assembly	Includes items 1-11
	JA-09220	Rear Head Adjusting Rod Assembly	Includes items 1-11
1	JA-08707	Head Adjusting Clevis	Includes item 2
2	JA-51326	Bearing	2 required
3	JA-53116	Washer	
4	JC-48169	Nut	
5	JA-22686	Front Head Adjusting Rod	24-1/2 inches
	JA-23246	Rear Head Adjusting Rod	23-1/2 inches
6	JA-50742	Nut	2 required
7	J1001338	Washer	2 required
8	JA-05025	Bracket Assembly	Includes item 9
9	JA-51070	Bearing	
10	J1311307	Screw	
11	JA-52276	Spring	

Front Head Open Roller Valve Assembly



CAB2276P

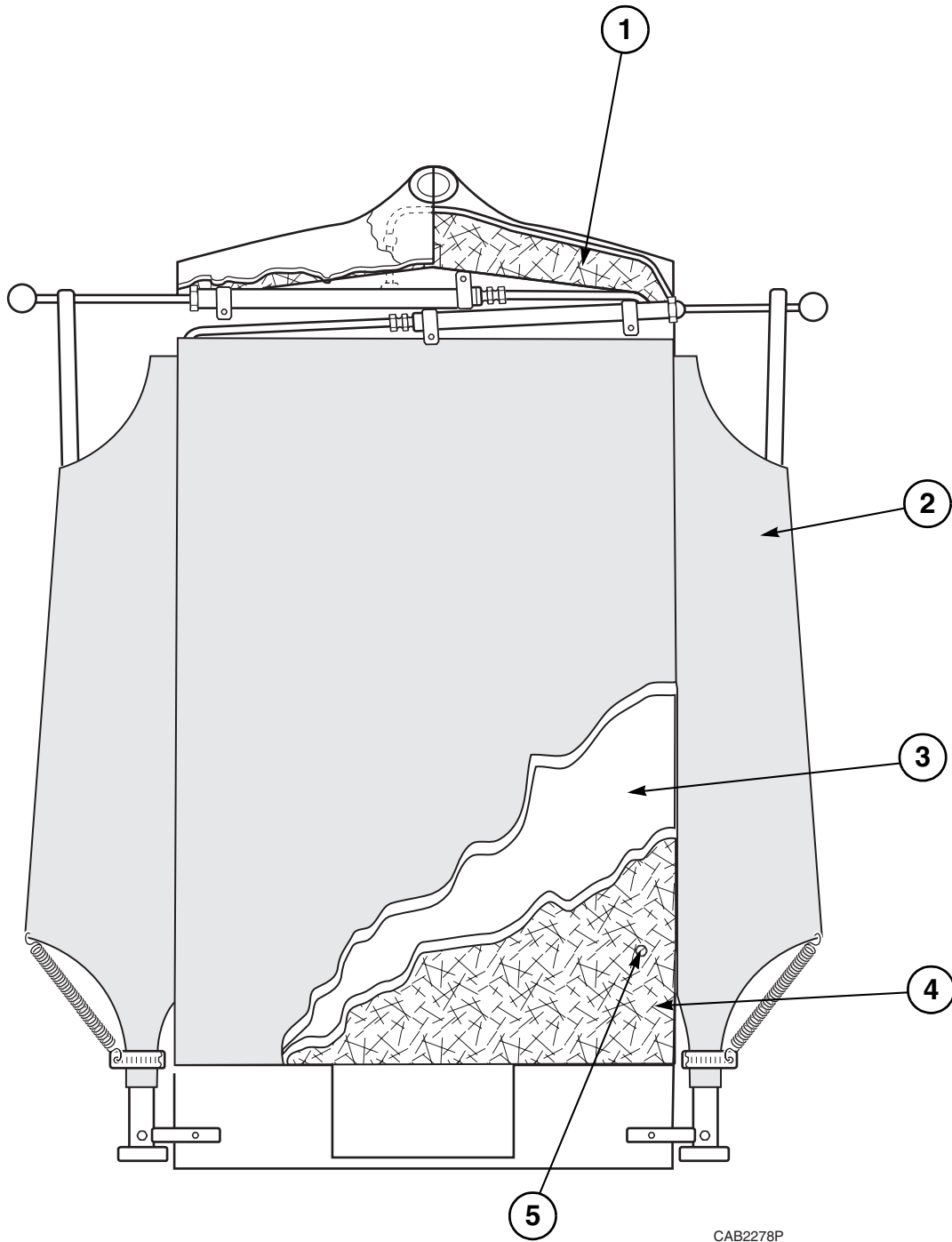
Front Head Open Roller Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1523935	Front Head Open Roller Valve Assembly	Includes items 2-6 and 15
1	N/A	Screw	
2	JA-53892	Roller Valve	3-way
3	JC-19609	Bushing	
4	JC-30541	Tee	2 required
5	J1438357	Tee	2 required
6	J1407741	Elbow	
7	JC-80513	Washer	
8	J1185073	Washer	
9	20275	Nut	
10	J1000769	Nut	2 required
11	J1438431	Bracket	
12	JC-80513	Washer	2 required
13	J1185073	Washer	2 required
14	JC-63116	Screw	2 required
15	J1460484	Tee	

N/A = Part no longer available

Buck and Cover Assembly (Drawing 1 of 4)

Models DFB-XV and CBBY-XV

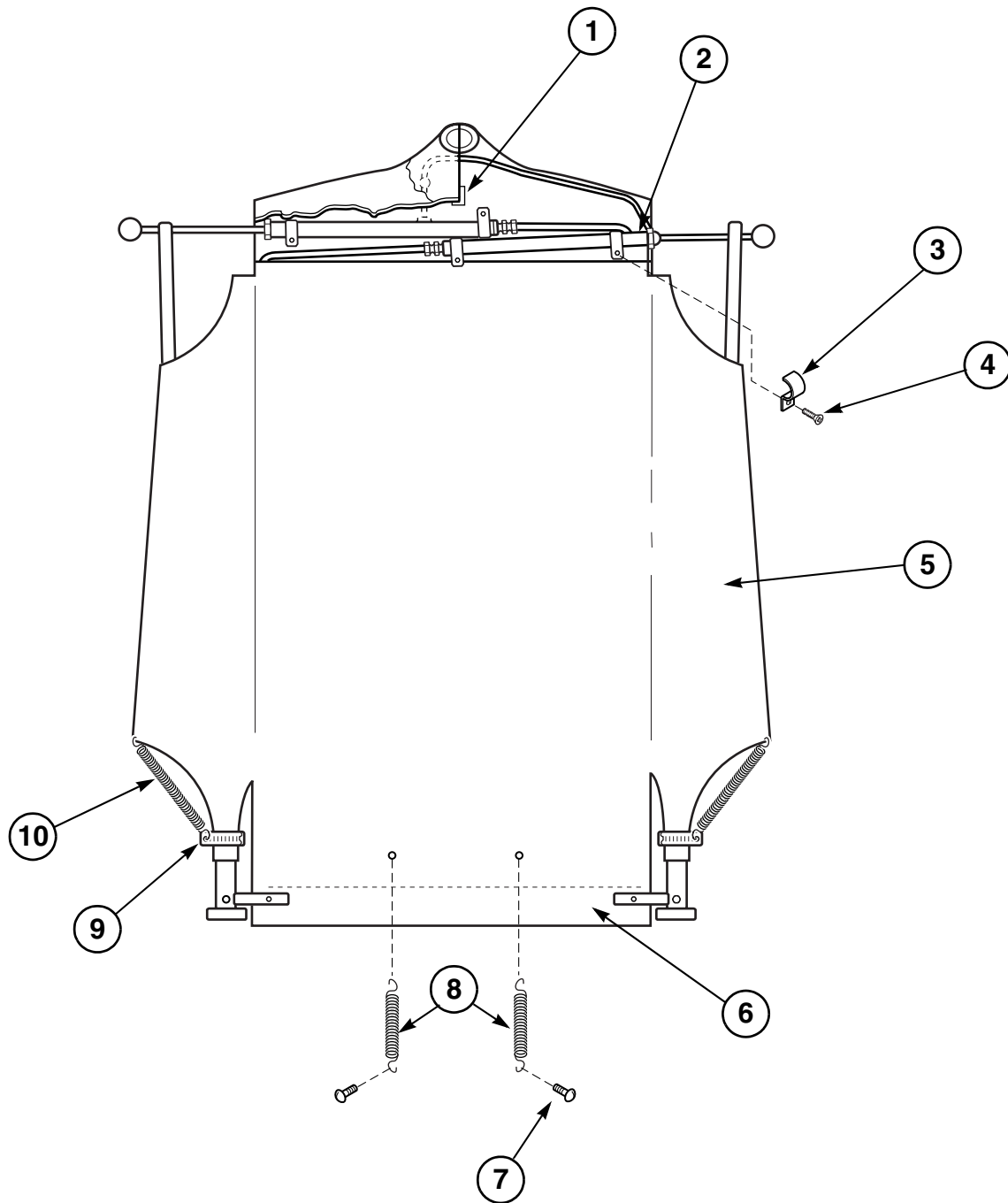


Buck and Cover Assembly (Drawing 1 of 4)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1473529	Buck and Cover Assembly	Front; 18 inch models
	J1494293	Buck and Cover Assembly	Front; 20 inch models
	J1473537	Buck and Cover Assembly	Rear; 18 inch models
	J1494301	Buck and Cover Assembly	Rear; 20 inch models
1	J1470285	Spring Padding Assembly	18 inch models
	J1494269	Spring Padding Assembly	20 inch models
2	J1473404	Cover and Bag Assembly	18 inch models
	J1494251	Cover and Bag Assembly	20 inch models
3	J1473412	Flaminel Padding Assembly	30 ounce; 18 inch models
	J1494244	Flaminel Padding Assembly	30 ounce; 20 inch models
4	J1470277	Steel Wool Padding Assembly	18 inch models
	J1494277	Steel Wool Padding Assembly	20 inch models
5	J1333285	Screw	Use to attach steel wool padding

Buck and Cover Assembly (Drawing 2 of 4)

Models DFB-XV and CBBY-XV



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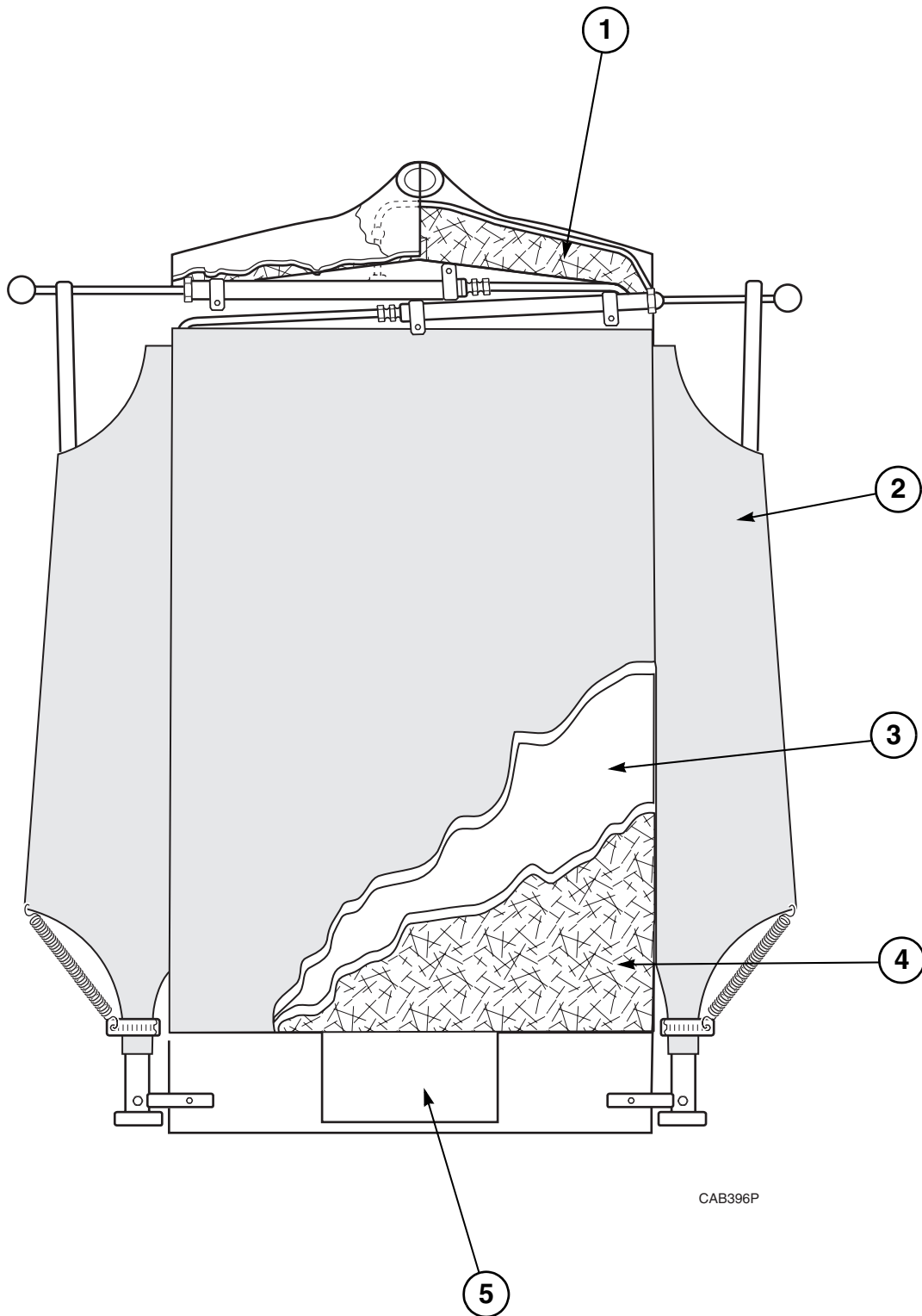
Buck and Cover Assembly (Drawing 2 of 4)

REF	PART NO.	DESCRIPTION	COMMENTS
1	JA-24579	Mounting Bracket Clamp	Use JA-24245 Nut and J1354612 Screw to attach
2	J1473107	Sleeve Expander Assembly	18 inch models
	J1492867	Sleeve Expander Assembly	20 inch models
3	J1187889	Clip	
4	JC-62593	Screw	
5	J1470293	Buck Plate Weldment	Front; 18 inch models
	J1494194	Buck Plate Weldment	Front; 20 inch models
	N/A	Buck Plate Weldment	Rear; 18 inch models
	J1494202	Buck Plate Weldment	Rear; 20 inch models
6	JA-54156	Screw	
7	JA-51399	Spring	
8	JA-51758	Safety Pin	
9	N/A	Spring	
10	J1185073	Washer	
11	20275	Nut	
12	J1528595	Retaining Ring	

N/A = Part no longer available

Buck and Cover Assembly (Drawing 3 of 4)

Models DFB-X and CBBY-X



Buck and Cover Assembly (Drawing 3 of 4)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1533900	Buck and Cover Assembly	18 inch models
	J1533942	Buck and Cover Assembly	20 inch models
1	JA-09474	Spring Padding Assembly	18 inch models
	JA-09023	Spring Padding Assembly	20 inch models
2	J1473404	Cover and Bag Assembly	18 inch models
	J1494251	Cover and Bag Assembly	20 inch models
3	JA-09476	FlamoneI Padding Assembly	30 ounce; 18 inch models
	JA-09164	FlamoneI Padding Assembly	30 ounce; 20 inch models
4	J1444009	Steel Wool Padding Assembly	18 inch models
	J1530989	Steel Wool Padding Assembly	20 inch models
5	J1531797	Plate	18 inch models
	J1533843	Plate	20 inch models

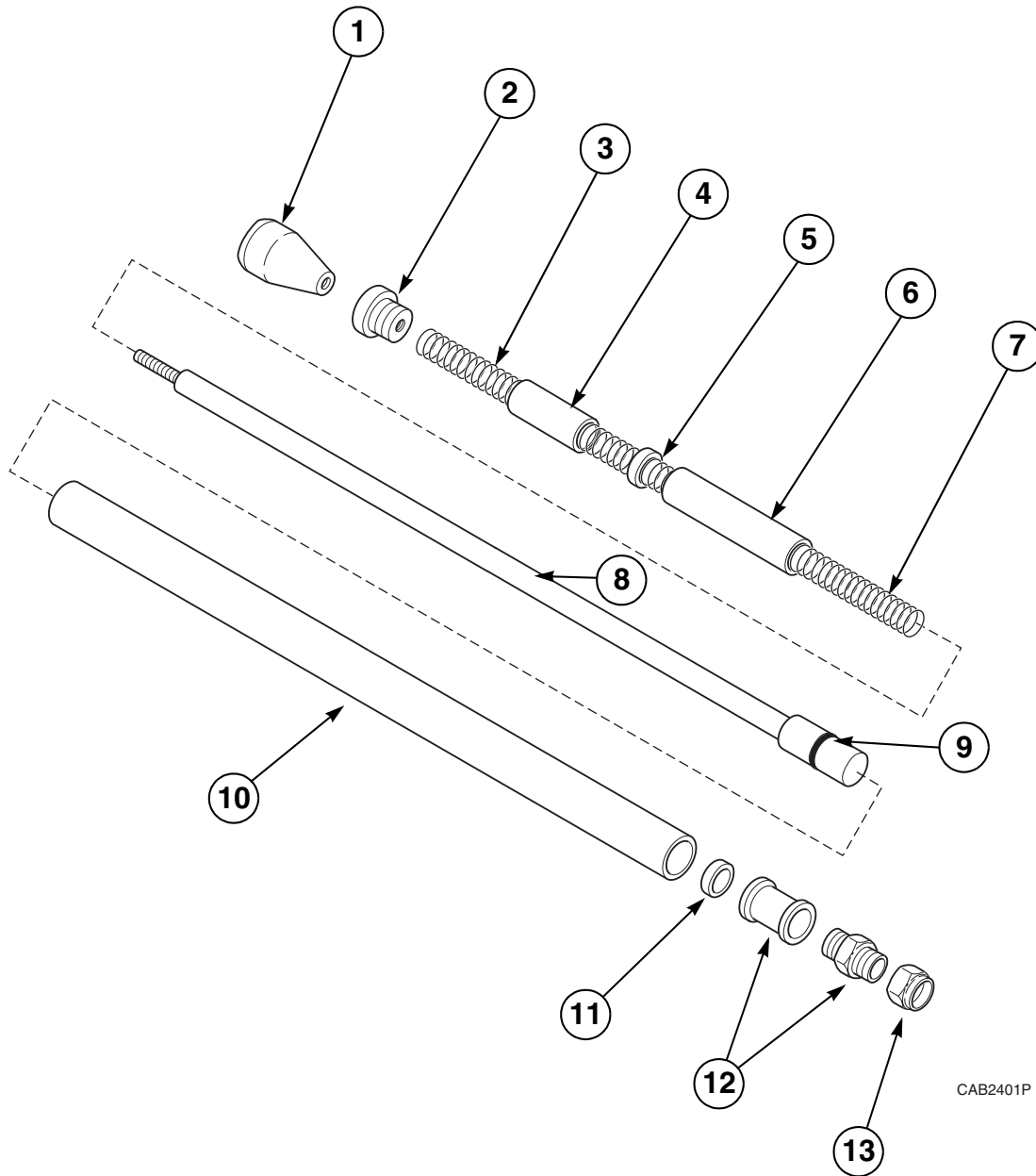
Models DFB-X and CBBY-X



Buck and Cover Assembly (Drawing 4 of 4)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1473107	Sleeve Expander Assembly	18 inch models
	J1492867	Sleeve Expander Assembly	20 inch models
2	JA-24579	Mounting Bracket Clamp	Use JA-24245 Nut and J1354612 Screw to attach
3	JA-52758	Spring	
4	J1187889	Clip	
5	JA-51725	Screw	
6	J1153865	Hose Clamp	
7	JA-80328	Air Bag Tube Assembly	18 inch models
	JA-80329	Air Bag Tube Assembly	20 inch models
8	JA-09835	Elbow and Tee Assembly	
9	J1075175	Connector	
10	JA-51399	Spring	
11	JA-09836	Elbow and Connector Assembly	
12	JA-19037	Shaft Guide	Models through December 1994
	J1541820	Shaft Guide	Models starting December 1994
13	JA-54156	Screw	
14	J1185073	Washer	
15	JA-19051	Tail Clamp Shaft	
16	J1299262	Tail Clamp Pivot Weldment	
17	JA-51455	Spring	
18	JC-62593	Screw	
19	J1299296	Tail Clamp Assembly	
20	JA-51758	Safety Pin	
21	J1528595	Retaining Ring	

Sleeve Expander Assembly

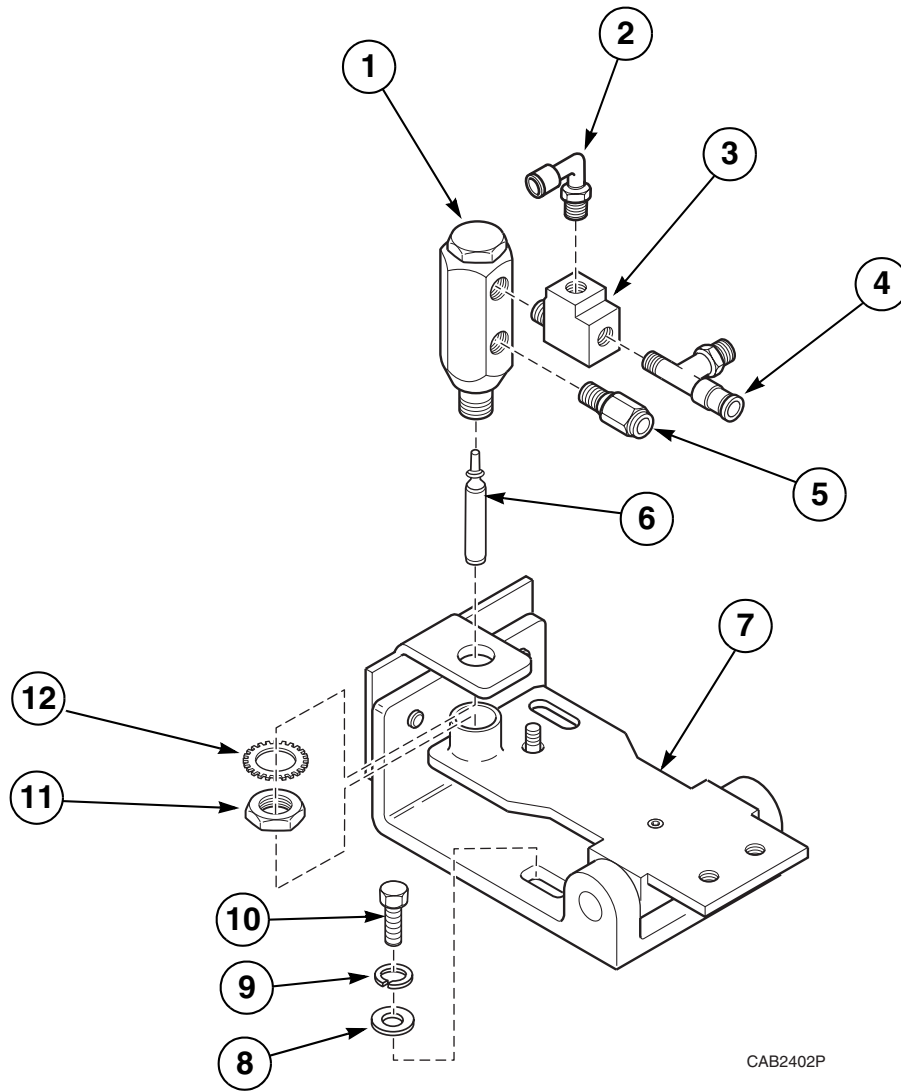


Sleeve Expander Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1473107	Sleeve Expander Assembly	2 required; 18 inch models; Includes items 1-13
	J1492867	Sleeve Expander Assembly	2 required; 20 inch models; Includes items 1-4, 6, 7 and 9-13
	JKIT-00220	Sleeve Expander Kit	Replaces Sleeve Expander J1444181; 18 inch models through April 1992
	J1492867P	Sleeve Expander Kit	Replaces Sleeve Expanders JA-07014 and JA-08098; 20 inch models through April 1992
1	J1467968	Sleeve Expander Knob	Includes o-ring
2	J1473792	Bushing	Front
3	JA-53077	Spring	Shorter
4	JA-19785	Spacer	
5	JA-12217	Separator	
6	JA-16120	Spacer	
7	JA-50932	Spring	Longer
8	N/A	Shaft and Piston Assembly	18 inch models; Includes items 2 and 9
	J1616408	Shaft and Piston Assembly	20 inch models; Includes items 2 and 9
9	J1473800	Seal	
10	J1473784	Sleeve Expander Tube	18 inch models
	N/A	Sleeve Expander Tube	20 inch models
11	J1507342	Spacer	
12	J1473776	Bushing	
13	J1151661	Connector	

N/A = Part no longer available

Pedal Base and Valve Assembly

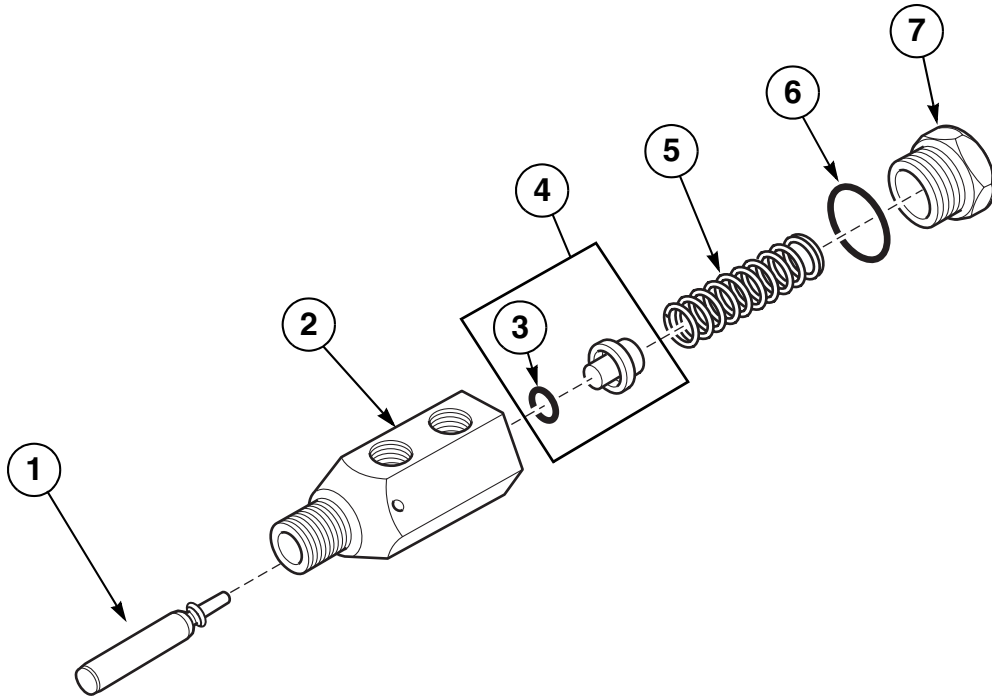


Pedal Base and Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	N/A	Pedal Base and Valve Assembly	Models through September 1996; Includes items 1-7, 11 and 12
	J1484682	Pedal Base and Valve Assembly	Models starting September 1996; Includes items 1, 3-7, 11 and 12
1	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown
2	J1407741	Elbow	Models through September 1996
3	JC-30541	Tee	
4	J1438357	Tee	
5	F422101	Connector	
6	J1611417	Valve Stem	
7	J1484930	Pedal Base Assembly	Refer to <i>Pedal Base Assembly</i> section for parts breakdown
8	M400081	Washer	2 required
9	M400014	Washer	2 required
10	M400043	Screw	2 required
11	JA-51474	Nut	
12	JA-52196	Washer	

N/A = Part no longer available

Valve Body Assembly



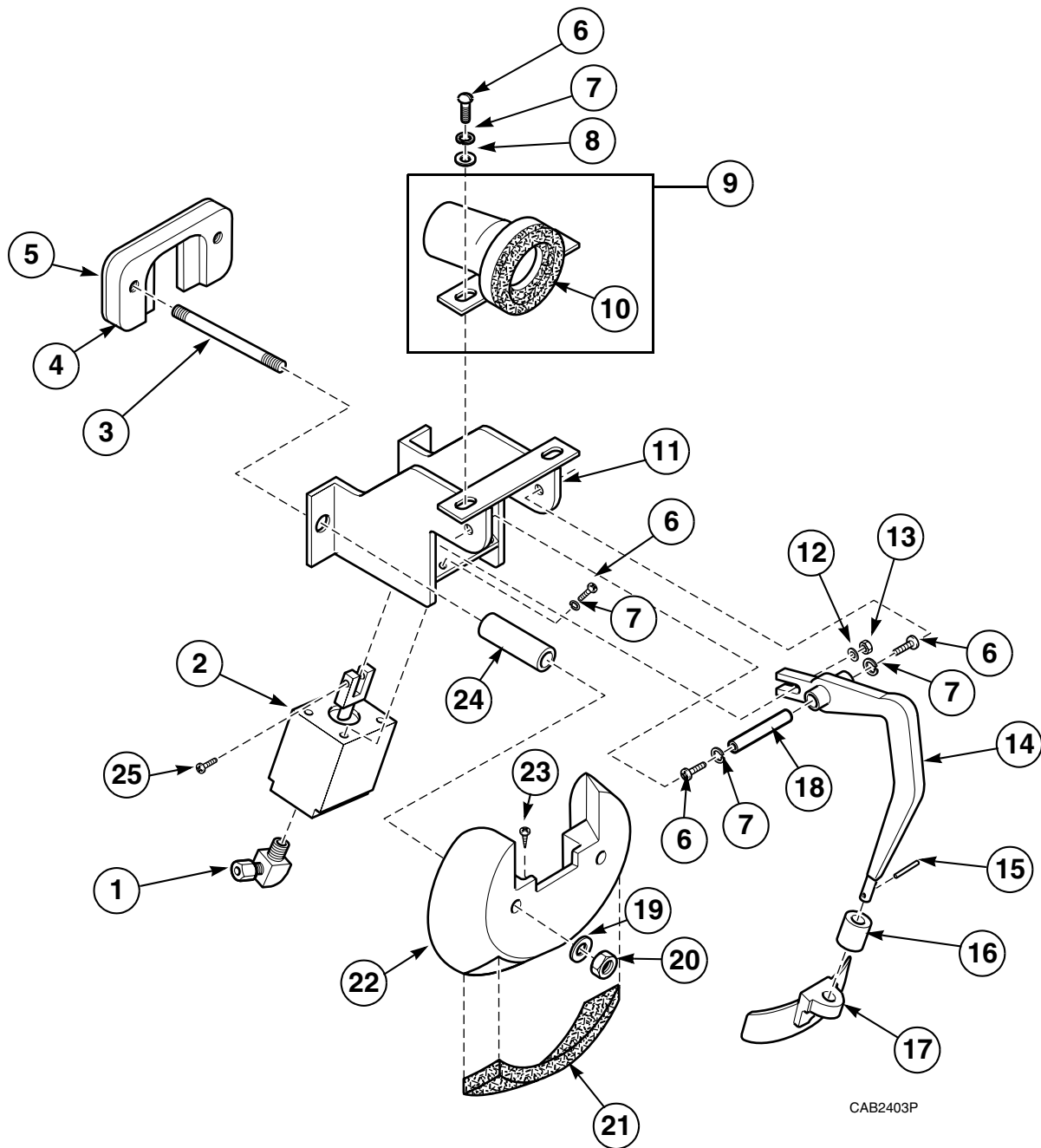
SCR1842P

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; Models starting June 1998
4	JA-11599	Valve	Includes item 3
5	JA-51336	Spring	
6	JC-57441	O-Ring	
7	JA-10515	Valve Cap	

Collar Block Assembly (Drawing 1 of 2)

Models Starting October 1993



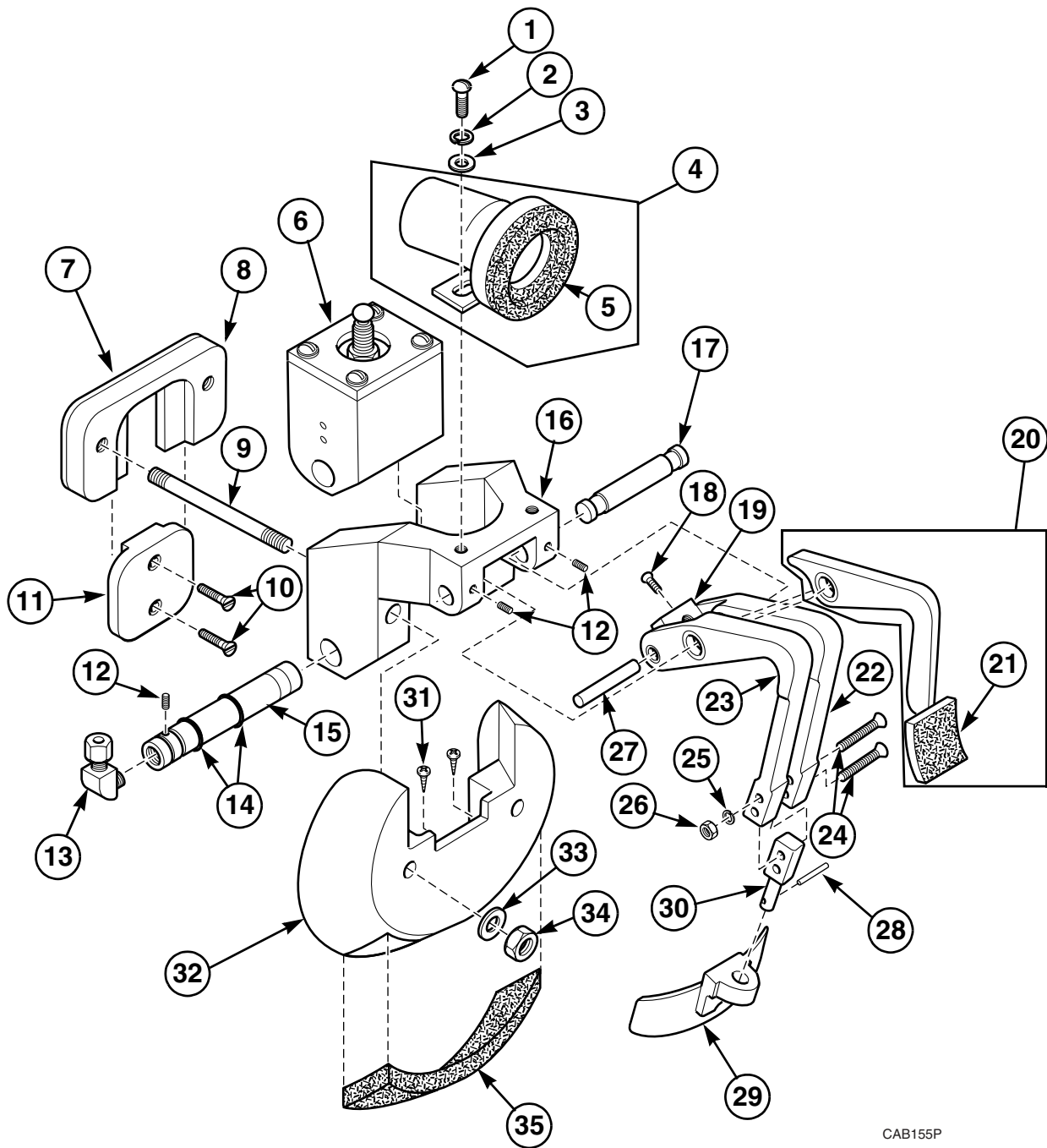
CAB2403P

Collar Block Assembly (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1484294	Collar Block Assembly	Includes items 1-25
1	JA-50770	Elbow	
2	J1504018	Collar Block Cylinder Assembly	Refer to <i>Collar Block Cylinder Assembly</i> section for parts breakdown
3	JA-24248	Stud	
4	JA-24249	Plate	
5	J1413087	Tape	
6	J1185107	Screw	
7	J1000975	Washer	
8	JC-80759	Washer	
9	JA-09174	Collar Tube Assembly	Includes item 10
10	J1401389	Seal	
11	J1484344	Collar Housing Weldment	
12	J1085984	Washer	
13	J1209113	Nut	
14	J1624774	Collar Block Arm Assembly	
15	J1407725	Roll Pin	
16	J1001270	Washer	
17	JA-22812	Clamp	
18	J1484401	Axle	
19	F431134	Washer	
20	M400026	Nut	
21	JA-09244	Insert Assembly	
22	JA-24340	Collar Block	
23	JA-50454	Screw	
24	J1488873	Spacer	2 required
25	J1489053	Screw	

Collar Block Assembly (Drawing 2 of 2)

Models Through October 1993



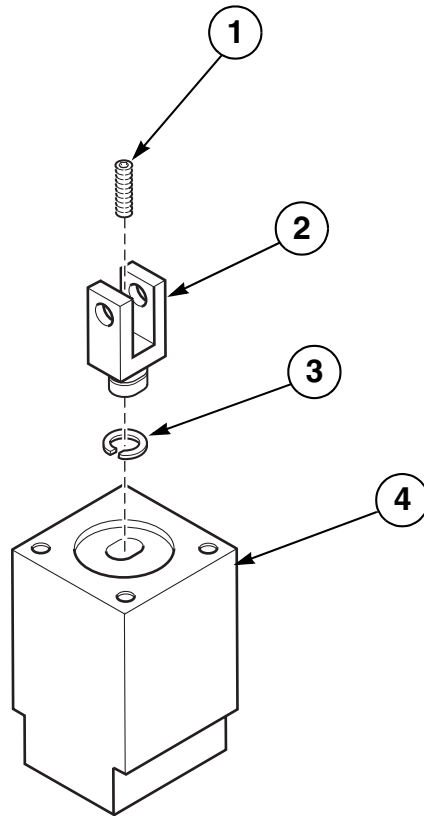
CAB155P

Collar Block Assembly (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-08877	Collar Block Assembly	Includes items 1-35
1	J1185107	Screw	2 required
2	J1000975	Washer	2 required
3	JC-80759	Washer	2 required
4	JA-09174	Collar Tube Assembly	Includes item 5
5	J1401389	Seal	
6	JA-09786	Collar Valve Assembly	Refer to <i>Collar Valve Assembly</i> section section for parts breakdown
7	J1413087	Tape	
8	JA-24249	Plate	
9	JA-24248	Stud	2 required
10	J1354612	Screw	
11	JA-24579	Mounting Bracket Clamp	
12	JA-50353	Screw	3 required
13	JA-50770	Elbow	
14	JA-51744	O-Ring	2 required
15	JA-22803	Shaft	
16	JA-22817	Collar Valve Housing	
17	JA-22798	Shaft	
18	JC-61344	Screw	
19	JA-22799	Nut	
20	JA-22813	Valve Release Arm	Includes item 21
21	J1433895	Plastic Boot	
22	JA-23719	Operating Arm	
23	JA-23720	Arm	
24	JA-54087	Screw	2 required
25	J1188473	Washer	2 required
26	J1000736	Nut	2 required
27	JA-54204	Dowel Pin	
28	J1407725	Roll Pin	
29	JA-22812	Clamp	
30	JA-22797	Swivel Pin	
31	JA-50454	Screw	2 required
32	JA-24340	Collar Block	
33	J1001304	Washer	2 required
34	M400026	Nut	2 required
35	JA-09244	Insert Assembly	

Collar Block Cylinder Assembly

Models Starting October 1993



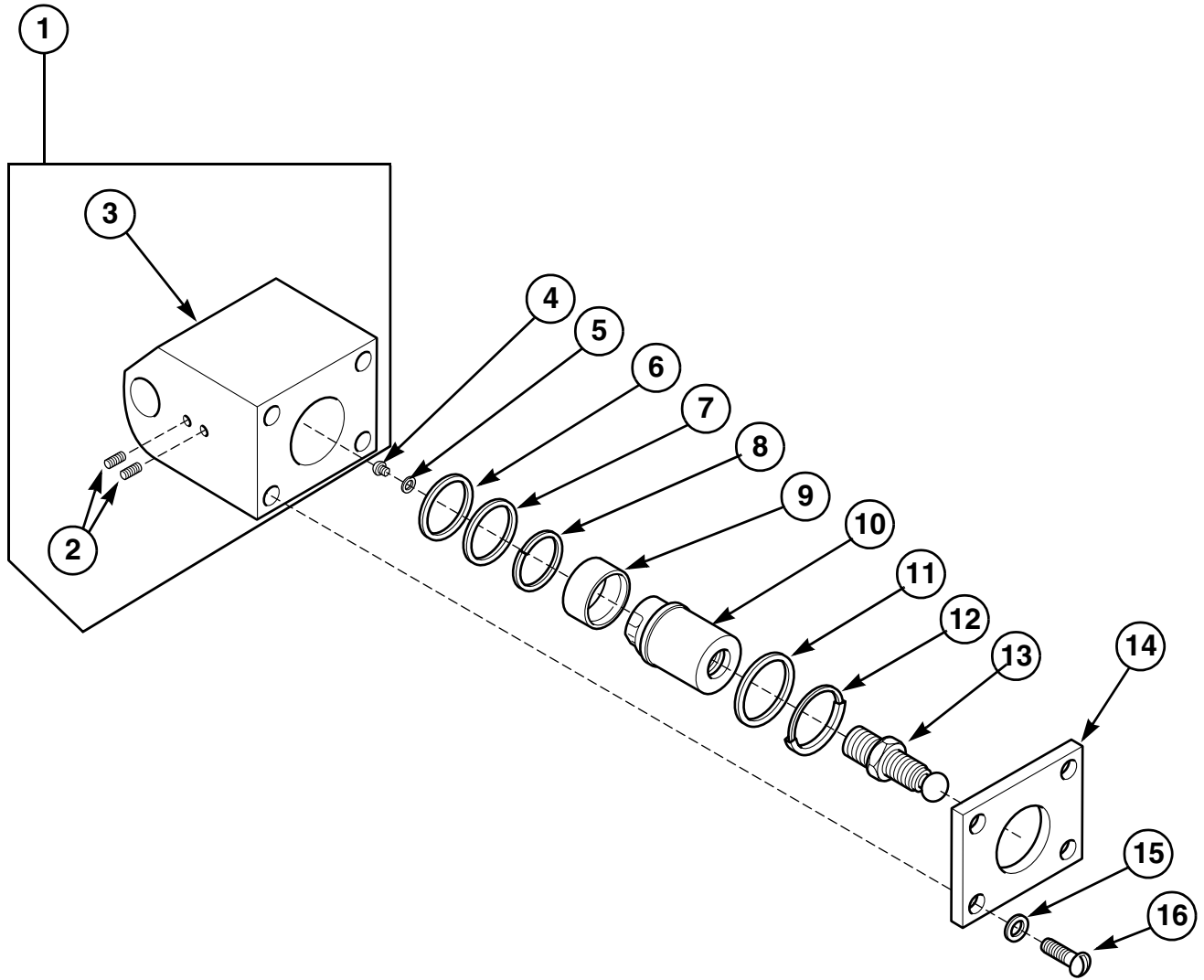
CAB2199P

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 J1504018 Air Cylinder; 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	

Collar Valve Assembly

Models Through October 1993

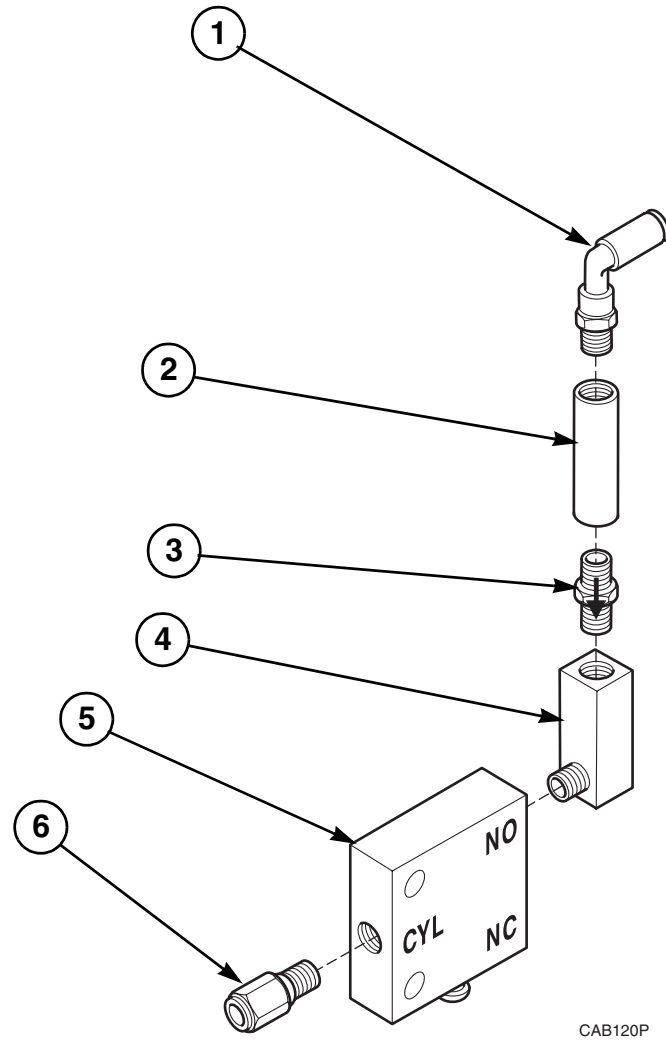


CAB1962P

Collar Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09786	Collar Valve Assembly	Includes items 1-16
1	J1504091	Valve Body Assembly	Includes items 2 and 3
2	J1133990	Screw	
3	J1504091	Valve Body Assembly	
4	J1187228	Screw	2 required
5	JA-54044	Washer	2 required
6	JA-23554	Washer	
7	JA-54046	Kapseal	Must use JA-24476 Collar Block Adapter to replace
8	JA-53879	O-Ring	
9	JA-24476	Collar Clip Adapter	
10	JA-23560	Washer	
11	JA-53865	O-Ring	
12	JA-54045	Kapseal	
13	JA-53893	Bleeder Valve	Must use JA-80069 Spanner Wrench to replace
14	J1643410	Plate	
15	J1000975	Washer	4 required
16	J1185107	Screw	4 required

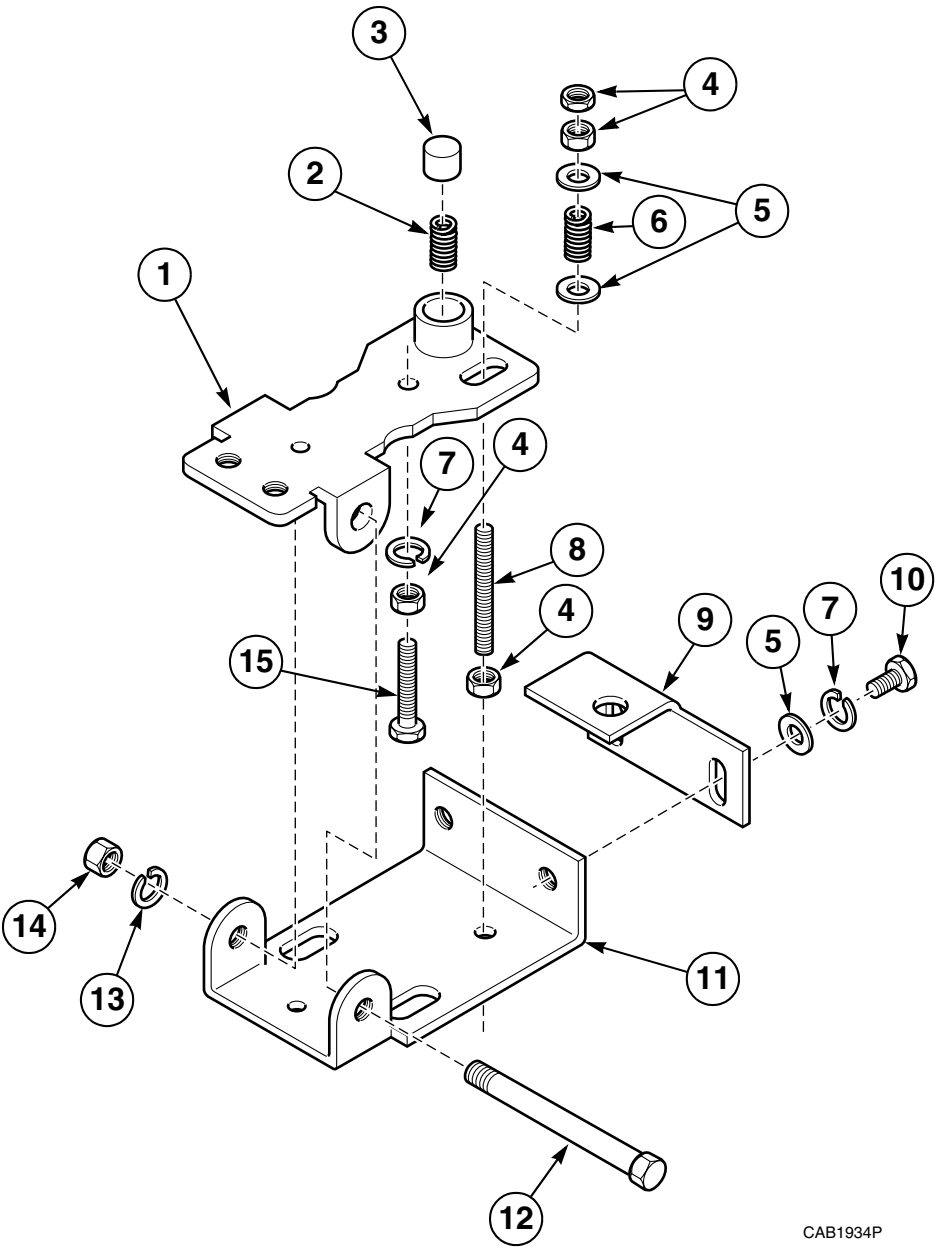
Collar Block Foot Pedal Valve Assembly



Collar Block Foot Pedal Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1485010	Collar Block Foot Pedal Valve Assembly	Includes items 1-6
	M400014	Washer	2 required
	M400081	Washer	2 required
	M400043	Screw	2 required
	J1484930	Pedal Base Assembly	
1	J1407741	Elbow	
2	J1018571	Coupling	
3	JA-54042	Check Valve	
4	J1381623	Elbow	
5	J1142504	Ball Check Valve	3-way
6	F422101	Connector	

Pedal Base Assembly

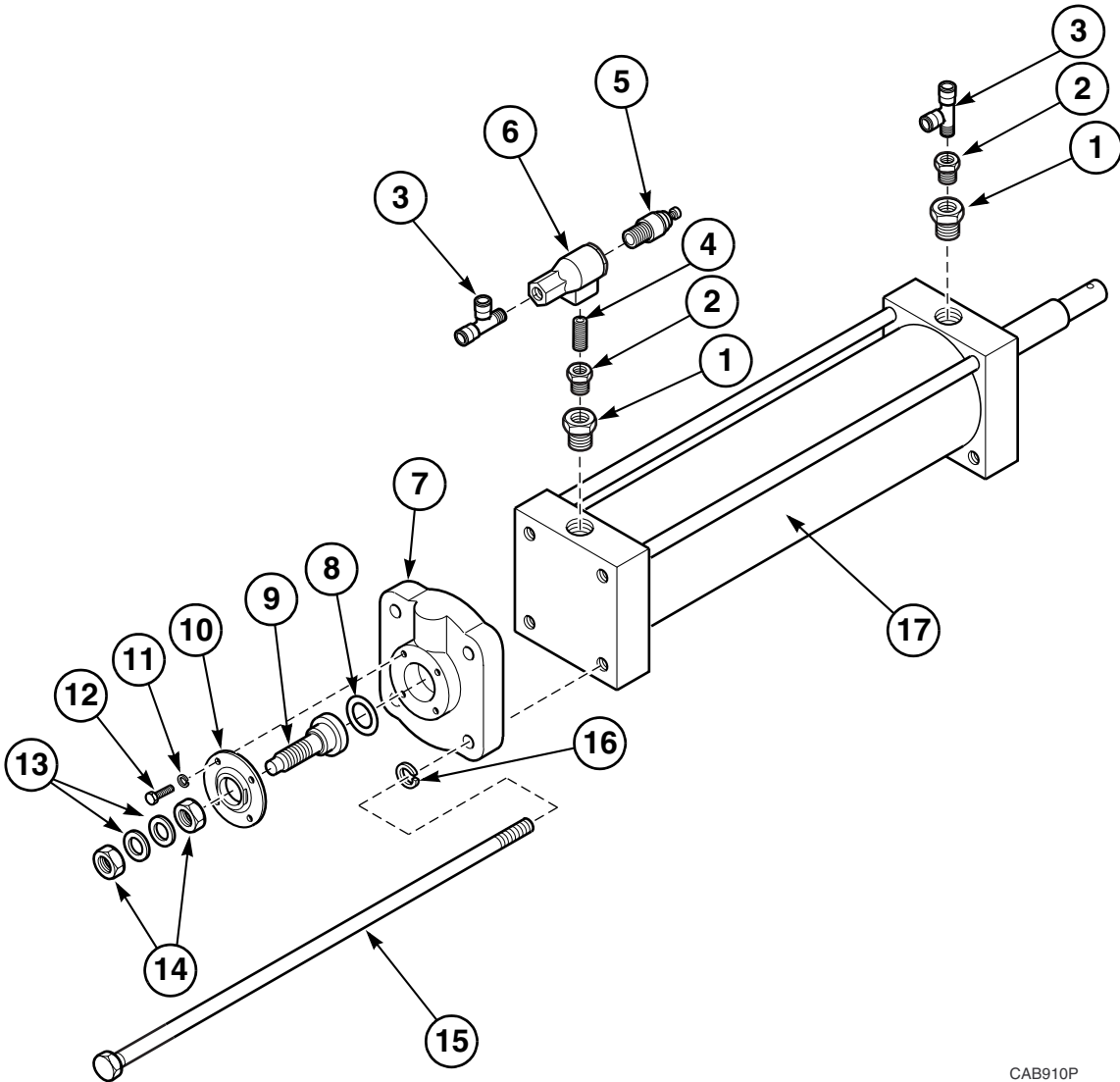


CAB1934P

Pedal Base Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1484930	Pedal Base Assembly	Includes items 1-15
	J1521285	Pedal Bracket	
	JA-50134	Screw	2 required
	M400013	Washer	2 required
1	J1387778	Pedal Bracket Weldment	Top
2	JA-52466	Compression Spring	
3	JA-26238	Actuating Pad	
4	20275	Nut	4 required
5	JC-80513	Washer	4 required
6	JA-51376	Spring	Compression
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	JC-62724	Screw	

Head Pressing Cylinder Assembly



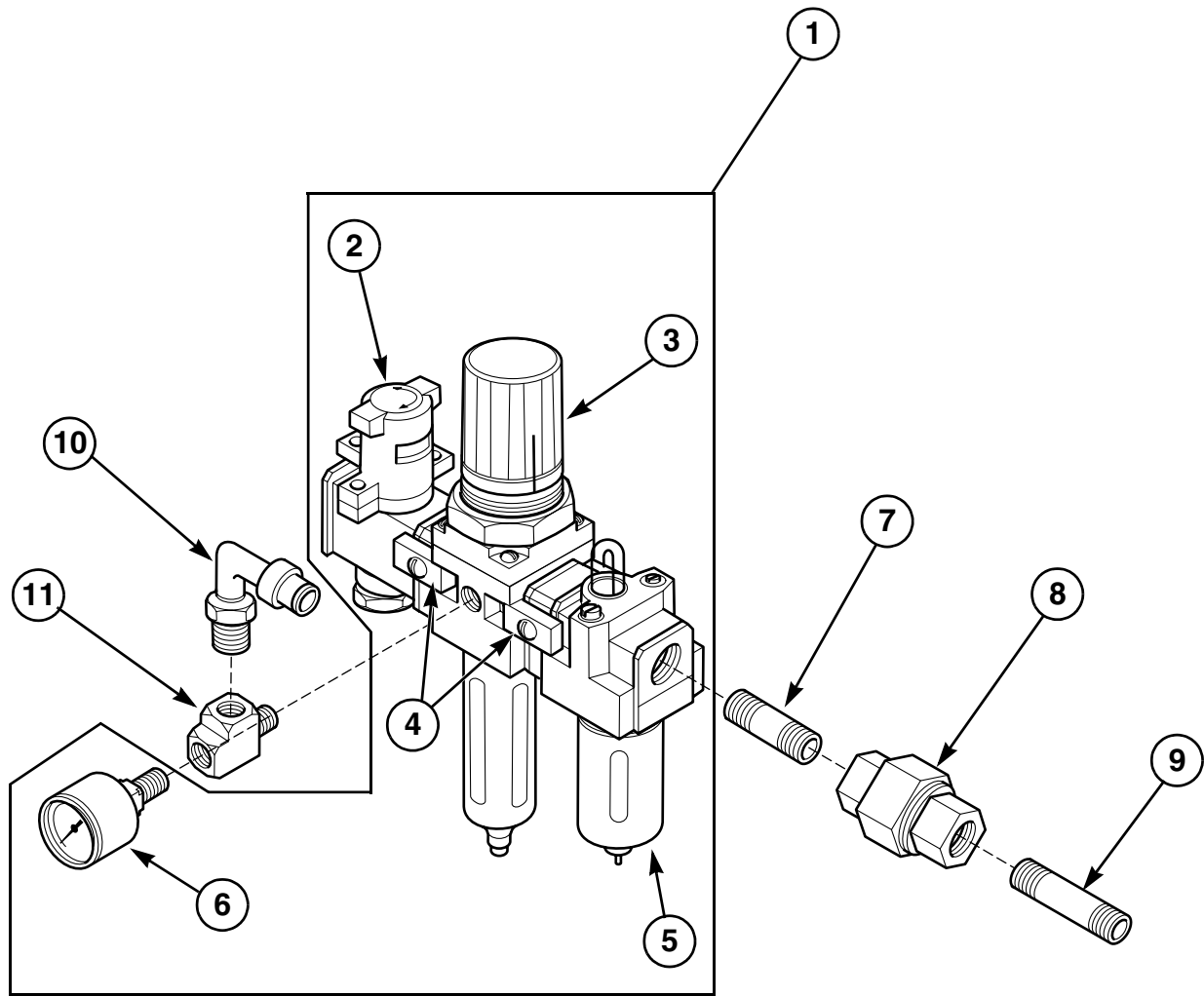
CAB910P

Head Pressing Cylinder Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1523984	Head Pressing Cylinder Assembly	Includes items 1-17
1	JC-19682	Bushing	2 required
2	JC-19609	Bushing	2 required
3	J1438357	Tee	2 required
4	J1232313	Nipple	
5	J1352327	Muffler	
6	JA-56925	Quick Exhaust Valve	
7	J1536390	Cylinder Pivot	
8	JA-10341	Ball Seat	
9	JA-22639	Ball Pin	
10	JA-10672	Pin Ball Flange	
11	J1001007	Washer	4 required
12	02422	Screw	4 required
13	N/A	Washer	2 required
14	JA-50434	Nut	2 required
15	N/A	Screw	4 required
16	91200	Washer	4 required
17	J1523562	Head Pressing Cylinder	
	J1537406	Head Pressing Cylinder Repair Kit	

N/A = Part no longer available

External Air Inlet Assembly

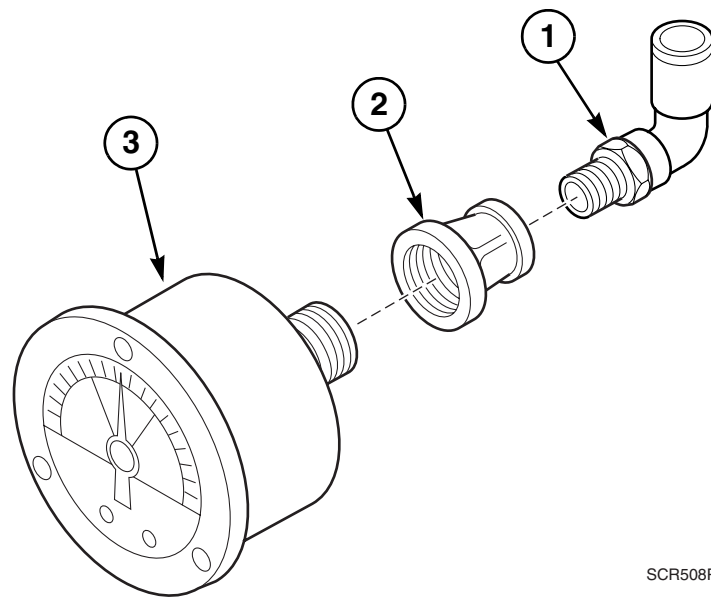


CAB124P

External Air Inlet Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1484245	External Air Inlet Assembly	Includes items 1-11
	J1637636	Filter/Regulator Maintenance Kit	Use with item 3
	J1637644	Filter/Regulator Auto Drain Kit	Use with item 3
	J1637628	Lubricator Maintenance Kit	Use with item 5
	J1647536	Lubricator Bowl	Use with item 5
1	J1557479	Filter/Regulator/Lubricator Assembly	Includes items 2-6
2	J1557503	Lock-Out Valve	
3	J1557487	Filter/Regulator	0-125 psig; Includes items J1637636 Filter/Regulator Maintenance Kit and J1637644 Filter/Regulator Auto Drain Kit
4	J1571413	Spacer	2 required
5	J1557495	Lubricator	Includes items J1637636 Filter/Regulator Maintenance Kit and J1637644 Filter/Regulator Auto Drain Kit
6	J1477959	Pressure Gauge	0-160 psig
7	J1026335	Nipple	
8	JC-76012	Union	
9	JC-46131	Nipple	
10	J1407741	Elbow	
11	JC-30541	Tee	

Gauge Assembly

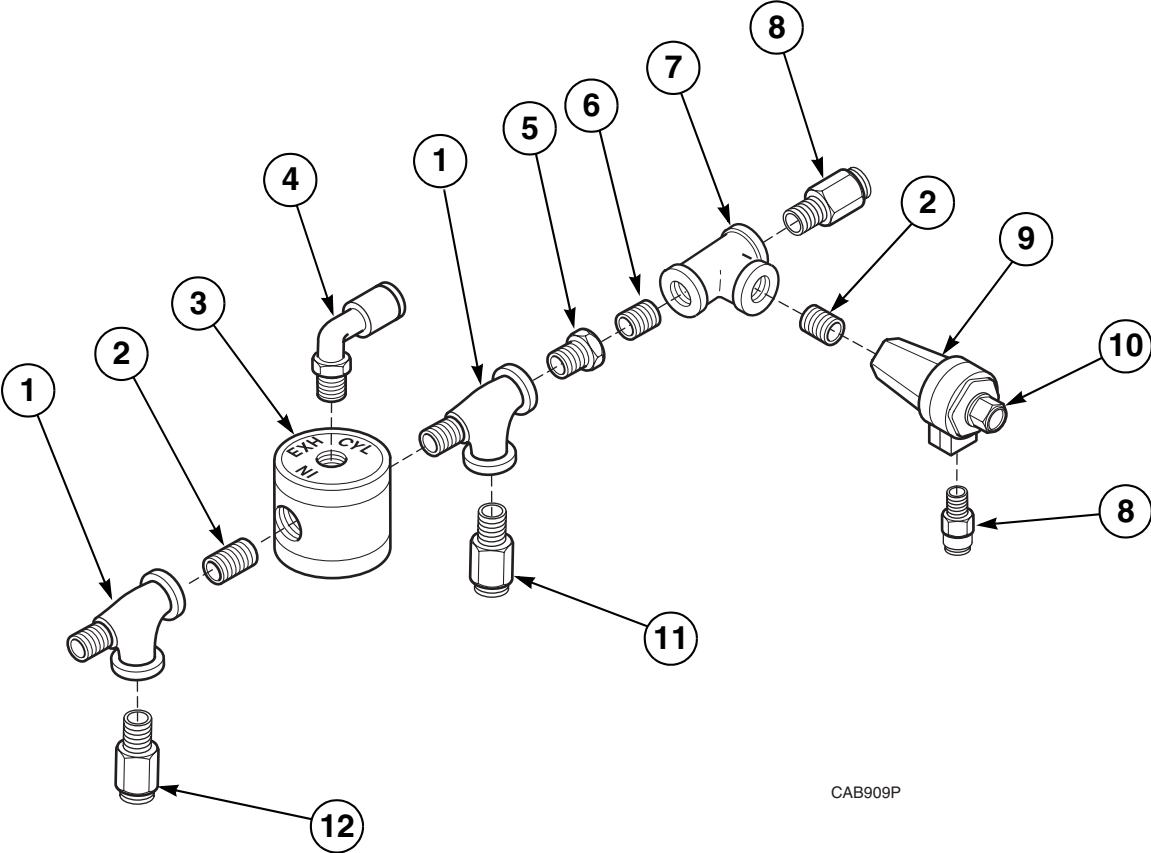


Gauge Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	N/A	Gauge Assembly	Includes items 1-3
1	JA-50770	Elbow	
2	J1018571	Coupling	
3	J1531060	Pressure Gauge	0-100 psi

N/A = Part no longer available

Internal Air Inlet Assembly



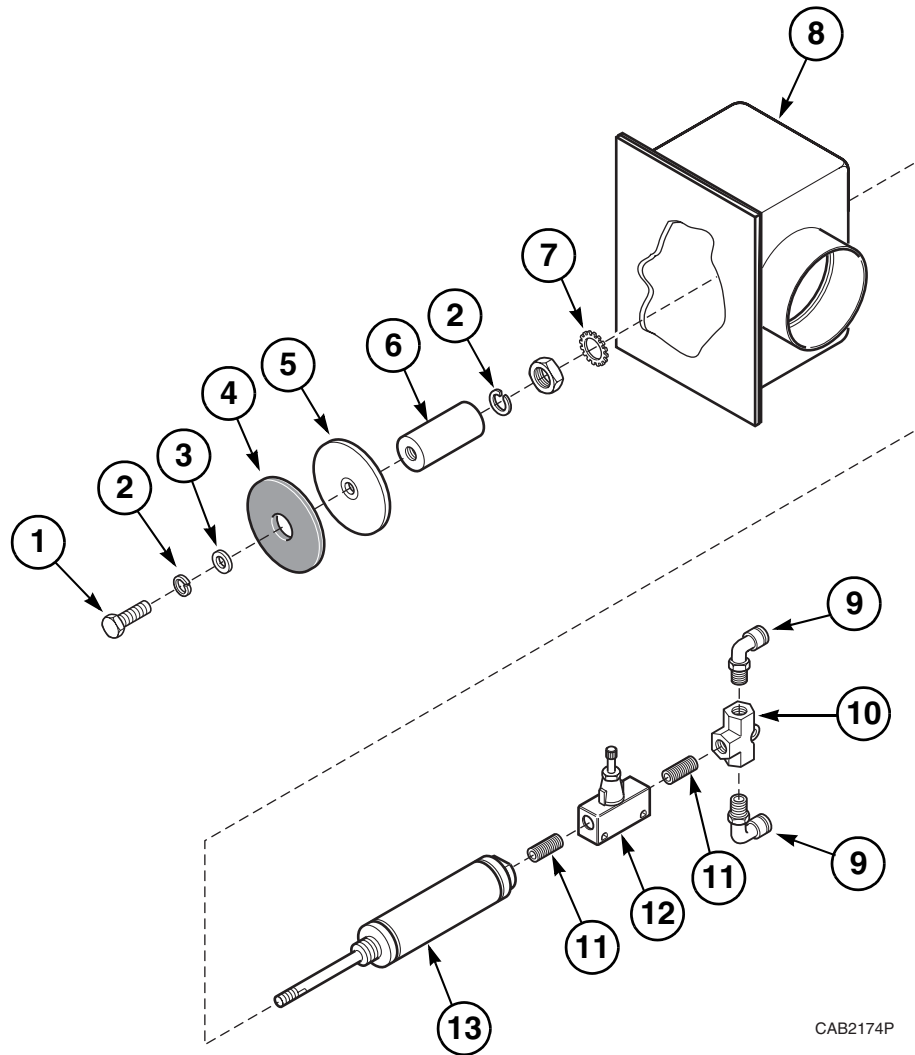
CAB909P

Internal Air Inlet Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1523794	Internal Air Inlet Assembly	Includes items 1-12
1	J1188242	Tee	2 required
2	J1232313	Nipple	2 required
3	JA-53550	Dump Valve	
4	J1407741	Elbow	
5	JC-19609	Bushing	
6	J115175201	Nipple	
7	JC-70613	Tee	
8	F422101	Connector	2 required
9	JA-56925	Quick Exhaust Valve	
10	N/A	Muffler	
11	J1408020	Connector	
12	J1463835-00	Connector	

N/A = Part no longer available

Filter Damper Box Assembly

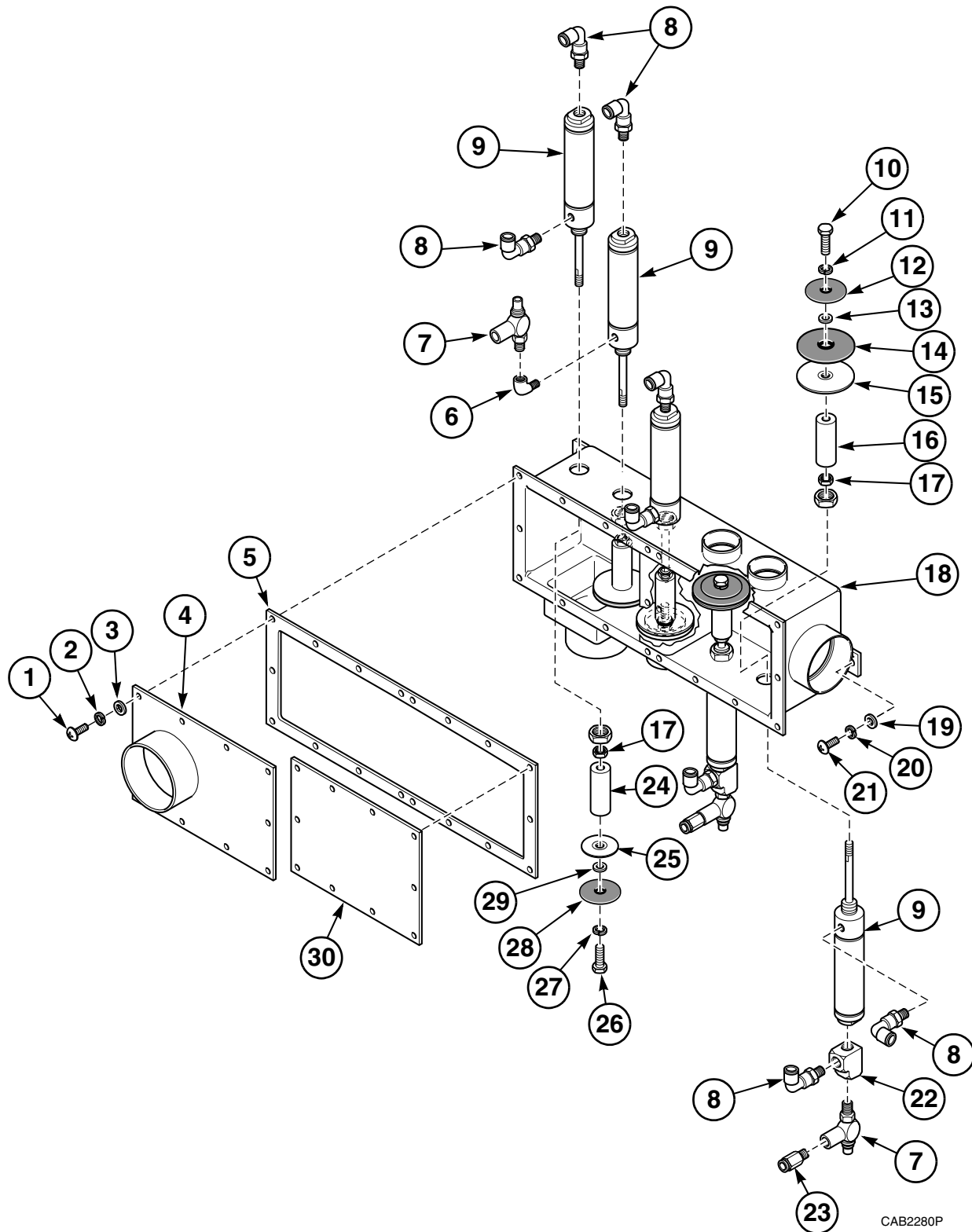


CAB2174P

Filter Damper Box Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1479484	Filter Box Damper Assembly	Includes items 1-13
1	JC-62851	Screw	
2	M400013	Washer	2 required
3	J1398452	Washer	Shim
4	J1398460	Washer	Rubber
5	J1398478	Washer	Large
6	J1398445	Coupling	
7	JA-53116	Washer	
8	J1479492	Damper Box Weldment	
9	J1407741	Elbow	2 required
10	JA-53602	Shuttle Valve	
11	J1232313	Nipple	2 required
12	J0380121-00	Flow Control	
13	J1390806	Air Cylinder	Single acting; Includes nut

Model CBBY-XV



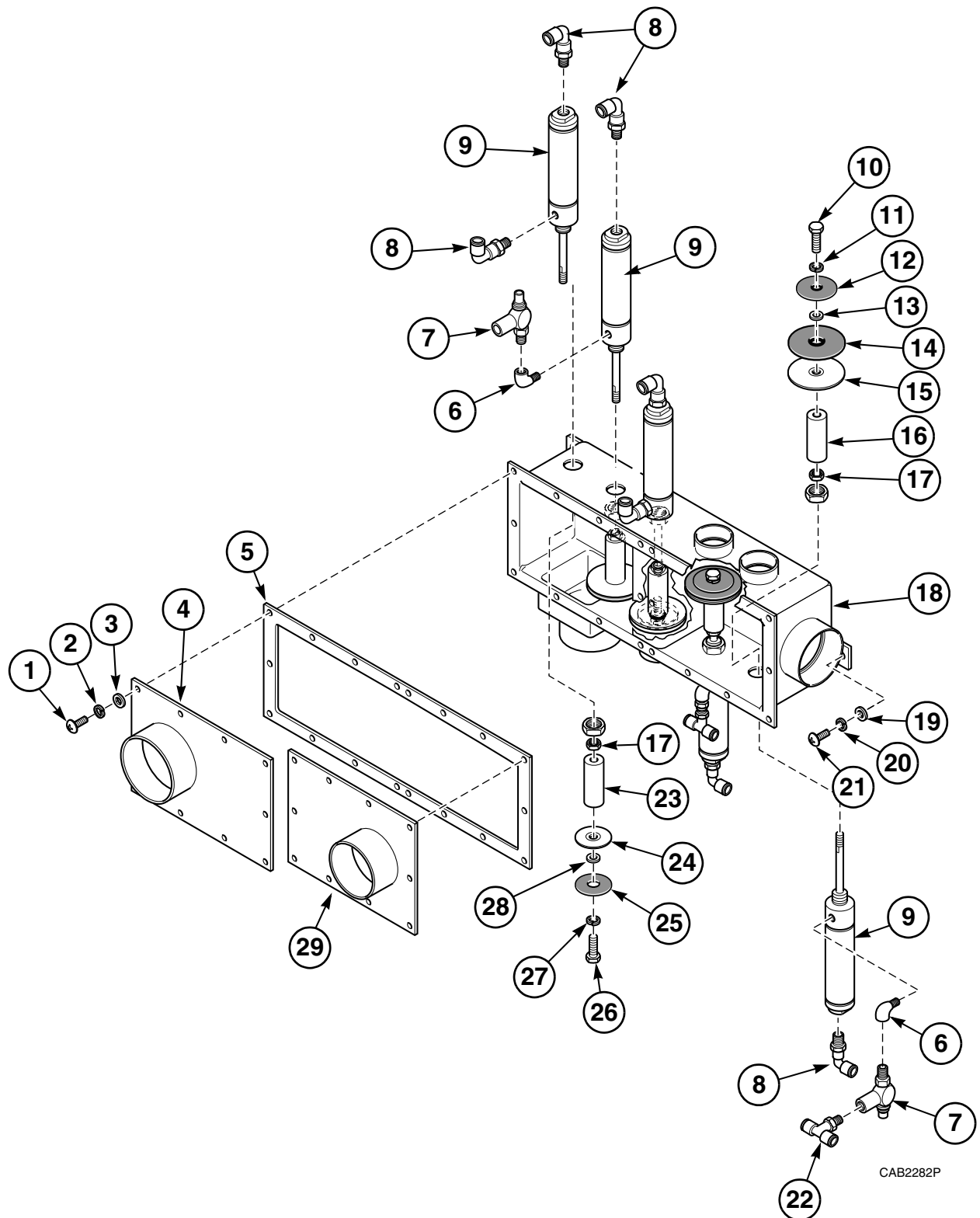
Damper Box Assembly (Drawing 1 of 3)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1523711	Damper Box Assembly	Includes items 1-18 and 22-30
1	J1185107	Screw	20 required
2	J1000975	Washer	20 required
3	JC-80759	Washer	20 required
4	J1521020	Damper Box Cover	
5	J1521004	Gasket	
6	JC-28317	Elbow	
7	J1455781	Flow Control Valve	3 required
8	J1407741	Elbow	9 required
9	J1437060	Air Cylinder	5 required
10	JC-62851	Screw	4 required
11	M400013	Washer	4 required
12	J1398437	Washer	Outside; Small; 4 required
13	J1398452	Washer	4 required
14	J1398460	Washer	Rubber; Small; 4 required
15	J1398478	Washer	Inside; Small; 4 required
16	J1398445	Coupling	4 required
17	JC-48289	Nut	5 required
18	N/A	Damper Box Weldment	
19	JC-80513	Washer	2 required
20	J1185073	Washer	2 required
21	02422	Screw	2 required
22	JC-30541	Tee	2 required
23	F422101	Connector	2 required
24	J1531821	Coupling	
25	J1531813	Washer	Outside; Small
26	JA-52116	Screw	
27	JC-43221	Washer	
28	J1531805	Washer	Rubber; Small
29	J1393354	Washer	
30	J1523604	Damper Box Cover	Right

N/A = Part no longer available

Damper Box Assembly (Drawing 2 of 3)

Model DFB-XV



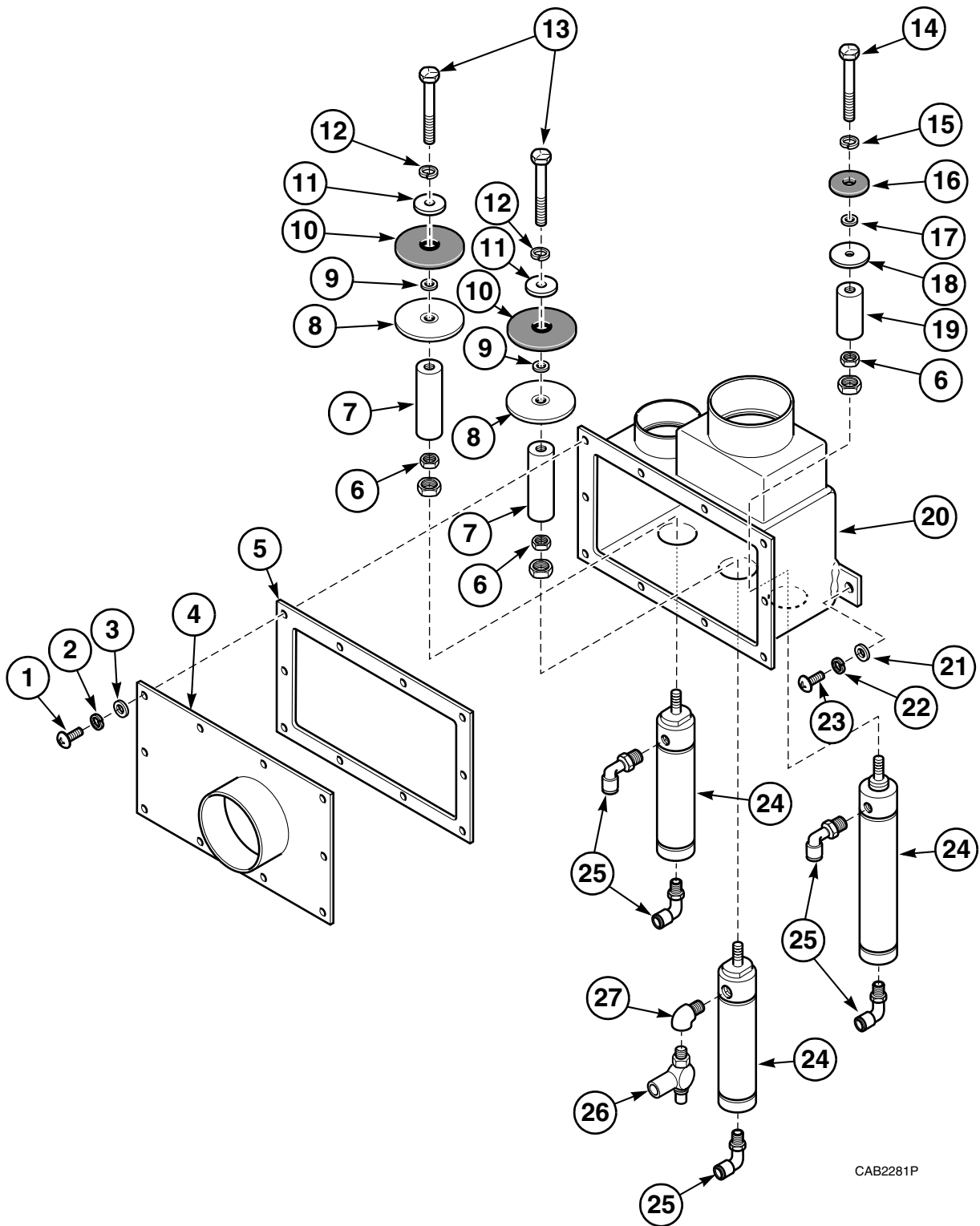
Damper Box Assembly (Drawing 2 of 3)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1521079	Damper Box Assembly	Includes items 1-18 and 22-29
1	J1185107	Screw	20 required
2	J1000975	Washer	20 required
3	JC-80759	Washer	20 required
4	J1521020	Damper Box Cover	Right
5	J1521004	Gasket	
6	JC-28317	Elbow	3 required
7	J1455781	Flow Control Valve	3 required
8	J1407741	Elbow	7 required
9	N/A	Air Cylinder	5 required
10	JC-62851	Screw	4 required
11	M400013	Washer	4 required
12	J1398437	Washer	Outside; Small; 4 required
13	J1398452	Washer	4 required
14	J1398460	Washer	Rubber; Small; 4 required
15	J1398478	Washer	Inside; Small; 4 required
16	J1398445	Coupling	4 required
17	JC-48289	Nut	5 required
18	N/A	Damper Box Weldment	
19	JC-80513	Washer	2 required
20	J1185073	Washer	2 required
21	02422	Screw	2 required
22	J1437029	Tee	2 required
23	J1531821	Coupling	
24	J1531805	Washer	Rubber; Small
25	J1531813	Washer	Outside; Small
26	JA-52116	Screw	
27	JC-43221	Washer	
28	J1393354	Washer	
29	J1521038	Damper Box Cover	Left

N/A = Part no longer available

Damper Box Assembly (Drawing 3 of 3)

Models DFB-X and CBBY-X



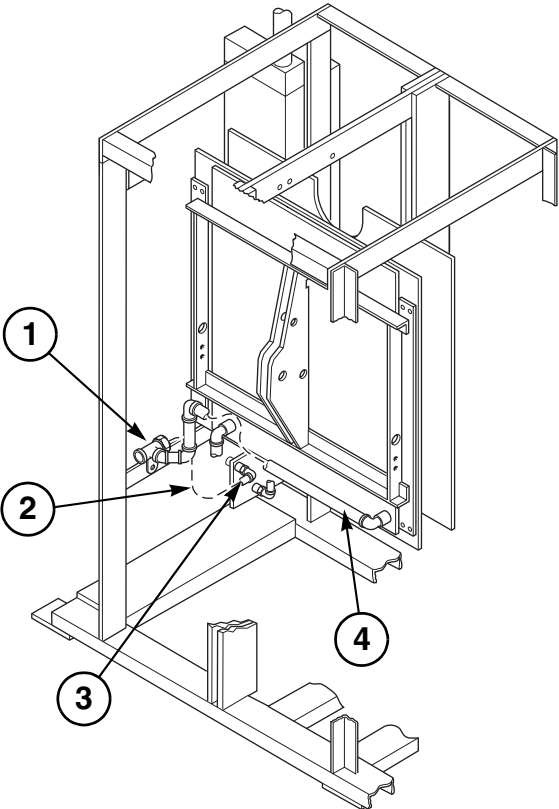
CAB2281P

Damper Box Assembly (Drawing 3 of 3)

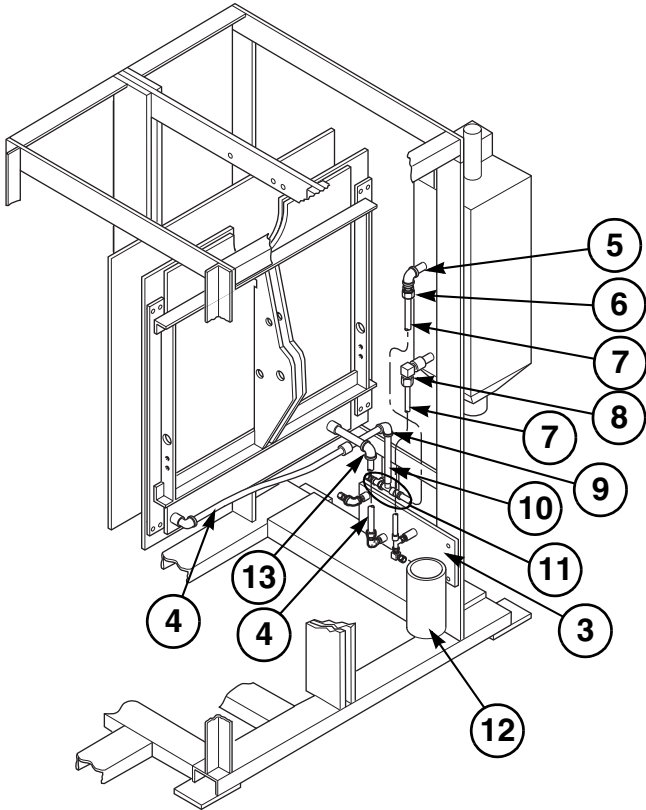
REF	PART NO.	DESCRIPTION	COMMENTS
	J1522440	Damper Box Assembly	Includes items 1-20 and 24-27
1	J1185107	Screw	10 required
2	J1000975	Washer	10 required
3	JC-80759	Washer	10 required
4	N/A	Damper Box Cover	
5	J1531763	Gasket	
6	JC-48289	Nut	3 required
7	J1398445	Coupling	2 required
8	J1398478	Washer	Inside; Small; 2 required
9	J1398452	Washer	2 required
10	J1398460	Washer	Rubber; Small; 2 required
11	J1398437	Washer	Outside; Small; 2 required
12	M400013	Washer	2 required
13	JC-62851	Screw	2 required
14	JA-52116	Screw	
15	J1185073	Washer	
16	J1531813	Washer	Outside; Small
17	J1393354	Washer	
18	J1531805	Washer	Rubber; Small
19	J1531821	Coupling	
20	J1522424	Damper Box Weldment	
21	JC-80513	Washer	2 required
22	J1185073	Washer	2 required
23	02422	Screw	2 required
24	J1437060	Air Cylinder	3 required
25	J1407741	Elbow	5 required
26	J1455781	Flow Control Valve	
27	JC-28317	Elbow	

N/A = Part no longer available

Steam Application



Rear View



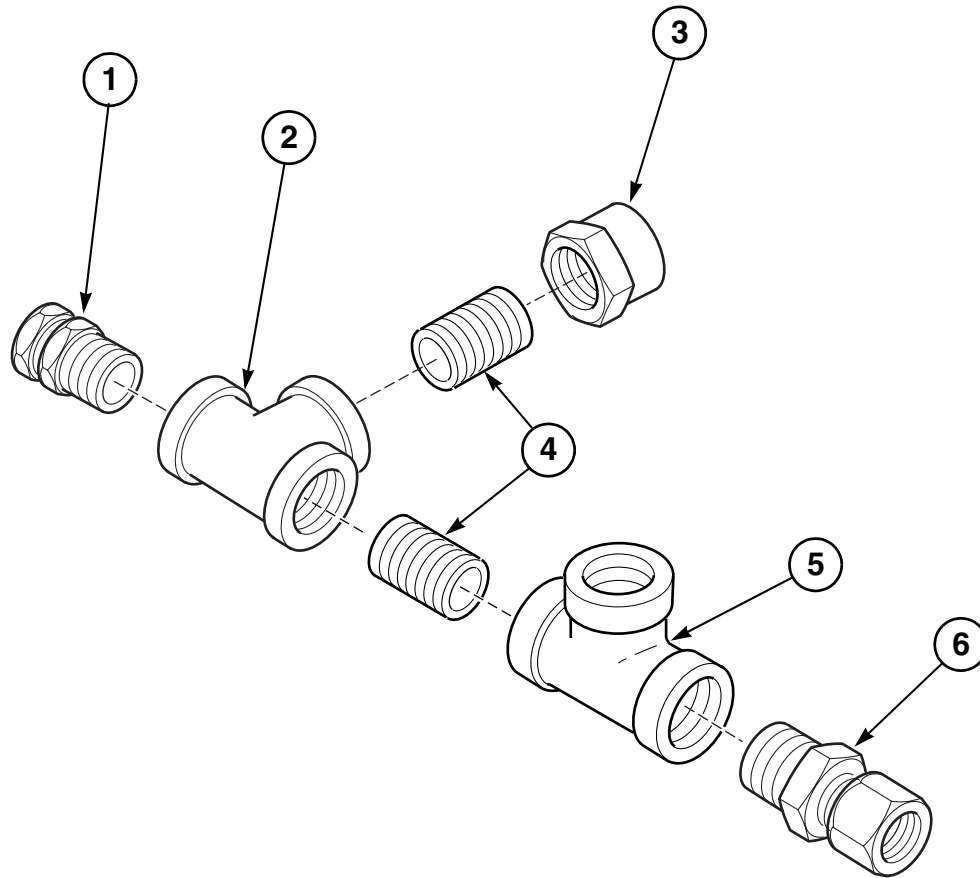
Front View

CAB411P

Steam Application

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-12279	Coil Mounting Bar	Use with J1471234 Condenser Coil
	JA-09231	Condenser Flow Control	Use with J1471234 Condenser Coil
	JA-52038	Screw	Use with J1471234 Condenser Coil
	J1000975	Washer	Use with J1471234 Condenser Coil
	J1000736	Nut	Use with J1471234 Condenser Coil
1	J1521707	Rear Head Steam Return Assembly	Refer to <i>Rear Head Steam Return Assembly</i> section for parts breakdown
2	J1106665	Tubing	
3	J1521715	Steam Return Assembly	Refer to <i>Steam Return Assembly</i> section for parts breakdown
4	J1319268	Steam Hose	
5	J1084011	Elbow	
6	JC-30857	Connector	
7	J1117191	Tubing	
8	JC-30454	Elbow	
9	J1231422	Elbow	
	JC-46349	Nipple	
	J1007442	Coupling	
10	JC-46144	Nipple	
11	J1521723	Primary Steam Inlet Assembly	Refer to <i>Primary Steam Inlet Assembly</i> section for parts breakdown
12	J1471234	Condenser Coil	
13	JA-50635	Elbow	
	JA-51540	Nipple	

Primary Steam Inlet Assembly

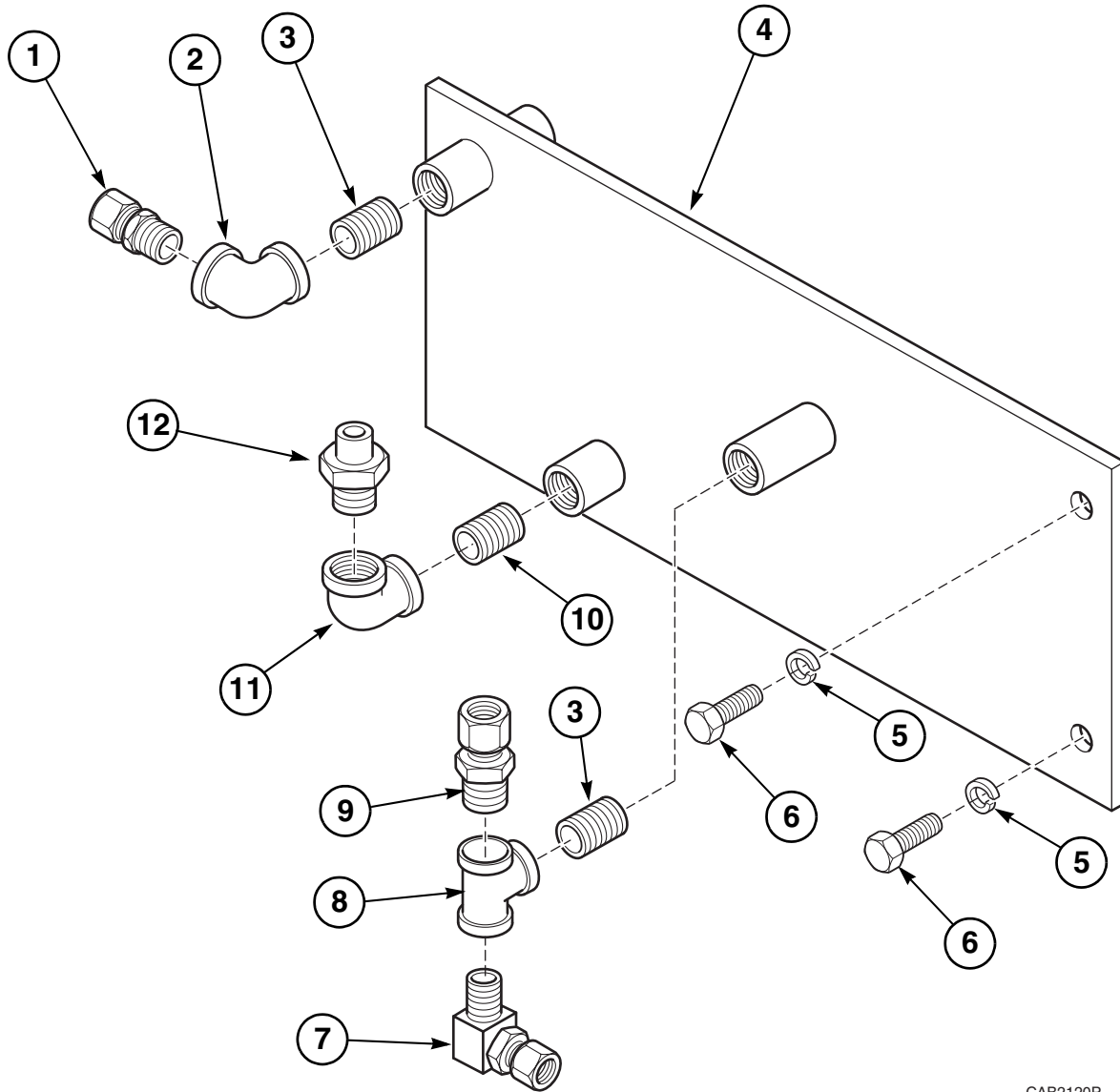


CAB908P

Primary Steam Inlet Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1521723	Primary Steam Inlet Assembly	Includes items 1-6
1	JC-19662	Bushing	
2	J1018423	Tee	
3	J1468347	Bushing	
4	431206	Nipple	2 required
5	JC-70620	Tee	
6	JC-30857	Connector	

Steam Return Assembly



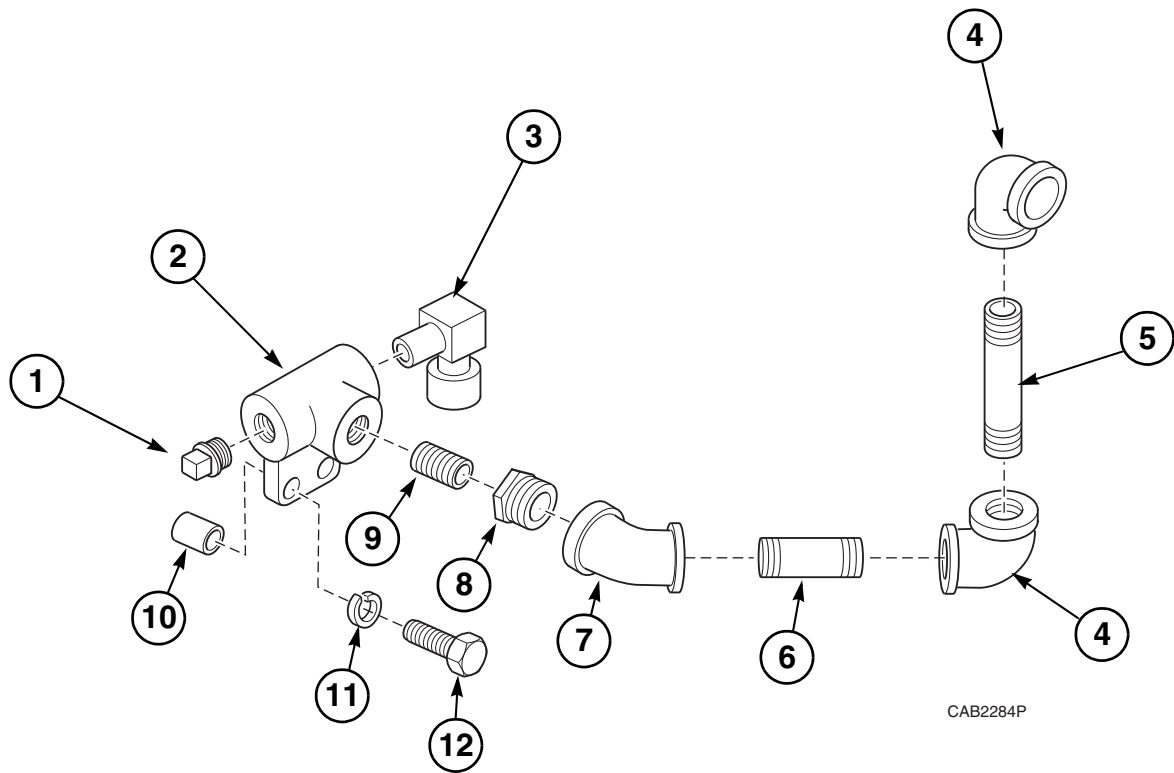
CAB2120P

Steam Return Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1521715	Steam Return Assembly	Includes items 1-4 and 7-12
1	JA-50765	Connector	
2	J1084011	Elbow	
3	J1239334	Nipple	2 required
4	J200017300	Steam Return Assembly Weldment	
5	M400014	Washer	2 required
6	N/A	Screw	2 required
7	JC-30211	Elbow	
8	JC-31374	Connector	
9	J1161272	Connector	
10	J1026665	Nipple	
11	JA-51007	Elbow	
12	J1319276	Connector	

N/A = Part no longer available

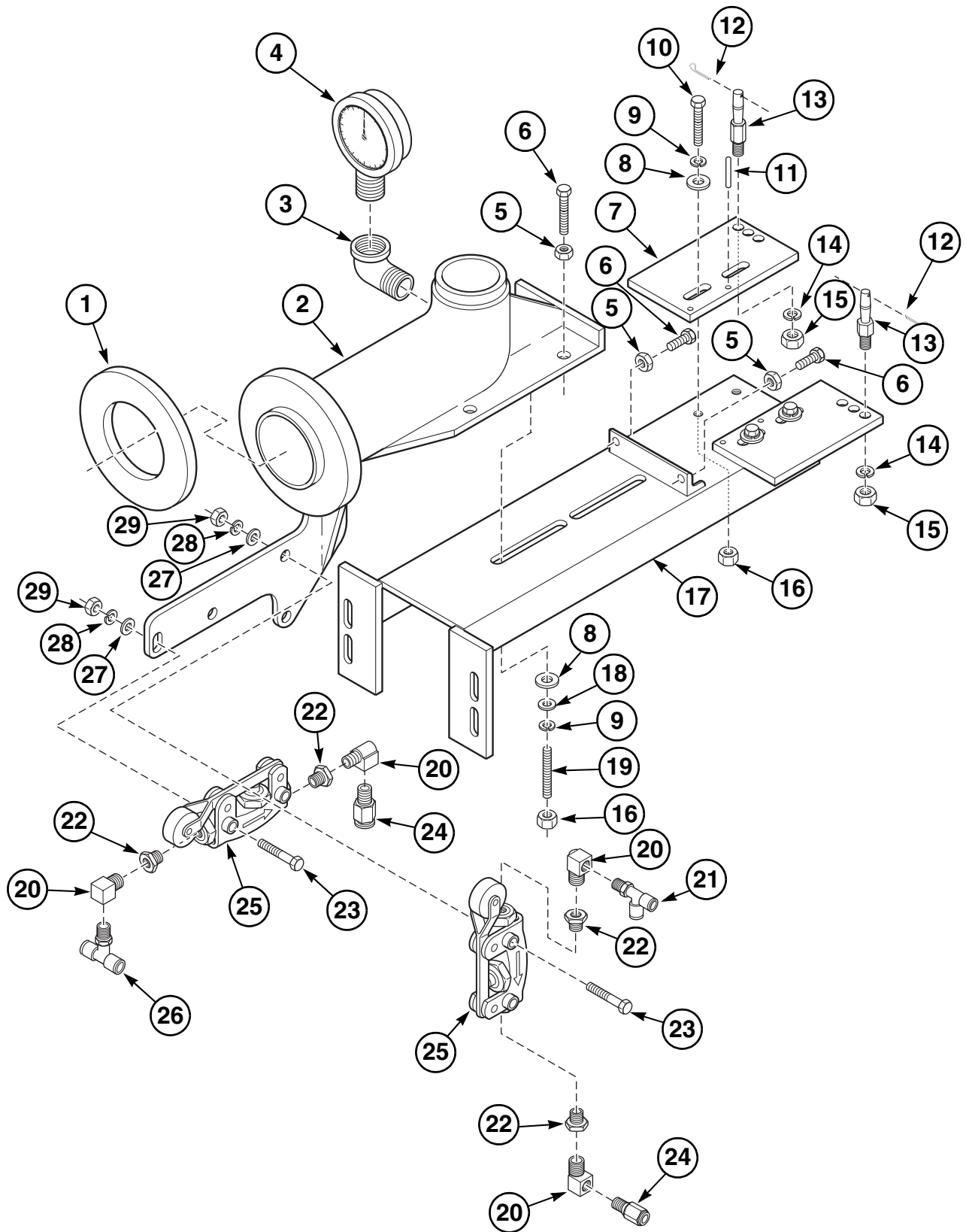
Rear Head Steam Return Assembly



Rear Head Steam Return Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1521707	Rear Head Steam Return Assembly	Includes items 1-9
1	J1161421	Plug	
2	JA-23840	Mounting Bracket Tee	
3	JC-30719	Elbow	
4	J1231422	Elbow	2 required
5	JC-46337	Nipple	
6	J1026665	Nipple	
7	JC-28237	Elbow	
8	JC-19682	Bushing	
9	J1236553	Nipple	
10	JA-24365	Manifold Spacer	2 required
11	M400013	Washer	2 required
12	JA-52808	Screw	2 required

Discharge Tube Assembly



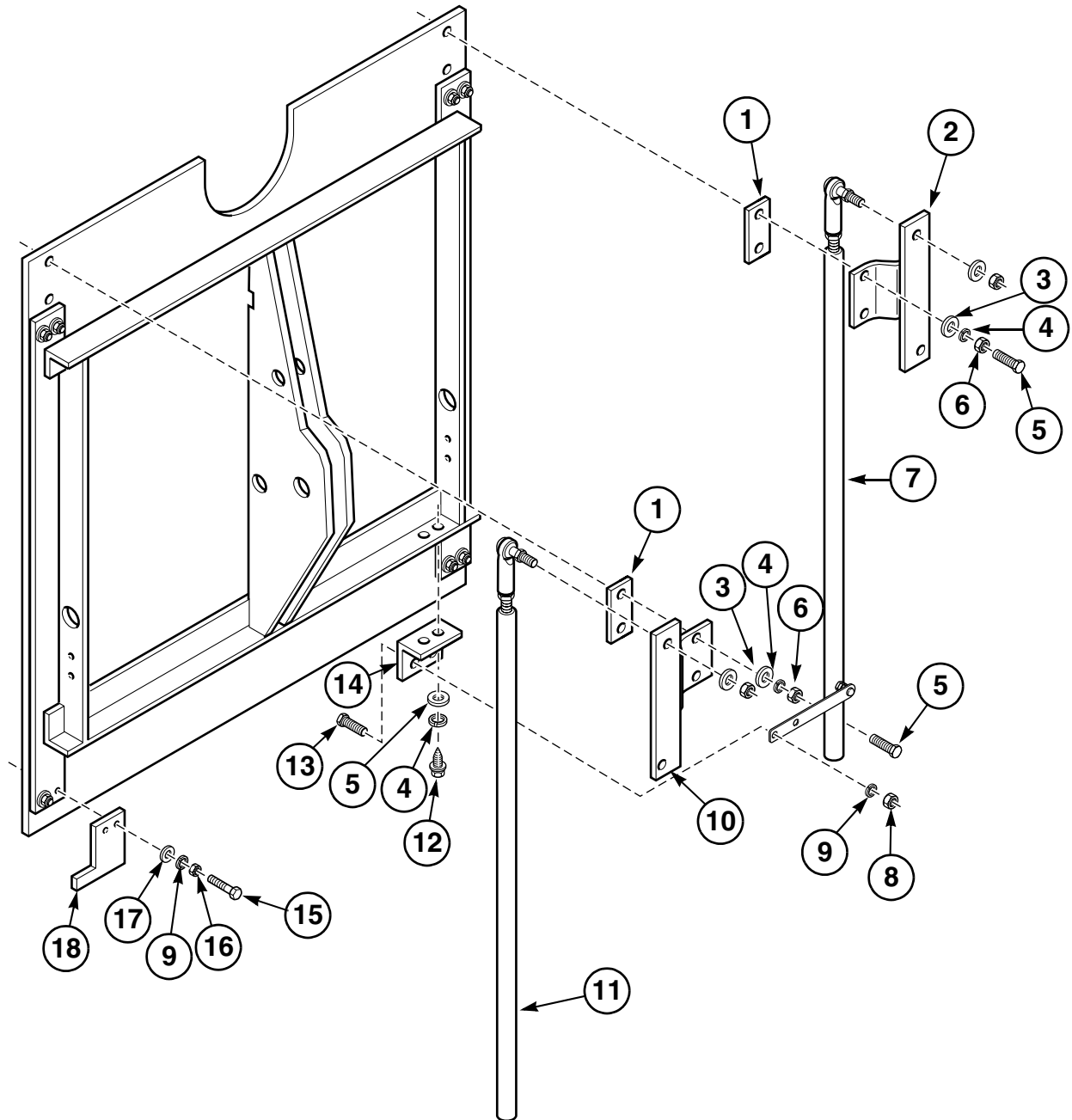
CAB2283P

Discharge Tube Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1523927	Discharge Tube Assembly	Model DFB; Includes items 1-28
	J1531003	Discharge Tube Assembly	Model CBBY; Includes items 1-28
1	J1471531	Gasket	
2	JA-23305	Discharge Tube	
3	J1231521	Elbow	
4	JA-51283	Air Gauge	0-5 psi
5	20275	Nut	10 required
6	JA-54156	Screw	6 required
7	JA-24692	Cylinder Support	2 required
8	M400081	Washer	5 required
9	M400014	Washer	5 required
10	430648	Screw	4 required
11	N/A	Roll Pin	2 required
12	JA-50497	Cotter Pin	2 required
13	JA-22763	Cylinder Mounting Pin	2 required; Includes item 12
14	91200	Washer	2 required
15	J1000850	Nut	2 required
16	20274	Nut	5 required
17	JA-09212	Discharge Tube Channel Weldment	
18	J1178391	Washer	
19	JA-51951	Screw	
20	JC-28317	Elbow	4 required
21	J1438357	Tee	
22	JC-19609	Bushing	4 required
23	JA-50128	Screw	4 required
24	F422101	Connector	2 required
25	JA-53892	Roller Valve	2 required
26	J1437029	Tee	
27	JC-80583	Washer	4 required
28	J1185073	Washer	4 required

N/A = Part no longer available

Front Head Safety Bar Application

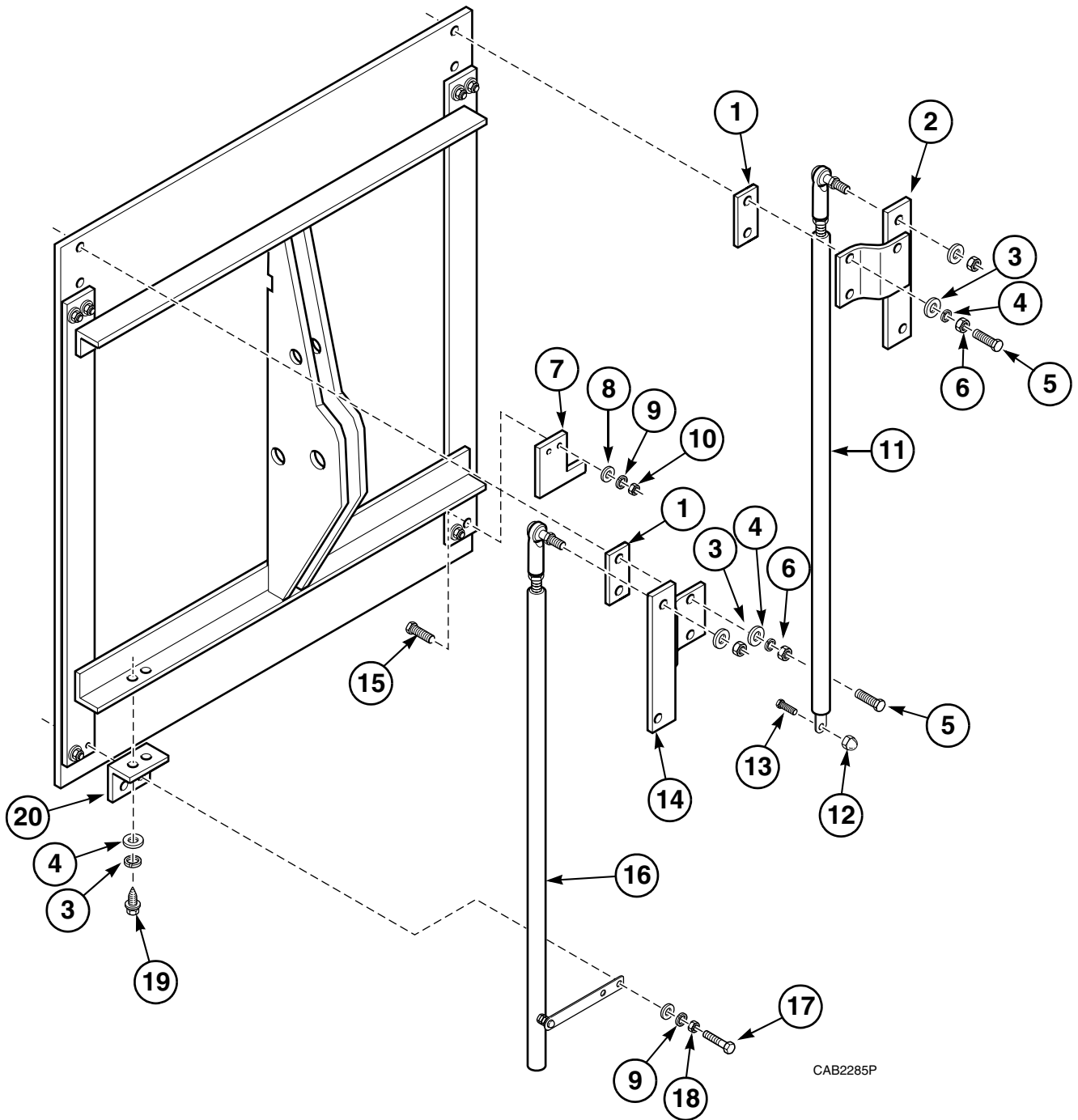


CAB2286P

Front Head Safety Bar Application

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1546118	Gasket	2 required
2	J1521954	Safety Valve Assembly – Front Right	Refer to <i>Safety Valve Assembly – Front Right</i> section for parts breakdown
3	JC-80513	Washer	6 required
4	J1185073	Washer	6 required
5	J1615194	Screw	4 required
6	20275	Nut	4 required
7	J1522903	Head Safety Bar Assembly	Refer to <i>Head Safety Bar Assembly</i> section for parts breakdown
8	F431004	Nut	2 required
9	M400013	Washer	4 required
10	J1571041	Safety Valve Assembly – Front Left	Refer to <i>Safety Valve Assembly – Front Left</i> section for parts breakdown
11	J1570951	Safety Bar Assembly	Left
12	JA-53020	Screw	2 required
13	JA-50134	Screw	2 required
14	J1521962	Head Mounting Safety Bar Bracket	
15	91202	Screw	2 required
16	70142	Nut	2 required
17	J1001270	Washer	2 required
18	J1570001	Safety Bar Bracket	Lower left

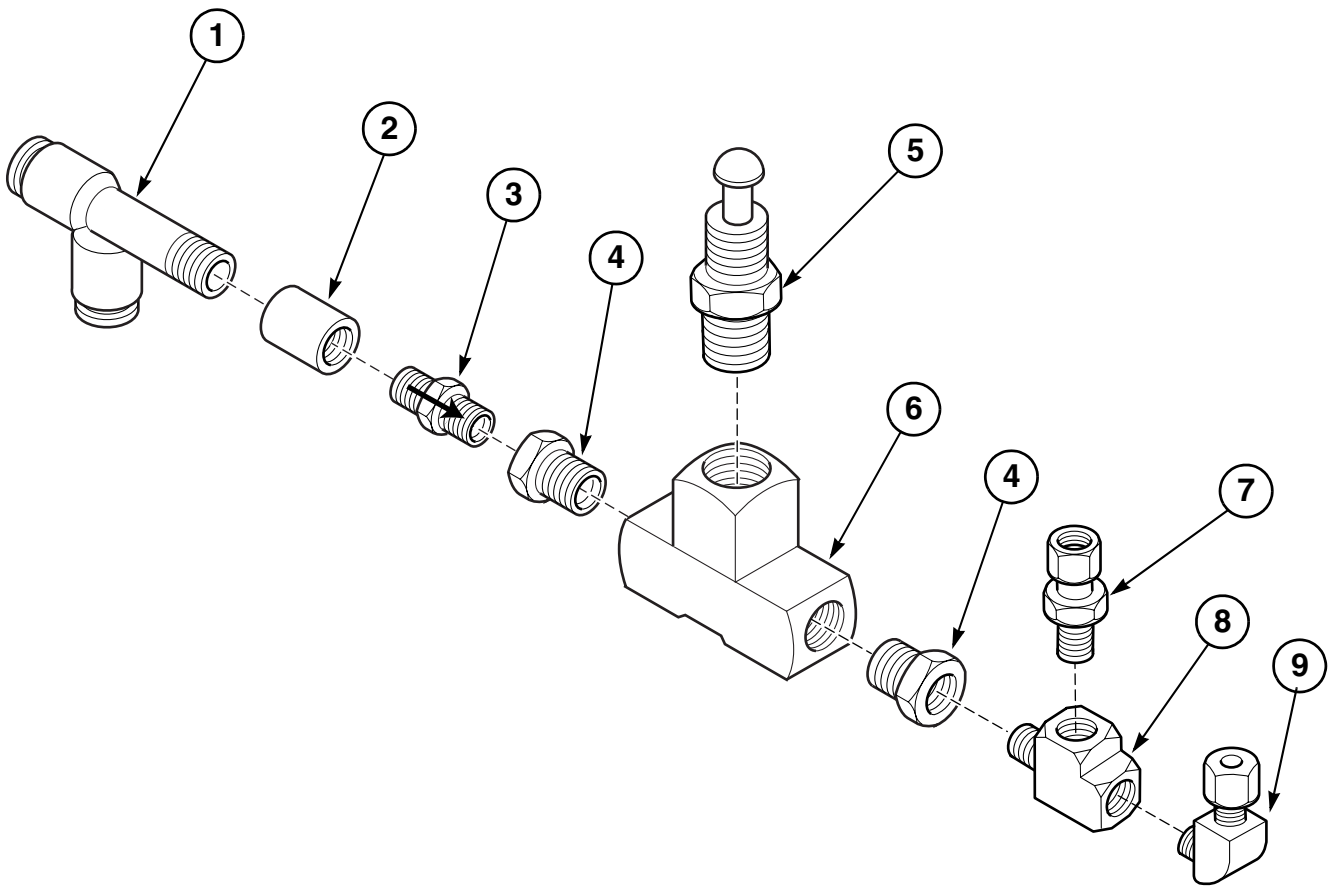
Rear Head Safety Bar Application



Rear Head Safety Bar Application

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1546118	Gasket	
2	J1571058	Safety Valve Assembly– Rear Left	Refer to <i>Safety Valve Assembly – Rear Left</i> section for parts breakdown
3	JC-80513	Washer	
4	J1185073	Washer	
5	J1615194	Screw	
6	20275	Nut	
7	J1570001	Safety Bar Bracket	Lower left
8	J1001270	Washer	
9	M400013	Washer	
10	70142	Nut	
11	J1570951	Safety Bar Assembly	Left
12	JC-48494	Nut	
13	J1007434	Screw	
14	J1521947	Safety Valve Assembly – Rear Right	Refer to <i>Safety Valve Assembly – Rear Right</i> section for parts breakdown
15	91202	Screw	
16	J1522903	Head Safety Bar Assembly	Refer to <i>Head Safety Bar Assembly</i> section for parts breakdown
17	JA-50134	Screw	
18	F431004	Nut	
19	JA-53020	Screw	
20	J1521962	Head Mounting Safety Bar Bracket	

Safety Valve Assembly



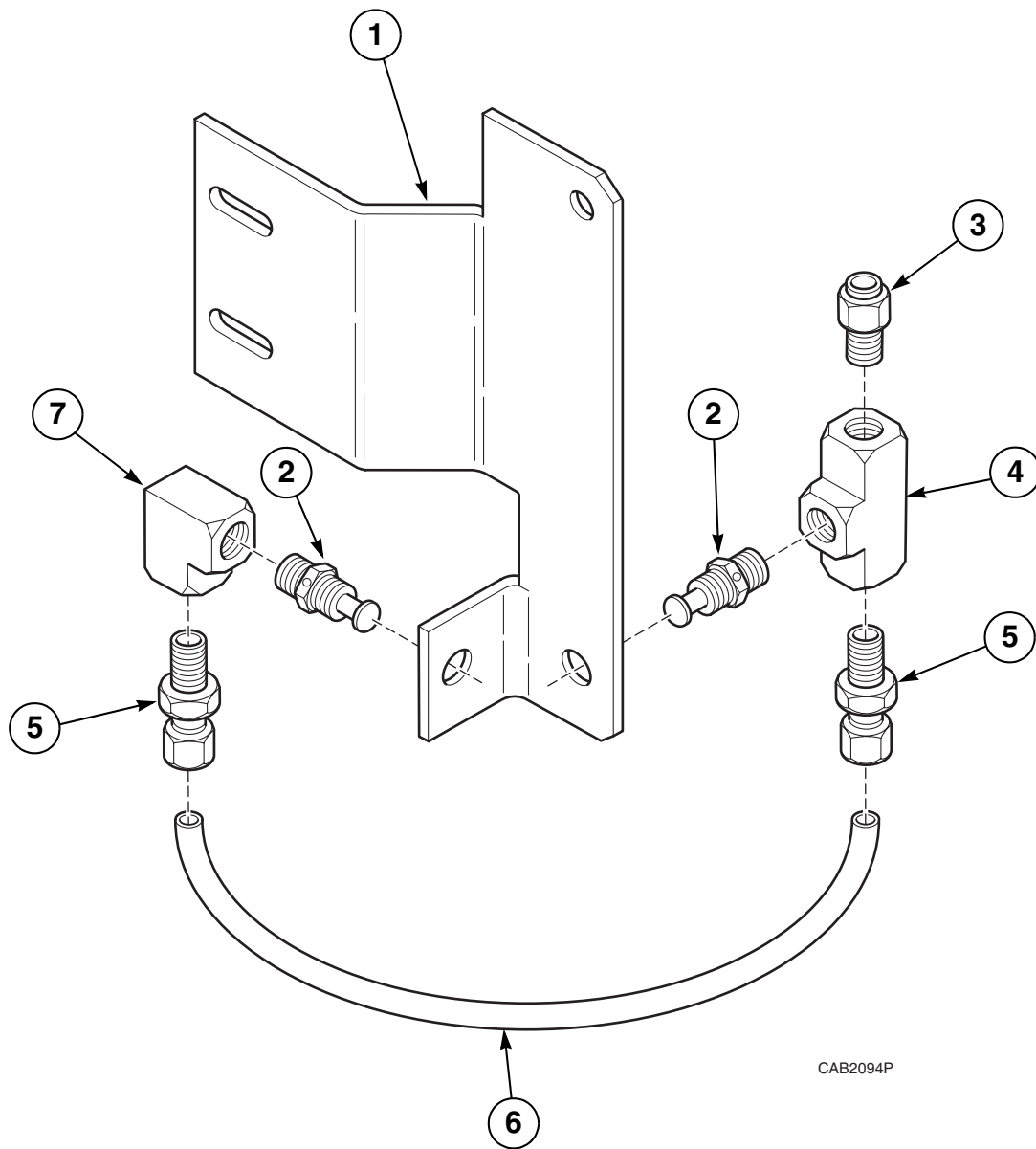
CAB437P

Safety Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	N/A	Safety Valve Assembly	Includes items 1-9
1	J1438357	Tee	Replaced J1407741 Elbow in this location starting April 1993
2	J1018571	Coupling	
3	JA-54042	Check Valve	1/8 NPT
4	JC-19609	Bushing	2 required
5	JA-53893	Bleeder Valve	2-way
6	J1188242	Tee	
7	J1151661	Connector	
8	JA-50770	Elbow	
9	N/A	Elbow	

N/A = Part no longer available

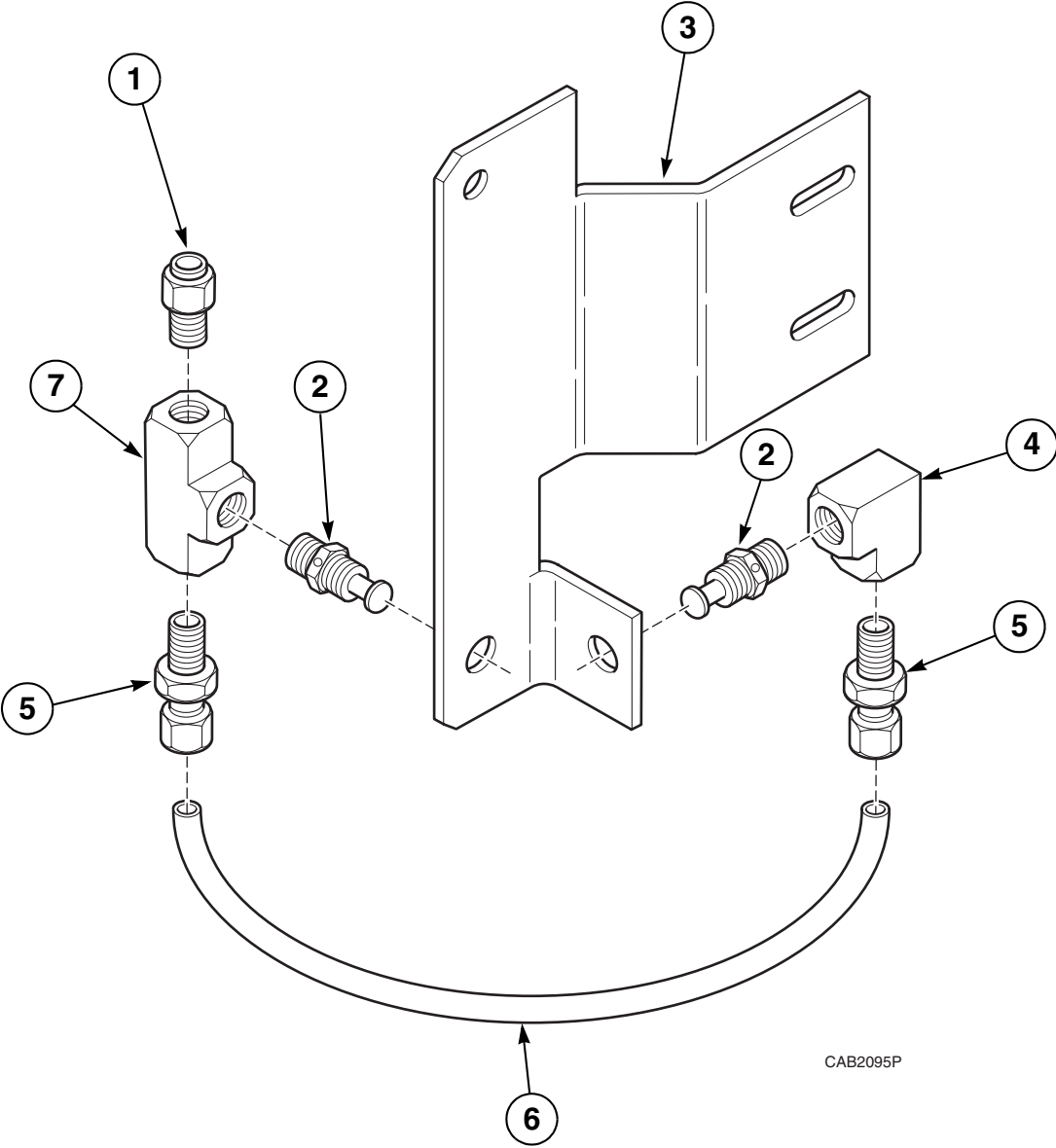
Safety Valve Assembly – Front Left



Safety Valve Assembly – Front Left

REF	PART NO.	DESCRIPTION	COMMENTS
	J1571041	Safety Valve Assembly – Front Left	Includes items 1-7
1	J1569888	Safety Bar Bracket	
2	JA-53893	Bleeder Valve	2 required
3	J1463835-00	Connector	
4	J1188242	Tee	
5	J1075175	Connector	2 required
6	J1106699	Tubing	Copper; 6 inches required
7	J1188192	Elbow	

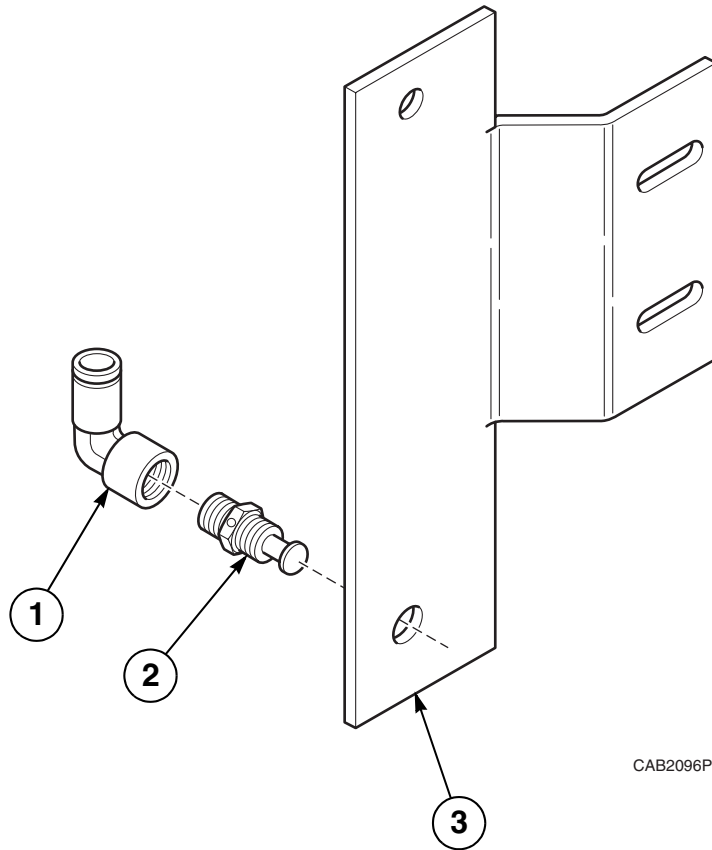
Safety Valve Assembly – Rear Left



Safety Valve Assembly – Rear Left

REF	PART NO.	DESCRIPTION	COMMENTS
	J1571058	Safety Valve Assembly – Rear Left	Includes items 1-7
1	J1463835-00	Connector	
2	JA-53893	Bleeder Valve	2 required
3	J1569870	Safety Bar Bracket	
4	J1188192	Elbow	
5	J1075175	Connector	2 required
6	J1106699	Tubing	Copper; 6 inches required
7	J1188242	Tee	

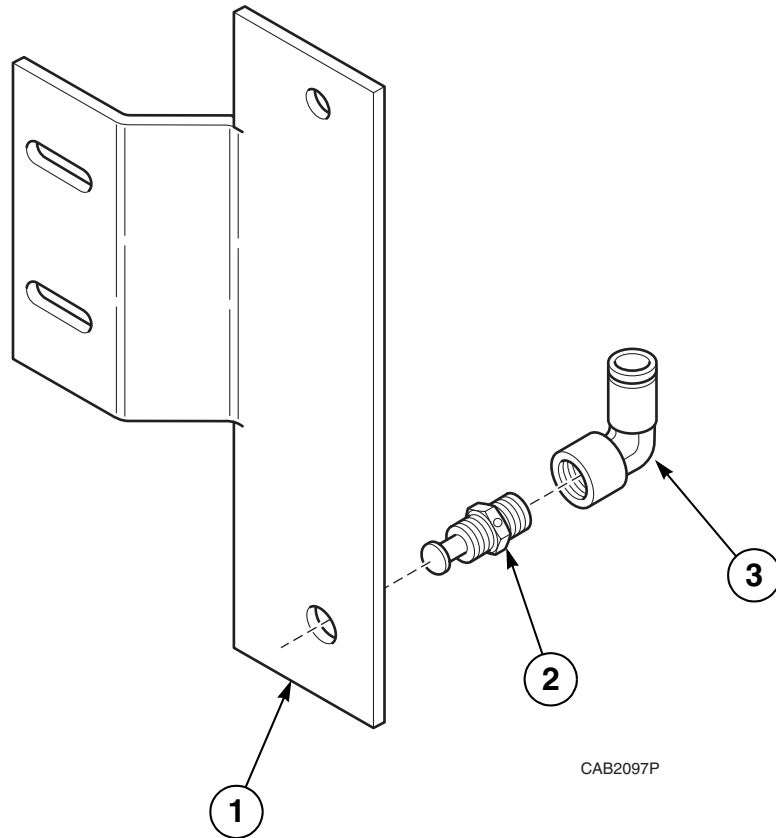
Safety Valve Assembly – Front Right



Safety Valve Assembly – Front Right

REF	PART NO.	DESCRIPTION	COMMENTS
	J1521954	Safety Valve Assembly – Front Right	Includes items 1-3
1	J1571025	Elbow	
2	JA-53893	Bleeder Valve	
3	J1520279	Safety Bar Bracket	

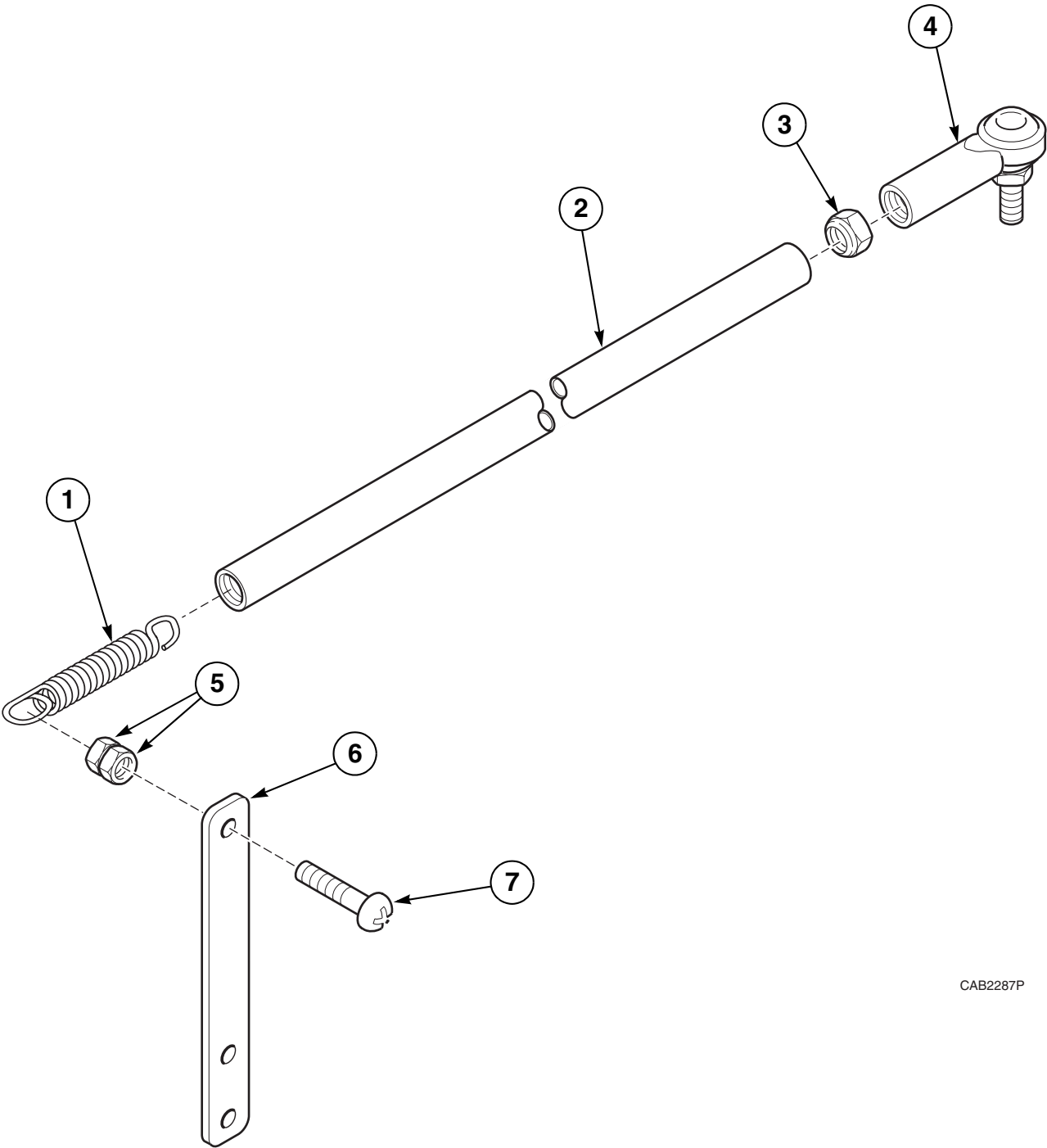
Safety Valve Assembly – Rear Right



Safety Valve Assembly – Rear Right

REF	PART NO.	DESCRIPTION	COMMENTS
	J1521947	Safety Valve Assembly – Rear Right	Includes items 1-3
1	J1520261	Safety Bar Bracket	
2	JA-53893	Bleeder Valve	
3	J1571025	Elbow	

Head Safety Bar Assembly



CAB2287P

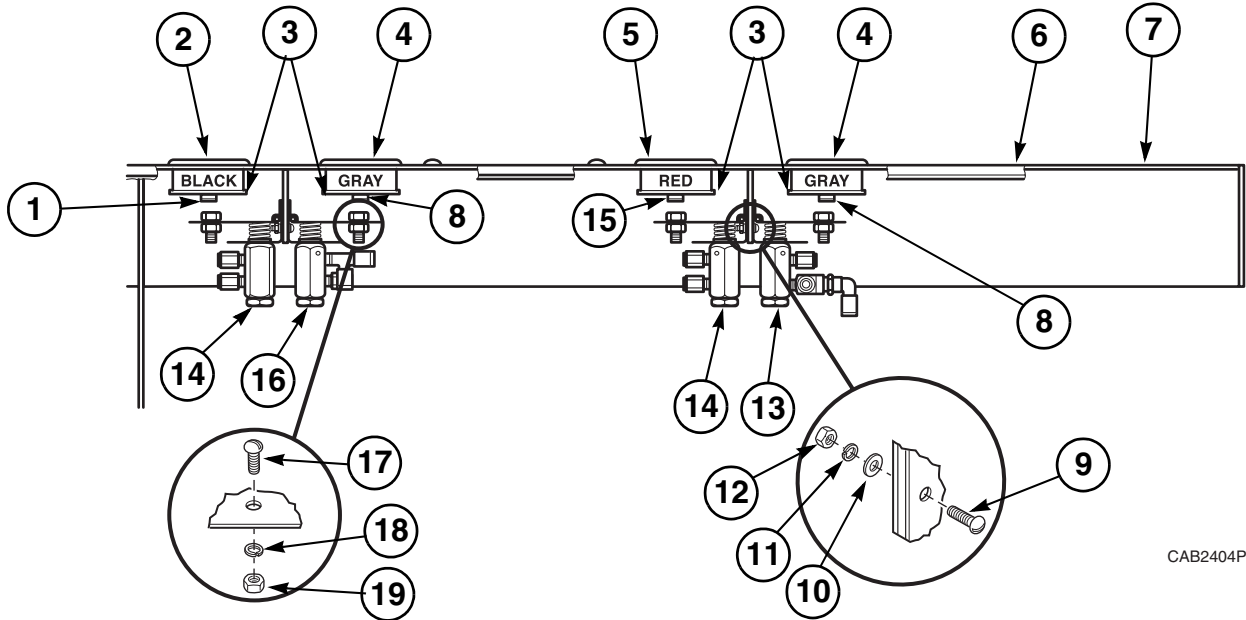
Head Safety Bar Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1522903	Head Safety Bar Assembly	Includes items 1-7
1	J1570993	Spring	
2	J1522887	Safety Bar Weldment	
3	N/A	Nut	
4	JA-53860	Rod End Bearing	
5	20275	Nut	2 required
6	J1521970	Safety Bar Mounting Tie	
7	JA-52524	Screw	

N/A = Part no longer available

Operating Control Panel Assembly (Drawing 1 of 2)

Models CBBY-X and CBBY-XV



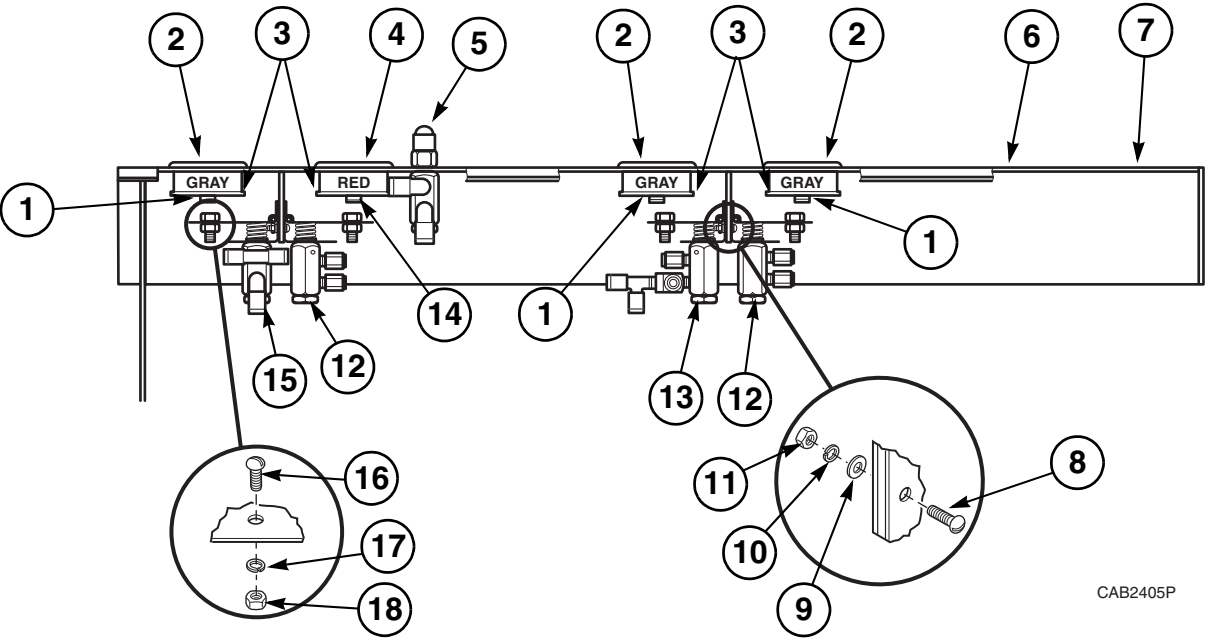
CAB2404P

Operating Control Panel Assembly (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1525203	Operating Control Assembly	Includes items 1-19
	J1111095	Screw	Used with item 6; 2 required
1	J1544048	Pushbutton Assembly	Black
2	J1591346	Grommet	Black; Replaces old gray assembly
3	JA-17705	Locking Ring	4 required
4	J1591304	Grommet	Gray; Replaces old red assembly; 2 required
5	J1591320	Grommet	Red; Replaces old gray assembly
6	JA-23315	Pushbutton Cover	
7	J1520931	Control Console Weldment	
8	J1538958	Pushbutton Assembly	Gray; 2 required
9	JC-61269	Screw	4 required
10	JC-80759	Washer	8 required
11	J1000975	Washer	4 required
12	J1000736	Nut	4 required
13	J1525195	Valve and Bracket Assembly	Refer to <i>Valve and Bracket Assembly</i> section for parts breakdown
14	J1438373	Valve and Bracket Assembly	Refer to <i>Valve and Bracket Assembly</i> section for parts breakdown
15	JA-04665	Pushbutton Assembly	Red
16	J1541838	Valve and Bracket Assembly	Refer to <i>Valve and Bracket Assembly</i> section for parts breakdown
17	JA-50134	Screw	4 required
18	M400013	Washer	4 required
19	70142	Nut	4 required

Operating Control Panel Assembly (Drawing 2 of 2)

Models DFB-X and DFB-XV

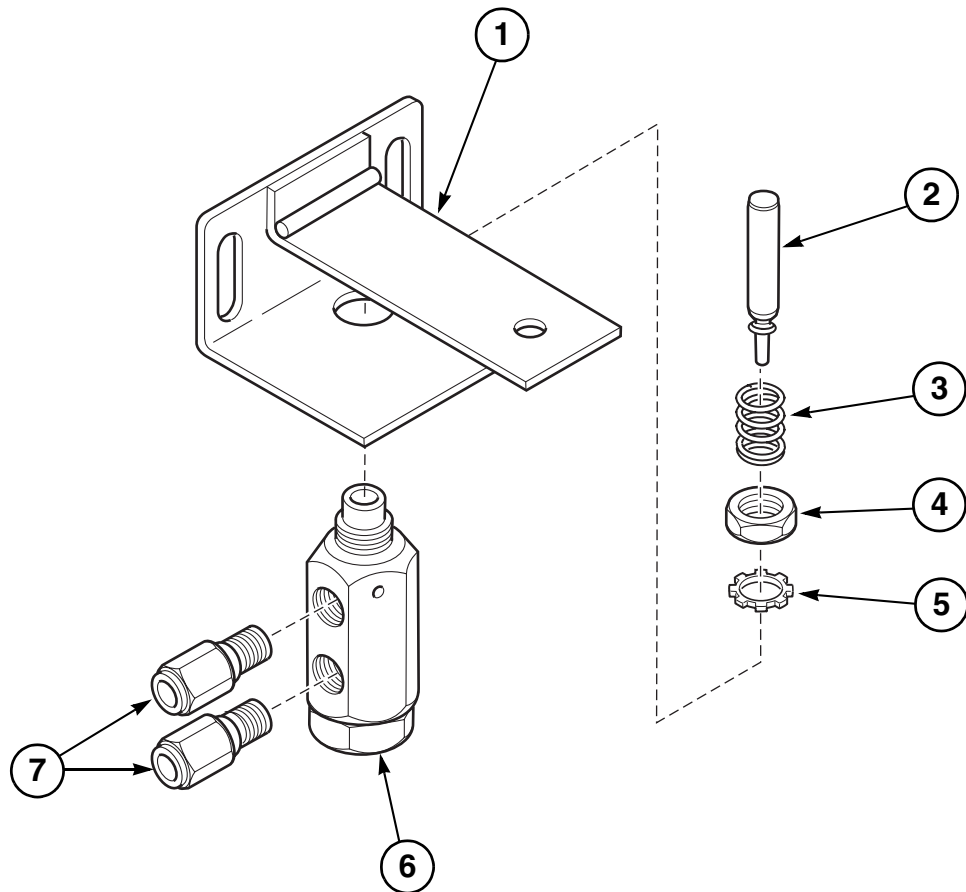


CAB2405P

Operating Control Panel Assembly (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1521095	Operating Control Assembly	Includes items 1-18
	J1111095	Screw	Used with item 6; 2 required
1	JA-04665	Pushbutton Assembly	Red
2	J1591320	Grommet	Red
3	JA-17705	Locking Ring	4 required
4	J1591304	Grommet	Gray; 3 required
5	J1525245	Tail Clamp Valve Assembly	Refer to <i>Tail Clamp Valve Assembly</i> section for parts breakdown
6	J1520915	Pushbutton Cover	
7	J1520931	Control Console Weldment	
8	JC-61269	Screw	4 required
9	JC-80759	Washer	8 required
10	J1000975	Washer	4 required
11	J1000736	Nut	4 required
12	J1438373	Valve and Bracket Assembly	Refer to <i>Valve and Bracket Assembly</i> section for parts breakdown
13	J1520907	Valve and Bracket Assembly	Refer to <i>Valve and Bracket Assembly</i> section for parts breakdown
14	J1538958	Pushbutton Assembly	Gray; 3 required
15	J1541846	Valve and Bracket Assembly	Refer to <i>Valve and Bracket Assembly</i> section for parts breakdown
	J1438381	Valve and Bracket Assembly	Refer to <i>Valve and Bracket Assembly</i> section for parts breakdown
16	JA-50134	Screw	4 required
17	M400013	Washer	4 required
18	70142	Nut	4 required

Valve and Bracket Assembly (Drawing 1 of 5)



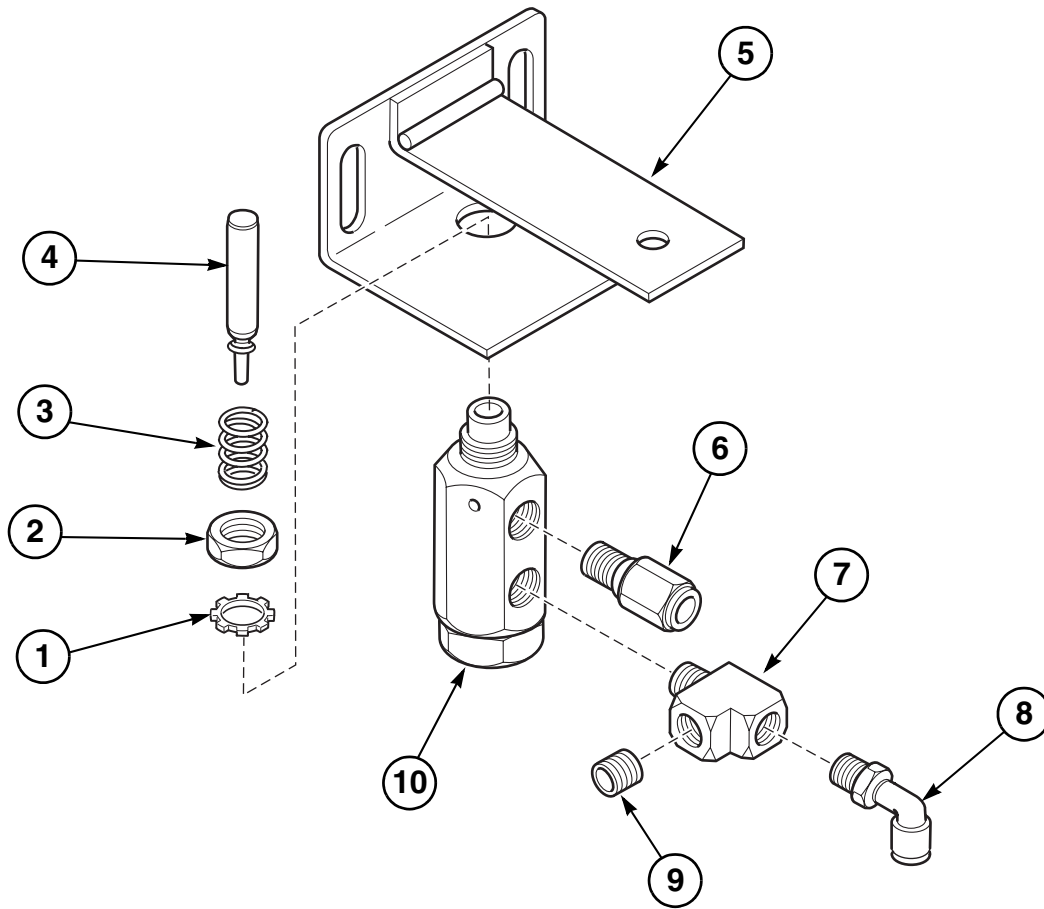
CAB2376P

Valve and Bracket Assembly (Drawing 1 of 5)

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	Compression 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	Connector	2 required

Valve and Bracket Assembly (Drawing 2 of 5)

CBBY Models



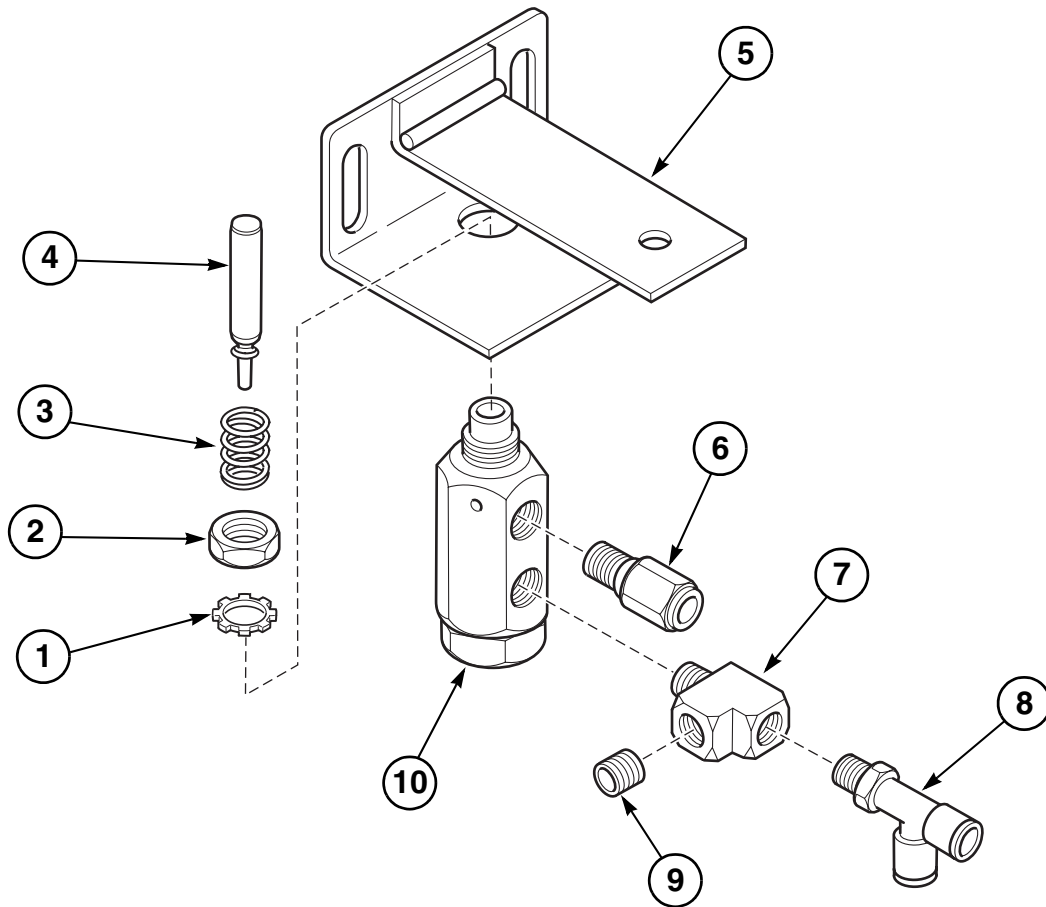
CAB2288P

Valve and Bracket Assembly (Drawing 2 of 5)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1525195	Valve and Bracket Assembly	Includes items 1-10
1	JA-52196	Washer	
2	JA-12900	Nut	
3	JA-50447	Compression Spring	
4	J1611417	Valve Stem	
5	JA-00546	Bracket Assembly	
6	F422101	Connector	
7	JC-30541	Tee	
8	J1407741	Elbow	
9	J1039858	Plug	
10	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown

Valve and Bracket Assembly (Drawing 3 of 5)

DFB Models



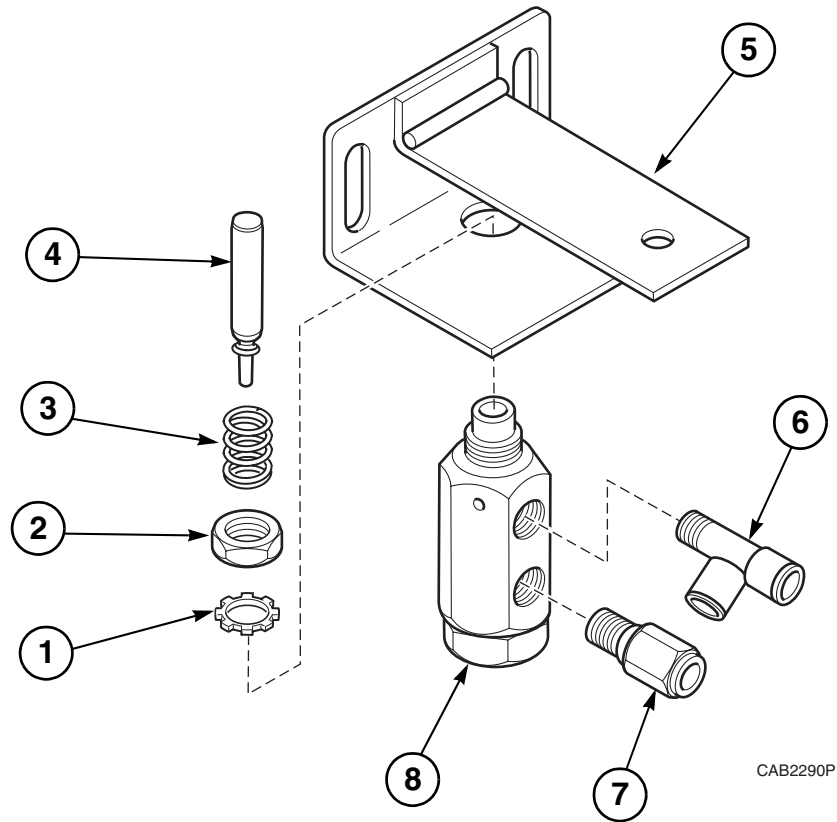
CAB2289P

Valve and Bracket Assembly (Drawing 3 of 5)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1520907	Valve and Bracket Assembly	Includes items 1-10
1	JA-52196	Washer	
2	JA-12900	Nut	
3	JA-50447	Compression Spring	
4	J1611417	Valve Stem	
5	JA-00546	Bracket Assembly	
6	F422101	Connector	
7	JC-30541	Tee	
8	J1438357	Tee	
9	J1039858	Plug	
10	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown

Valve and Bracket Assembly (Drawing 4 of 5)

CBBY Models

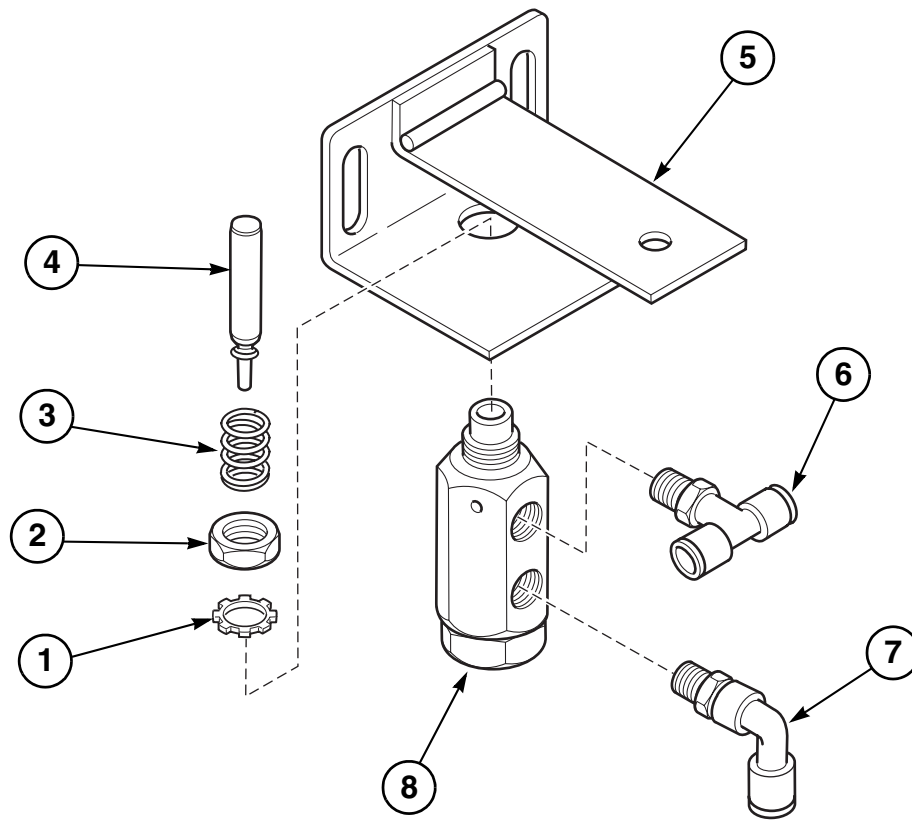


Valve and Bracket Assembly (Drawing 4 of 5)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1541838	Valve and Bracket Assembly	Includes items 1-8
1	JA-52196	Washer	
2	JA-12900	Nut	
3	JA-50447	Compression Spring	
4	J1611417	Valve Stem	
5	JA-00546	Bracket Assembly	
6	J1438357	Tee	
7	F422101	Connector	
8	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown

Valve and Bracket Assembly (Drawing 5 of 5)

DFB Models



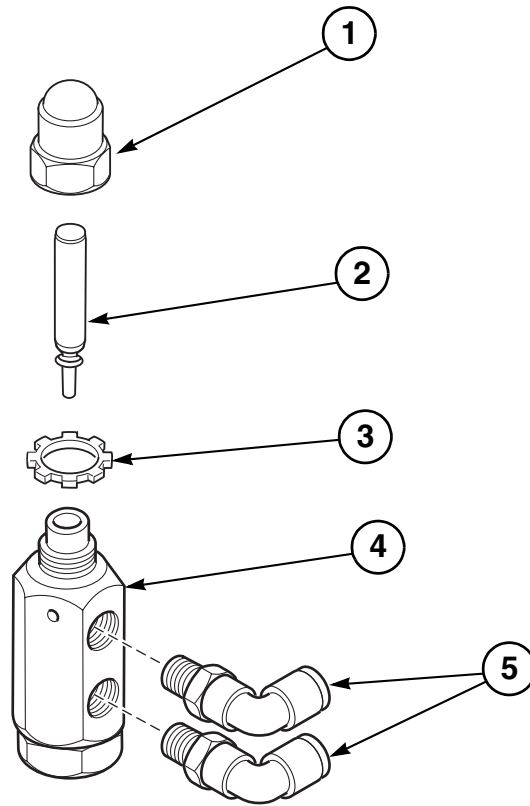
CAB2291P

Valve and Bracket Assembly (Drawing 5 of 5)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1541846	Valve and Bracket Assembly	Includes items 1-8
1	JA-52196	Washer	
2	JA-12900	Nut	
3	JA-50447	Compression Spring	
4	J1611417	Valve Stem	
5	JA-00546	Bracket Assembly	
6	J1437029	Tee	
7	J1407741	Elbow	
8	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown

Tail Clamp Valve Assembly

Model DFB



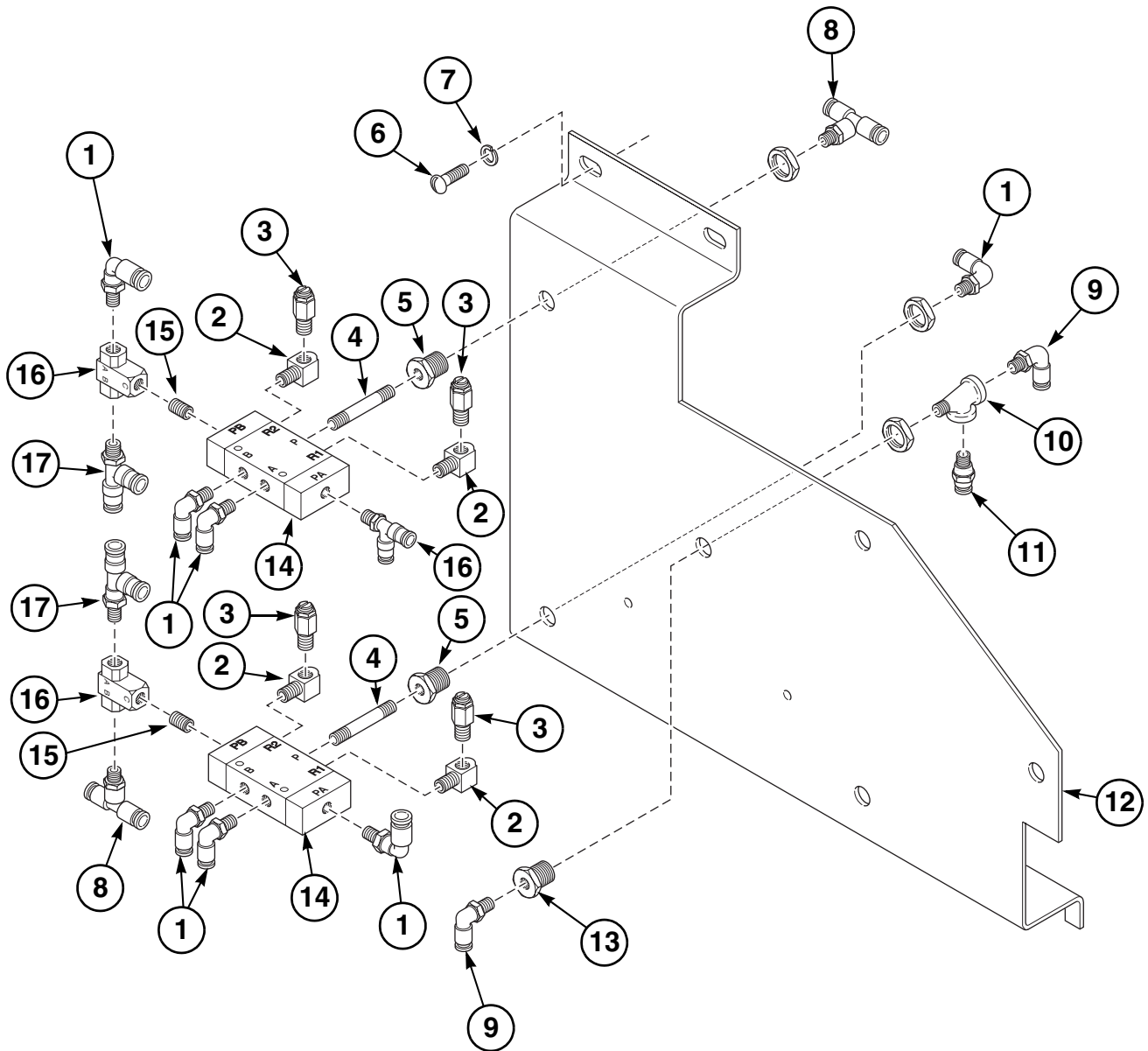
CAB2406P

Tail Clamp Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1525245	Tail Clamp 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

Operating Valve Assembly (Drawing 1 of 6)

Models DFB-X and DFB-XV



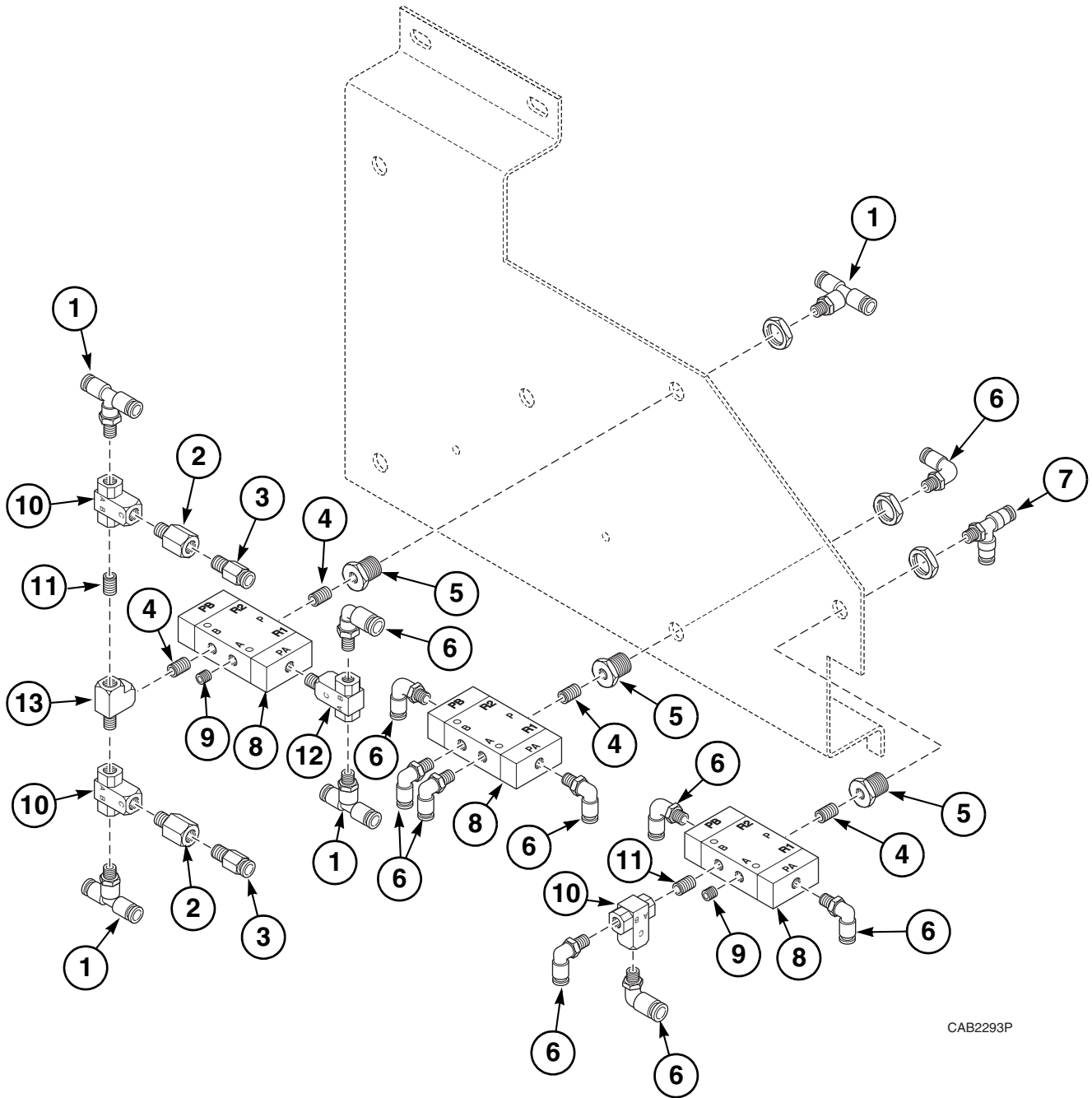
CAB2292P

Operating Valve Assembly (Drawing 1 of 6)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1523786	Operating Valve Assembly	
1	J1407741	Elbow	17 required in whole assembly
2	JC-23817	Elbow	4 required in whole assembly
3	J1548403	Flow Control Valve	Swivel; 4 required in whole assembly
4	J1026103	Nipple	2 required in whole assembly
5	J1598911	Bulkhead Fitting	5 required in whole assembly; Includes nut
6	J1238518	Screw	4 required
7	J1185073	Washer	4 required
8	J1437029	Tee	5 required in whole assembly
9	J1419811	Elbow	2 required in whole assembly
10	J1266808	Tee	
11	J1408020	Connector	
12	J1524156	Valve Mounting Bracket	
13	J1482389	Bulkhead Fitting	Includes nuts
14	J1548783	Valve	4-way; Double pilot; 5 required in whole assembly
15	J1232313	Nipple	6 required in whole assembly
16	J1523596	Shuttle Valve	3 required in whole assembly
17	J1438357	Tee	4 required in whole assembly

Operating Valve Assembly (Drawing 2 of 6)

Models DFB-X and DFB-XV



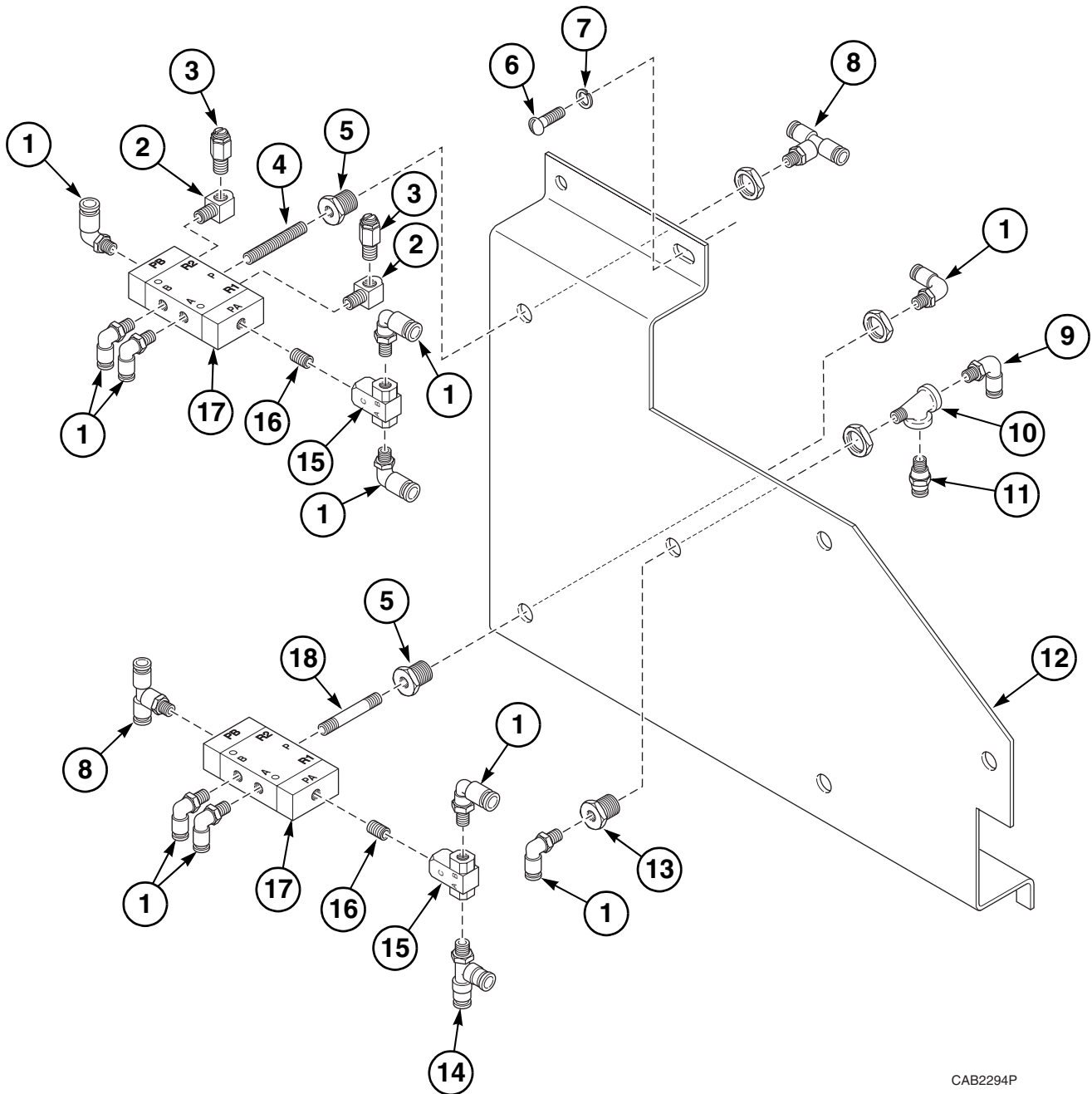
CAB2293P

Operating Valve Assembly (Drawing 2 of 6)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1523786	Operating Valve Assembly	
1	J1437029	Tee	5 required in whole assembly
2	J1392158	Orifice	2 required in whole assembly
3	F422101	Connector	2 required in whole assembly
4	J1232313	Nipple	6 required in whole assembly
5	J1598911	Bulkhead Fitting	5 required in whole assembly; Includes nut
6	J1407741	Elbow	17 required in whole assembly
7	J1438357	Tee	4 required in whole assembly
8	J1548783	Valve	4-way; Double pilot; 5 required in whole assembly
9	J1039858	Plug	2 required in whole assembly
10	JA-53602	Shuttle Valve	3 required in whole assembly
11	J1026103	Nipple	2 required
12	J1523596	Shuttle Valve	3 required in whole assembly
13	JC-30541	Tee	

Operating Valve Assembly (Drawing 3 of 6)

Model CBBY-XV



CAB2294P

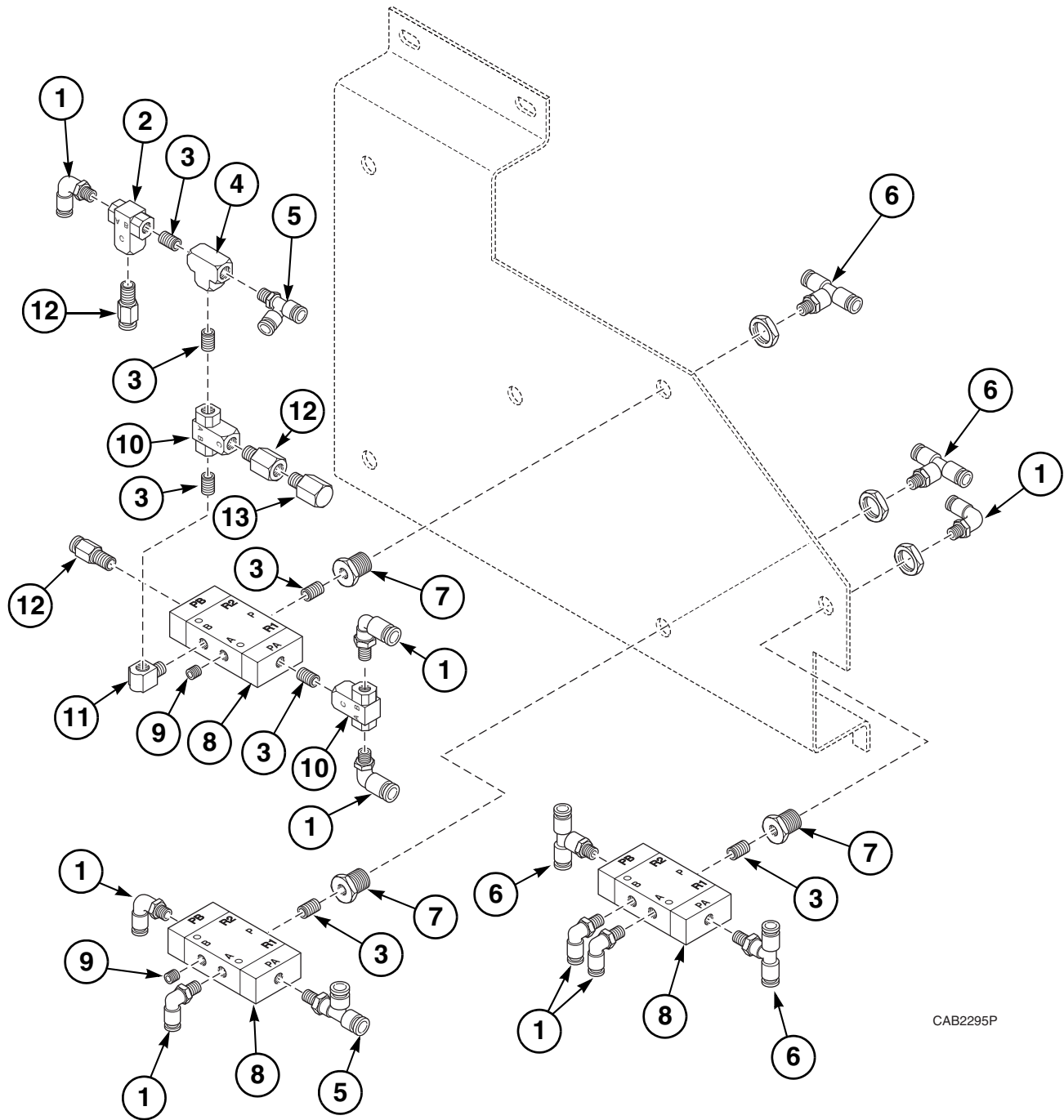
Operating Valve Assembly (Drawing 3 of 6)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1525211	Operating Valve Assembly	
1	J1407741	Elbow	15 required for whole assembly
2	JC-28317	Elbow	3 required for whole assembly
3	J1548403	Flow Control Valve	2 required for whole assembly
4	J1026103	Nipple	
5	J1598911	Bulkhead Fitting	Includes nut; 5 required for whole assembly
6	J1238518	Screw	4 required
7	J1185073	Washer	4 required
8	J1437029	Tee	6 required for whole assembly
9	J1419811	Elbow	5 required for whole assembly
10	J1266808	Tee	
11	J1408020	Connector	
12	J1524156	Valve Mounting Bracket	
13	J1482389	Bulkhead Fitting	Includes nut; 5 required for whole assembly
14	J1438357	Tee	3 required for whole assembly
15	J1523596	Shuttle Valve	3 required for whole assembly
16	J1232313	Nipple	7 required for whole assembly
17	J1548783	Valve	4-way; Double pilot; 5 required for whole assembly
18	N/A	Nipple	

N/A = Part no longer available

Operating Valve Assembly (Drawing 4 of 6)

Model CBBY-XV



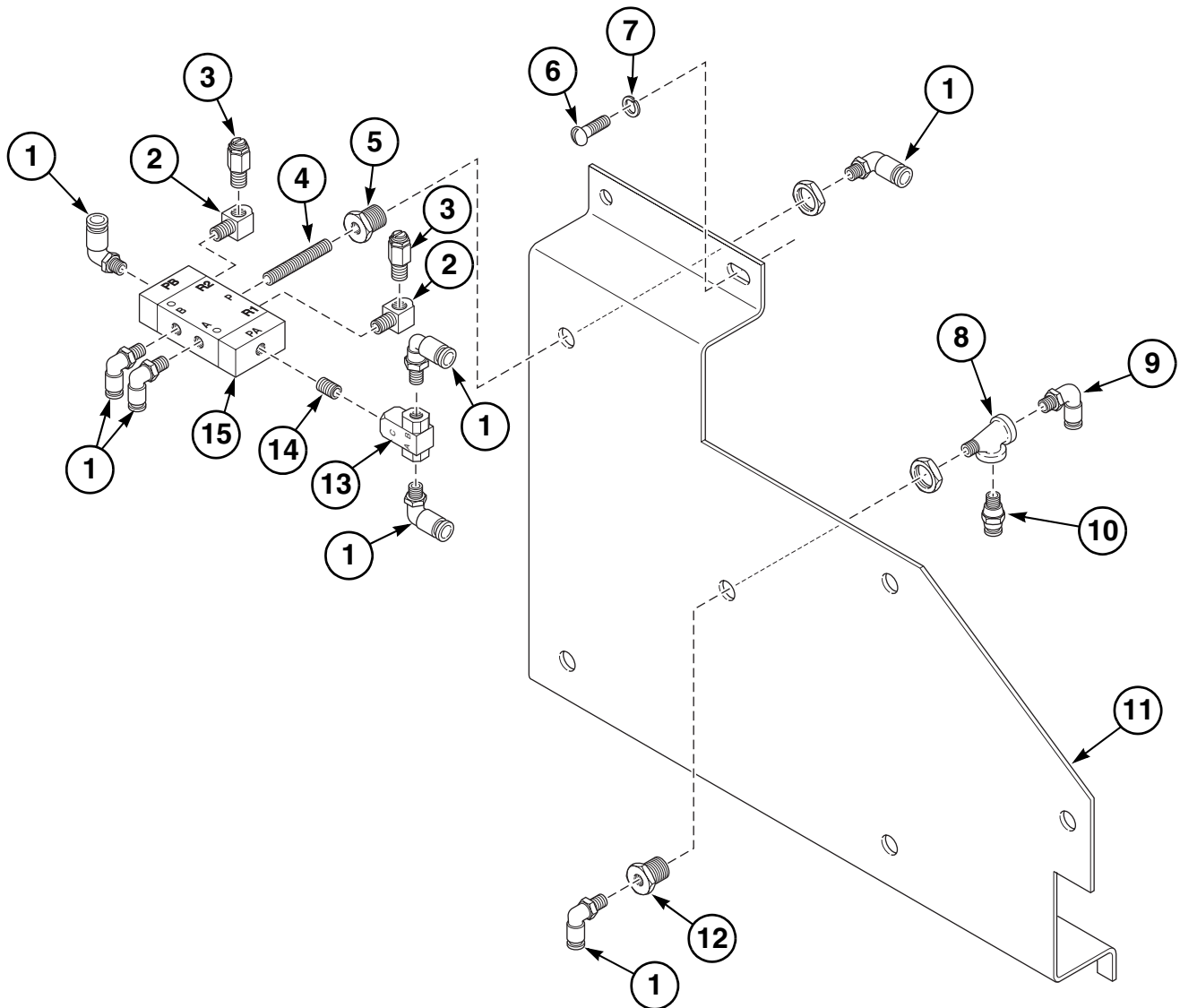
CAB2295P

Operating Valve Assembly (Drawing 4 of 6)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1525211	Operating Valve Assembly	
1	J1407741	Elbow	15 required for whole assembly
2	JA-53602	Shuttle Valve	2 required for whole assembly
3	J1232313	Nipple	7 required for whole assembly
4	JC-70613	Tee	
5	J1438357	Tee	3 required for whole assembly
6	J1437029	Tee	6 required for whole assembly
7	J1598911	Bulkhead Fitting	5 required for whole assembly; Includes nut
8	J1548783	Valve	4-way; Double pilot; 5 required for whole assembly
9	J1039858	Plug	2 required for whole assembly
10	J1523596	Shuttle Valve	3 required for whole assembly
11	JC-28317	Elbow	3 required for whole assembly
12	F422101	Connector	3 required for whole assembly
13	J1392158	Orifice	

Operating Valve Assembly (Drawing 5 of 6)

Model CBBY-X



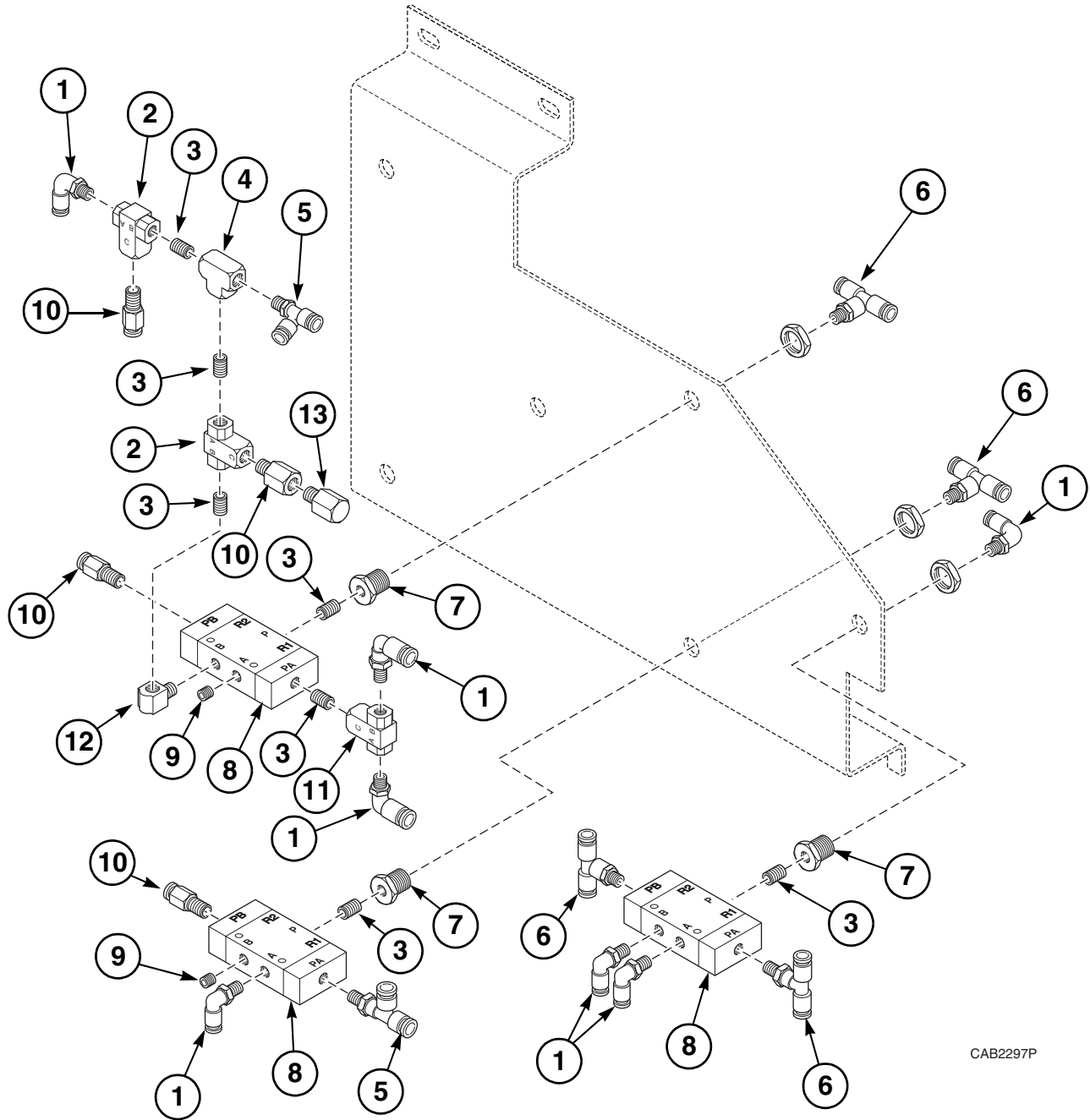
CAB2296P

Operating Valve Assembly (Drawing 5 of 6)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1525229	Operating Valve Assembly	
1	J1407741	Elbow	13 required for whole assembly
2	JC-28317	Elbow	3 required for whole assembly
3	J1548403	Flow Control Valve	2 required for whole assembly
4	J1026103	Nipple	
5	J1598911	Bulkhead Fitting	Includes nut; 4 required for whole assembly
6	J1238518	Screw	
7	J1185073	Washer	
8	J1266808	Tee	
9	J1419811	Elbow	2 required for whole assembly
10	J1408020	Connector	
11	J1524156	Valve Mounting Bracket	
12	J1482389	Bulkhead Fitting	Includes nut
13	J1523596	Shuttle Valve	2 required for whole assembly
14	J1232313	Nipple	6 required for whole assembly
15	J1548783	Valve	4-way; Double pilot; 4 required for whole assembly

Operating Valve Assembly (Drawing 6 of 6)

Model CBBY-X

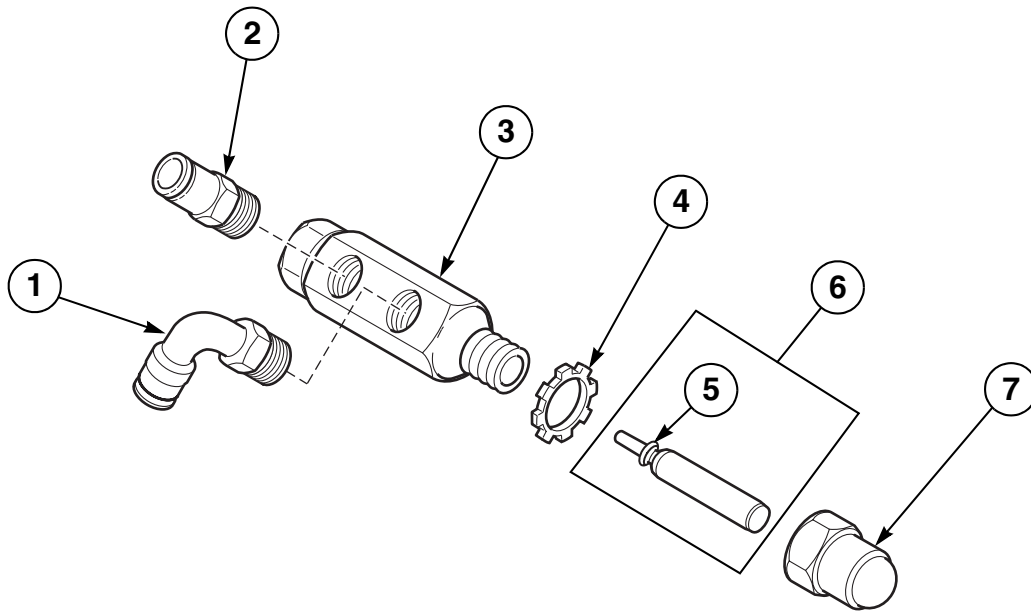


CAB2297P

Operating Valve Assembly (Drawing 6 of 6)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1525229	Operating Valve Assembly	
1	J1407741	Elbow	13 required for whole assembly
2	JA-53602	Shuttle Valve	2 required for whole assembly
3	J1232313	Nipple	6 required for whole assembly
4	JC-70613	Tee	
5	J1438357	Tee	
6	J1437029	Tee	4 required for whole assembly
7	J1598911	Bulkhead Fitting	Includes nut; 4 required for whole assembly
8	J1548783	Valve	4-way; Double pilot; 4 required for whole assembly
9	J1039858	Plug	2 required for whole assembly
10	F422101	Connector	4 required for whole assembly
11	J1523596	Shuttle Valve	2 required for whole assembly
12	JC-28317	Elbow	3 required for whole assembly
13	J1392158	Orifice	

Reset Valve Assembly

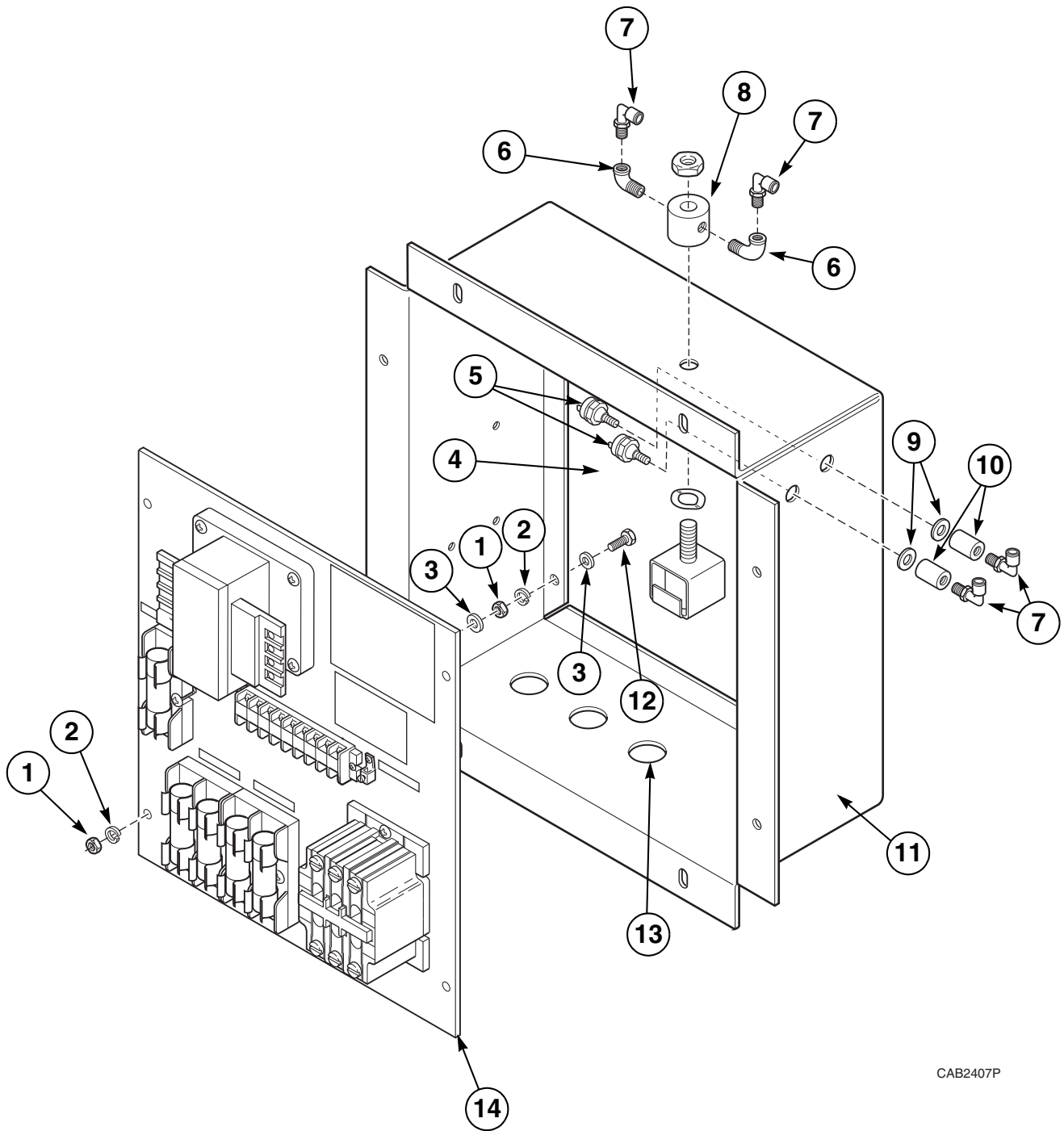


CAB2373P

Reset Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1445303	Reset Valve Assembly	Includes items 1-4 and 6-7
1	J1407741	Elbow	
2	F422101	Connector	
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	

Electrical Control Assembly



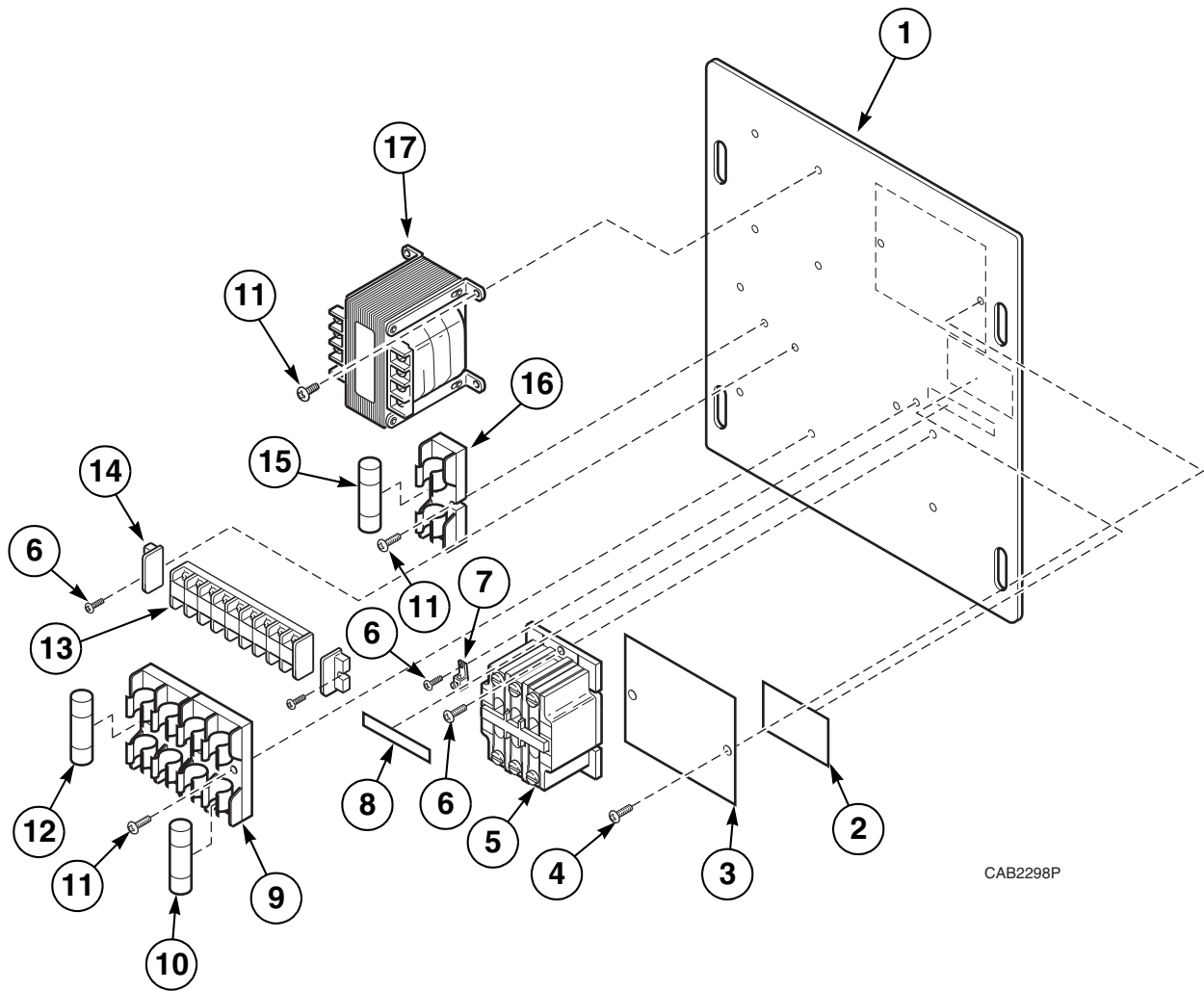
CAB2407P

Electrical Control Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1531698	Insulation	
1	20275	Nut	8 required
2	J1185073	Washer	8 required
3	JC-80513	Washer	8 required
4	N/A	Backplate	
5	J1364181	Pressure Switch	2 required
6	JC-28235	Elbow	2 required
7	J1398288	Elbow	4 required
8	J1362854	Solenoid Valve	
9	J1001304	Washer	2 required
10	N/A	Coupling	2 required
11	N/A	Enclosure Weldment	
12	JC-62724	Screw	4 required
13	J1427103	Vent Plug	8 required
14	J1547041	Control Box Assembly	Below 250 Volt/3 Phase/50-60 Hertz; Refer to <i>Control Box Assembly</i> section for parts breakdown
	J1547058	Control Box Assembly	460 Volt/3 Phase/60 Hertz; Refer to <i>Control Box Assembly</i> section for parts breakdown
	N/A	Control Box Assembly	575 Volt/3 Phase/60 Hertz; Refer to <i>Control Box Assembly</i> section for parts breakdown
	J1547074	Control Box Assembly	380-415 Volt/3 Phase/50 Hertz; Refer to <i>Control Box Assembly</i> section for parts breakdown

N/A = Part no longer available

Control Panel Assembly



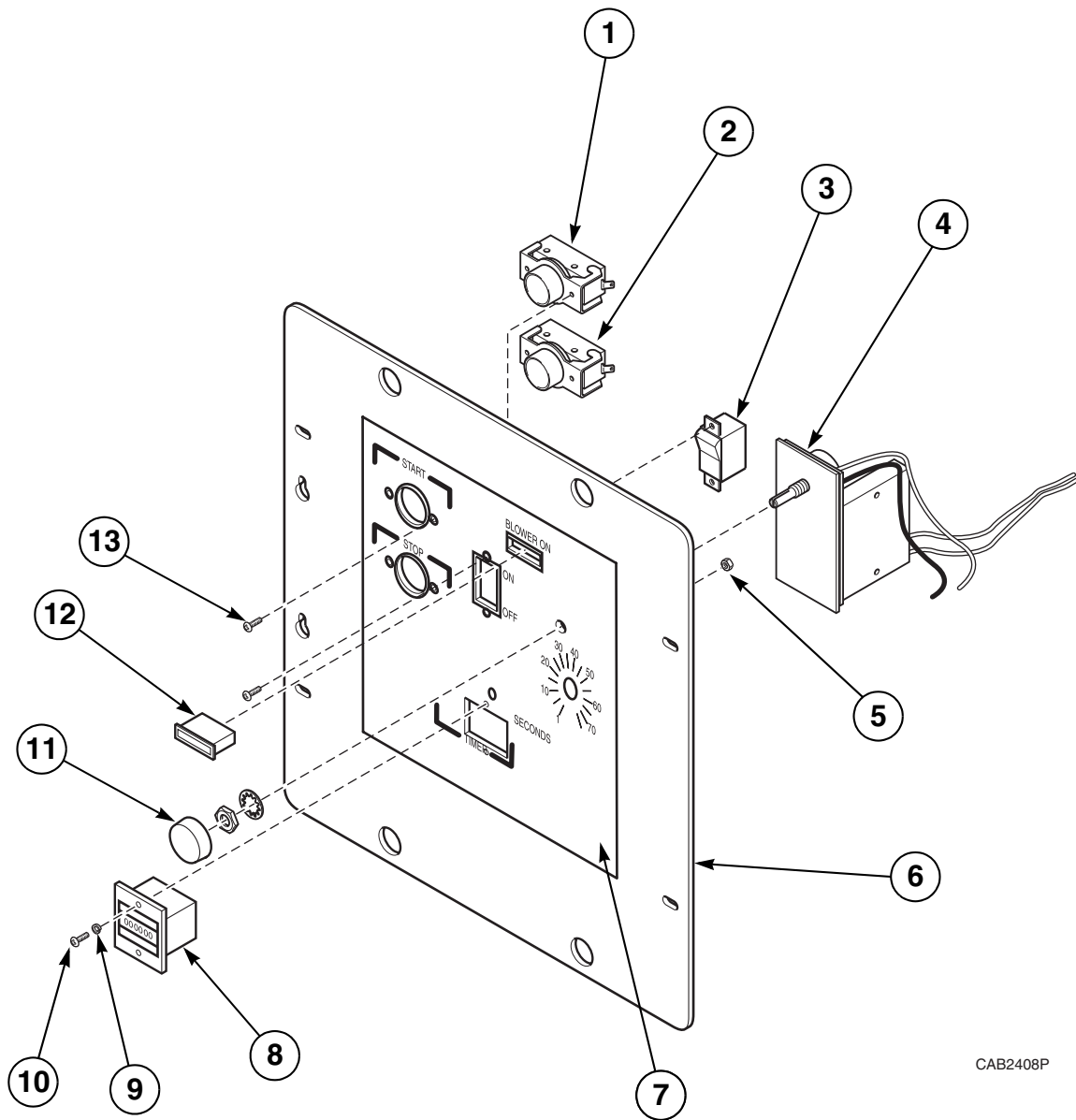
CAB2298P

Control Panel Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JC-57855	Contactator	Used with item 5
1	N/A	Control Panel	
2	N/A	UL Label	
3	N/A	Nameplate	Below 250 Volt
	N/A	Nameplate	Above 250 Volt
4	J1378603	Screw	2 required
5	JC-25008	Auxillary Contact	
6	JC-64014	Screw	5 required
7	J1189125	Ground Lug	
8	J10-607	Label	Ground wire
9	J1235142	Fuse Block	2 required; Below 250 Volt
	J1401884	Fuseholder	2 required; Above 250 Volt
10	J1234665	Fuse	2 required; 10 Amp; 250; Below 250 Volt
	J1422930	Fuse	2 required; 6 Amp; 600 Volt; Above 250 Volt
	J1408780	Fuse	2 required; 5 Amp; 460/575 Volt; Above 250 Volt
11	J1323153	Screw	8 required
12	JC-31691	Fuse	2 required; 2 Amp, 250 Volt; Below 250 Volt
	J1477496	Fuse	2 required; 1 Amp; 380/415/460 Volt; Above 250 Volt
	J1545417	Fuse	2 required; .8 Amp; 575 Volt; Above 250 Volt
13	J1081793	Terminal Block	9 required
14	J1085943	Terminal Block End	
15	J1235944	Fuse	1 Amp; 250 Volt
16	J1081710	Fuse Block	
17	J1475938	Transformer	208-230-460 Volt/3 Phase/50-60 Hertz
	J1475946	Transformer	575 Volt/3 Phase/60 Hertz
	J1475953	Transformer	380-415 Volt/3 Phase/50-60 Hertz

N/A = Part no longer available

Motor and Timer Control Box Cover Assembly



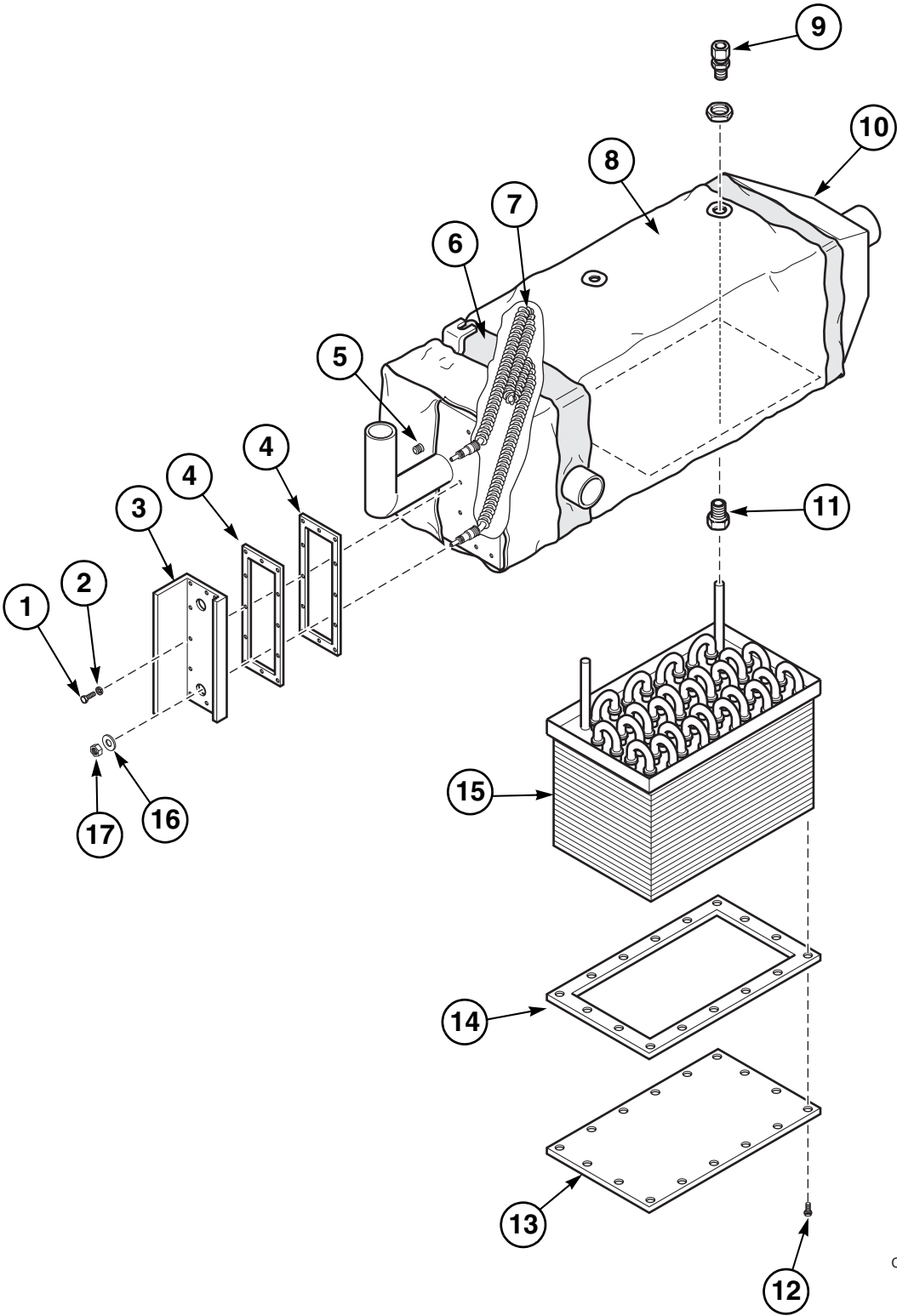
CAB2408P

Motor and Timer Control Box Cover Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1531086	Motor and Timer Control Box Cover Assembly	Includes items 1-13
1	M400954P	Pushbutton	Black
2	N/A	Pushbutton	Red
3	J1236306	Rocker Switch	SPDT
4	J1478601	Timer Assembly	115 Volt
	J200050400	Common Timer Circuit Board Kit	Order to replace J1478601 Timer Assembly
5	02788	Nut	
6	J1518026	Control Box Cover	
7	J1516921	Operating Control Nameplate	
8	J1530765	Counter	
9	J1216357	Washer	
10	J1112887	Screw	
11	JE-66022	Knob	
12	JST-163-2	Lamp	110 Volt
13	J1233162	Screw	

N/A = Part no longer available

Heat Exchanger Assembly

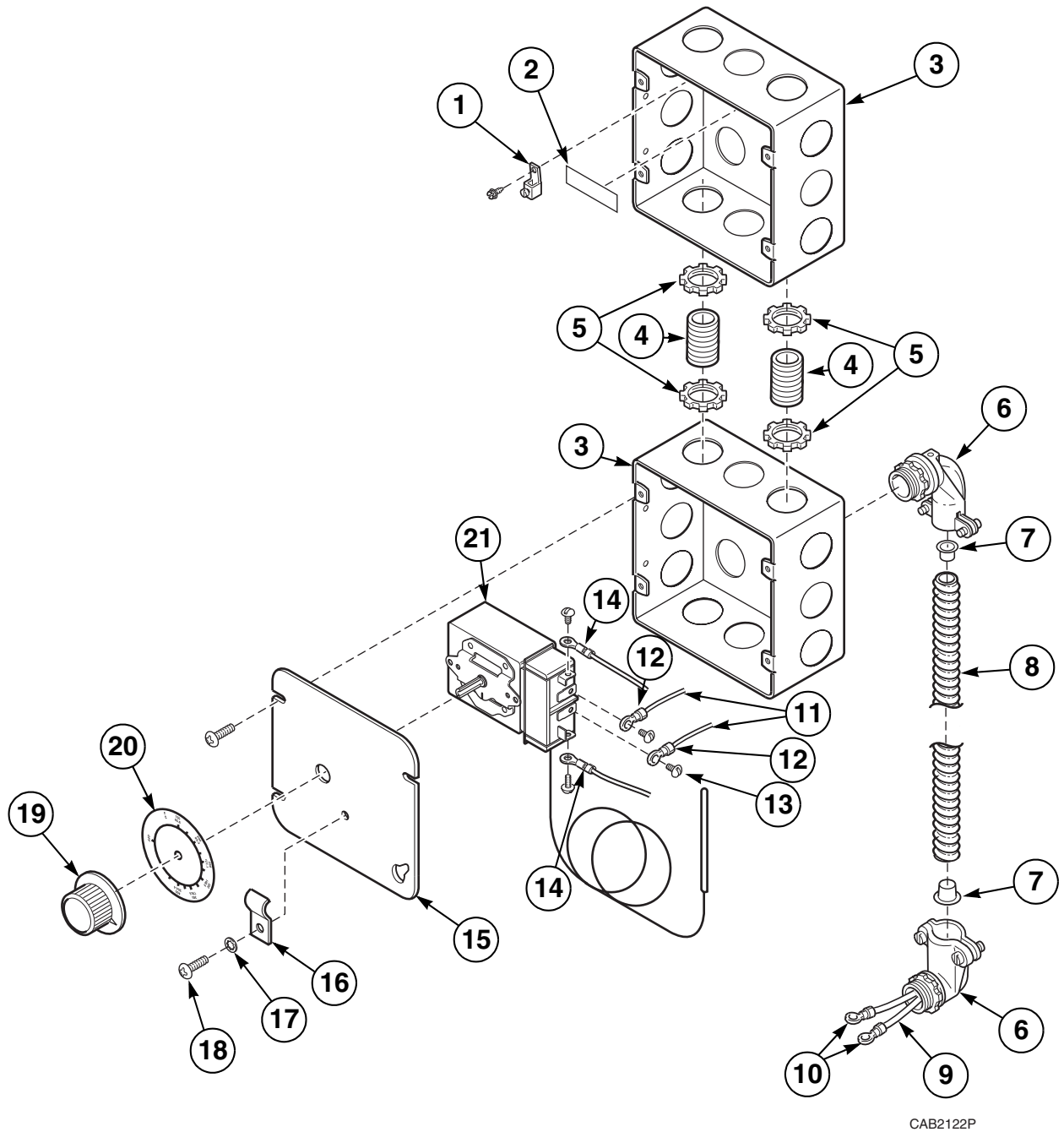


CAB2079P

Heat Exchanger Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1525237	Heat Exchanger Assembly	Includes items 1-17
1	J1571371	Screw	12 required
2	J1000975	Washer	12 required
3	JA-22982	Plate	
4	JA-23801	Gasket	2 required
5	JA-24122	Fitting	
6	J0440160-00	Duct Tape	
7	JA-53883	Heater Element	1500 Watts; 230 Volt
8	J1540749	Insulation	
9	JC-31374	Connector	2 required
10	J1538750	Heat Exchanger Housing Weldment	
11	J1540731	Bulkhead Fitting	2 required
12	H88214572	Screw	16 required
13	J1562818	Heat Exchanger Cover	
14	J1540814	Gasket	4 feet required
15	J1536382	Steam Coil Weldment	
16	JC-80565	Washer	2 required
17	JC-48312	Nut	2 required

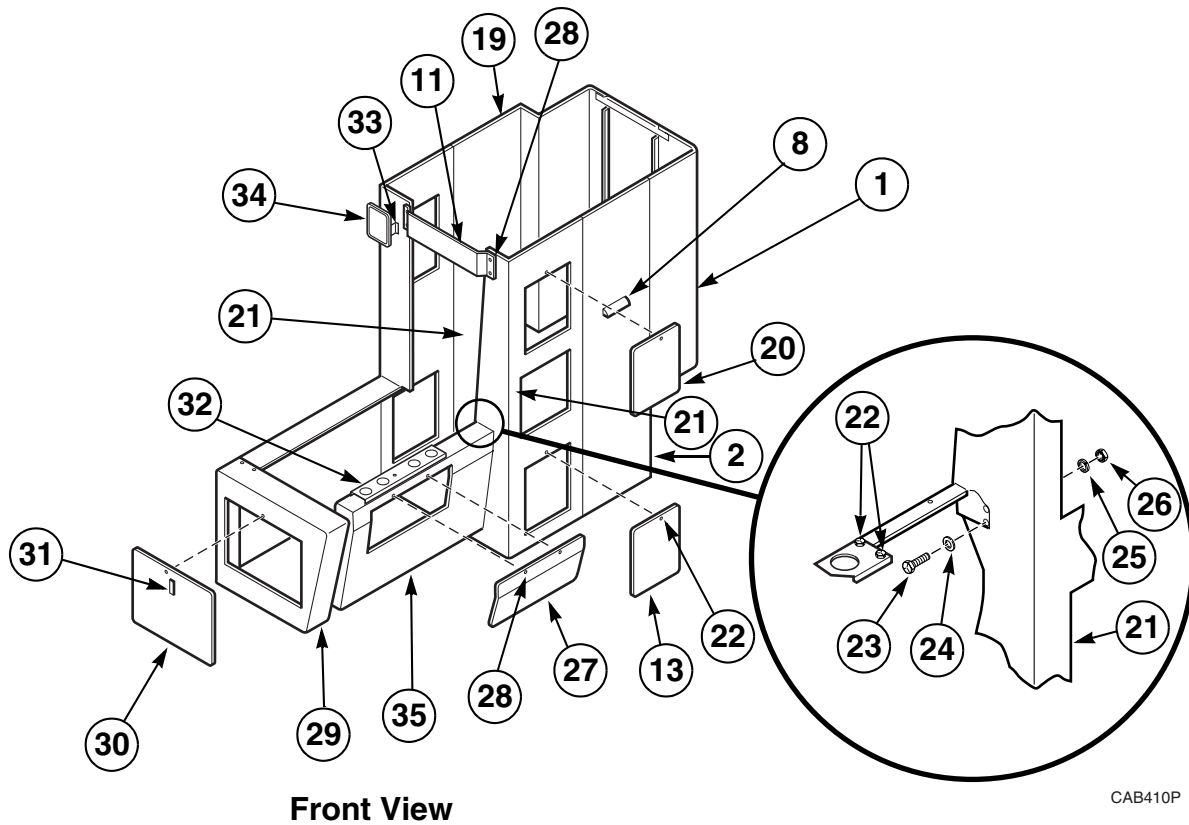
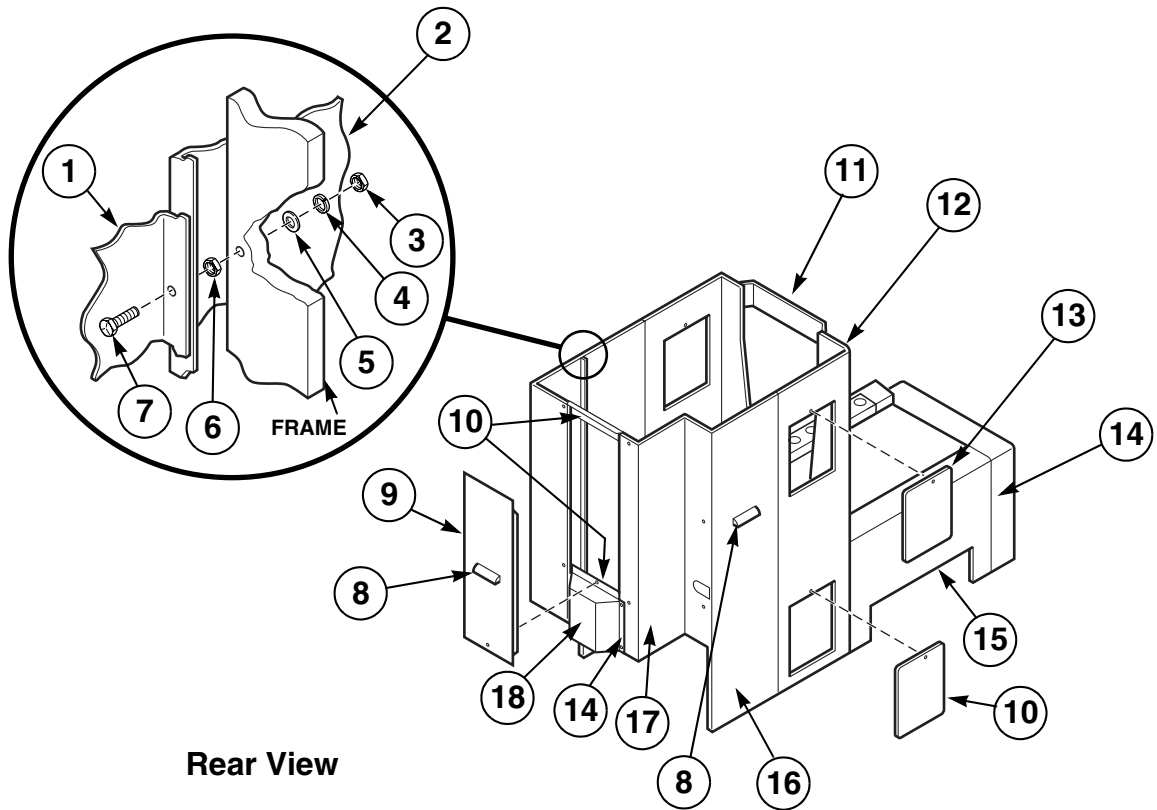
Thermostat Assembly



Thermostat Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1531094	Thermostat Assembly	Includes items 1-21, JM-99961 Sleeving and J1066919 Bushing
	JM-99961	Sleeving	Fiberglass; 3 feet required; Used with item 9
	J1066919	Bushing	
1	J1189125	Ground Lug	
2	J10-607	Label	Ground wire
3	JC-18268	Electric Box	2 required
4	JC-46347	Nipple	2 required
5	J1210988	Nut	8 required
6	J1086115	Connector	2 required
7	J1232990	Bushing	2 required
8	J1108497	Conduit	
9	JR-90132	Wire	12 gauge; 3 feet required
10	J1285147	Terminal Ring	2 required
11	JM-99150	Wire	14 gauge; 2 feet required
12	J1190370	Terminal Ring	2 required
13	J1233659	Screw	2 required
14	JT-168-4	Terminal Ring	2 required
15	JA-24123	Thermostat Mounting Plate	
16	J1244623	Clamp	
17	J1085984	Washer	
18	J1199389	Screw	
19	JA-56916	Knob	
20	JA-86858	Decals	
21	JA-54183	Thermostat	150 – 400° F

Covers Assembly

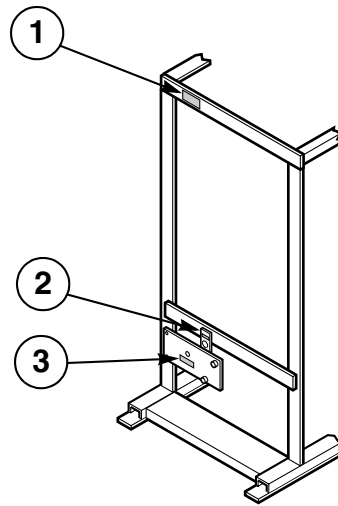


CAB410P

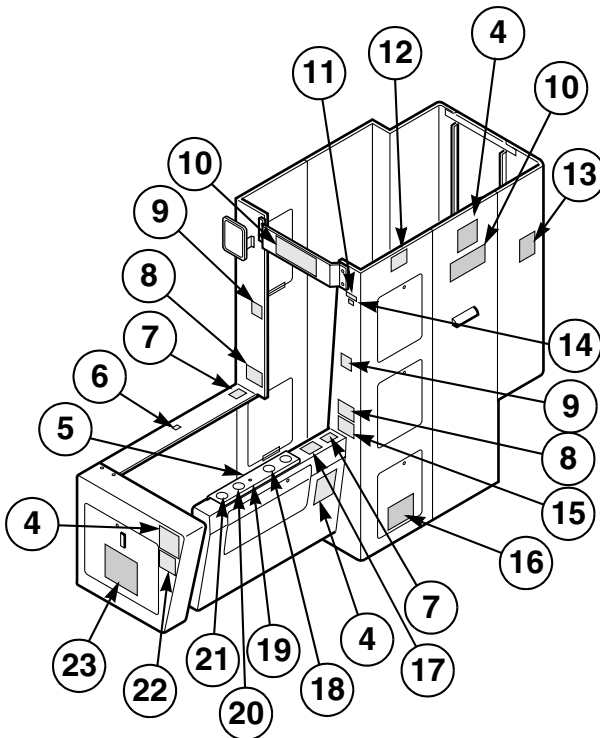
Covers Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1520410	Cover	Front right
2	J1520295	Cover	Front center
3	70142	Nut	
4	M400013	Washer	
5	J1001270	Washer	
6	70142	Nut	
7	J1531789	Screw	
8	J1240985	Handle	
	J1085984	Washer	
	J1187228	Screw	
9	J1520329	Cover	Right
10	J1520311	Support Cover	Rear
11	J0637775-00	Head Cabinet Guard	Top left
12	J1520386	Cover	Rear left
13	J1520360	Access Panel Cover Weldment	
14	J1111095	Screw	
	J1348192	Nut	
15	J1520394	Rail Cover	Rear
16	J1520402	Cover	Rear center
17	J1520378	Cover	Rear right
18	JA-22938	Cover	Drive cylinder
19	J1320738	Roller Pin	
20	J1541895	Access Panel Cover Weldment	
21	J1534056	Cover Weldment	Left front
22	J1111095	Screw	
23	JA-53020	Screw	
24	J1185073	Washer	
25	JC-80583	Washer	
26	20275	Nut	
27	J1440593	Door Panel Assembly	
28	J1063619	Screw	
29	J1523026	Cover Weldment	Left
30	J1520345	Access Panel Weldment	Left
31	J1614809	Latch	
32	J1521095	Operating Control Assembly	
33	J1528579	Mirror Bracket	Use JA-50394 Screw, J1185073 Lockwasher and J1000769 Nut to attach
34	J1530955	Mirror	
35	J1520436	Control Panel Cover	

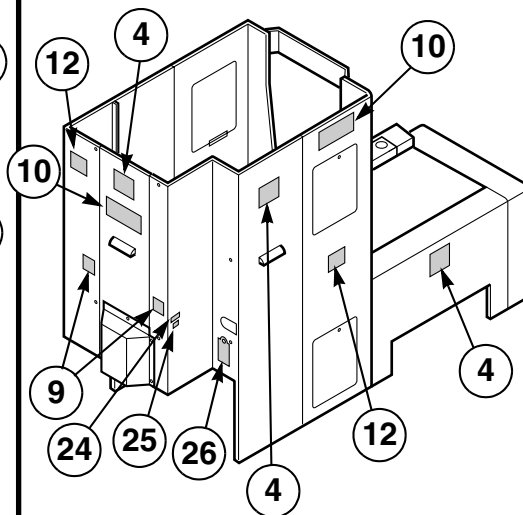
Label Application



Internal Rear View



Front View



Rear View

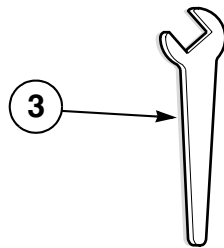
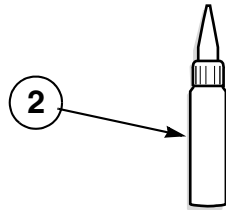
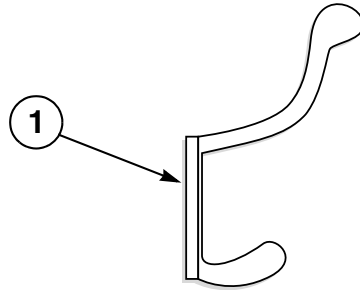
CAB412P

Label Application

REF	PART NO.	DESCRIPTION	COMMENTS
	J1323724	Rivet	42 required
	JA-18833	Label	Quadrant; 2 required
	JA-24671	Label	Adjust quadrant
1	J1312545	Nameplate	Supply wire; Use (2) J1040476 Screw and (2) J1000975 Lockwasher to secure
2	JA-17841	Label	Steam inlet
3	JA-17840	Label	Steam return
4	J1450931	Label	6 required; Before removing panel
5	JA-18602	Label	Tail clamp release; CBBY-X models only
6	JA-24370	Label	Clean filter weekly
7	J1556471	Label	2 required; Warning: To avoid injury ...
8	J1443688	Nameplate	2 required; Warning hot surface
9	J1411925	Label	4 required; Warning, Release bar
10	70240801	Nameplate	4 required; Ajax
11	J1411313	Label	Reset Button
12	J1162718	Label	3 required; Guards in place
13	N/A	Label	
14	J1411339	Label	Release bar
15	J1524719	Label	Buck selection
16	J1547553	Label	High/Low pressure adjustment
17	JA-22464	Decal	Start-up
18	JA-24822	Label	Carriage in
19	J1472208	Label	Sleeve expander
20	JA-18606	Label	Head release
21	JA-18289	Label	In
22	N/A	Nameplate	Serial/Rating
23	J1547587	Label	Operating valves adjustment; Model CBBY-X
	J1547579	Label	Operating valves adjustment; Model CBBY-XV
	J1547561	Label	Operating valves adjustment; DFB Models
24	J1326156	Label	Air pressure 80-100 psi
25	JA-17842	Label	Air inlet
26	J1546274	Tag	Weekly filter maintenance

N/A = Part no longer available

Completing Parts

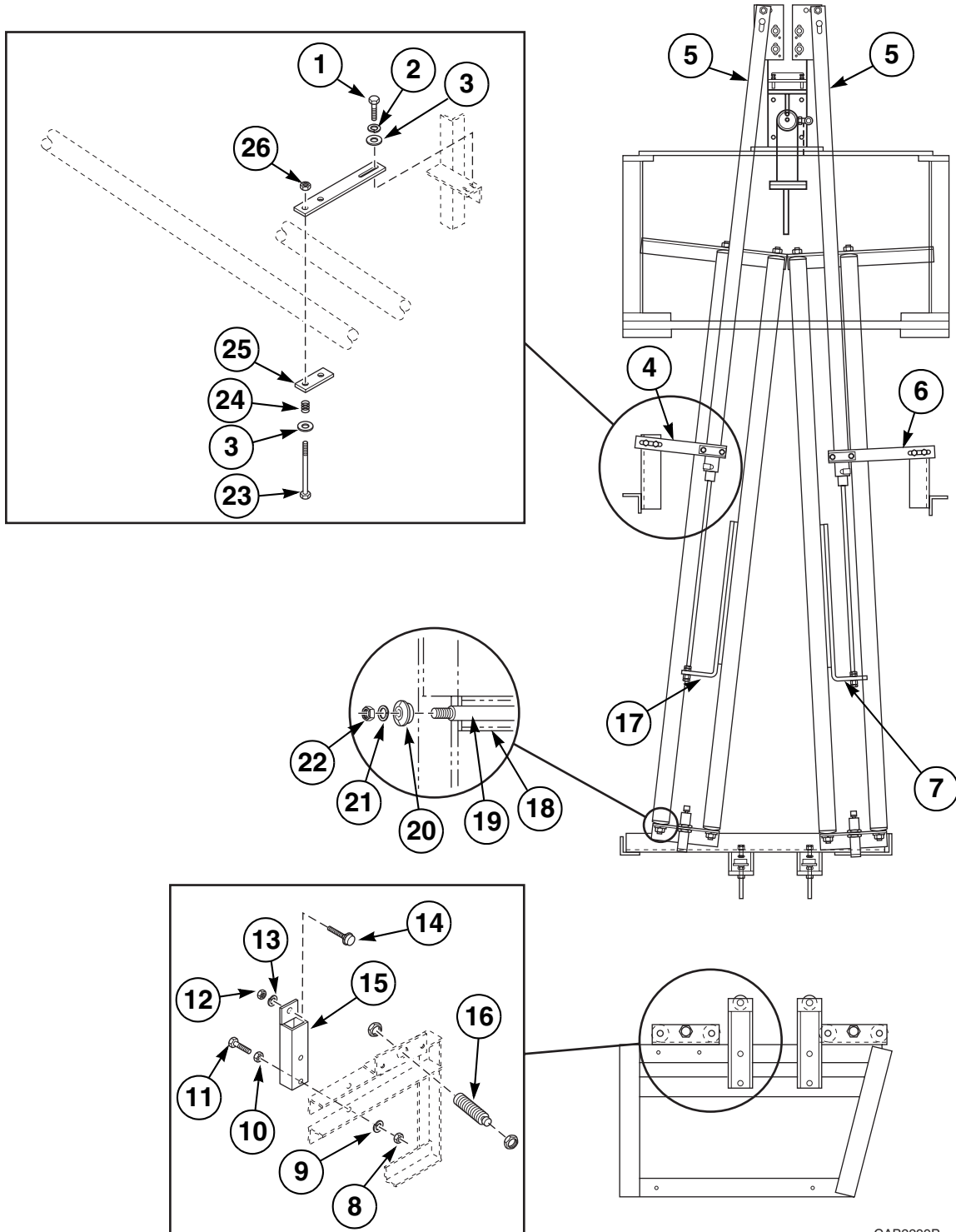


CAB2336P

Completing Parts

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1410901	Hook	
2	J1490598	Lubricant	High temperature; 1 oz. bottle
3	J1484732	Wrench	Eccentric

Frame Completing Parts



CAB2299P

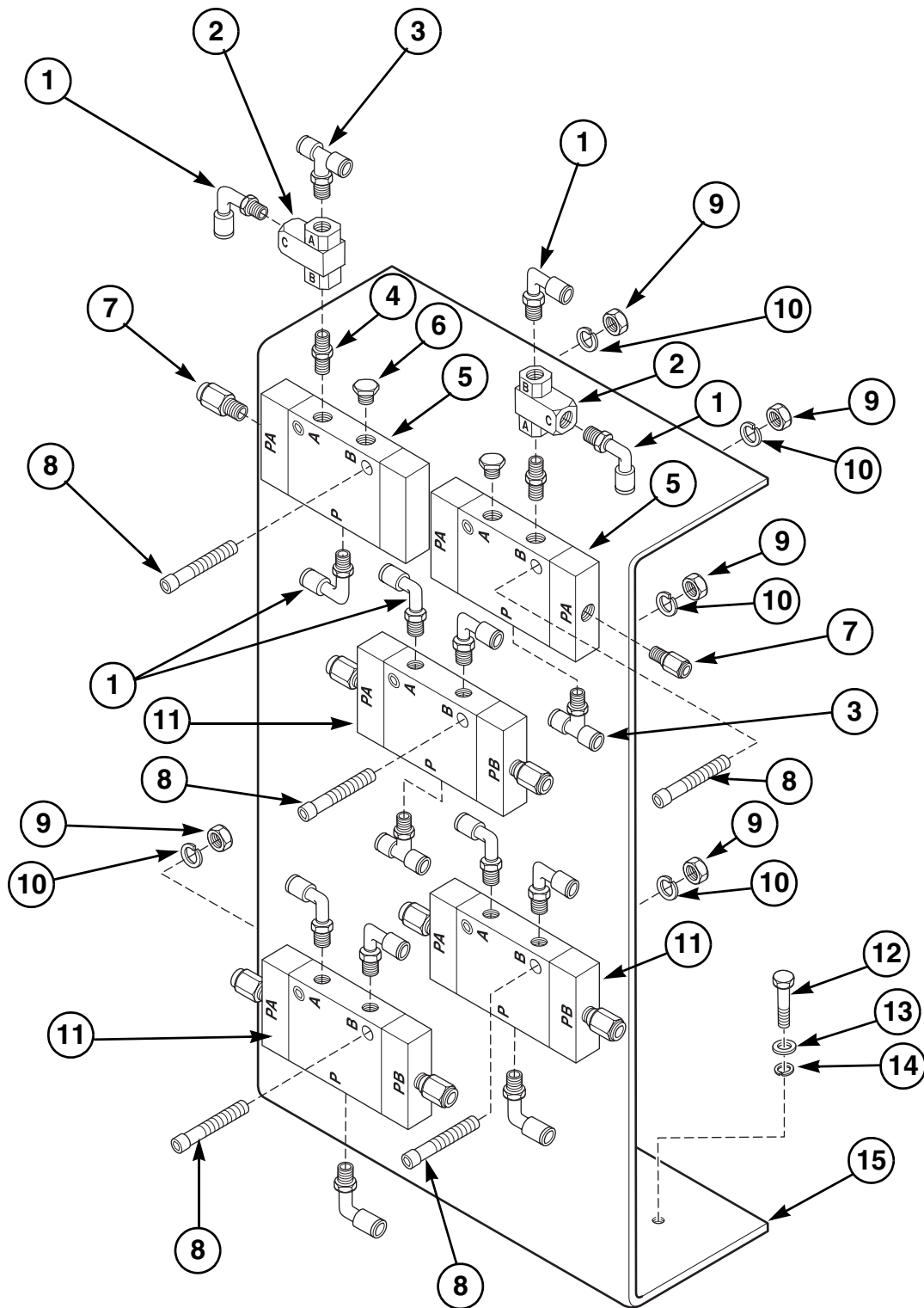
Frame Completing Parts

REF	PART NO.	DESCRIPTION	COMMENTS
	J1010-000745	Indexing Cylinder Suspension Kit	CBBY models
	J1010-000746	Indexing Cylinder Suspension Kit	DFB models
	J1457308	Cylinder Repair Kit	Use with item 5
1	J1238518	Screw	2 required for CBBY models; 4 required for DFB models
2	J1185073	Washer	2 required for CBBY models; 4 required for DFB models
3	JC-80513	Washer	4 required for CBBY models; 8 required for DFB models
4	J1612936	Indexing Cylinder Support Plate	DFB models only
5	J1457290P	Indexing Cylinder Assembly	
6	J1612944	Front Indexing Cylinder Support Plate	
7	N/A	Front Cylinder Mounting Weldment	
8	70142	Nut	2 required for CBBY models; 4 required for DFB models
9	M400013	Washer	2 required for CBBY models; 4 required for DFB models
10	70142	Nut	2 required for CBBY models; 4 required for DFB models
11	91202	Screw	2 required for CBBY models; 4 required for DFB models
12	20274	Nut	DFB models; 2 required
13	M400014	Washer	DFB models; 2 required
14	JA-56790	Bumper	DFB models; 2 required
15	JA-23959	Buck Stop Bumper	DFB models; 2 required
16	J1626845	Shock Absorber Assembly	Refer to <i>Shock Absorber Assembly</i> section for parts breakdown
17	N/A	Rear Cylinder Mounting Weldment	
18	J200041100	Tube	2 required for CBBY models; 4 required for DFB models
19	JA-23189	Rail Rod	2 required for CBBY models; 4 required for DFB models
20	J200041000	Rail Slug	4 required for CBBY models; 8 required for DFB models
21	91200	Washer	4 required for CBBY models; 8 required for DFB models
22	J1000850	Nut	4 required for CBBY models; 8 required for DFB models
23	J1410026	Screw	2 required for CBBY models; 4 required for DFB models
24	J1039676	Spring	2 required for CBBY models; 4 required for DFB models
25	J1611987	Indexing Cylinder Support Nylon	DFB models; 2 required
26	20275	Nut	2 required for CBBY models; 4 required for DFB models

N/A = Part no longer available

Vacuum Air Valve Assembly

Model DFB-XV



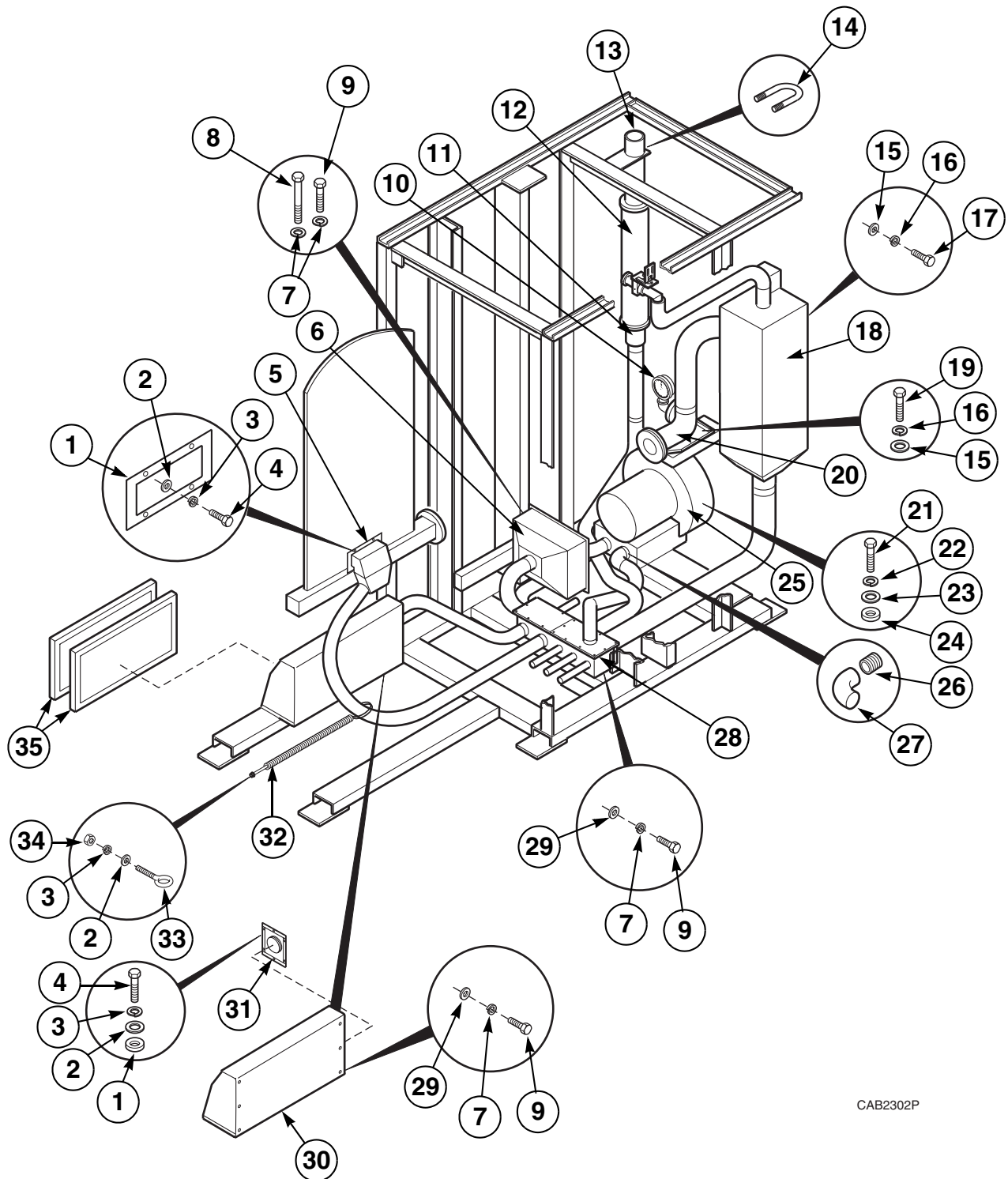
CAB2305P

Vacuum Air Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1531078	Vacuum Air Valve Assembly	Includes items 1-11 and 15; Models starting August 1997
	J1548379	Valve Assembly	4-way; Single pilot; Includes items 5 and 7
	J1548361P	Valve Assembly	4-way; Double pilot; Includes items 7 and 11
	J758P3	Repair Kit	Use with J1489483 Blue/Black Automatic Valve Co. valve; Also use with J1489491 Blue/Black Automatic Valve Co. valve; Models through August 1997
	J757P3	Repair Kit	Use with J1489491 Blue/Black Automatic Valve Co. valve; Includes fittings to adapt 1/4 NPT to 1/8 NPT
	J1103970-00	Tubing	Use as required
1	J1407741	Elbow	12 required
2	JA-53602	Shuttle Valve	2 required
3	J1437029	Tee	4 required
4	J1232313	Nipple	3 required
5	J1548791	Valve	2 required; Single pilot; Models starting August 1997; Replaces J1489483 Blue/Black Automatic Valve Co. valve
6	J1039858	Plug	2 required
7	F422101	Connector	7 required
8	J1548353	Screw	10 required
9	JC-48125	Nut	10 required
10	JC-43265	Washer	10 required
11	J1548783	Valve	3 required; 4-way; Double pilot; Models starting August 1997; Replaces J1489491 Blue/Black Automatic Valve Co. valve
12	J1001726	Screw	2 required
13	J1185073	Washer	2 required
14	JC-80513	Washer	2 required
15	J1548429	Bracket	

Low Pressure Air System (Drawing 1 of 5)

Model CBBY-XV



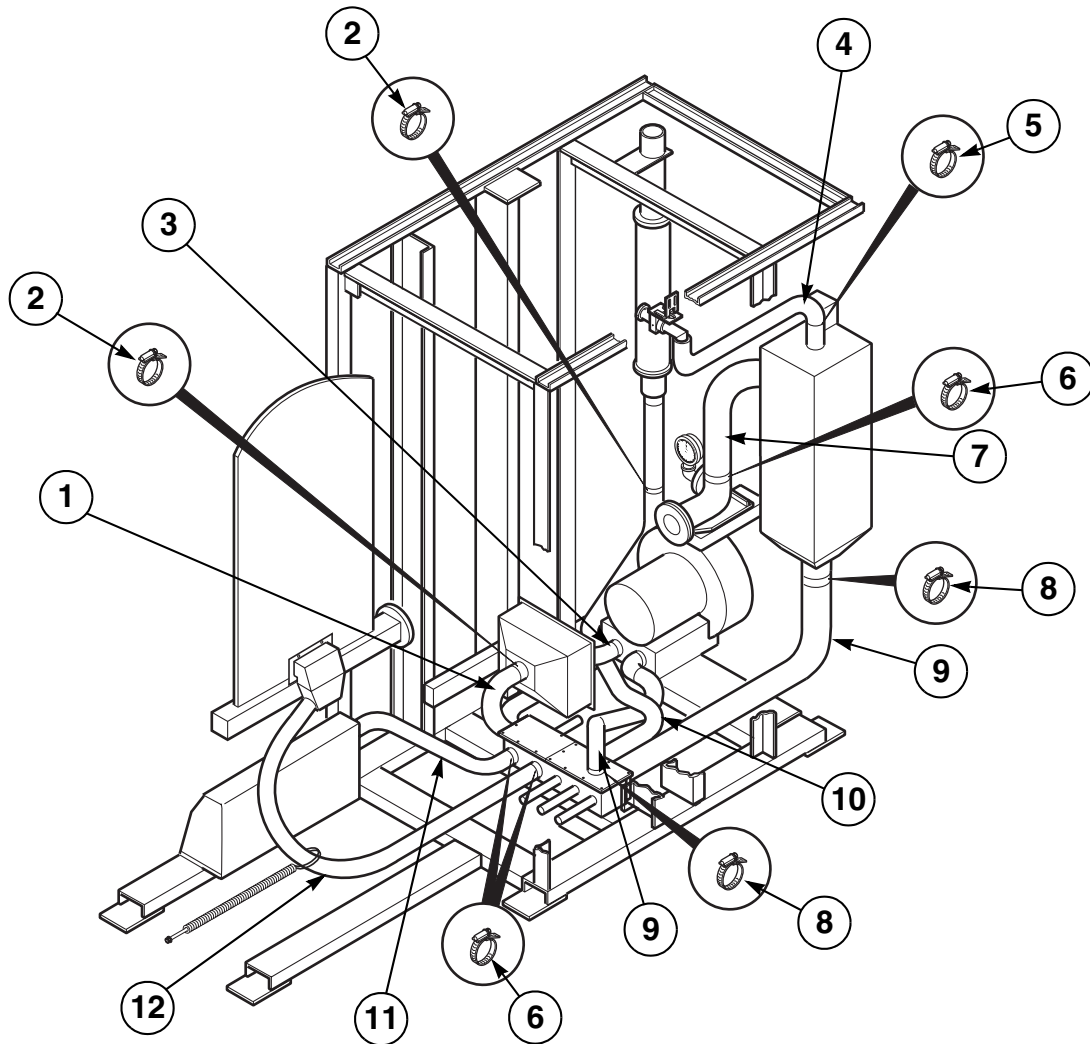
CAB2302P

Low Pressure Air System (Drawing 1 of 5)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1398544	Nipple	
	JC-21541	Clamp	2 required
1	J1372937	Seal	
2	JC-80759	Washer	10 required
3	J1000975	Washer	10 required
4	JC-61269	Screw	10 required
5	J1479542	Front Vacuum Inlet Box Weldment	
6	J1475169	Filter Housing Assembly	Includes filter
7	J1185073	Washer	2 required
8	JC-63376	Screw	2 required
9	JA-53020	Screw	2 required
10	JA-51283	Air Gauge	5 psi; Use with discharge tube assembly
11	J1370543	Nipple	
12	J1370550	Nipple	
13	J1370691	Muffler	
14	J1351204	U-Clamp	
15	M400080	Washer	2 required; Used to bolt heat exchanger to frame
16	M400013	Washer	2 required; Used to bolt heat exchanger to frame
17	M400057	Screw	2 required; Used to bolt heat exchanger to frame
18	J1525237	Heat Exchanger Assembly	Refer to <i>Heat Exchanger Assembly</i> section for parts breakdown
19	M400056	Screw	4 required
20	J1531003	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
21	J1122118	Screw	4 required
22	M400014	Washer	4 required
23	J1001304	Washer	4 required
24	JA-51527	Gasket	4 required; Mounted under blower; Rubber
25	J1567775	Blower	200 Volt/3 Phase/50 Hertz
	J0220243-00	Blower	220-480 Volt/3 Phase/50-60 Hertz
	J1567767	Blower	575 Volt/3 Phase/60 Hertz
26	J1438993	Nipple Weldment	
27	JC-28268	Elbow	
28	J1523711	Damper Box Assembly	Refer to <i>Damper Box Assembly</i> section for parts breakdown
29	JC-80513	Washer	8 required
30	J1475409	Filter Box Weldment	
31	J1475425	Filter Box Adapter Weldment	
32	JA-50949	Spring	
33	JA-51665	Hook	
34	J1000736	Nut	
35	JA-53679	Air Filter	2 required

Low Pressure Air System (Drawing 2 of 5)

Model CBBY-XV



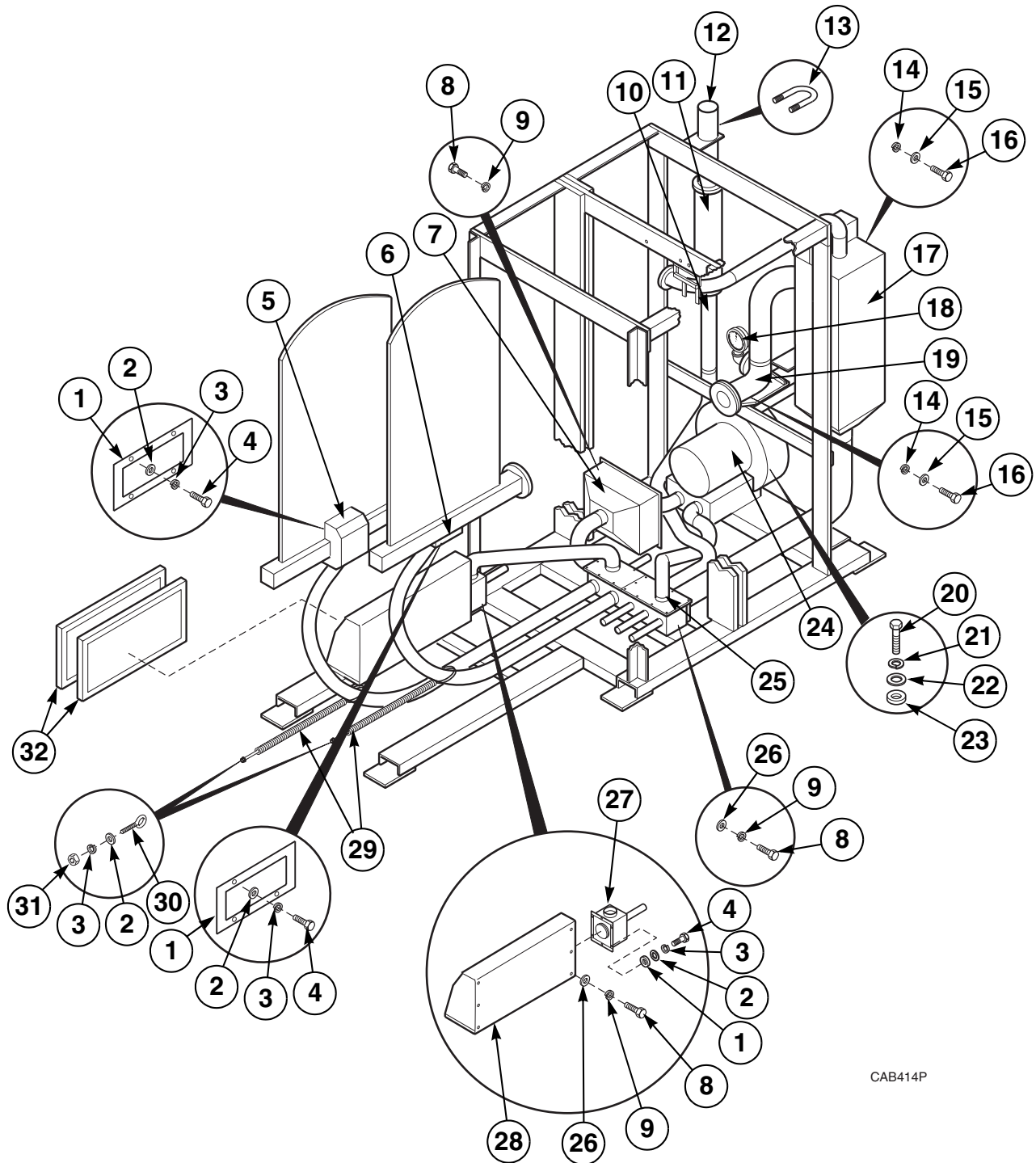
CAB2319P

Low Pressure Air System (Drawing 2 of 5)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1476175	Hose	2-1/2 inch diameter
2	JC-21522	Clamp	4 required
3	J1471671	Hose	2-1/2 inch diameter
4	J1394782	Hose	1-1/8 inch diameter
5	JC-21541	Clamp	2 required
6	20391	Hose Clamp	4 required
7	J1439157	Hose	2 inch diameter; 2 required
8	J1156967	Hose Clamp	10 required
9	JM-96005	Hose	3 inch diameter
10	J1439140	Hose	3 inch diameter
11	J1439141	Hose	2 inch diameter
12	J1564178	Hose	2 inch diameter

Low Pressure Air System (Drawing 3 of 5)

Model DFB-XV



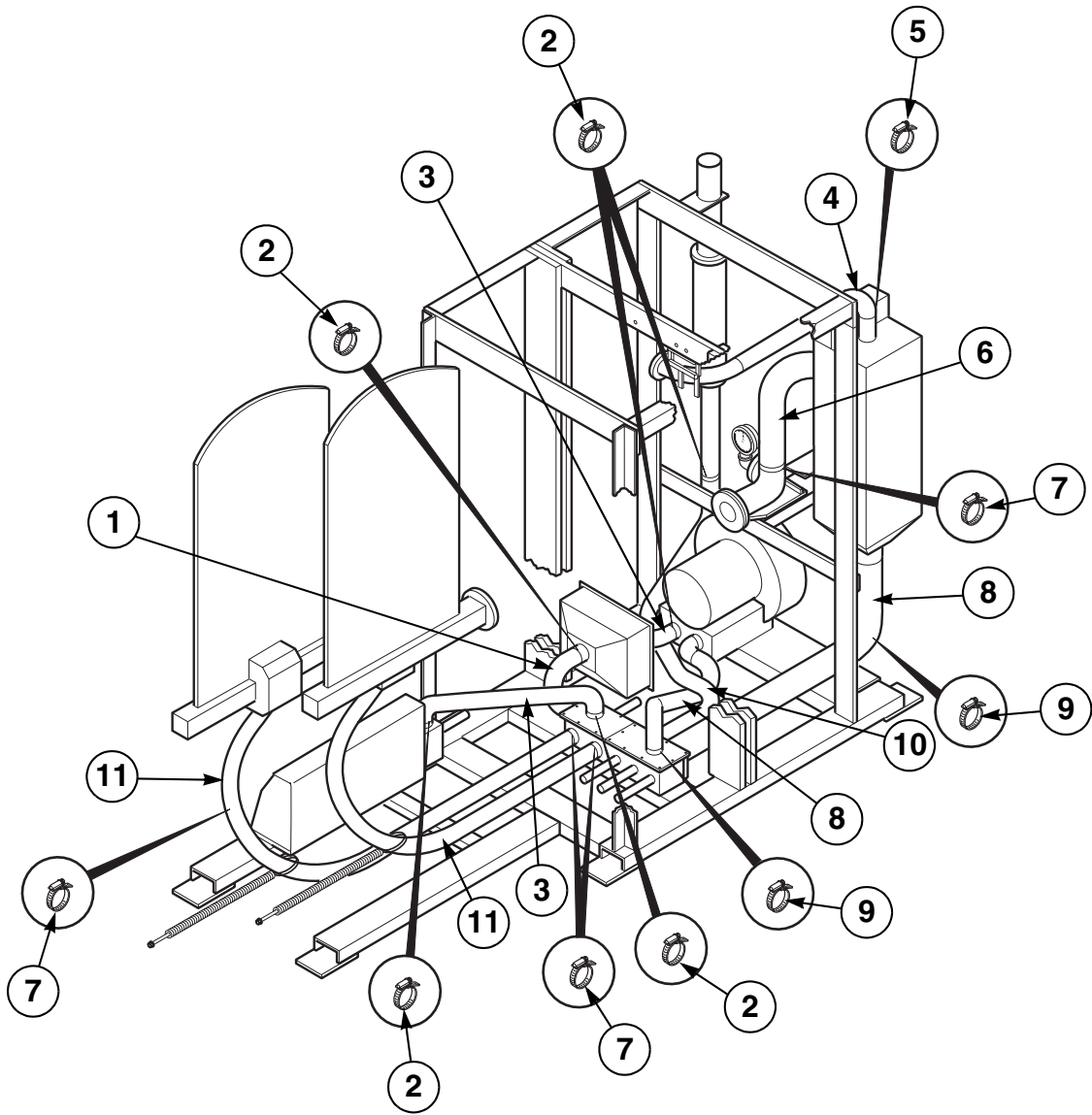
CAB414P

Low Pressure Air System (Drawing 3 of 5)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1398544	Nipple	Use with blower
	J1438993	Nipple Weldment	Use with blower
	JC-28268	Elbow	Use with blower
1	J1372937	Seal	
2	JC-80759	Washer	12 required
3	J1000975	Washer	12 required
4	JC-61269	Screw	12 required
5	J1479559	Vacuum Box Weldment	Rear Buck
6	J1479542	Front Vacuum Inlet Box Weldment	
7	J1475169	Filter Housing Assembly	Includes filter
8	JA-53020	Screw	6 required
9	J1185073	Washer	6 required
10	J1370543	Nipple	
11	J1370550	Nipple	
12	J1370691	Muffler	
13	J1351204	U-Clamp	
14	M400013	Washer	2 required
15	M400080	Washer	2 required
16	M400057	Screw	2 required
17	J1525237	Heat Exchanger Assembly	Refer to <i>Heat Exchanger Assembly</i> section for parts breakdown
18	JA-51283	Air Gauge	5 psi
19	J1523927	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
20	J1122118	Screw	4 required
21	M400014	Washer	4 required
22	J1001304	Washer	4 required
23	JA-51527	Gasket	Rubber; 4 required
24	J1567775	Blower	200 Volt/3 Phase/50 Hertz
	J0220243-00	Blower	220-480 Volt/3 Phase/50-60 Hertz
	J1567767	Blower	575 Volt/3 Phase/60 Hertz
25	J1521079	Damper Box Assembly	Refer to <i>Damper Box Assembly</i> section for parts breakdown
26	JC-80513	Washer	6 required
27	J1479484	Filter Box Damper Assembly	Refer to <i>Filter Box Damper Assembly</i> section for parts breakdown
28	J1475409	Filter Box Weldment	
29	JA-50949	Spring	2 required
30	JA-51665	Hook	2 required
31	J1000736	Nut	2 required
32	JA-53679	Air Filter	2 required

Low Pressure Air System (Drawing 4 of 5)

Model DFB-XV



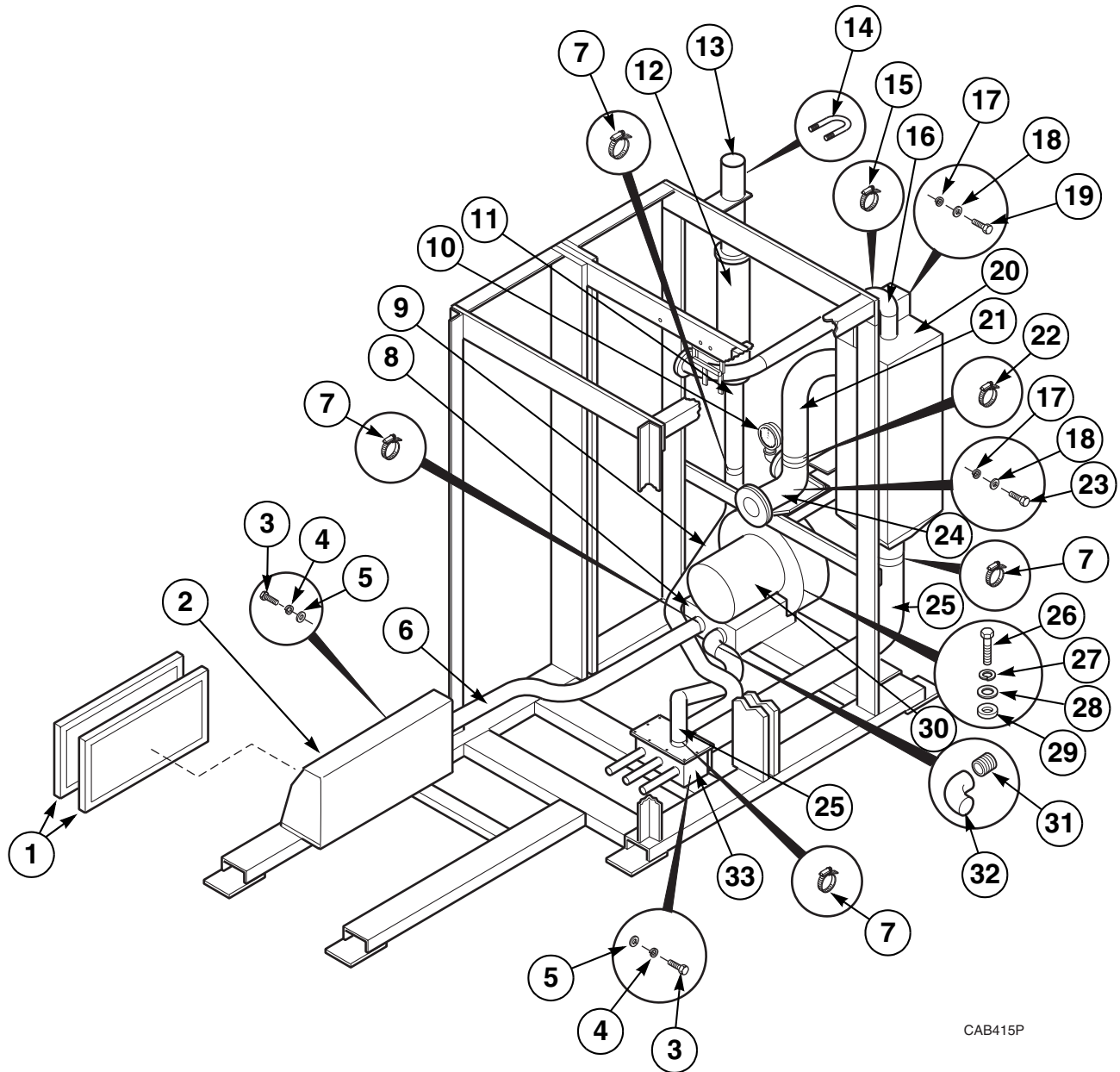
CAB2320P

Low Pressure Air System (Drawing 4 of 5)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1476175P	Hose	2-1/2 inch diameter
2	JC-21522	Clamp	6 required
3	J1471671	Hose	2-1/2 inch diameter
4	J1394782	Hose	1-1/8 inch diameter
5	JC-21541	Clamp	2 required
6	J1439157P	Hose	2 inch diameter
7	JA-50960	Hose Clamp	6 required
8	JM-96005	Hose	3 inch diameter
9	J1156967	Hose Clamp	4 required
10	J1439140P	Hose	2-1/2 inch diameter
11	J1564178	Hose	2 inch diameter

Low Pressure Air System (Drawing 5 of 5)

Models CBBY-X and DFB-X



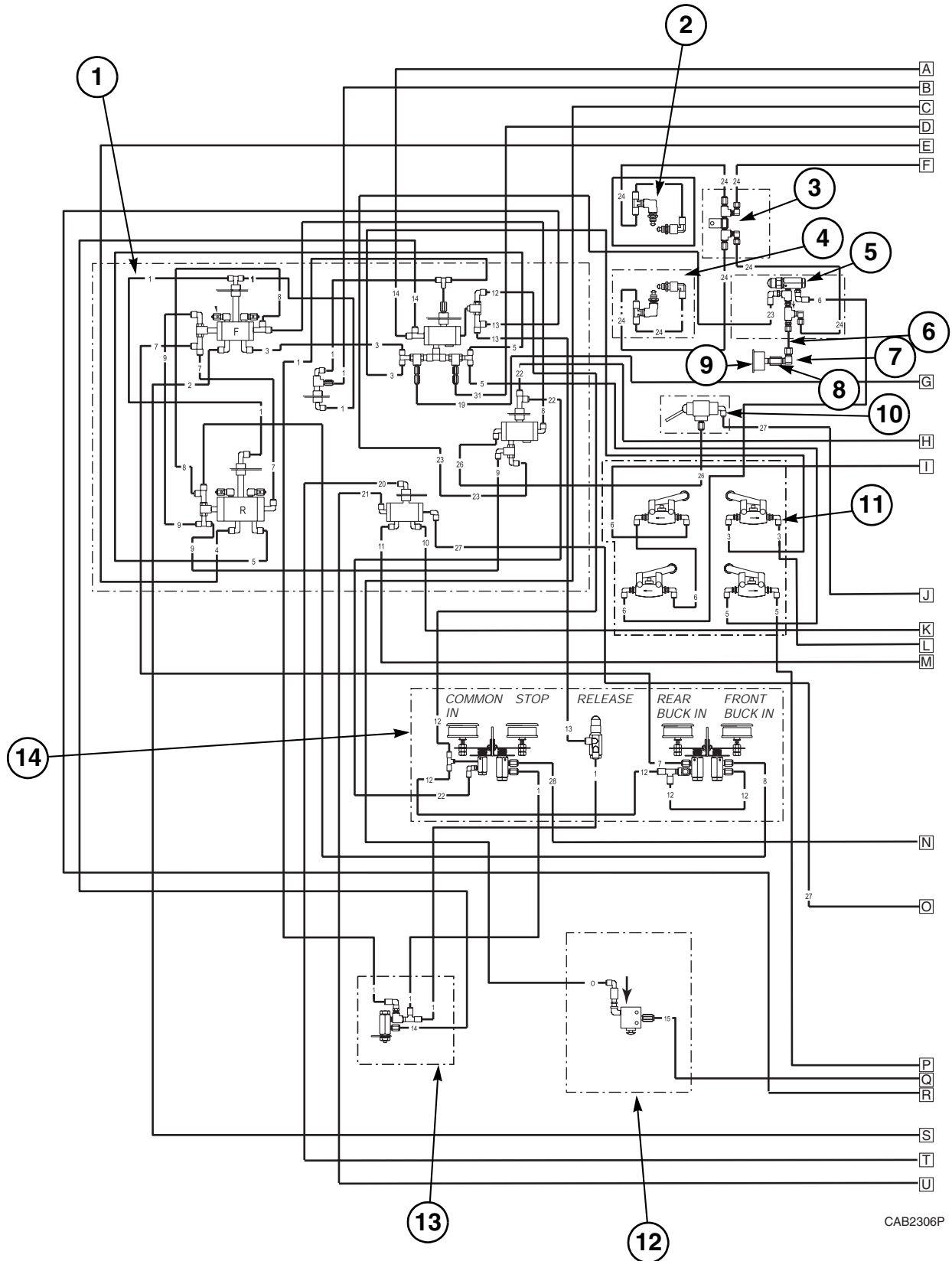
CAB415P

Low Pressure Air System (Drawing 5 of 5)

REF	PART NO.	DESCRIPTION	COMMENTS
1	JA-53679	Air Filter	2 required
2	J1439025	Filter Box Weldment	
3	JA-53020	Screw	2 required
4	J1185073	Washer	2 required
5	JC-80513	Washer	8 required
6	J1471671	Hose	2-1/2 inch diameter
7	J1156967	Hose Clamp	4 required
8	J1398544	Nipple	
9	J1439140P	Hose	2-1/2 inch diameter
10	JA-51283	Air Gauge	5 psi
11	J1370543	Nipple	
12	J1370550	Nipple	Use with item 14
13	J1370691	Muffler	
14	J1351204	U-Clamp	
15	JC-21541	Clamp	2 required
16	J1394782	Hose	1-1/8 inch diameter
17	M400013	Washer	2 required
18	M400080	Washer	2 required
19	M400057	Screw	2 required
20	J1525237	Heat Exchanger Assembly	Refer to <i>Heat Exchanger Assembly</i> section for parts breakdown
21	J1439157P	Hose	2 inch diameter
22	JA-50960	Hose Clamp	2 required
23	M400056	Screw	4 required
24	J1523927	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
25	JM-96005	Hose	3 inch diameter
26	J1122118	Screw	4 required
27	M400014	Washer	4 required
28	J1001304	Washer	4 required
29	JA-51527	Gasket	Rubber; 4 required
30	J1567775	Blower	200 Volt/3 Phase/50 Hertz
	J0220243-00	Blower	220-480 Volt/3 Phase/50-60 Hertz
	J1567767	Blower	575 Volt/3 Phase/60 Hertz
31	J1438993	Nipple Weldment	
32	JC-28268	Elbow	
33	J1522440	Damper Box Assembly	Refer to <i>Damper Box Assembly</i> section for parts breakdown

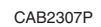
Air System (Drawing 1 of 8)

Model DFB-XV



CAB2306P

Model DFB-XV



Air System (Drawing 1 of 8)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1523786	Operating Valve Assembly	Refer to <i>Operating Valve Assembly</i> section for parts breakdown
2	J1571058	Safety Valve Assembly – Rear Left	Refer to <i>Safety Valve Assembly – Rear Left</i> section for parts breakdown
3	J1523844	Bracket and Fittings Assembly	2 required; Refer to <i>Bracket and Fittings Assembly</i> section for parts breakdown
4	J1571041	Safety Valve Assembly – Front Left	Refer to <i>Safety Valve Assembly – Front Left</i> section for parts breakdown
5	J1583103	Reset Valve Assembly	Refer to <i>Reset Valve Assembly</i> section for parts breakdown
6	J1106699	Tubing	Copper
7	JA-50770	Elbow	
8	J1018571	Coupling	
9	J1531060	Pressure Gauge	0-100 psi
10	J1505411	Selector Switch	
11	J1523976	Roller Valve Assembly	4 required; Refer to <i>Roller Valve Assembly</i> section for parts breakdown
12	J1485010	Collar Block Foot Pedal Base Assembly	Refer to <i>Collar Block Foot Pedal Base Assembly</i> section for parts breakdown
13	J1484682	Pedal Base and Valve Assembly	Refer to <i>Pedal Base and Valve Assembly</i> section for parts breakdown
14	J1521095	Operating Control Assembly	Refer to <i>Operating Control Assembly</i> section for parts breakdown

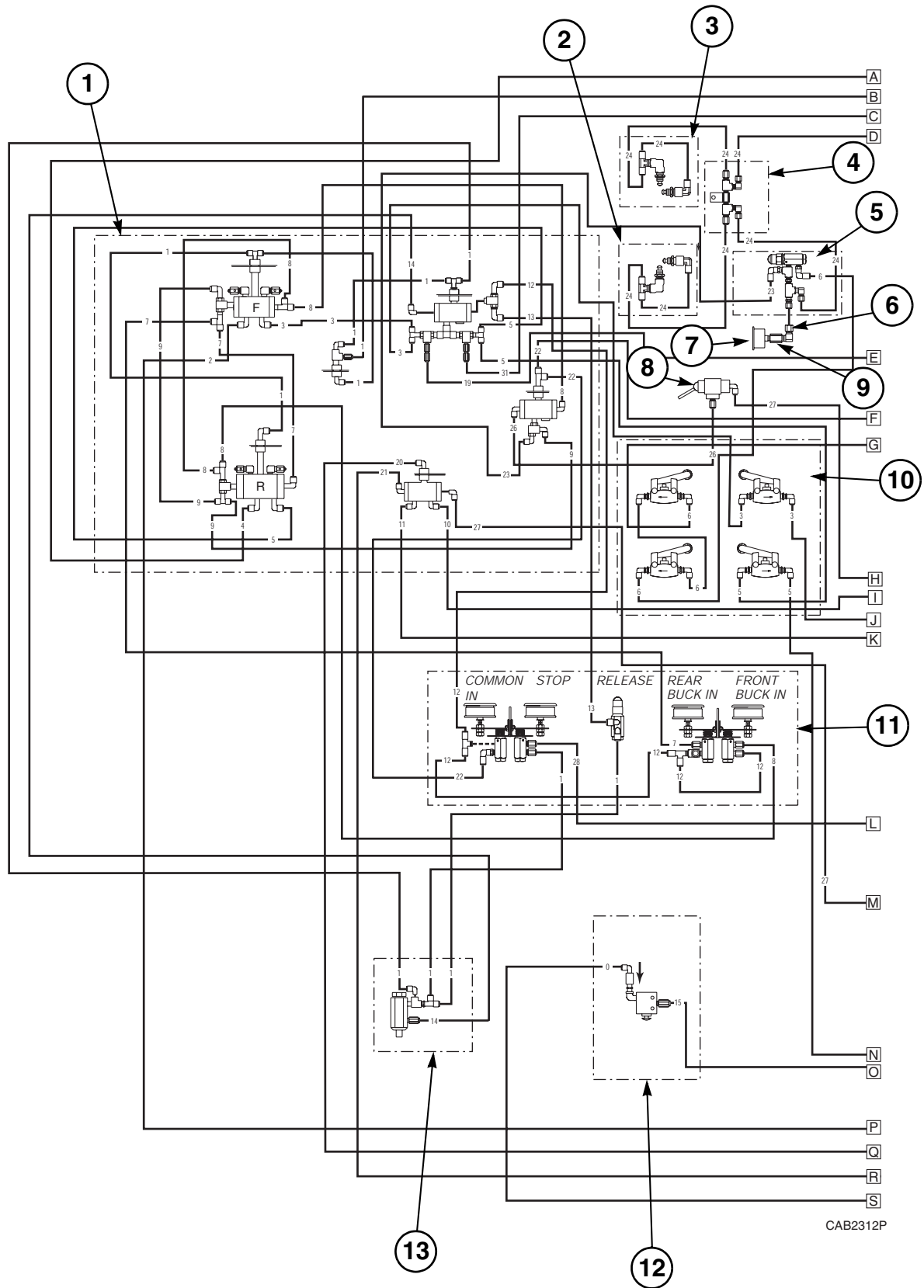
Air System (Drawing 2 of 8)

REF	PART NO.	DESCRIPTION	COMMENTS
15	J1521947	Safety Valve Assembly – Rear Right	Refer to <i>Safety Valve Assembly – Rear Right</i> section for parts breakdown
16	J1523794	Internal Air Inlet Assembly	Refer to <i>Internal Air Inlet Assembly</i> section for parts breakdown
17	J1484245	External Air Inlet Assembly	Refer to <i>External Air Inlet Assembly</i> section for parts breakdown
18	J1526920	Rear Roller Valve Assembly	Refer to <i>Rear Roller Valve Assembly</i> section for parts breakdown
19	J1523927	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
20	J1523935	Front Head Open Roller Valve Assembly	Refer to <i>Front Head Open Roller Valve Assembly</i> section for parts breakdown
21	J1521079	Damper Box Assembly	Refer to <i>Damper Box Assembly</i> section for parts breakdown
22	J1531078	Vacuum Air Valve Assembly	Refer to <i>Vacuum Air Valve Assembly</i> section for parts breakdown
23	J1523885	Bracket and Fittings Assembly	Refer to <i>Bracket and Fittings Assembly</i> section for parts breakdown
24	J1531839	Bracket and Fittings Assembly	Refer to <i>Bracket and Fittings Assembly</i> section for parts breakdown
25	N/A	Electrical Control Assembly	Refer to <i>Electrical Control Assembly</i> section for parts breakdown
26	J1364181	Pressure Switch	2 required
27	J1457290P	Indexing Cylinder Assembly	2 required
28	J1479484	Filter Box Damper Assembly	Refer to <i>Filter Box Damper Assembly</i> section for parts breakdown
29	J1521954	Safety Valve Assembly – Front Right	Refer to <i>Safety Valve Assembly – Front Right</i> section for parts breakdown

N/A = Part no longer available

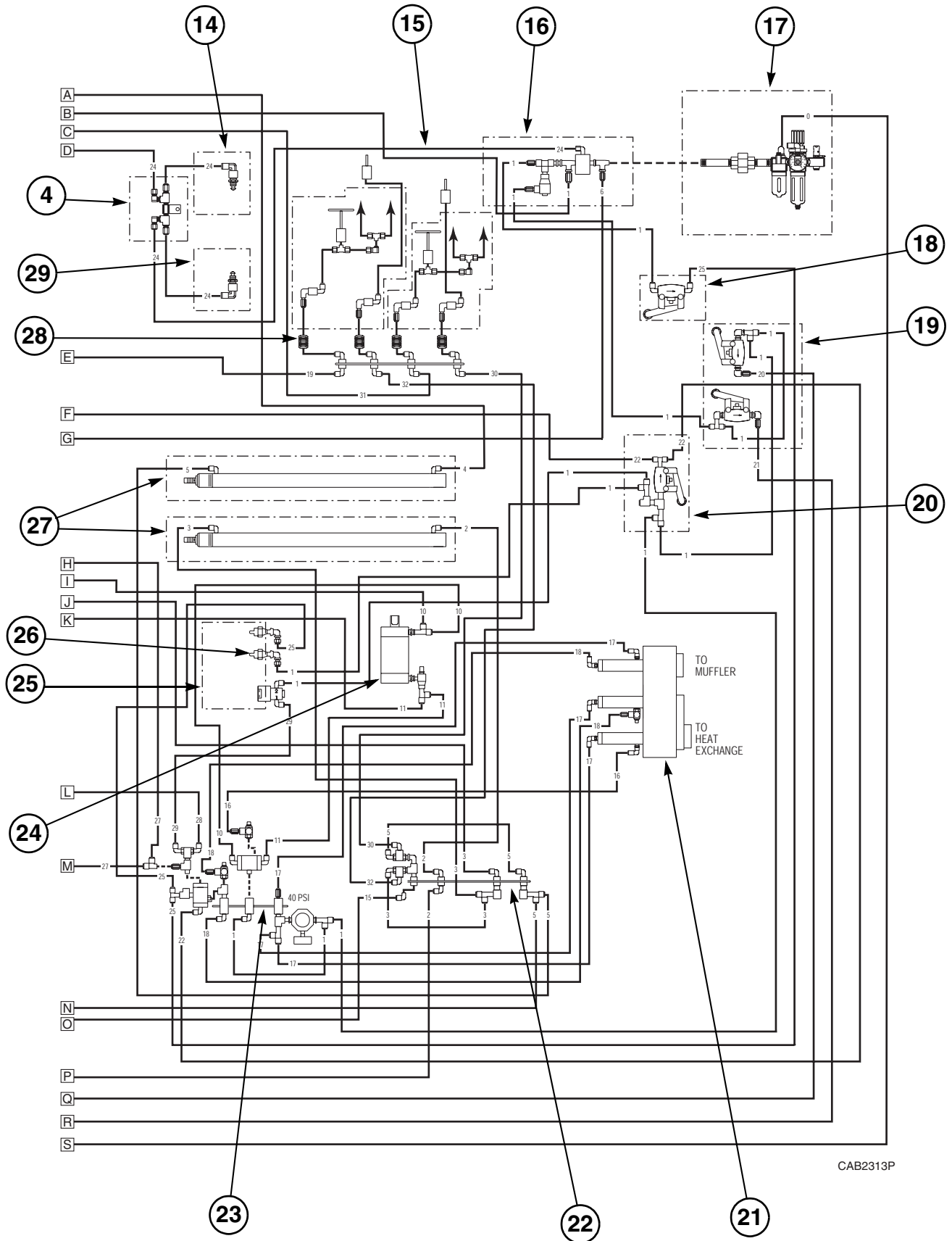
Air System (Drawing 3 of 8)

Model DFB-X



Air System (Drawing 4 of 8)

Model DFB-X



Air System (Drawing 3 of 8)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1523786	Operating Valve Assembly	Refer to <i>Operating Valve Assembly</i> section for parts breakdown
2	J1571041	Safety Valve Assembly – Front Left	Refer to <i>Safety Valve Assembly – Front Left</i> section for parts breakdown
3	J1571058	Safety Valve Assembly – Rear Left	Refer to <i>Safety Valve Assembly – Rear Left</i> section for parts breakdown
4	J1523844	Bracket and Fittings Assembly	2 required; Refer to <i>Bracket and Fittings Assembly</i> section for parts breakdown
5	J1583103	Reset Valve Assembly	Refer to <i>Reset Valve Assembly</i> section for parts breakdown
6	JA-50770	Elbow	
7	J1531060	Pressure Gauge	0-100 psi
8	J1505411	Selector Switch	
9	J1018571	Coupling	
10	J1523976	Roller Valve Assembly	4 required; Refer to <i>Roller Valve Assembly</i> section for parts breakdown
11	J1521095	Operating Control Assembly	Refer to <i>Operating Control Assembly</i> section for parts breakdown
12	J1485010	Collar Block Foot Pedal Base Assembly	Refer to <i>Collar Block Foot Pedal Base Assembly</i> section for parts breakdown
13	J1484682	Pedal Base and Valve Assembly	Refer to <i>Pedal Base and Valve Assembly</i> section for parts breakdown

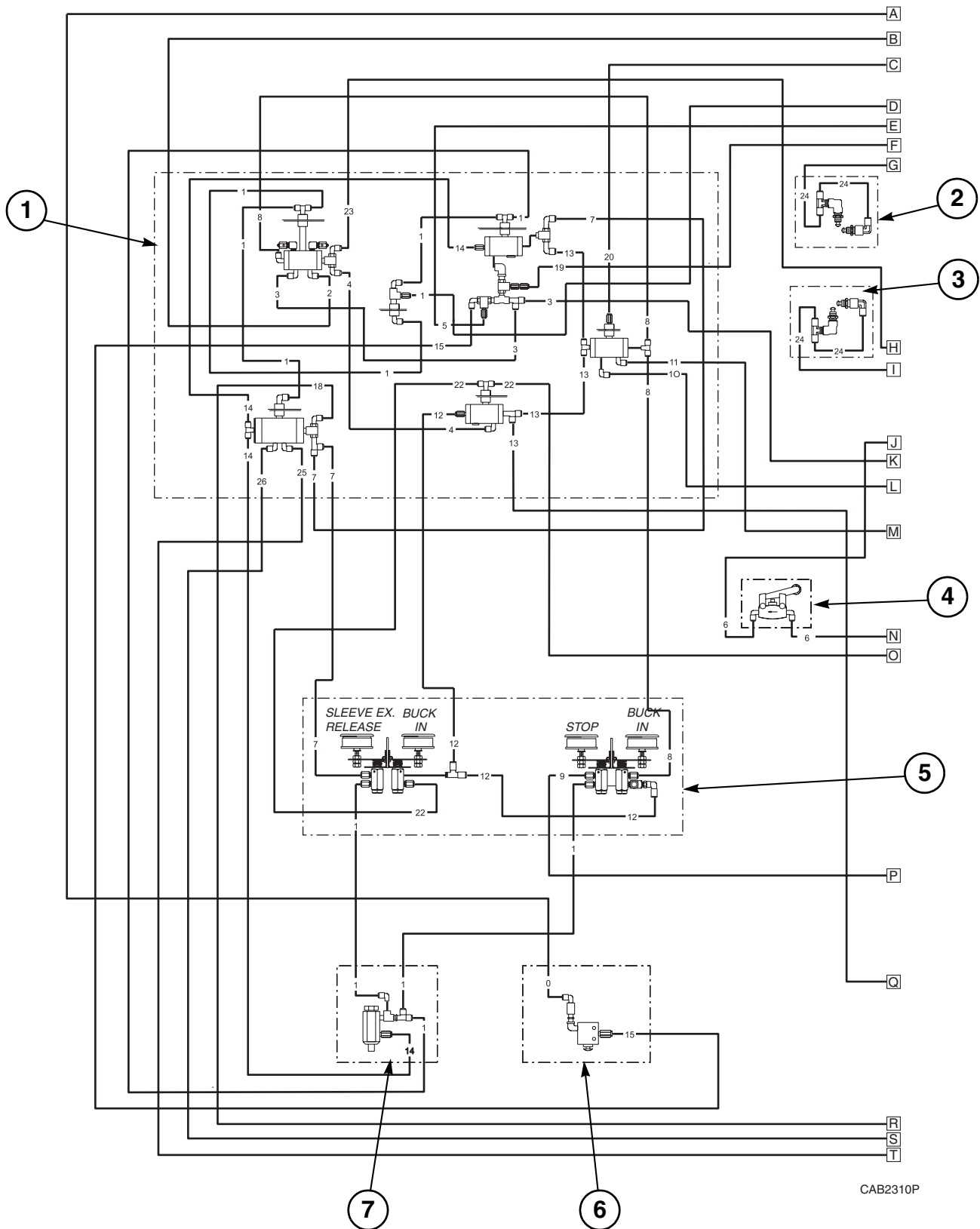
Air System (Drawing 4 of 8)

REF	PART NO.	DESCRIPTION	COMMENTS
14	J1571041	Safety Valve Assembly – Front Left	Refer to <i>Safety Valve Assembly – Front Left</i> section for parts breakdown
15	J1106699	Tubing	Copper
16	J1523794	Internal Air Inlet Assembly	Refer to <i>Internal Air Inlet Assembly</i> section for parts breakdown
17	J1484245	External Air Inlet Assembly	Refer to <i>External Air Inlet Assembly</i> section for parts breakdown
18	J1526920	Rear Roller Valve Assembly	Refer to <i>Rear Roller Valve Assembly</i> section for parts breakdown
19	J1523927	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
20	J1523935	Front Head Open Roller Valve Assembly	Refer to <i>Front Head Open Roller Valve Assembly</i> section for parts breakdown
21	J1522440	Damper Box Assembly	Refer to <i>Damper Box Assembly</i> section for parts breakdown
22	J1525252	Bracket and Fittings Assembly	Refer to <i>Bracket and Fittings Assembly</i> section for parts breakdown
23	J1531839	Bracket and Fittings Assembly	Refer to <i>Bracket and Fittings Assembly</i> section for parts breakdown
24	J1523984	Head Pressing Cylinder Assembly	Refer to <i>Head Pressing Cylinder Assembly</i> section for parts breakdown
25	N/A	Electrical Control Assembly	Refer to <i>Electrical Control Assembly</i> section for parts breakdown
26	J1364181	Pressure Switch	2 required
27	J1457290P	Indexing Cylinder Assembly	2 required
28	J1492693	Tubing	4 required
29	J1521954	Safety Valve Assembly – Front Right	Refer to <i>Safety Valve Assembly – Front Right</i> section for parts breakdown

N/A = Part no longer available

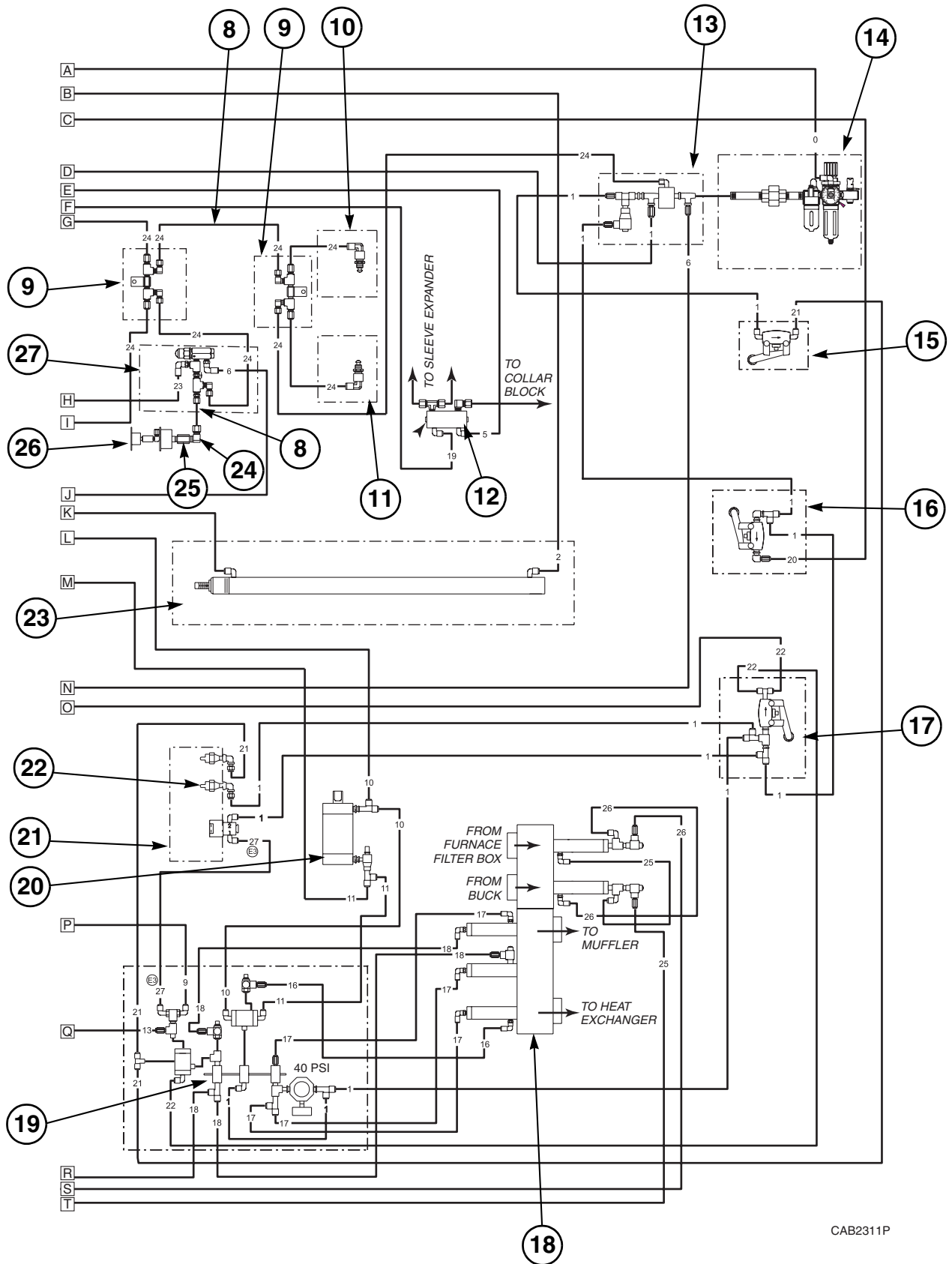
Air System (Drawing 5 of 8)

Model CBBY-XV



Air System (Drawing 6 of 8)

Model CBBY-XV



CAB2311P

Air System (Drawing 5 of 8)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1525211	Operating Valve Assembly	Refer to <i>Operating Valve Assembly</i> section for parts breakdown
2	J1571058	Safety Valve Assembly – Rear Left	Refer to <i>Safety Valve Assembly – Rear Left</i> section for parts breakdown
3	J1571041	Safety Valve Assembly – Front Left	Refer to <i>Safety Valve Assembly – Front Left</i> section for parts breakdown
4	J1523976	Roller Valve Assembly	4 required; Refer to <i>Roller Valve Assembly</i> section for parts breakdown
5	J1525203	Operating Control Assembly	Refer to <i>Operating Control 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	Refer to <i>Pedal Base and Valve Assembly</i> section for parts breakdown

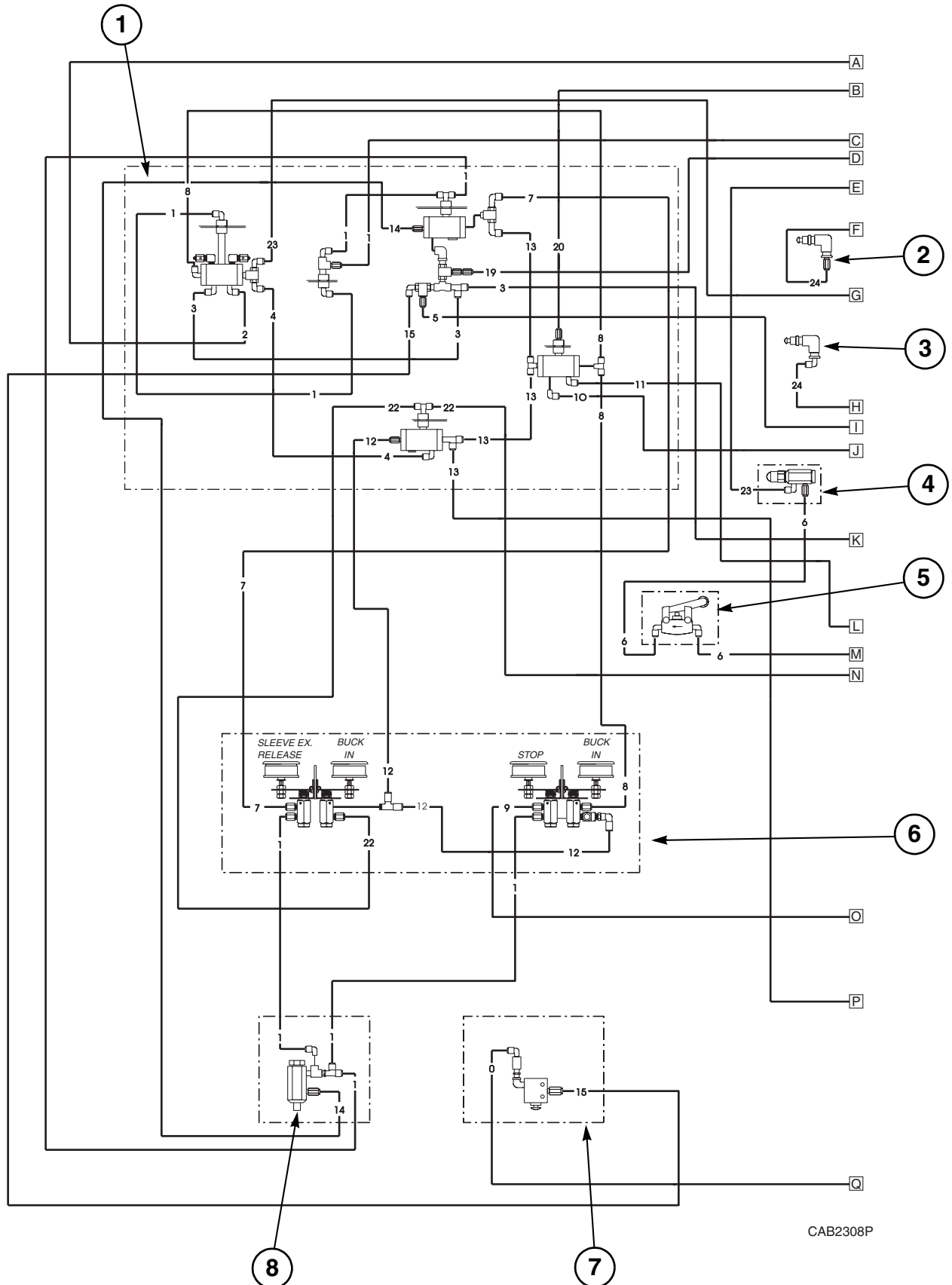
Air System (Drawing 6 of 8)

REF	PART NO.	DESCRIPTION	COMMENTS
8	J1106699	Tubing	Copper
9	J1523844	Bracket and Fittings Assembly	2 required; Refer to <i>Bracket and Fittings Assembly</i> section for parts breakdown
10	J1521947	Safety Valve Assembly – Rear Right	Refer to <i>Safety Valve Assembly – Rear Right</i> section for parts breakdown
11	J1571041	Safety Valve Assembly – Front Left	Refer to <i>Safety Valve Assembly – Front Left</i> section for parts breakdown
12	J1473156	Air Manifold Assembly	Refer to <i>Air Manifold Assembly</i> section for parts breakdown
13	J1523794	Internal Air Inlet Assembly	Refer to <i>Internal Air Inlet Assembly</i> section for parts breakdown
14	J1484245	External Air Inlet Assembly	Refer to <i>External Air Inlet Assembly</i> section for parts breakdown
15	J1526920	Rear Roller Valve Assembly	Refer to <i>Rear Roller Valve Assembly</i> section for parts breakdown
16	J1531003	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
17	J1534064	Front Head Open Roller Valve Assembly	Refer to <i>Front Head Open Roller Valve Assembly</i> section for parts breakdown
18	J1523711	Damper Box Assembly	Refer to <i>Damper Box Assembly</i> section for parts breakdown
19	J1525260	Bracket and Fittings Assembly	Refer to <i>Bracket and Fittings Assembly</i> section for parts breakdown
20	J1523984	Head Pressing Cylinder Assembly	Refer to <i>Head Pressing Cylinder Assembly</i> section for parts breakdown
21	N/A	Electrical Control Assembly	Refer to <i>Electrical Control Assembly</i> section for parts breakdown
22	J1364181	Pressure Switch	2 required
23	J1457290P	Indexing Cylinder Assembly	2 required
24	JA-50770	Elbow	
25	J1018571	Coupling	
26	J1531060	Pressure Gauge	0-100 psi
27	J1583103	Reset Valve Assembly	Refer to <i>Reset Valve Assembly</i> section for parts breakdown

N/A = Part no longer available

Air System (Drawing 7 of 8)

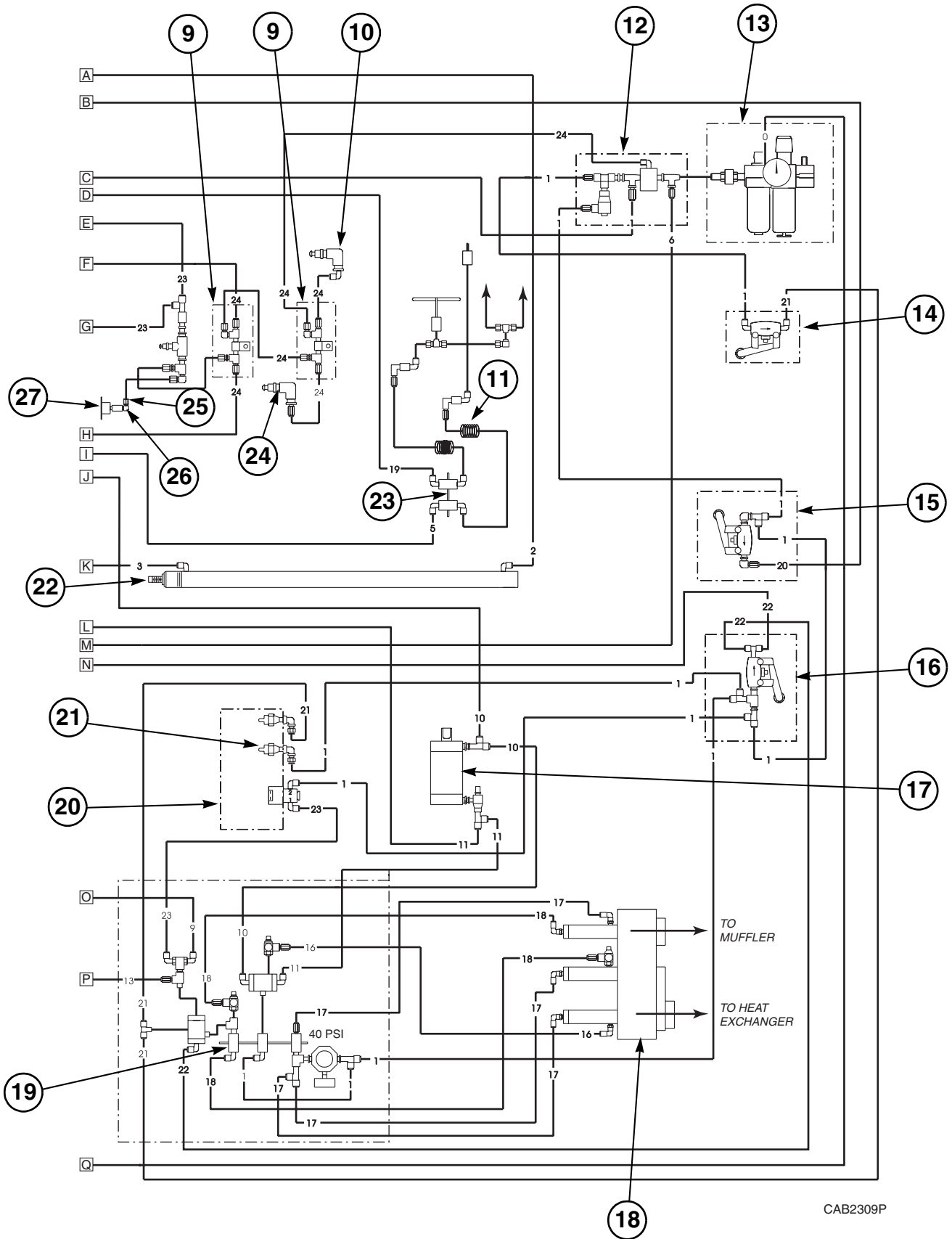
Model CBBY-X



CAB2308P

Air System (Drawing 8 of 8)

Model CBBY-X



Air System (Drawing 7 of 8)

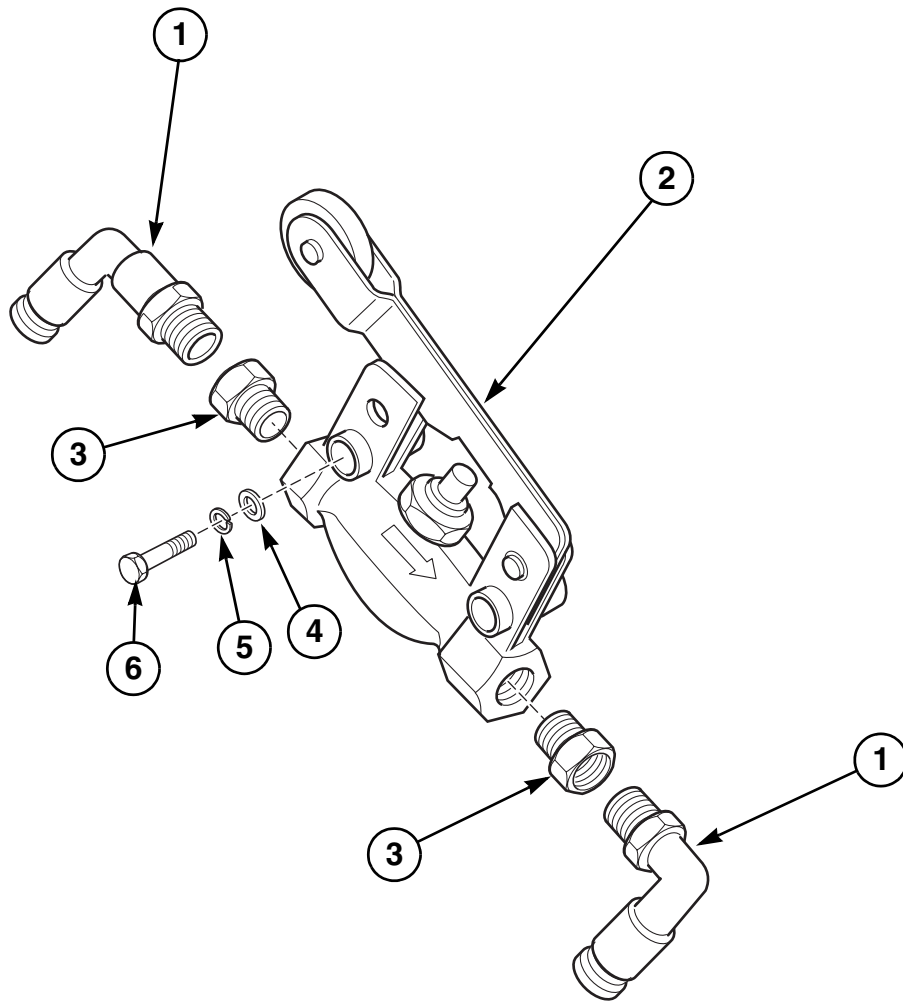
REF	PART NO.	DESCRIPTION	COMMENTS
1	J1525229	Operating Valve Assembly	Refer to <i>Operating Valve Assembly</i> section for parts breakdown
2	J1571058	Safety Valve Assembly – Rear Left	Refer to <i>Safety Valve Assembly – Rear Left</i> section for parts breakdown
3	J1571041	Safety Valve Assembly – Front Left	Refer to <i>Safety Valve Assembly – Front Left</i> section for parts breakdown
4	J1583103	Reset Valve Assembly	Refer to <i>Reset Valve Assembly</i> section for parts breakdown
5	J1523976	Roller Valve Assembly	4 required; Refer to <i>Roller Valve Assembly</i> section for parts breakdown
6	J1525203	Operating Control Assembly	Refer to <i>Operating Control 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	Refer to <i>Pedal Base and Valve Assembly</i> section for parts breakdown

Air System (Drawing 8 of 8)

REF	PART NO.	DESCRIPTION	COMMENTS
9	J1523844	Bracket and Fittings Assembly	2 required; Refer to <i>Bracket and Fittings Assembly</i> section for parts breakdown
10	J1521947	Safety Valve Assembly – Rear Right	Refer to <i>Safety Valve Assembly – Rear Right</i> section for parts breakdown
11	J1492693	Tubing	
12	J1523794	Internal Air Inlet Assembly	Refer to <i>Internal Air Inlet Assembly</i> section for parts breakdown
13	J1484245	External Air Inlet Assembly	Refer to <i>External Air Inlet Assembly</i> section for parts breakdown
14	J1526920	Rear Roller Valve Assembly	Refer to <i>Rear Roller Valve Assembly</i> section for parts breakdown
15	J1531003	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
16	J1534064	Front Head Open Roller Valve Assembly	Refer to <i>Front Head Open Roller Valve Assembly</i> section for parts breakdown
17	J1523984	Head Pressing Cylinder Assembly	Refer to <i>Head Pressing Cylinder Assembly</i> section for parts breakdown
18	J1522440	Damper Box Assembly	Refer to <i>Damper Box Assembly</i> section for parts breakdown
19	J1525260	Bracket and Fittings Assembly	Refer to <i>Bracket and Fittings Assembly</i> section for parts breakdown
20	N/A	Electrical Control Assembly	Refer to <i>Electrical Control Assembly</i> section for parts breakdown
21	J1364181	Pressure Switch	2 required
22	J1457290P	Indexing Cylinder Assembly	2 required
23	J1488824	Bracket and Fittings Assembly	
24	J1521954	Safety Valve Assembly – Front Right	Refer to <i>Safety Valve Assembly – Front Right</i> section for parts breakdown
25	JA-50770	Elbow	
26	J1018571	Coupling	
27	J1531060	Pressure Gauge	0-100 psi

N/A = Part no longer available

Roller Valve Assembly



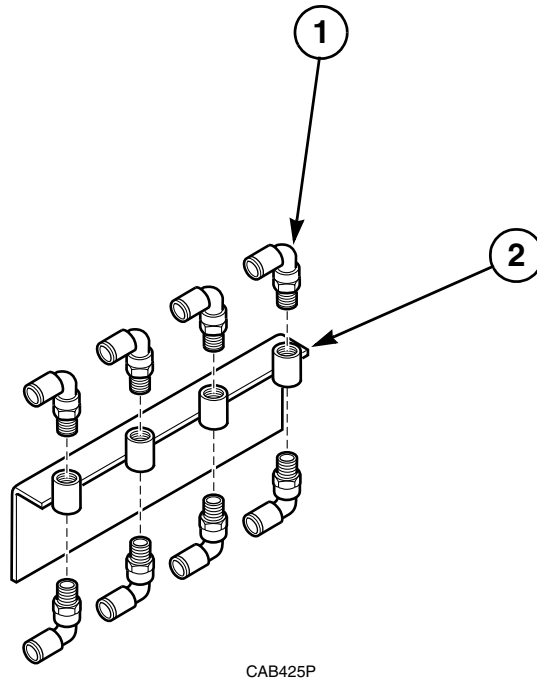
CAB426P

Roller Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1523976	Roller Valve Assembly	Includes items 1-3
1	J1407741	Elbow	2 required
2	JA-53892	Roller Valve	3-way
3	JC-19609	Bushing	2 required
4	JC-80513	Washer	2 required
5	J1185073	Washer	2 required
6	JC-63116	Screw	2 required

Bracket and Fittings Assembly (Drawing 1 of 6)

Model DFB-X

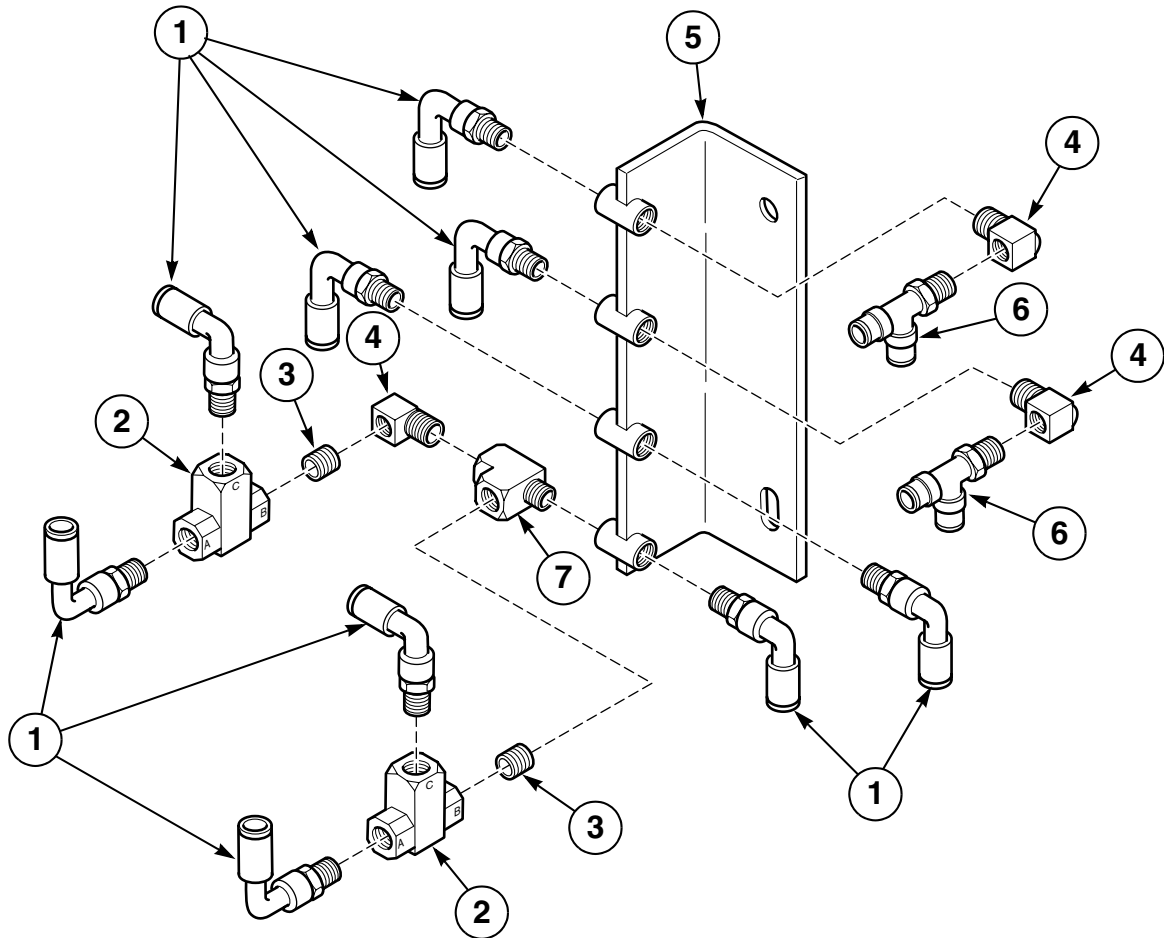


Bracket and Fittings Assembly (Drawing 1 of 6)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1531755	Bracket and Fittings Assembly	Includes item 1 and 2
1	J1407741	Elbow	
2	J1523877	Manifold Weldment	8 required; 4 coupling

Bracket and Fittings Assembly (Drawing 2 of 6)

Model DFB-XV



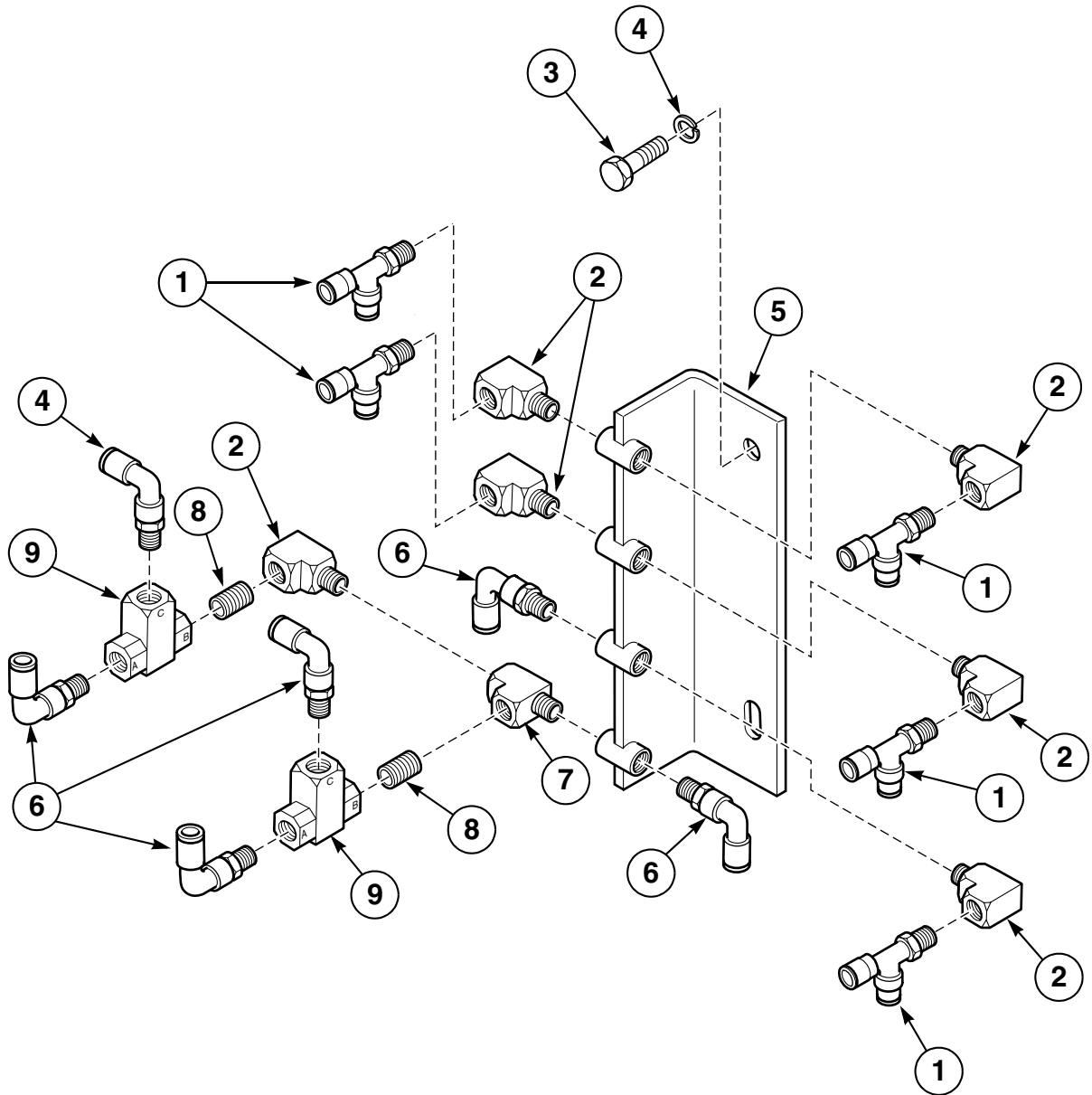
CAB2113P

Bracket and Fittings Assembly (Drawing 2 of 6)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1525252	Bracket and Fittings Assembly	Includes items 1-7
1	J1407741	Elbow	9 required
2	JA-53602	Shuttle Valve	2 required
3	J1232313	Nipple	2 required
4	JC-28317	Elbow	3 required
5	J1523877	Manifold Weldment	
6	J1438357	Tee	2 required
7	JC-30541	Tee	

Bracket and Fittings Assembly (Drawing 3 of 6)

Model DFB-XV

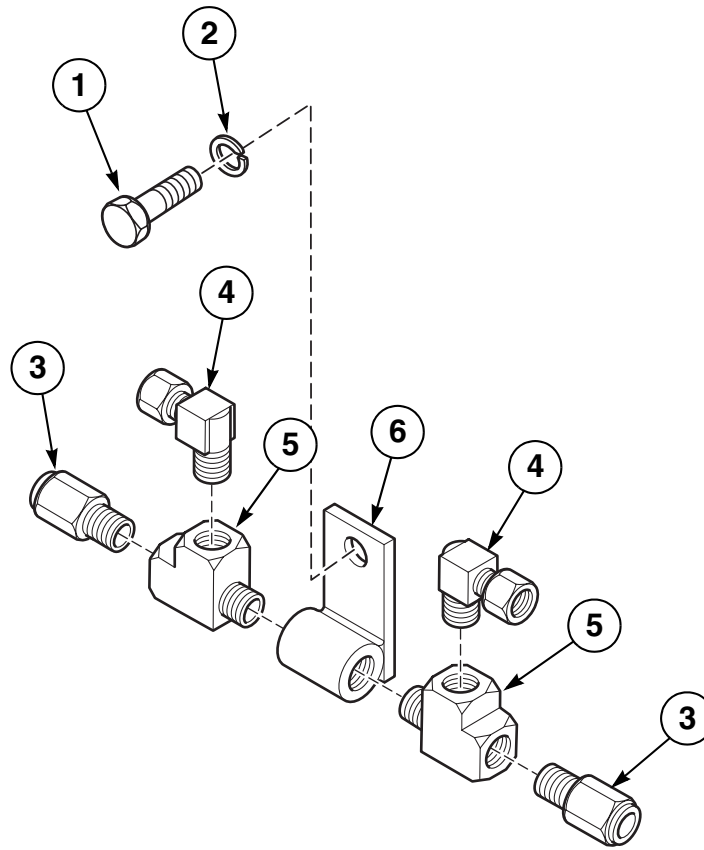


CAB2304P

Bracket and Fittings Assembly (Drawing 3 of 6)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1523885	Bracket and Fittings Assembly	Includes items 1, 2 and 5-9
1	J1438357	Tee	5 required
2	JC-28317	Elbow	6 required
3	J1238518	Screw	2 required
4	J1185073	Washer	2 required
5	J1523877	Manifold Weldment	
6	J1407741	Elbow	6 required
7	JC-30541	Tee	
8	J1232313	Nipple	2 required
9	JA-53602	Shuttle Valve	2 required

Bracket and Fittings Assembly (Drawing 4 of 6)



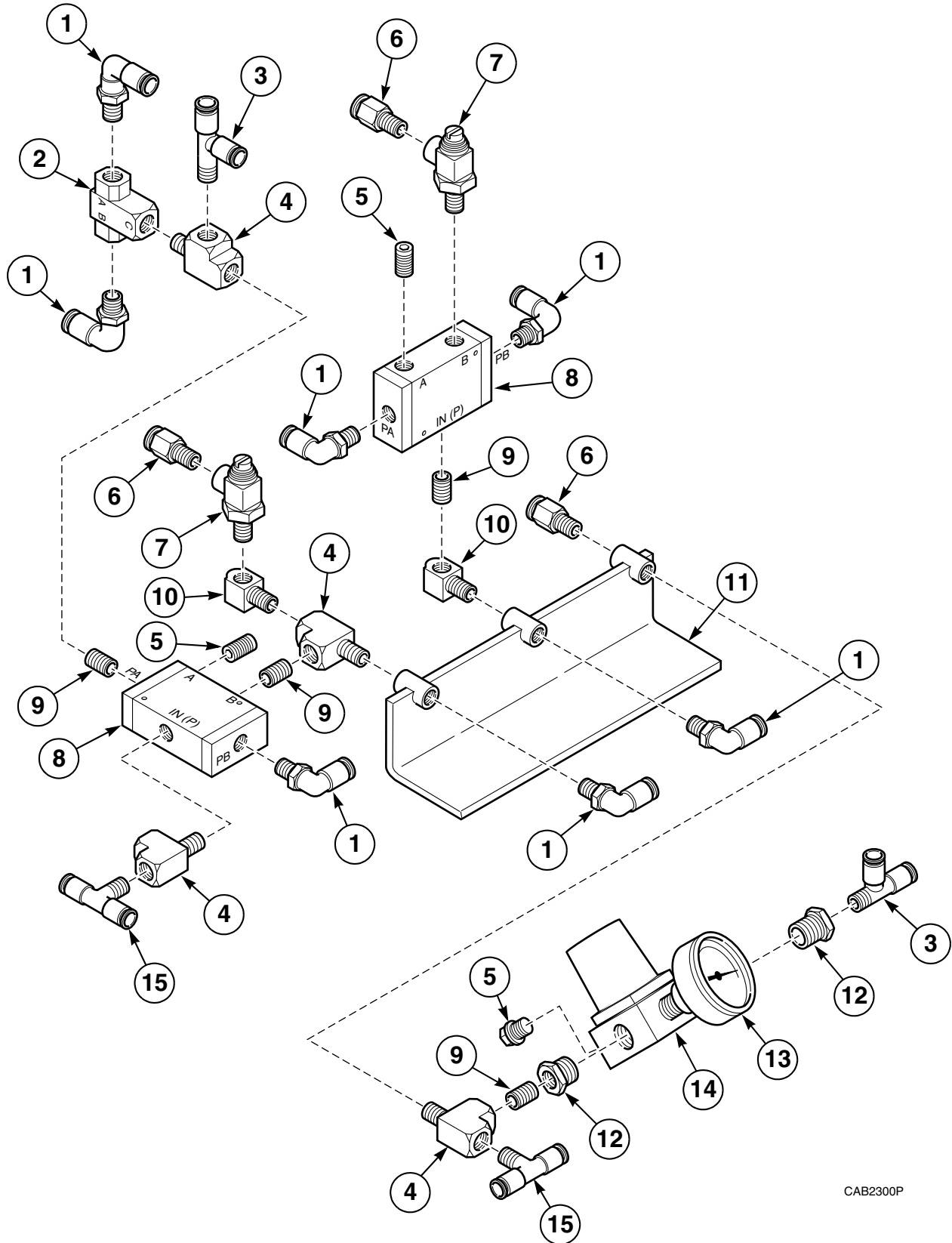
CAB2303P

Bracket and Fittings Assembly (Drawing 4 of 6)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1523844	Bracket and Fittings Assembly	Includes items 2-6
1	J1238518	Screw	
2	J1185073	Washer	
3	F422101	Connector	2 required
4	JA-50770	Elbow	2 required
5	JC-30541	Tee	2 required
6	J1523828	Bracket Weldment	

Bracket and Fittings Assembly (Drawing 5 of 6)

Models DFB-X and DFB-XV



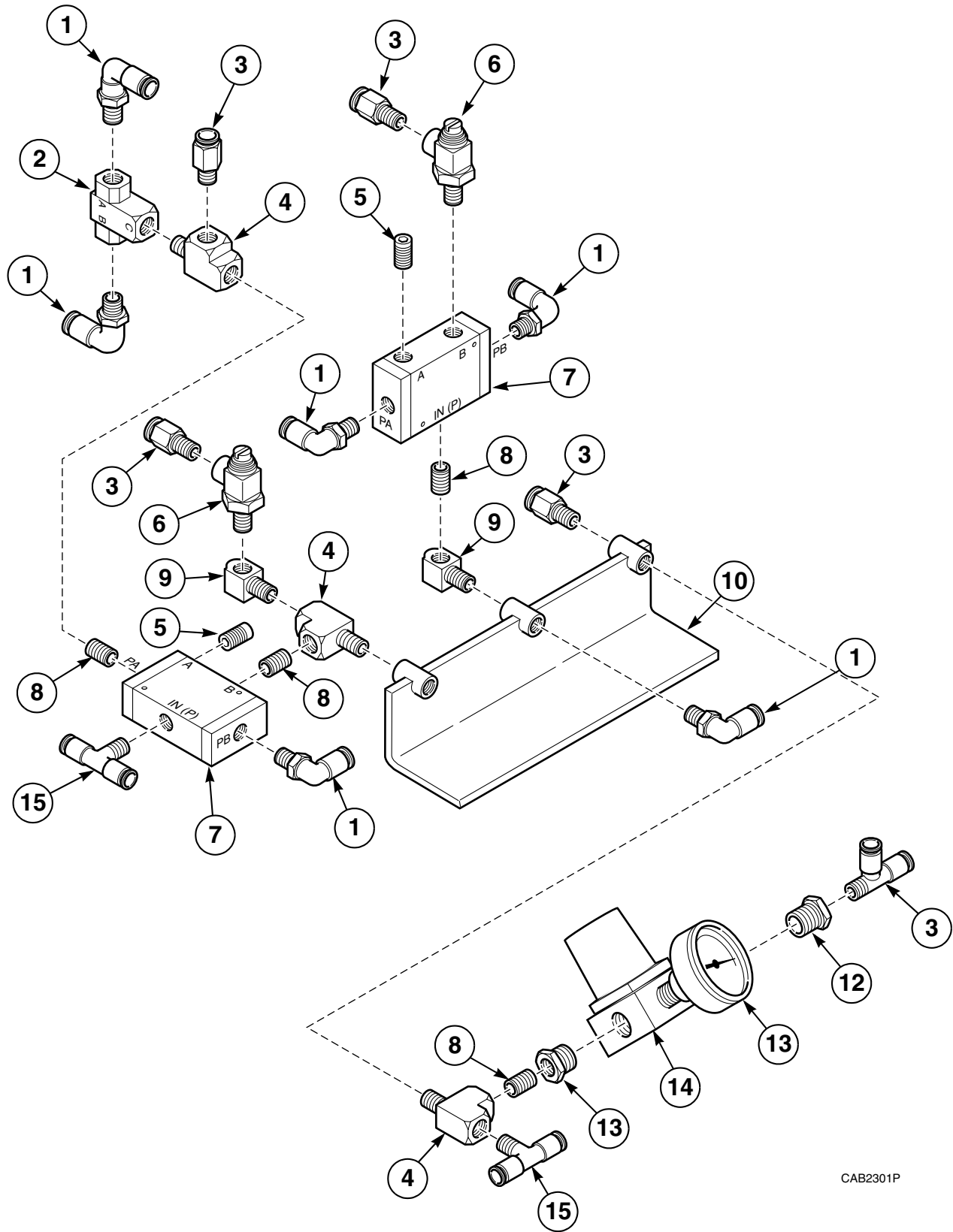
CAB2300P

Bracket and Fittings Assembly (Drawing 5 of 6)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1531839	Bracket and Fittings Assembly	3 coupling; Includes items 1-15
1	J1407741	Elbow	7 required
2	JA-53602	Shuttle Valve	
3	J1438357	Tee	2 required
4	JC-30541	Tee	4 required
5	J1039858	Plug	3 required
6	F422101	Connector	3 required
7	J1455781	Flow Control Valve	2 required
8	J1548783	Valve	4-way; Double pilot; 2 required
9	J1232313	Nipple	4 required
10	JC-28317	Elbow	2 required
11	J1523802	Manifold Weldment	Left; 3 coupling
12	JC-19609	Bushing	2 required
13	J1477959	Pressure Gauge	0-160 psig
14	J1421981	Regulator	
15	J1437029	Tee	2 required

Bracket and Fittings Assembly (Drawing 6 of 6)

Models CBBY-X and CBBY-XV

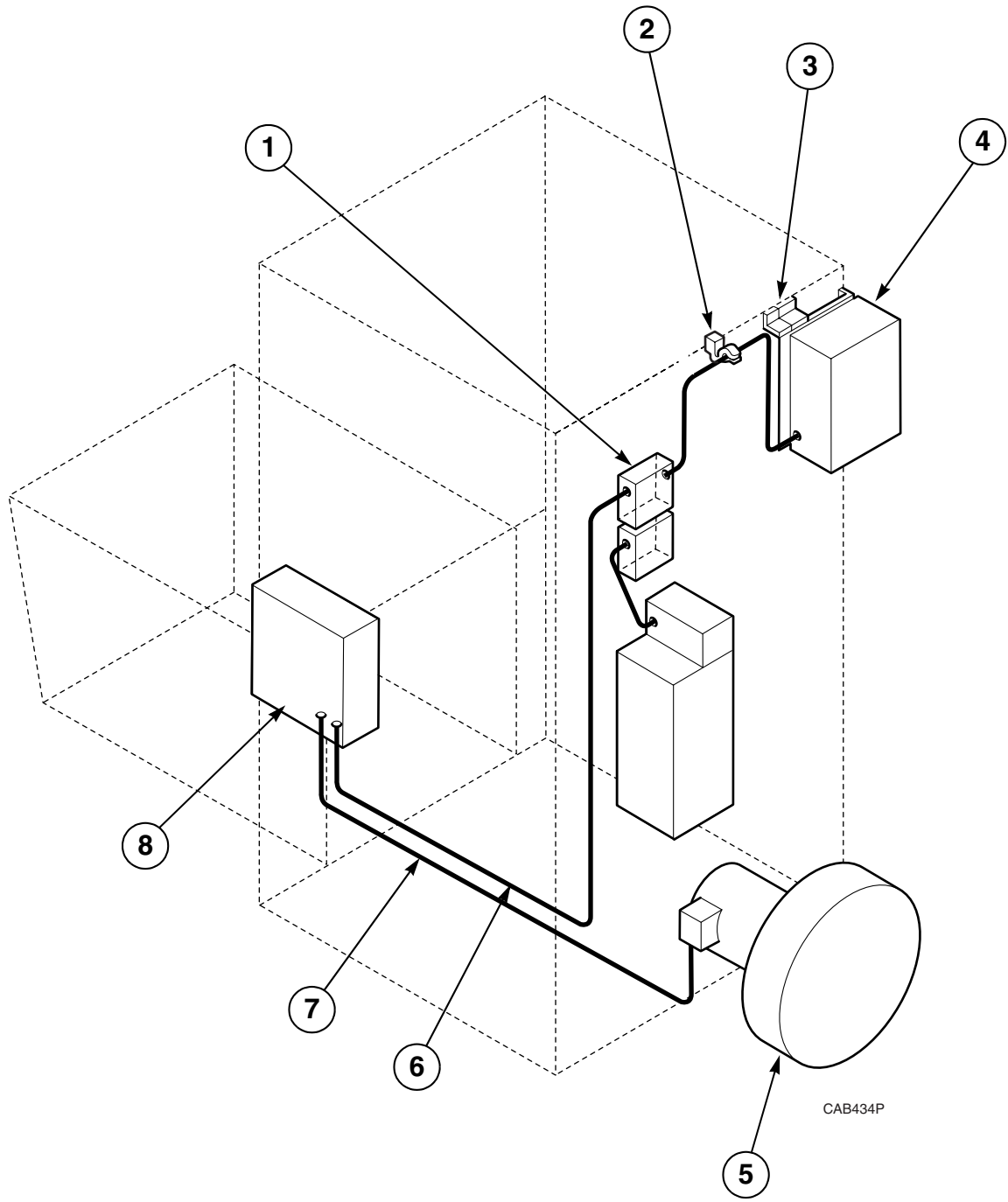


CAB2301P

Bracket and Fittings Assembly (Drawing 6 of 6)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1525260	Bracket and Fittings Assembly	3 coupling; Includes items 1-15
1	J1407741	Elbow	6 required
2	JA-53602	Shuttle Valve	
3	F422101	Connector	4 required
4	JC-30541	Tee	3 required
5	J1039858	Plug	2 required
6	J1455781	Flow Control Valve	2 required
7	J1548783	Valve	4-way; 2 required
8	J1232313	Nipple	4 required
9	JC-28317	Elbow	2 required
10	J1523802	Manifold Weldment	Left; 3 coupling
11	J1438357	Tee	
12	JC-19609	Bushing	2 required
13	J1477959	Pressure Gauge	0-160 psig
14	J1421981	Regulator	
15	J1437029	Tee	2 required

Electrical Parts and Conduit



Electrical Parts and Conduit

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1531094	Thermostat Assembly	Refer to <i>Thermostat Assembly</i> section for parts breakdown
2	J1235696	Clamp	
3	J1441955	Bracket	460/575 Volt
	J1441963	Bracket	380/415 Volt
4	JC-72982	Transformer	460 Volt
	N/A	Transformer	575 Volt
	J1142090	Transformer	380-415 Volt
5	J1567775	Blower	200 Volt/3 Phase/50 Hertz
	J0220243-00	Blower	220-480 Volt/3 Phase/50/60 Hertz
	J1567767	Blower	575 Volt/3 Phase/60 Hertz
6	J1531680	Conduit Assembly	Control box to thermostat
7	J1531672	Conduit Assembly	Control box to motor
8	J1547041	Control Box Assembly	200-240 Volt/3 Phase/50/60 Hertz
	J1547058	Control Box Assembly	460 Volt/3 Phase/60 Hertz
	N/A	Control Box Assembly	575 Volt/3 Phase/60 Hertz
	J1547074	Control Box Assembly	380-415 Volt/3 Phase/50 Hertz

N/A = Part no longer available

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