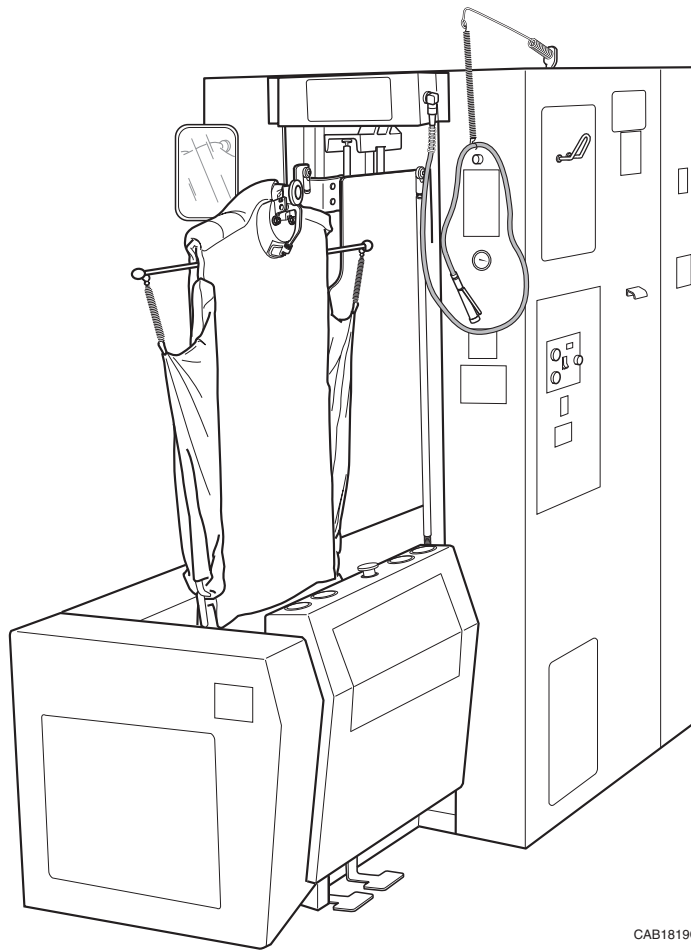


Legacy

Bosom, Body and Yoke Cabinet Press
Single Buck

ALC145LLV



CAB1819C

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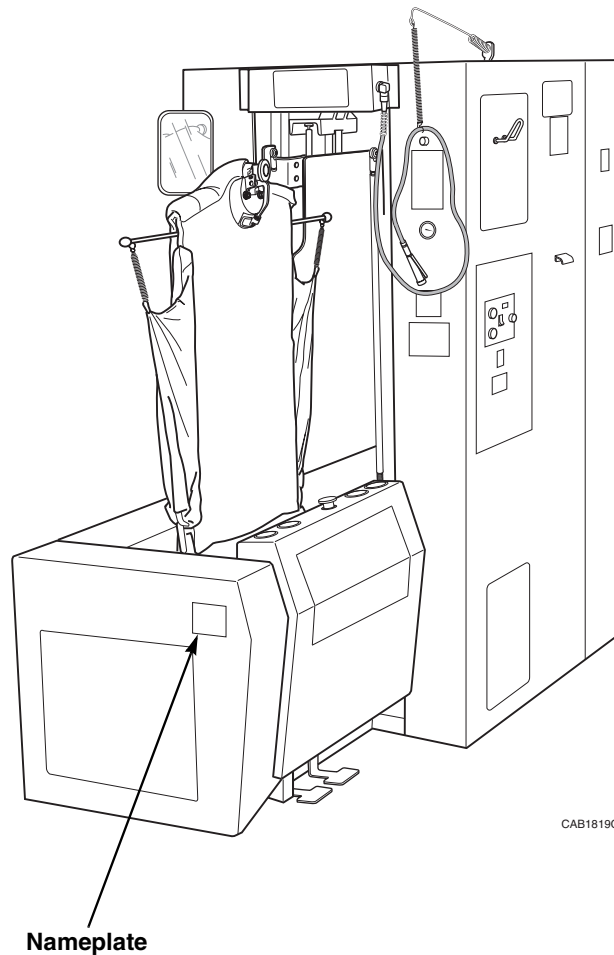
Parts Ordering Information

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

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

Nameplate Location

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



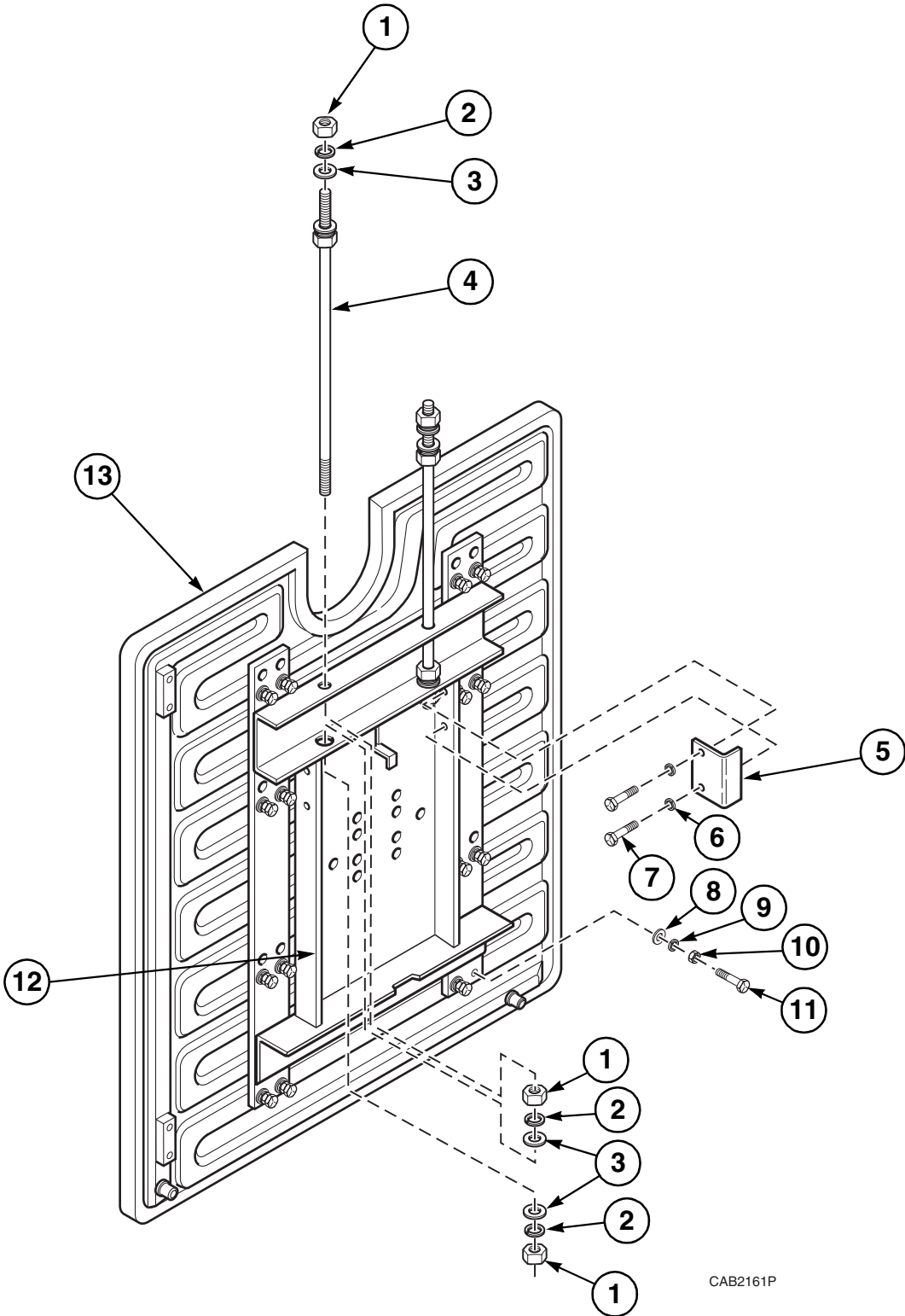
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Model Identification

Information in this manual is applicable to this model:

ALC145LLV

Front Head Assembly

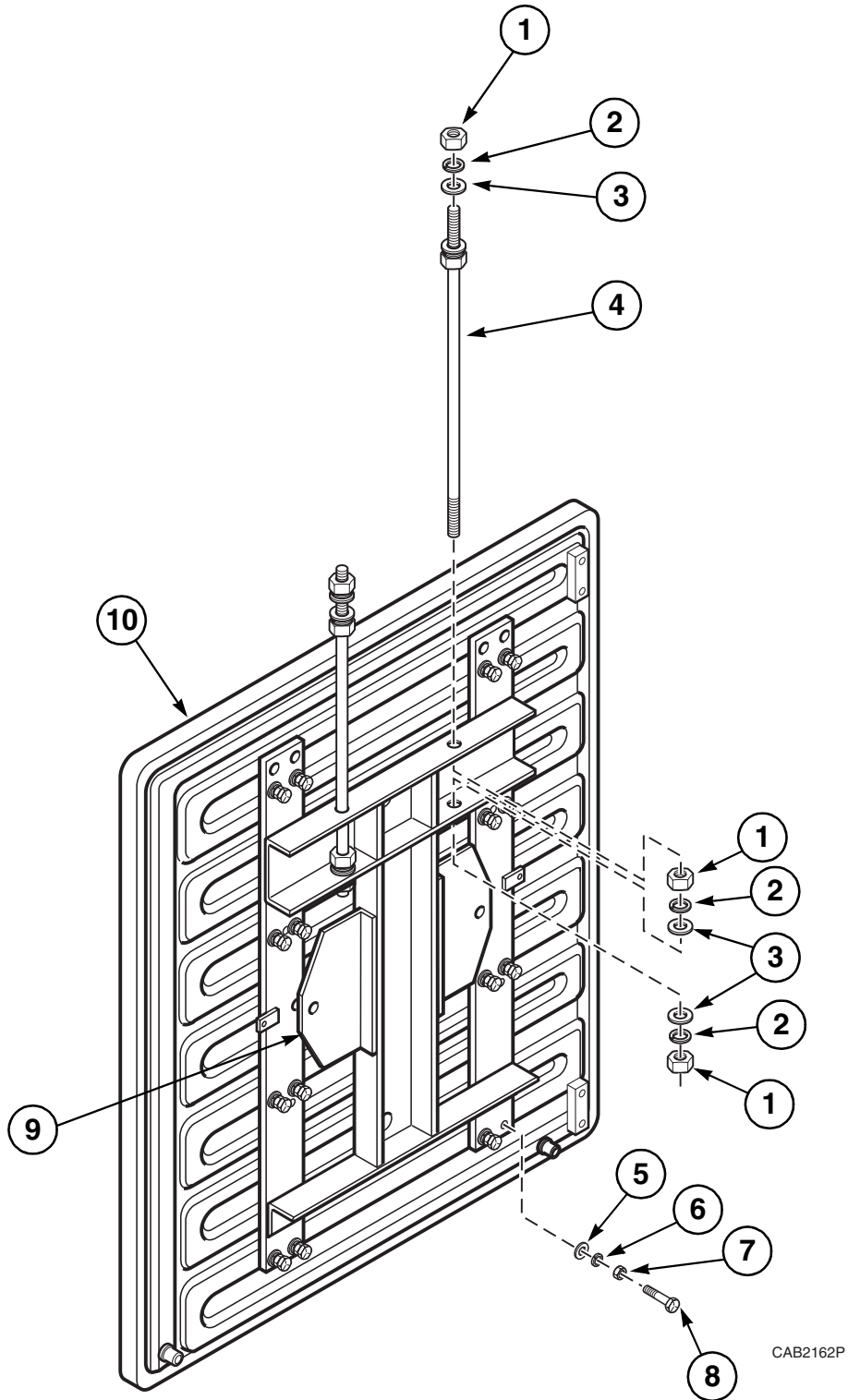


CAB2161P

Front Head Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J200004300	Front Head Assembly	Includes items 1-13
1	F430246	Nut	8 required
2	F430308	Washer	8 required
3	F430326	Washer	8 required
4	J1550755	Head Mounting Rod	2 required
5	J1550961	Plate Cover	
6	J1185073	Washer	2 required
7	JA-53020	Screw	2 required
8	F431105	Washer	16 required
9	F431137	Washer	16 required
10	F431004	Nut	16 required
11	F430946	Screw	16 required
12	J200004200	Front Head Frame Weldment	
13	J200050100	Front Head Weldment	

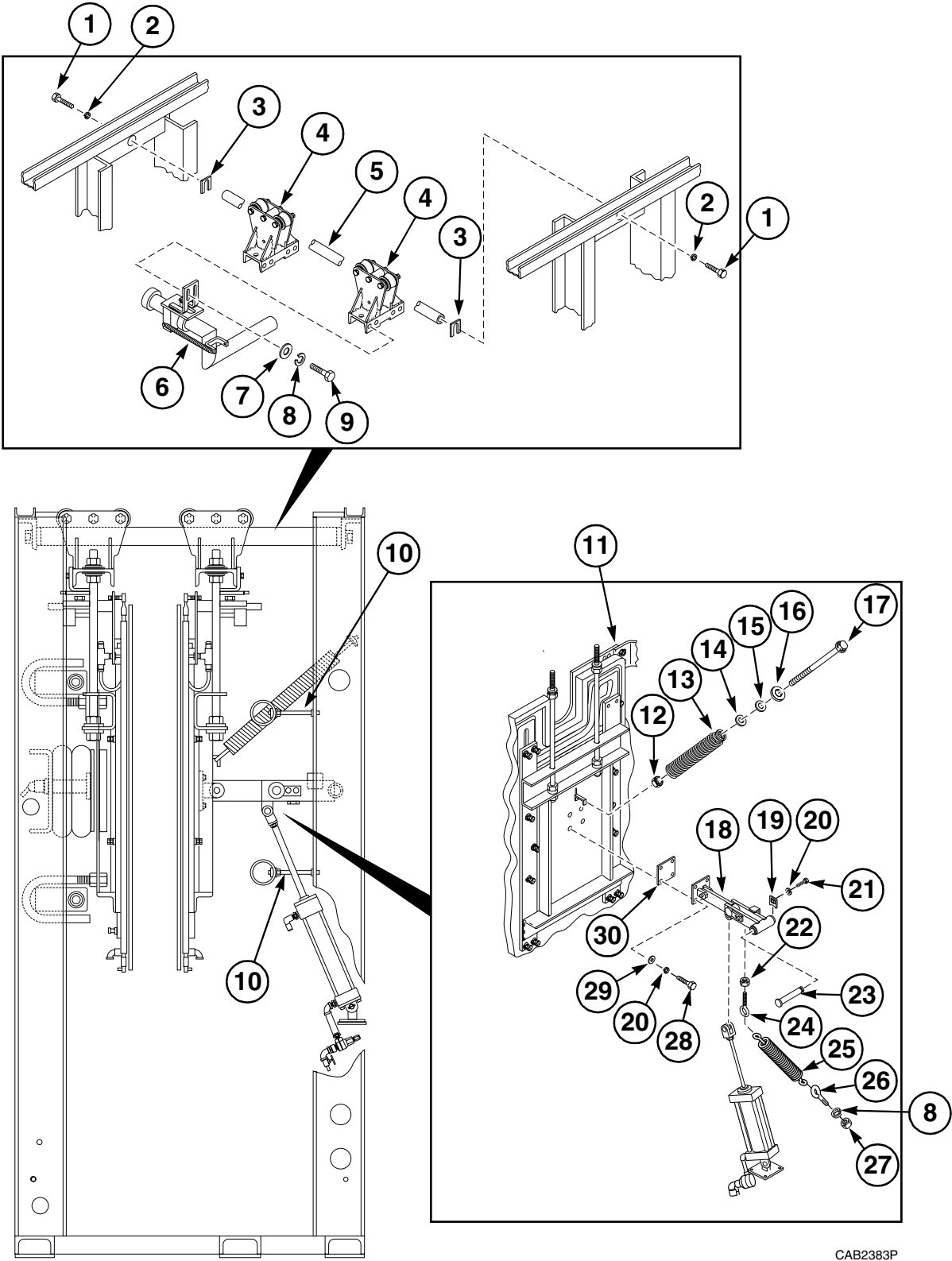
Rear Head Assembly



Rear Head Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J200005000	Rear Head Assembly	Includes items 1-10
1	F430246	Nut	8 required
2	F430308	Washer	8 required
3	F430326	Washer	8 required
4	J1550755	Head Mounting Rod	2 required
5	F431105	Washer	16 required
6	F431137	Washer	16 required
7	F431004	Nut	16 required
8	F430946	Screw	16 required
9	J200004700	Rear Head Frame Weldment	
10	J200050200	Rear Head Weldment	

Head Closing Mechanism Assembly (Drawing 1 of 2)

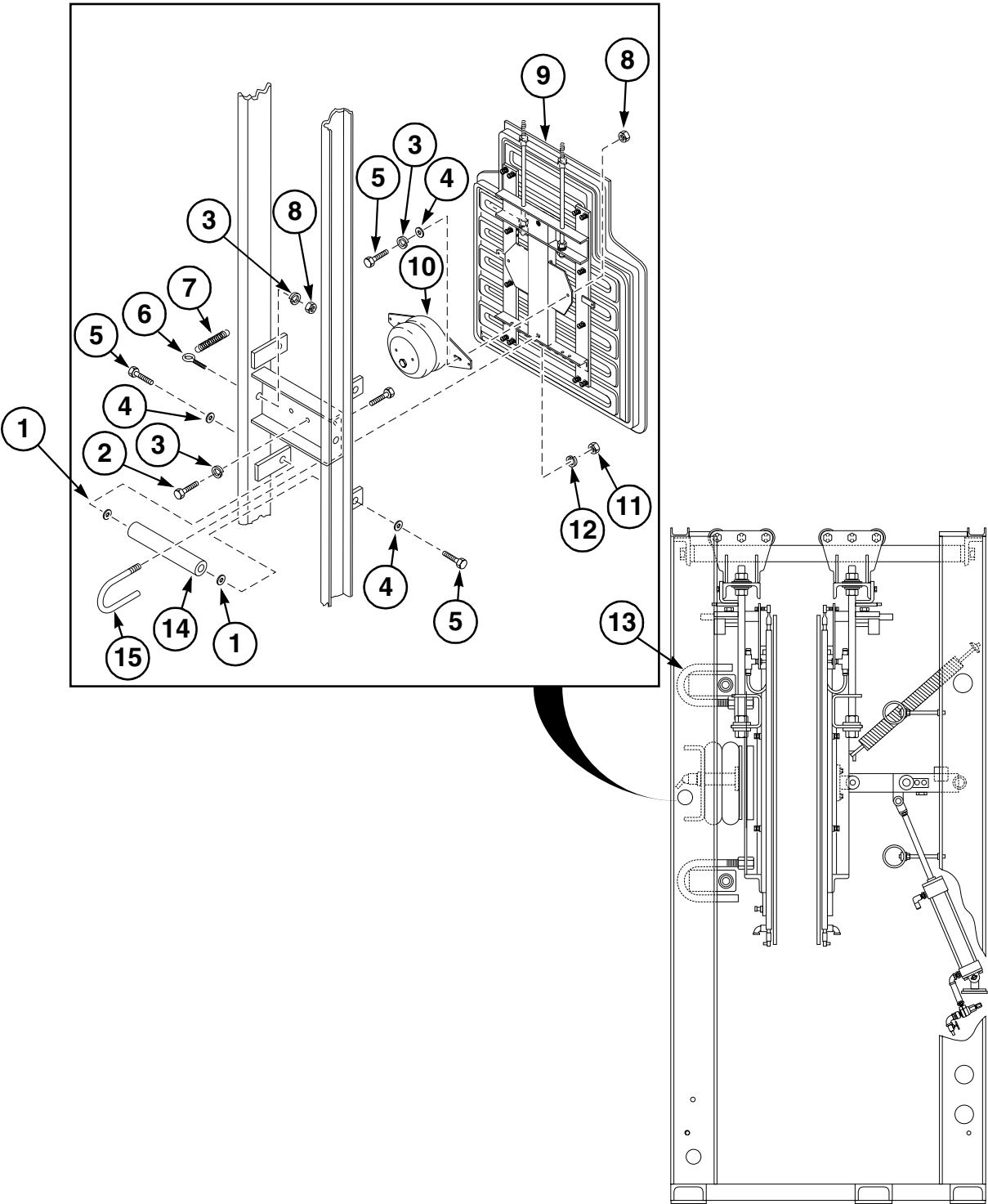


CAB2383P

Head Closing Mechanism Assembly (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	JC-63204	Screw	2 required in whole assembly
2	JC-43257	Washer	2 required in whole assembly
3	J200187100	Head Rail Spacer Plate	
4	J1405786	Roller Bracket Assembly	2 required; Refer to <i>Roller Bracket Assembly</i> section for parts breakdown
5	J1550789	Head Rail Weldment	
6	J200010900	Snorkel Tube Assembly	Refer to <i>Snorkel Tube Assembly</i> section for parts breakdown
7	J1001270	Washer	2 required in whole assembly
8	M400013	Washer	3 required in whole assembly
9	M400057	Screw	2 required in whole assembly
10	J1562842	Head Bumper Assembly	4 required; Refer to <i>Head Bumper Assembly</i> section for parts breakdown
11	J200004300	Front Head Assembly	Refer to <i>Front Head Assembly</i> section for parts breakdown
12	20274	Nut	11 required in whole assembly
13	JA-08705	Spring Assembly	
14	J1001304	Washer	7 required in whole assembly
15	J1178391	Washer	8 required in whole assembly
16	JA-51527	Gasket	Rubber
17	JA-10158	Screw	
18	J159468800	Front Head Close Toggle Assembly	Refer to <i>Front Head Close Toggle Assembly</i> section for parts breakdown
19	J1438209	Retainer Clip	
20	J1185073	Washer	5 required in whole assembly
21	JA-53020	Screw	
22	20275	Nut	
23	J1594662	End Toggle Pin	
24	J1442730	Bolt	
25	J1474774	Extension Spring	
26	J1447846	Bolt	
27	70142	Nut	2 required in whole assembly
28	J1238518	Screw	4 required in whole assembly
29	JC-80513	Washer	4 required in whole assembly
30	J1437821	Plate Mounting and Bearing Shim	2 required in whole assembly

Head Closing Mechanism Assembly (Drawing 2 of 2)

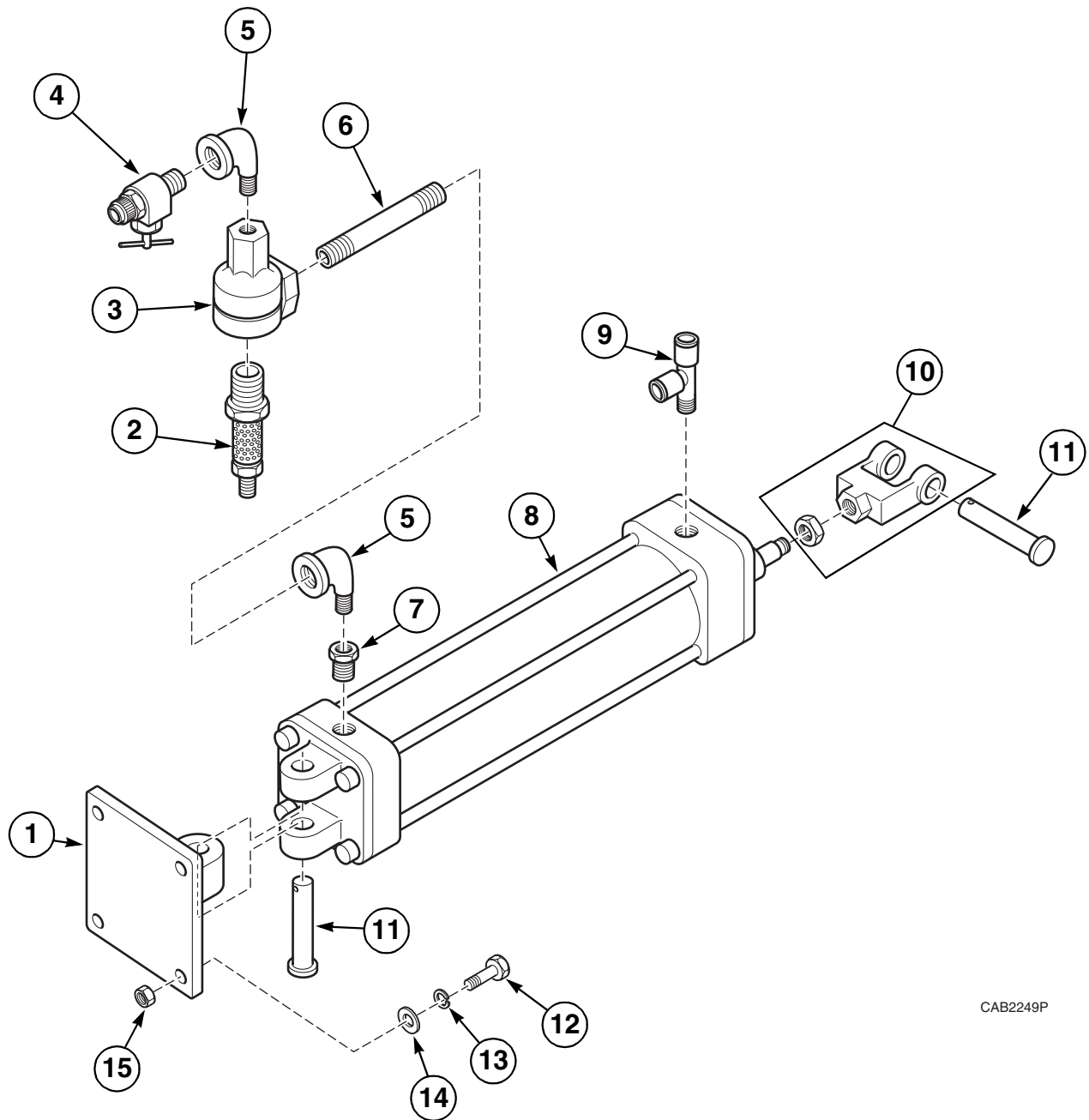


CAB2386P

Head Closing Mechanism Assembly (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-56790	Bumper Assembly	2 required in whole assembly
1	J1545185	Washer	4 required in whole assembly
2	JC-62959	Screw	2 required in whole assembly
3	M400014	Washer	10 required in whole assembly
4	J1001304	Washer	7 required in whole assembly
5	J1122118	Screw	6 required in whole assembly
6	JC-18058	Bolt	2 required in whole assembly
7	J1055029	Extension Spring	2 required in whole assembly
8	20274	Nut	11 required in whole assembly
9	J200005000	Rear Head Assembly	Refer to <i>Rear Head Assembly</i> section for parts breakdown
10	J200012800	Head Air Bag Assembly	Refer to <i>Head Air Bag Assembly</i> section for parts breakdown
11	F430246	Nut	2 required in whole assembly
12	JA-53116	Washer	2 required in whole assembly
13	J1545144	Head Stop Hook	
14	J1545169	Head Stop Rod	2 required in whole assembly
15	J1594696	Head Stop Hook	

Front Head Closing Cylinder Assembly

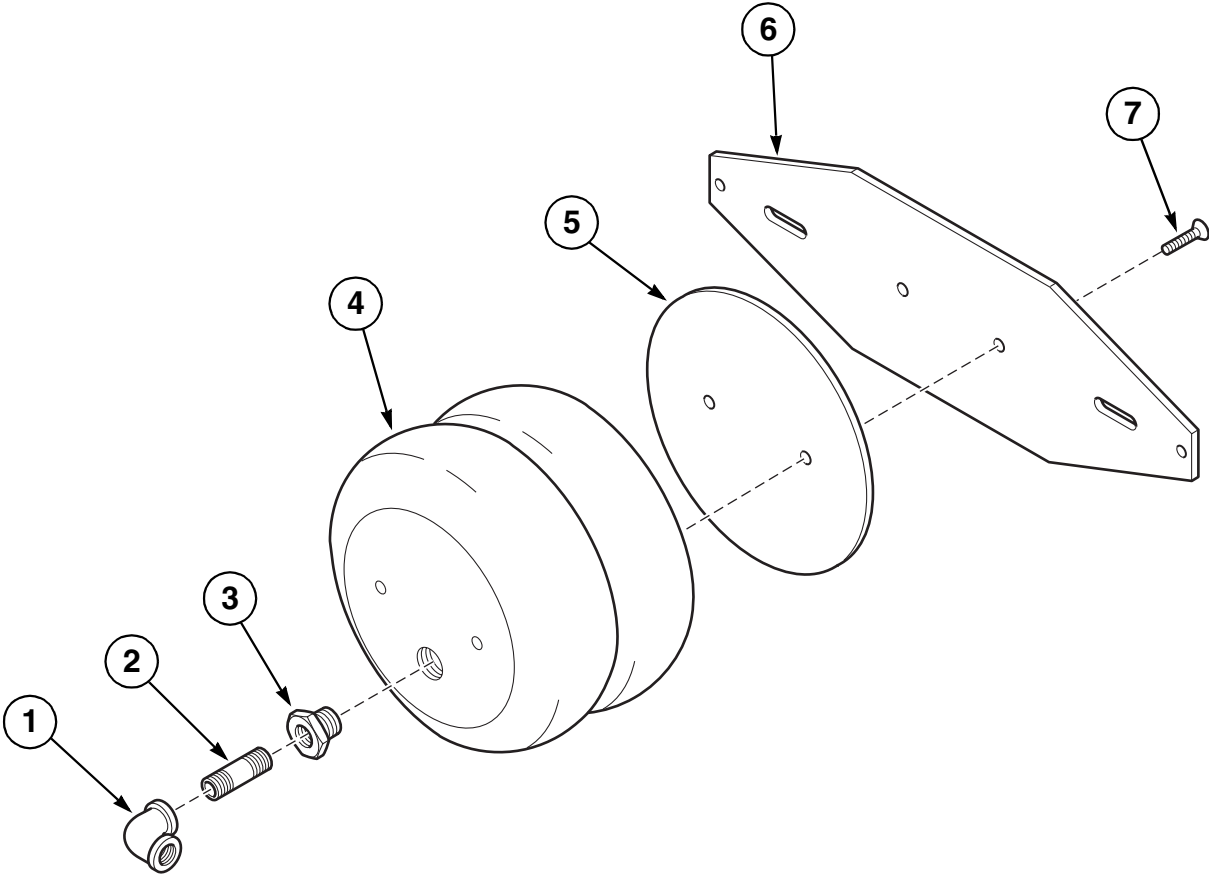


CAB2249P

Front Head Closing Cylinder Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J200055700	Front Head Closing Cylinder Assembly	Includes items 1-11
	J1634906	Repair Kit	
1	J1545193	Head Cylinder Bracket Weldment	
2	J1352327	Air Muffler	Adjustable
3	JA-56925	Quick Exhaust Air Valve	
4	J1110998	Needle Valve	Brass
5	J200056000	Street Pipe Elbow	2 required
6	J200056100	Pipe Nipple	
7	J1184506	Reducing Bushing	
8	J1562966	Air Cylinder	Double Acting
9	J200055800	Male Run Tee	
10	J1562974	Clevis	Includes nut
11	J1451145	Cylinder Pivot Pin	2 required; Includes retaining rings
12	91202	Screw	4 required
13	M400013	Washer	4 required
14	M400080	Washer	4 required
15	70142	Nut	4 required

Head Air Bag Assembly

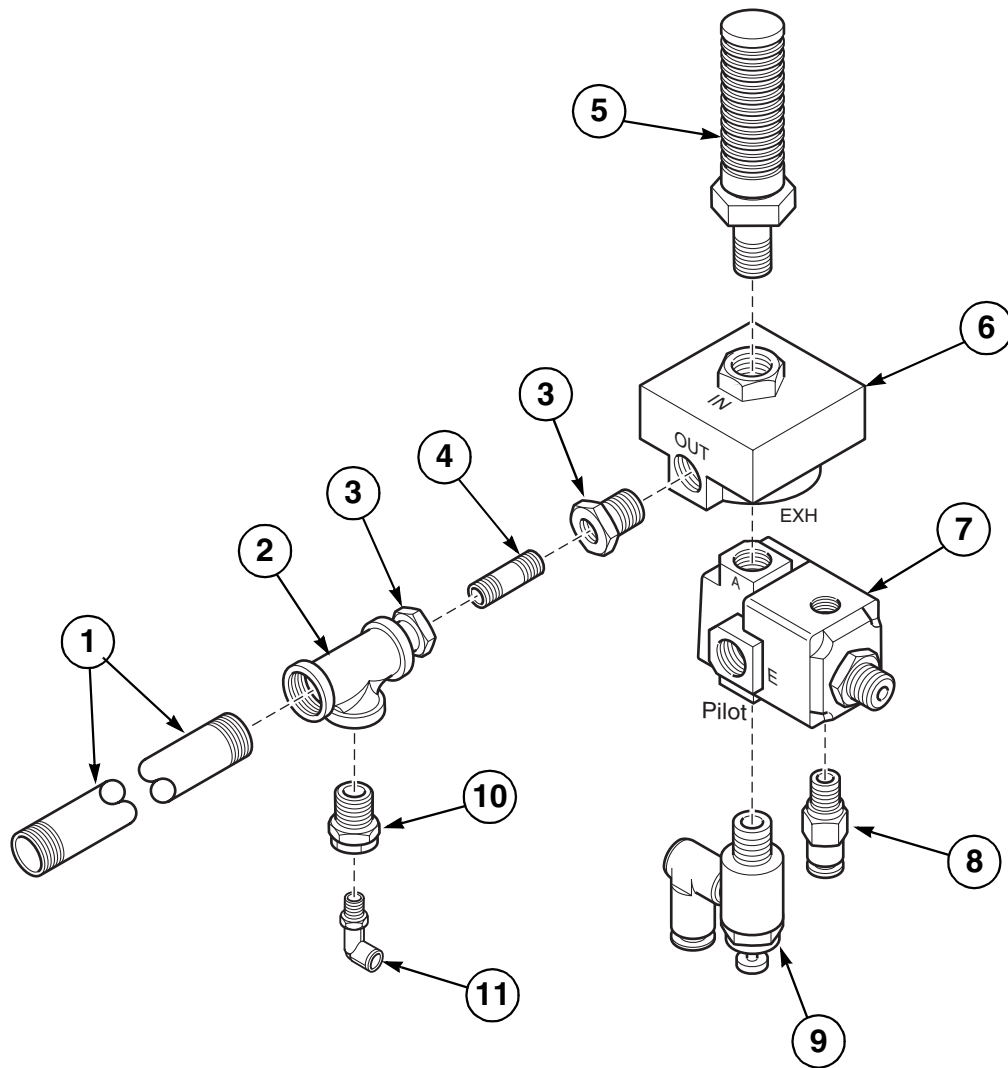


CAB2248P

Head Air Bag Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J200012800	Head Air Bag Assembly	Includes items 1-7
1	F420501	Elbow	
2	F420101	Nipple	
3	J1161140	Reducing Bushing	
4	J1562867	Air Bag Actuator	
5	J1555127	Air Bag Heat Protection Plate	
6	J1601939	Air Bag Mounting Plate	
7	JC-62286	Screw	2 required

Rear Head Closing Cylinder Assembly – Models Through June 20, 2003



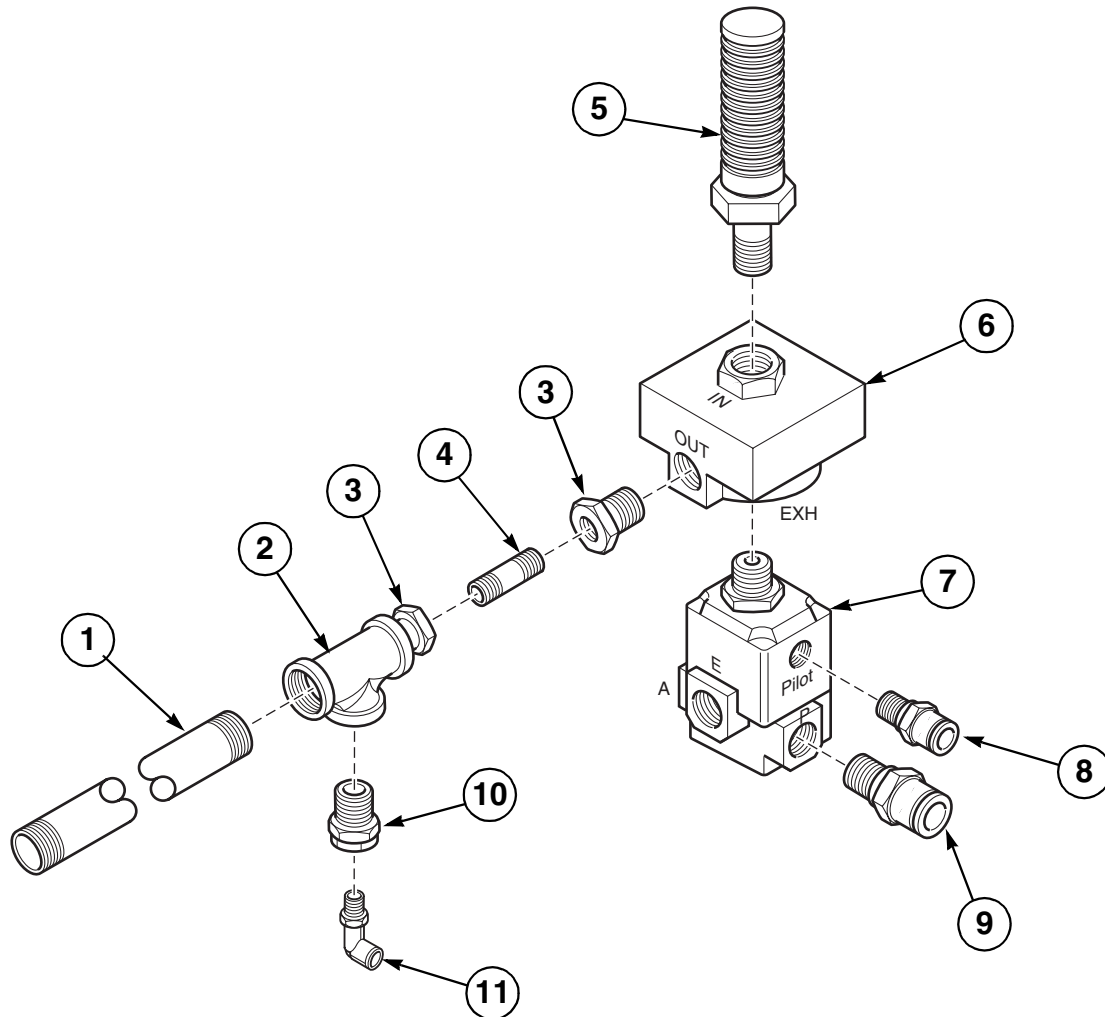
CAB2549P

Rear Head Closing Cylinder Assembly – Models Through June 20, 2003

REF	PART NO.	DESCRIPTION	COMMENTS
	J200012900	Rear Head Closing Cylinder Assembly	Includes items 1-11
	J0180100-00	Quick Exhaust Assembly	Includes items 5-9
	J025081107	O-Ring	Use with item 6
	J025081108	Quick Exhaust Valve	Use with item 6
1	JC-46219	Pipe Nipple	
2	JC-70628	Pipe Tee	
3	JC-19682	Reducing Bushing	2 required
4	J1026335-01	Pipe Nipple	
5	J0140353-00	Silencer	
6	J025081106	Quick Exhaust Valve	
7	J0381776-00	Air Valve	
8	J1408004	Connector	
9	N/A	Flow Control	
10	JC-19624	Pipe Bushing	
11	J0260211-00	Male Elbow	

N/A = Part no longer available

Rear Head Closing Cylinder Assembly – Models Starting June 21, 2003

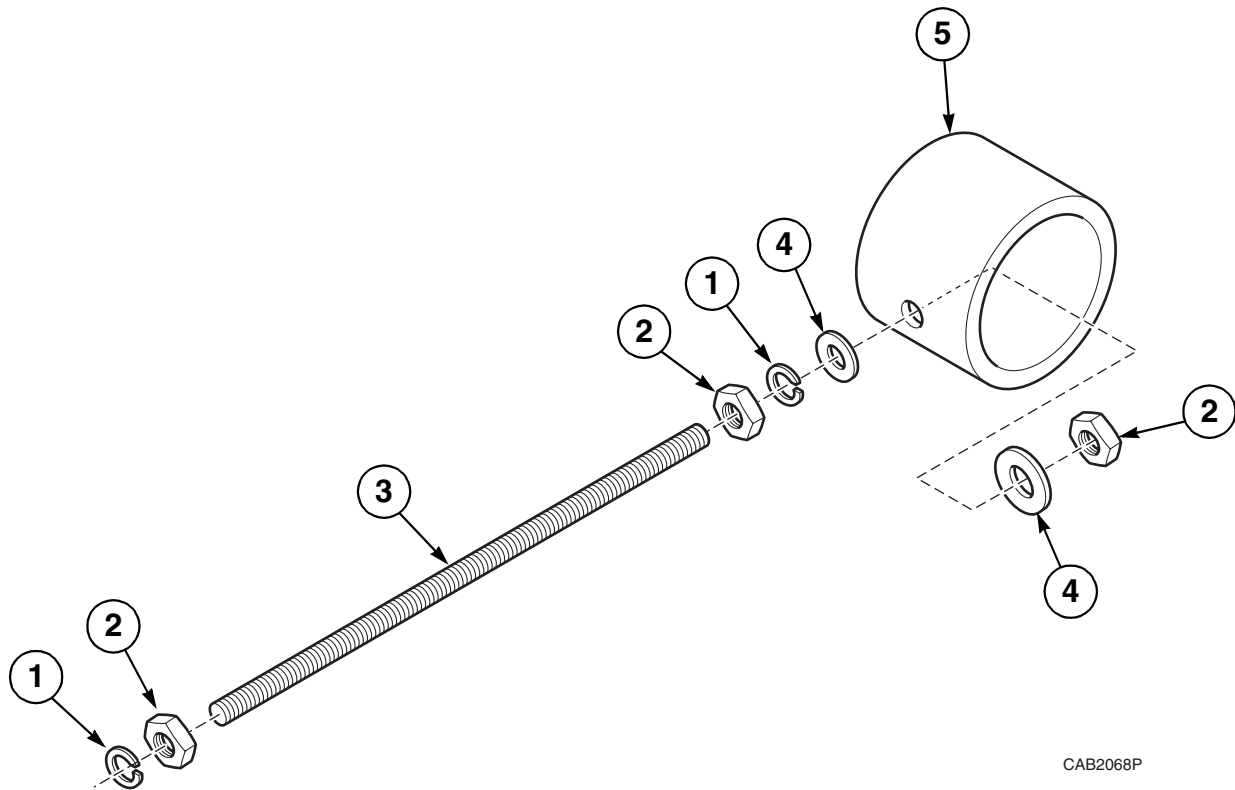


CAB2173P

Rear Head Closing Cylinder Assembly – Models Starting June 21, 2003

REF	PART NO.	DESCRIPTION	COMMENTS
	J200012900	Rear Head Closing Cylinder Assembly	Includes items 1-11
	J0180100-00	Quick Exhaust Assembly	Includes items 5-9
	J025081107	O-Ring	Use with item 6
	J025081108	Quick Exhaust Valve	Use with item 6
1	JC-46219	Pipe Nipple	
2	JC-70628-01	Pipe Tee	
3	JC-19682	Reducing Bushing	2 required
4	J1026335-01	Pipe Nipple	
5	J0140353-00	Silencer	
6	J025081106	Quick Exhaust Valve	
7	J0381776-00	Air Valve	
8	J1408004	Connector	
9	J1408020	Tubing Connector	
10	JC-19624	Pipe Bushing	
11	J0260211-00	Male Elbow	

Head Bumper Assembly

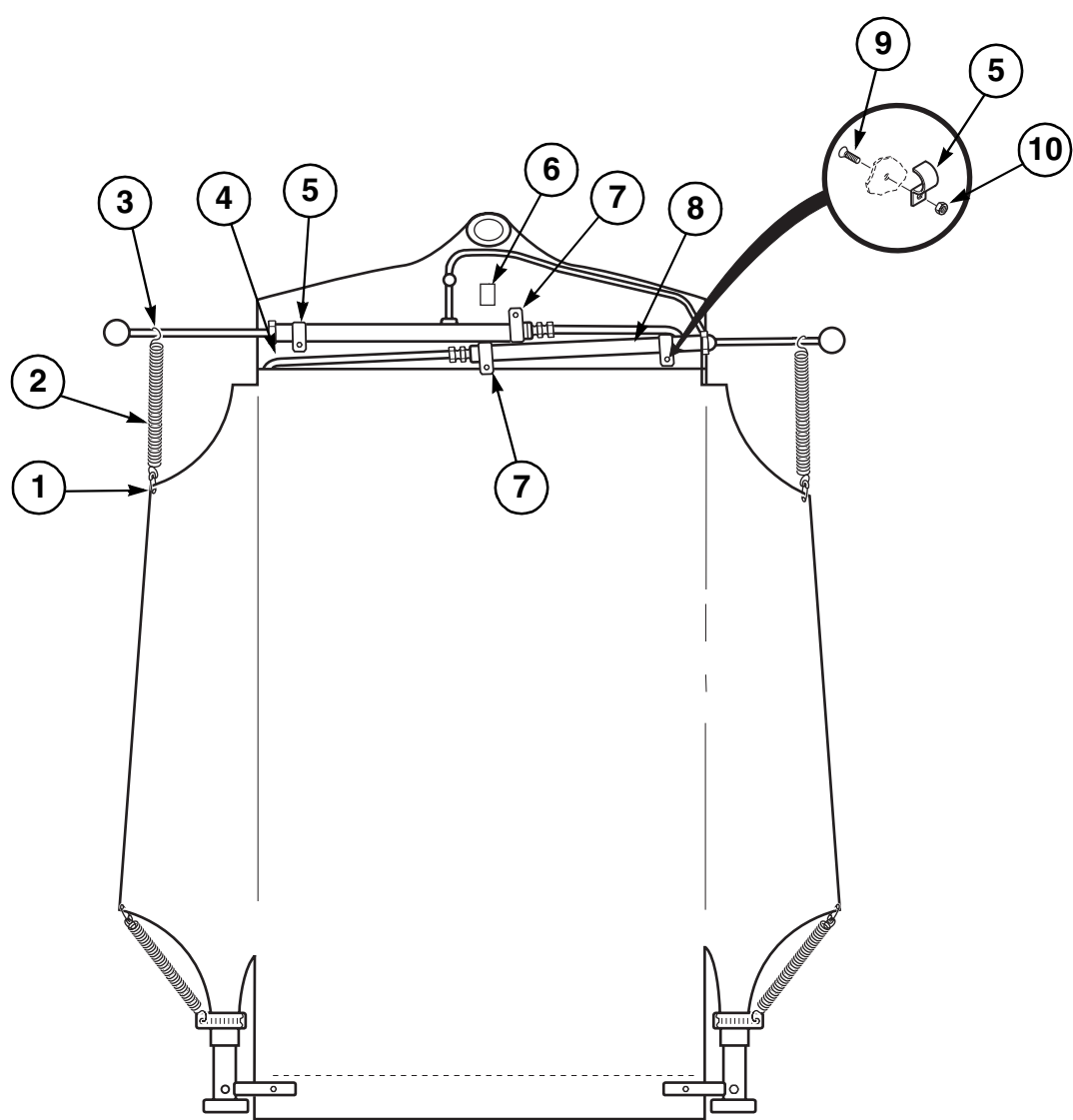


CAB2068P

Head Bumper Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1562842	Head Bumper Assembly	4 required; 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	

Cover and Padding Assembly (Drawing 1 of 2)

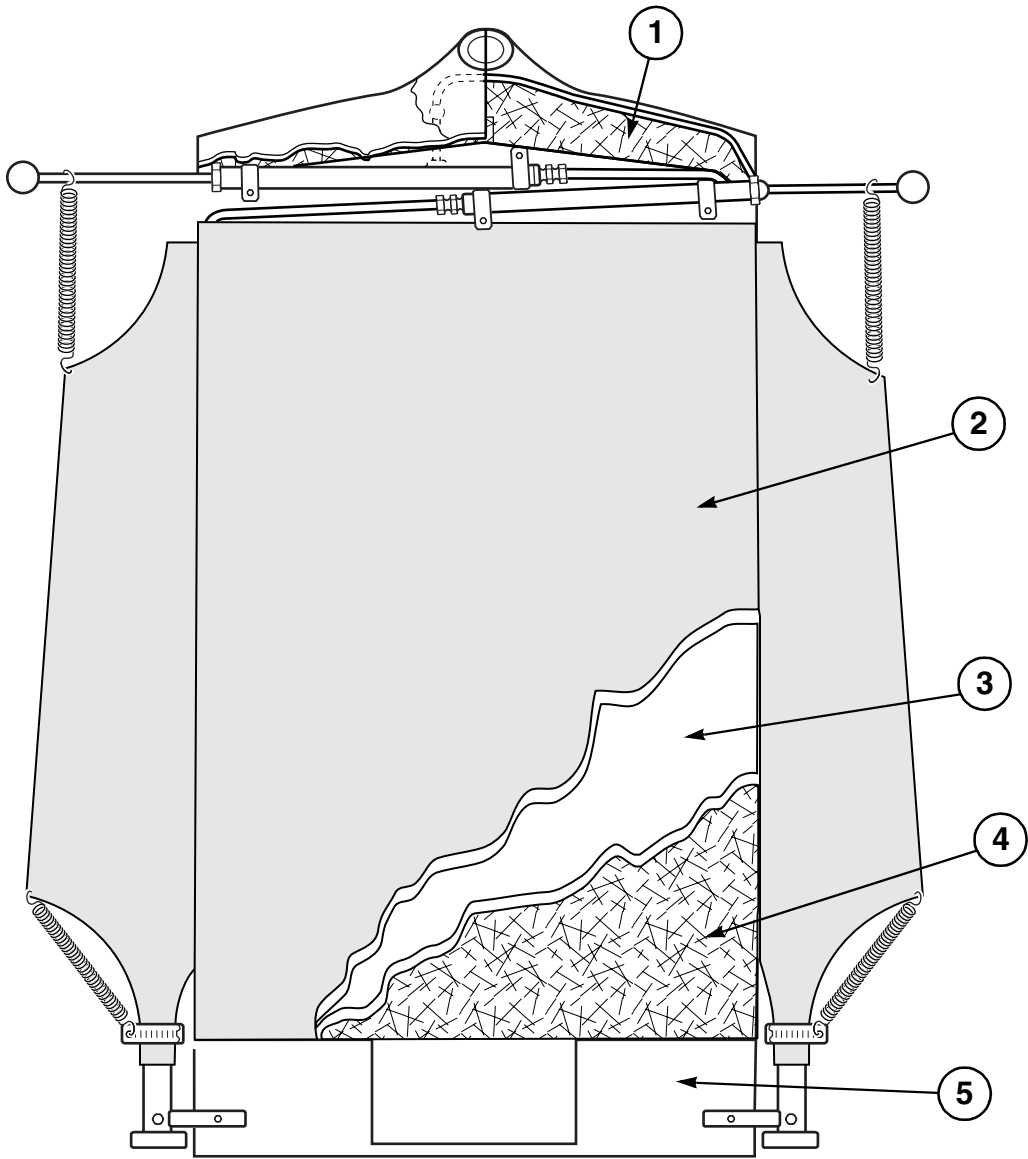


CAB2074P

Cover and Padding Assembly (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1333285	Screw	2 required
	JA-24245	Nut	2 required
1	JA-51758	Safety Pin	8 required
2	JA-52758	Spring	4 required
3	J1528595	Retaining Ring	Elastic; 4 required
4	J1106699	Tubing	Copper; 15 feet required
5	J118788901	Pipe Clip	2 required
6	J200155100	Mounting Bracket Clamp	Use M4000057 Screw and M400013 Washer to attach
7	J1187889	Jiffy Clip	2 required
8	J200055100	Sleeve Expander	2 required; 16 inch buck
	J200055200	Sleeve Expander	2 required; 18 and 20 inch buck
9	J1142447	Screw	4 required
10	J1000736	Nut	4 required

Cover and Padding Assembly (Drawing 2 of 2)



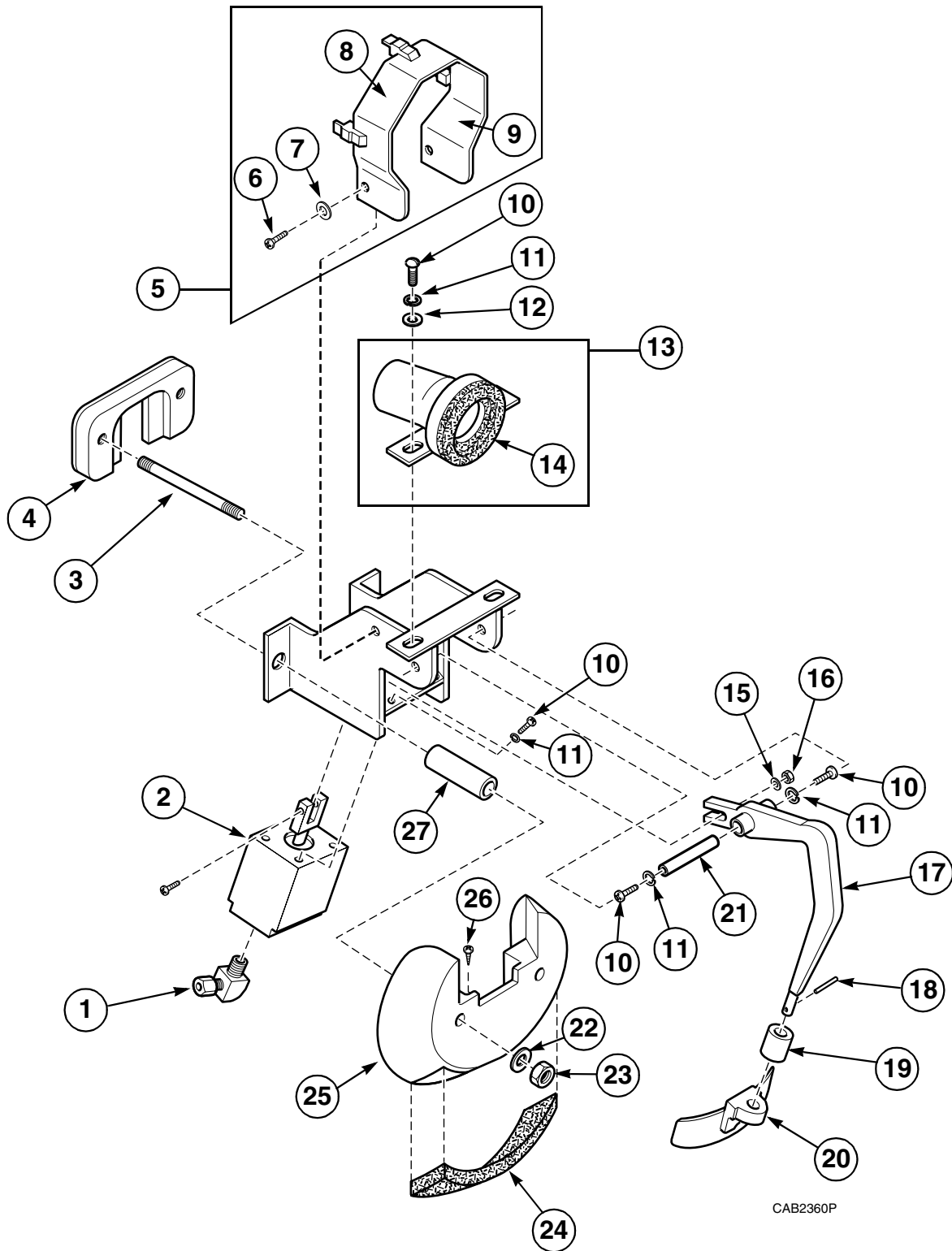
CAB1959P

Cover and Padding Assembly (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1613660	Buck and Cover Assembly	
	J200180300	16 Inch Front Buck Kit	
	J200180400	16 Inch Rear Buck Kit	
1	J1618875	Spring Padding Assembly	
2	J1494251	Cover and Bag Assembly	
3	J1494244	Flannel Pad	30 ounce
4	J1610492	Padding	Steel wool
5	J1613637	Front Vacuum Buck Plate Weldment	20 inch
	J1586015	Front Vacuum Buck Weldment	18 inch

Collar Block Assembly (Drawing 1 of 2)

Models Through March 2004



CAB2360P

Collar Block Assembly (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	JA-50770	Male Compression Elbow	
2	J1504018	Collar Block Cylinder Assembly	Refer to <i>Collar Block Cylinder Assembly</i> section for parts breakdown
3	J200144100	Screw	2 required
4	J200103900	Mounting Bracket Plate	
5	J0637755-00	Heat Shield and Cover Assembly	Includes items 6-9
6	F430909	Screw	2 required
7	F430311	Washer	
8	J0150523-00	Heat Shield Cover	
9	J0637754-00	Heat Shield	
10	J1185107	Screw	8 required
11	J1000975	Washer	9 required
12	J1001213	Washer	8 required
13	JA-09174	Collar Tube Assembly	Includes item 14
14	J1401389	Seal	Silicon
15	J1085984	Washer	
16	J1489053	Screw	
17	J1624774	Collar Block Arm Assembly	
18	J1407725	Roll Pin	
19	J1648831	Collar Block Spacer	
20	JA-22812	Swivel Clamp	
21	J1484401	Collar Block Axle	
22	F431134	Washer	2 required
23	M400026	Nut	2 required
24	JA-09244	Insert Assembly	
25	JA-24340	Collar Block	
26	JA-50454	Screw	2 required
27	J1488873	Collar Block Spacer	2 required

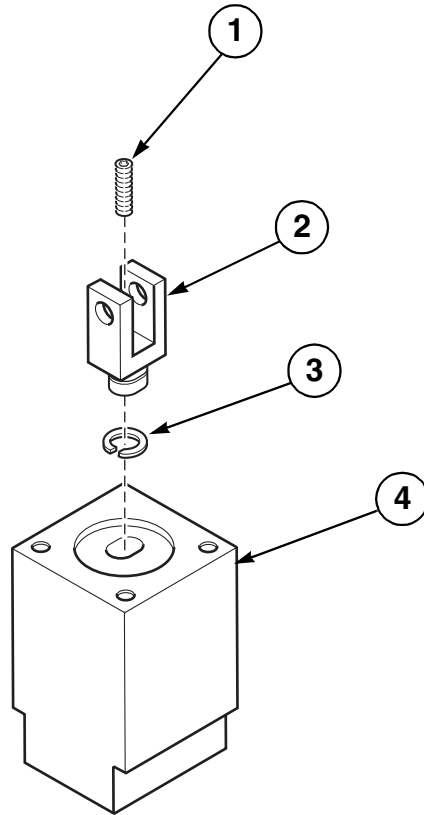
Models Starting March 2004



Collar Block Assembly (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J200104200	Collar Block Assembly	Includes items 1-2 and 7-31
1	J200103900	Mounting Bracket Plate	
2	J0637755-00	Heat Shield and Cover Assembly	Includes items 3-6
3	F430909	Screw	2 required
4	F430311	Washer	2 required
5	J0150523-00	Heat Shield Cover	Nomex
6	J0637754-00	Heat Shield	
7	J1185107	Screw	6 required
8	J1000975	Washer	6 required
9	J1001213	Washer	2 required
10	JA-09174	Collar Tube Assembly	
11	J200109000	Collar Housing Weldment	
12	J1085984	Washer	
13	J1209113	Nut	
14	J0430281-00	Screw	2 required
15	F430311	Washer	
16	J1624774	Collar Block Arm Assembly	
17	J1407725	Roll Pin	
18	J1648831	Collar Block Spacer	
19	JA-22812	Swivel Clamp	
20	J1484401	Collar Block Axle	
21	M400026	Nut	2 required
22	F431134	Washer	2 required
23	J200144100	Screw	2 required
24	JC-62303	Screw	2 required
25	JA-09244	Insert Assembly	
26	JA-24340	Collar Block	
27	JA-50454	Screw	2 required
28	J200108900	Collar Block Spacer	2 required
29	J1504018	Collar Block Cylinder Assembly	Refer to <i>Collar Block Cylinder Assembly</i> section for parts breakdown
30	JA-50770	Male Compression Elbow	
31	J1489053	Screw	

Collar Block Cylinder Assembly

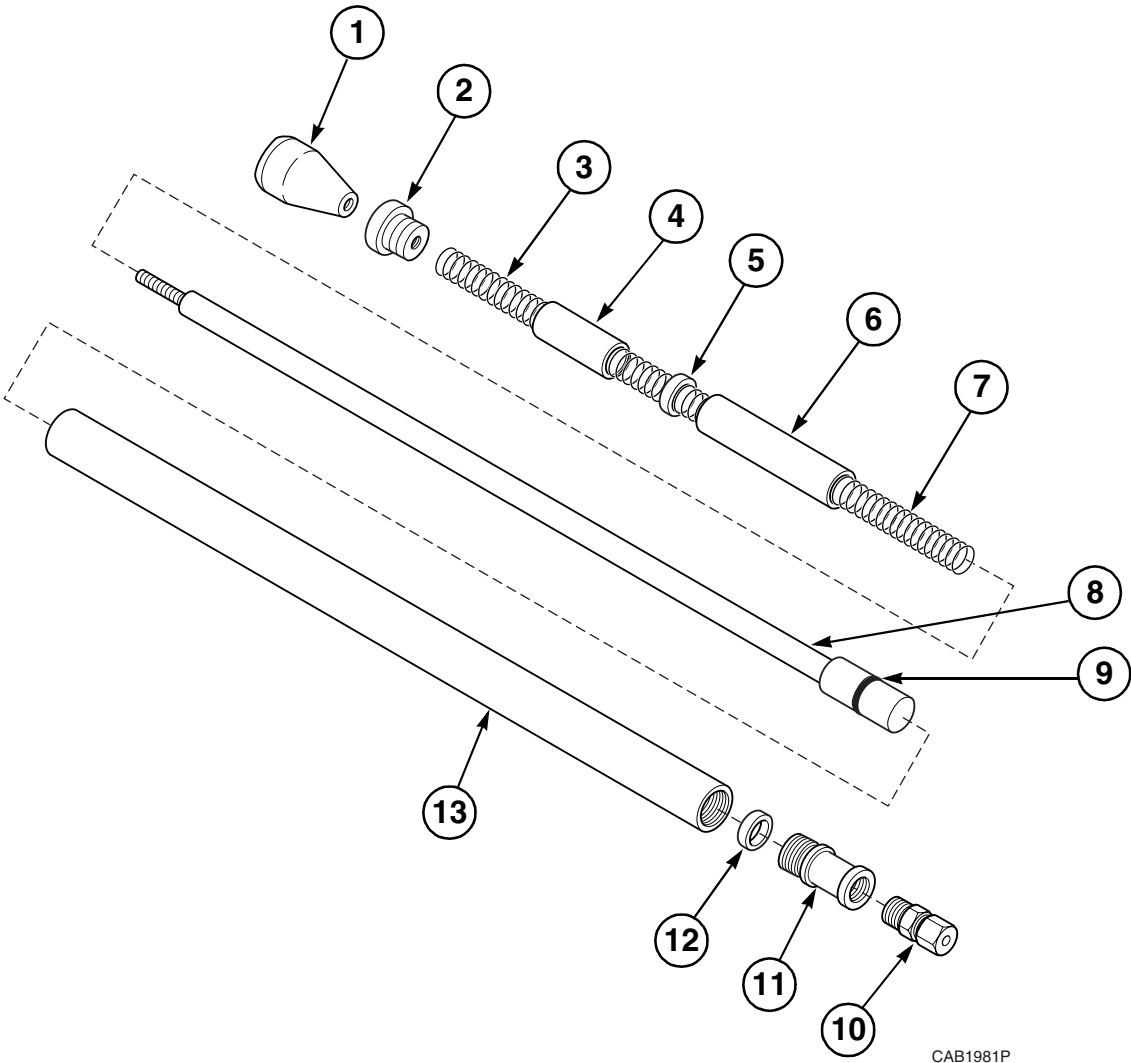


CAB2199P

Collar Block Cylinder Assembly

REF	PART #	DESCRIPTION	COMMENTS
	J1504018	Collar Block Cylinder Assembly	Includes items 1 through 4
	J1537398	Collar Block Cylinder Assembly Repair Kit	Use to repair J1504018 Collar Block Cylinder Assembly; Kit contains 4 Viton O-Ring piston seals, 1 internal return spring and 1 snap ring
1	JA-50358	Screw	
2	J1484419	Collar Block Clevis	
3	J1000975	Washer	
4	J1484260	Collar Block Cylinder	

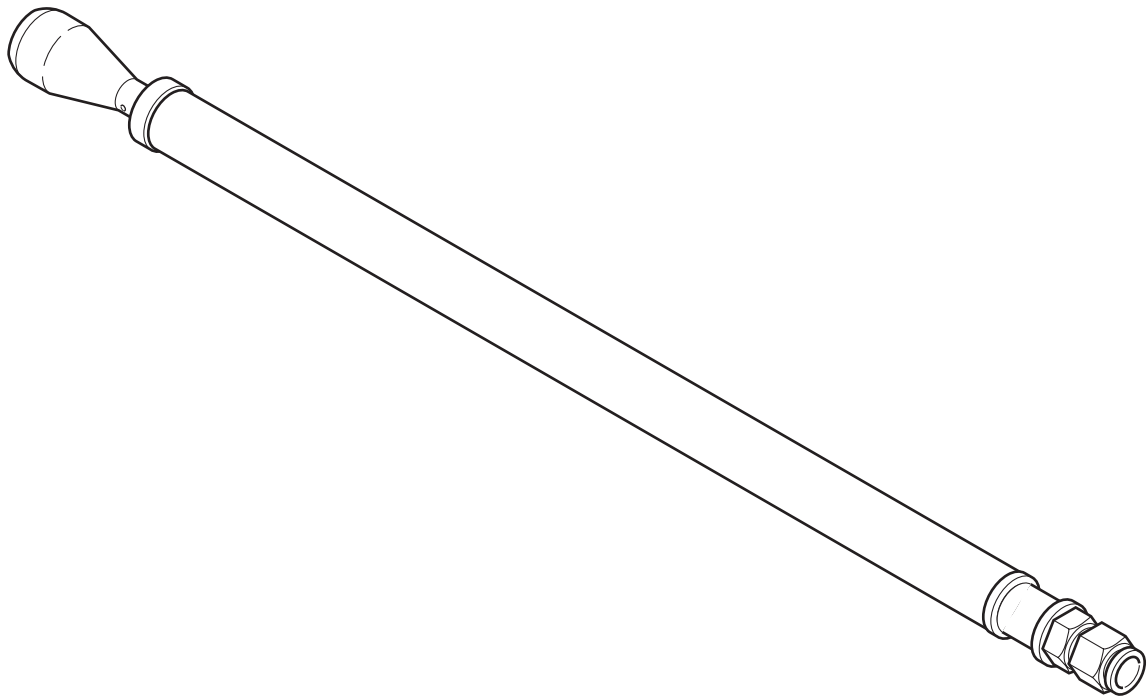
Sleeve Expander Assembly – Models Through October 7, 2003



Sleeve Expander Assembly – Models Through October 7, 2003

REF	PART NO.	DESCRIPTION	COMMENTS
	J1473107	Sleeve Expander	2 required; Includes items 1-13
	J1492867	Sleeve Expander	2 required; Includes items 1-13
1	J1467968	Sleeve Expander Knob	
2	J1473792	Front Bushing	
3	JA-53077	Spring	
4	JA-19785	Spacer	
5	JA-12217	Spring Separator	
6	JA-16120	Spacer	
7	JA-50932	Spring	
8	J1616408	Shaft and Piston Assembly	
9	J1473800	Piston Seal	U-Cup
10	J1151661	Compression Connector	
11	J1473776	Rear Bushing	
12	J1507342	Rear Head Spacer	
13	J1473784	Sleeve Expander Tube	

Sleeve Expander – Models Starting October 8, 2003

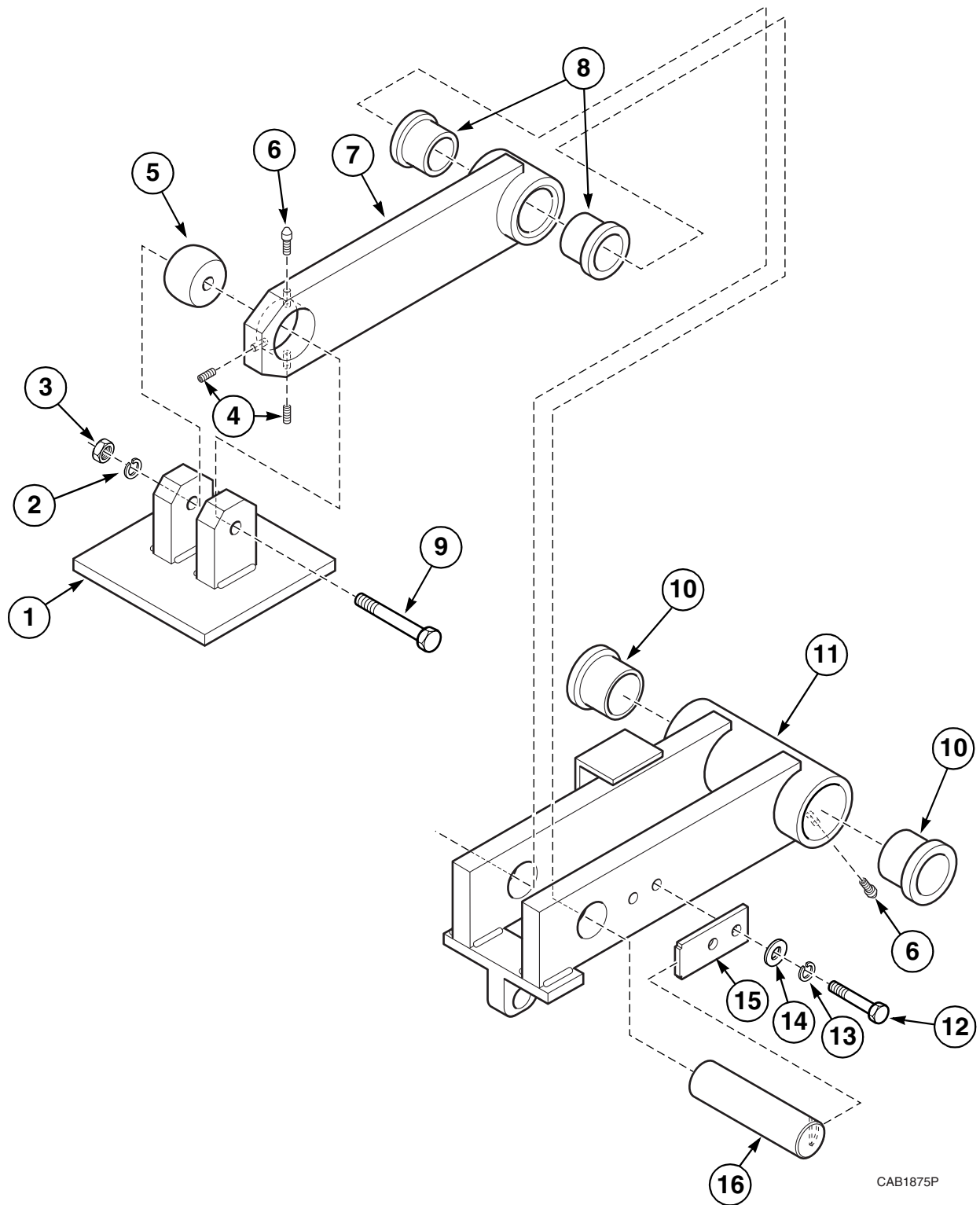


CAB2361P

Sleeve Expander – Models Starting October 8, 2003

REF	PART NO.	DESCRIPTION	COMMENTS
	J200055100	Sleeve Expander	2 required; 16 inch bucks; Not repairable
	J200055200	Sleeve Expander	2 required; 18 and 20 inch bucks; Not repairable

Front Head Close Toggle Assembly

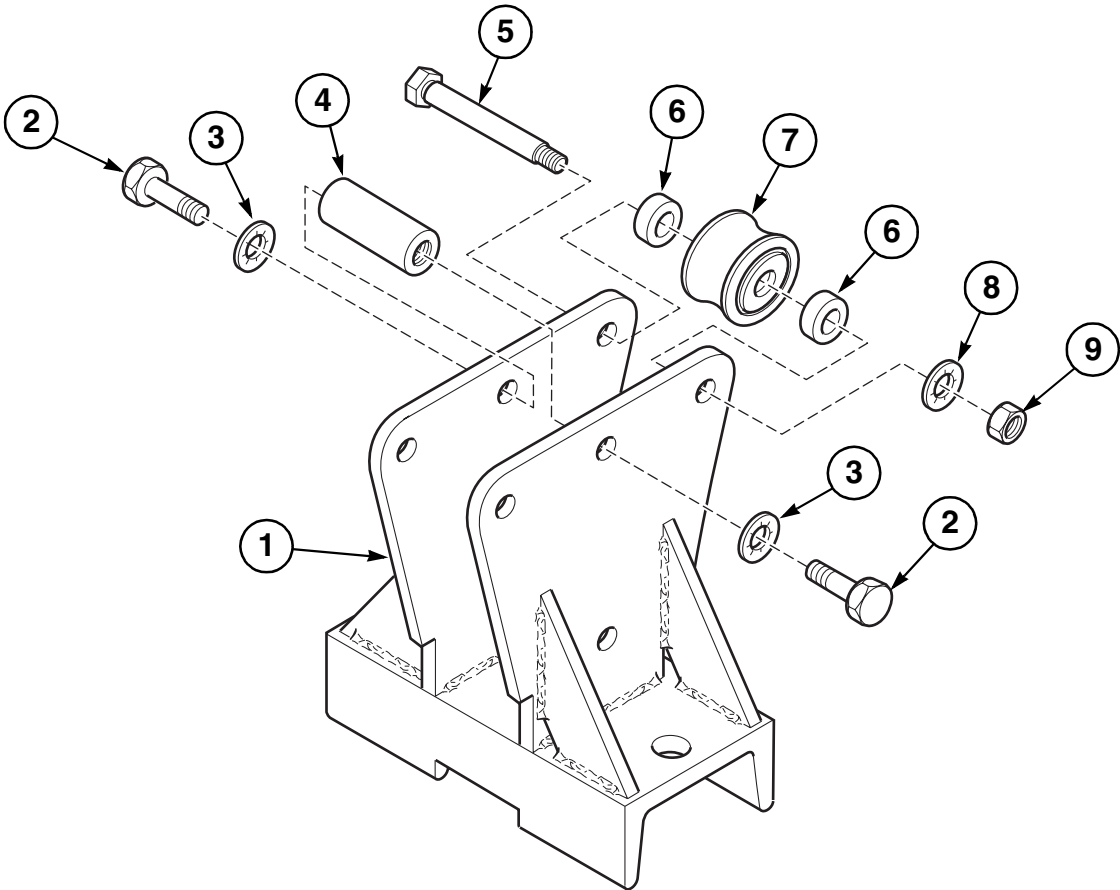


CAB1875P

Front Head Close Toggle Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J159468800	Front Head Close Toggle Assembly	Includes items 1-16
1	J200131100	Head Pivot Bracket Weldment	
2	91200	Washer	
3	J1000850	Nut	4 required
4	JC-63342	Screw	2 required
5	JA-55082	Spherical Bearing	
6	JC-30809	Straight Grease Fitting	2 required
7	J200136100	Toggle Arm Weldment	
8	J1262880	Oilless Flanged Bearing	2 required
9	JA-50197	Screw	
10	J1415553	Oilless Flanged Bearing	2 required
11	J200130400	Female Toggle Arm Weldment	
12	J1001726	Screw	2 required
13	J1185073	Washer	2 required
14	JC-80513	Washer	2 required
15	J154491501	Pivot Tab	
16	J1544907	Pivot Toggle Pin	

Roller Bracket Assembly

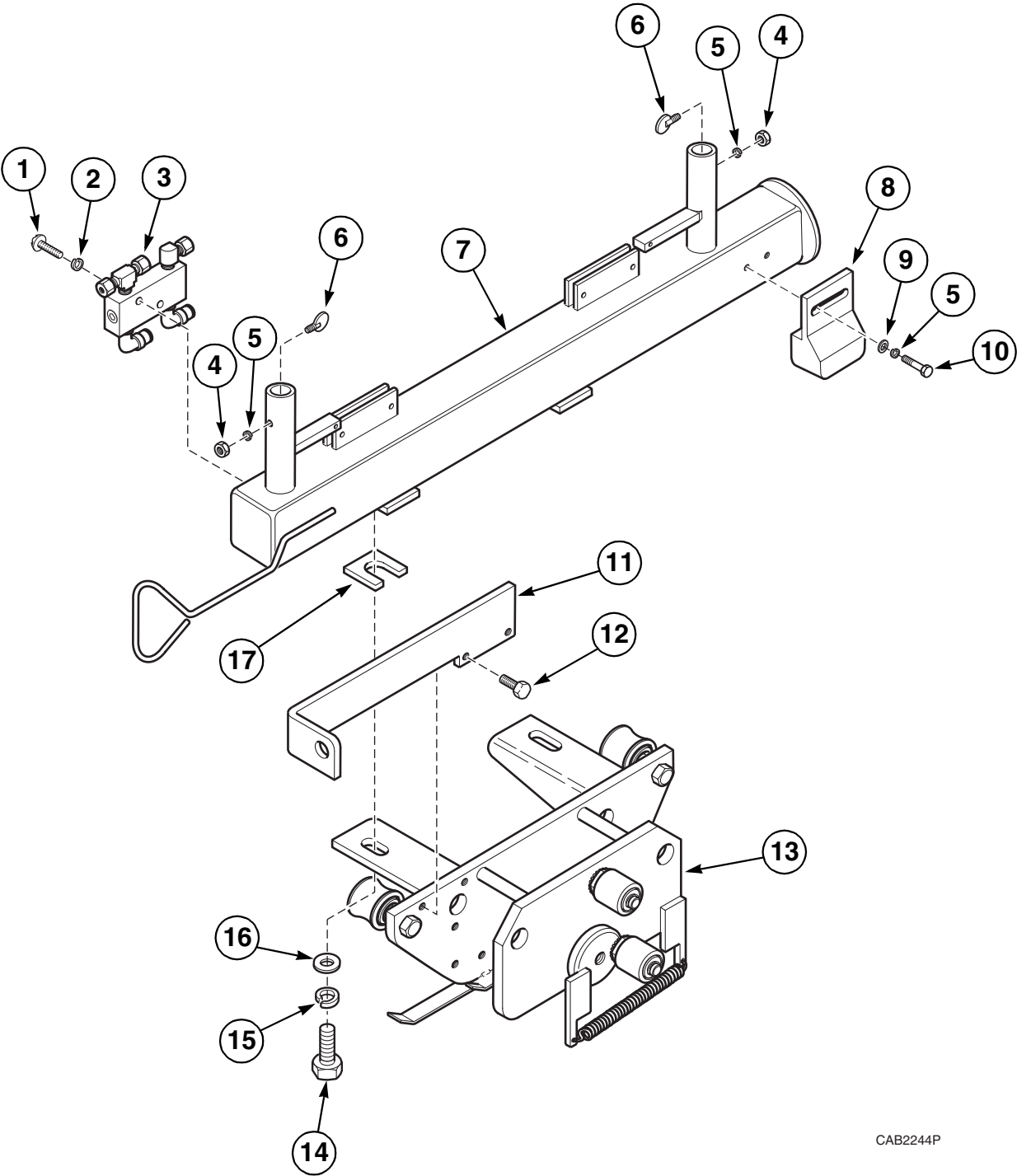


CAB2067P

Roller Bracket Assembly

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

Receiving Tube and Carriage Assembly

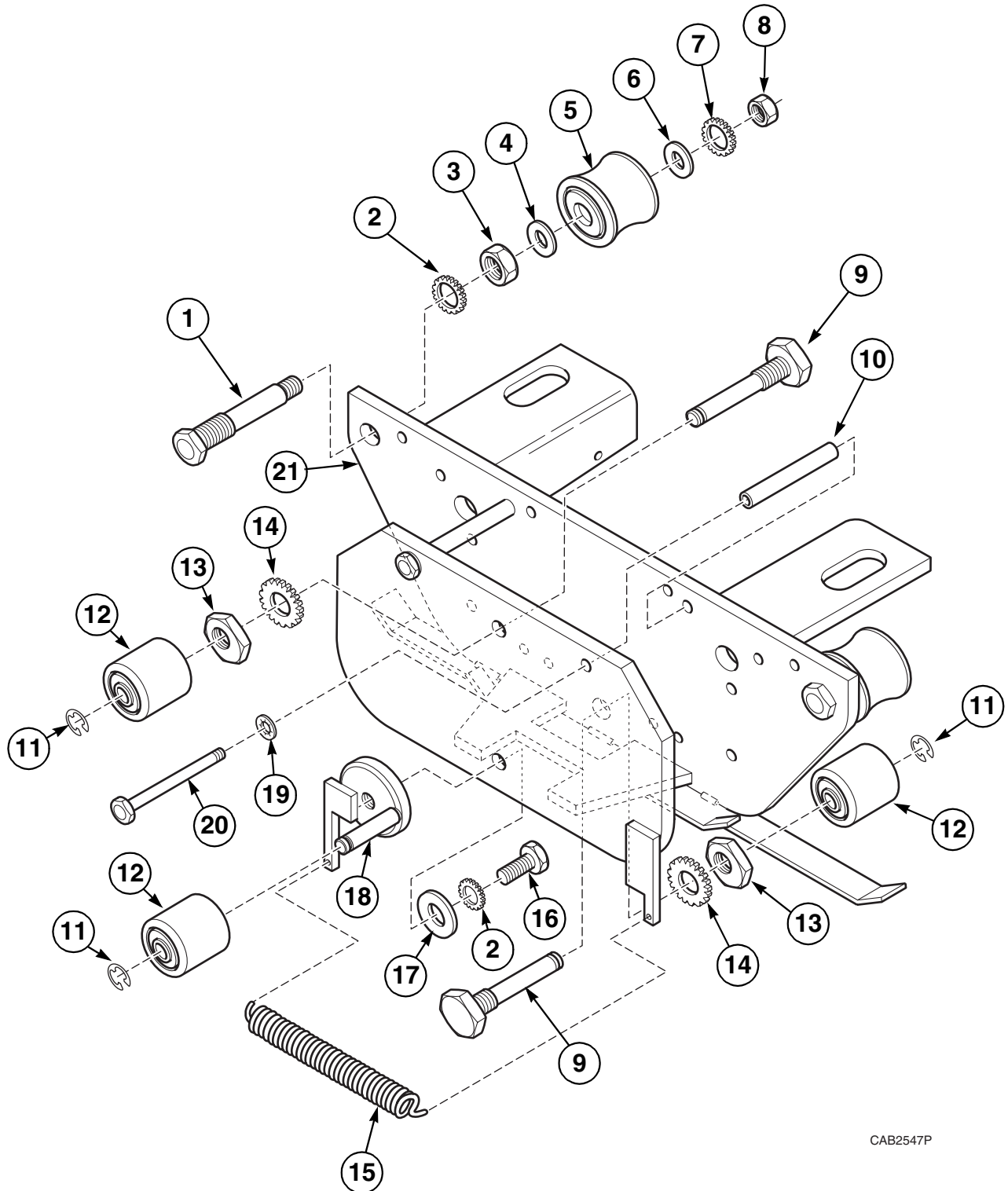


CAB2244P

Receiving Tube and Carriage Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J200000600	Front Receiving Tube and Carriage Assembly	Includes items 1-17
1	JC-61273	Screw	2 required
2	J1000975	Washer	2 required
3	J1473156	Air Manifold Assembly	Refer to <i>Air Manifold Assembly</i> section for parts breakdown
4	20275	Nut	2 required
5	J1185073	Washer	4 required
6	JA-04746	Butterfly Assembly	2 required
7	J1546084	Receiving Tube Weldment	
8	JA-23921	Switch Actuator Cam	
9	JC-80513	Washer	2 required
10	J1001726	Screw	2 required
11	J1613124	Cylinder Mounting Weldment	
12	F430907	Screw	2 required
13	J0637986-00	Front Carriage Assembly	Refer to <i>Front Carriage Assembly</i> section for parts breakdown
14	JA-50190	Screw	2 required
15	91200	Washer	2 required
16	JA-22689	Washer	2 required
17	JA-23390	Spacer	Use as required

Carriage Assembly

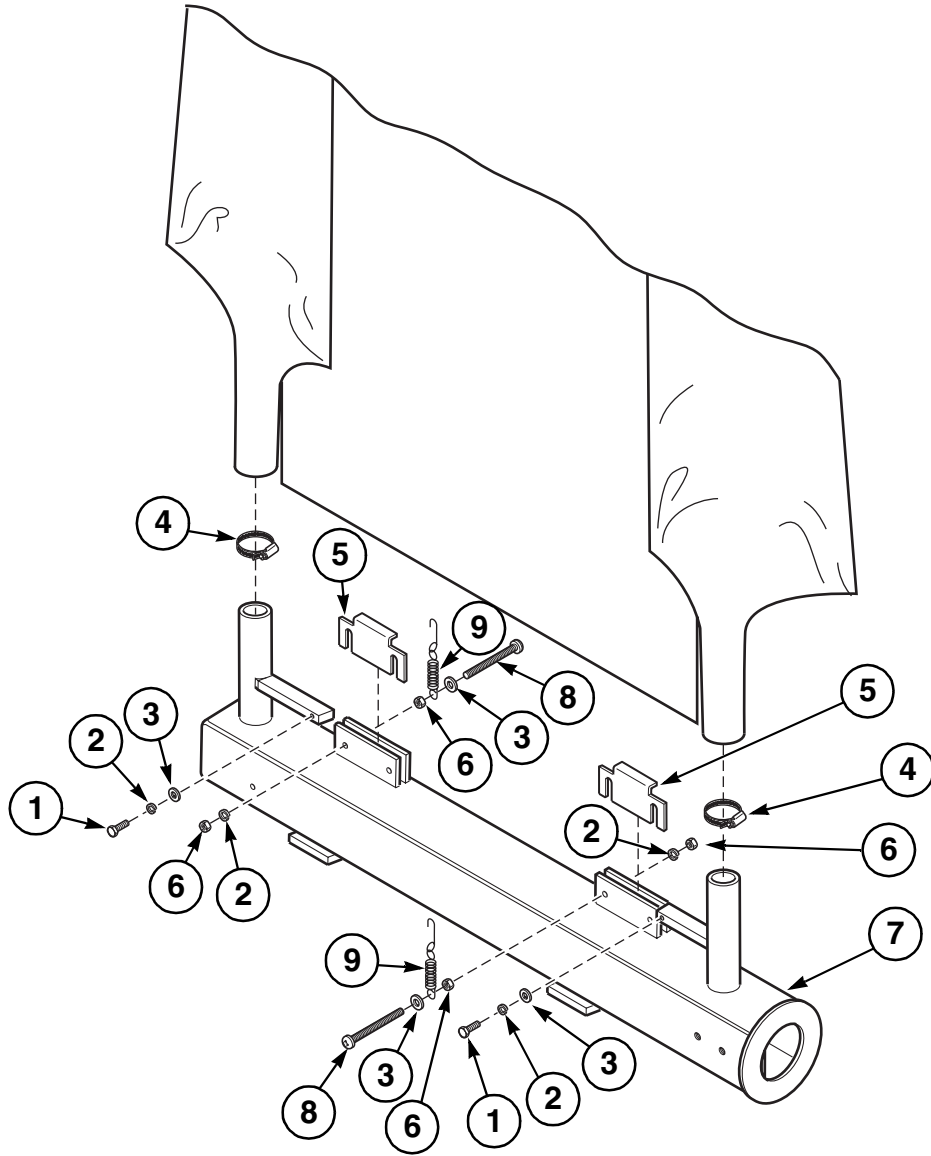


CAB2547P

Carriage Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J0637986-00	Front Carriage Assembly	Includes items 1-21
1	J1435791	Roller Locking Shaft	2 required
2	M403958	Washer	3 required
3	M400022	Nut	2 required
4	J1001304	Washer	2 required
5	JA-06318	Roller Assembly	Concave; 2 required
6	J1618990	Washer	2 required
7	JA-53985	Washer	2 required
8	20274	Nut	2 required
9	J1435809	Roller Adjusting Shaft	2 required
10	J1518315	Spacer	2 required
11	JA-53987	Retaining Ring	3 required
12	JA-09186	Flat Roller	3 required
13	J1435783	Nut	2 required
14	JA-53986	Washer	3 required
15	JA-51318	Spring	
16	JA-50148	Screw	
17	J1001338	Washer	
18	J1616044	Tensioner Weldment	
19	M400013	Washer	2 required
20	JA-55433	Screw	2 required
21	J0637984-00	Carriage Bracket Weldment	

Buck to Receiving Tube Assembly

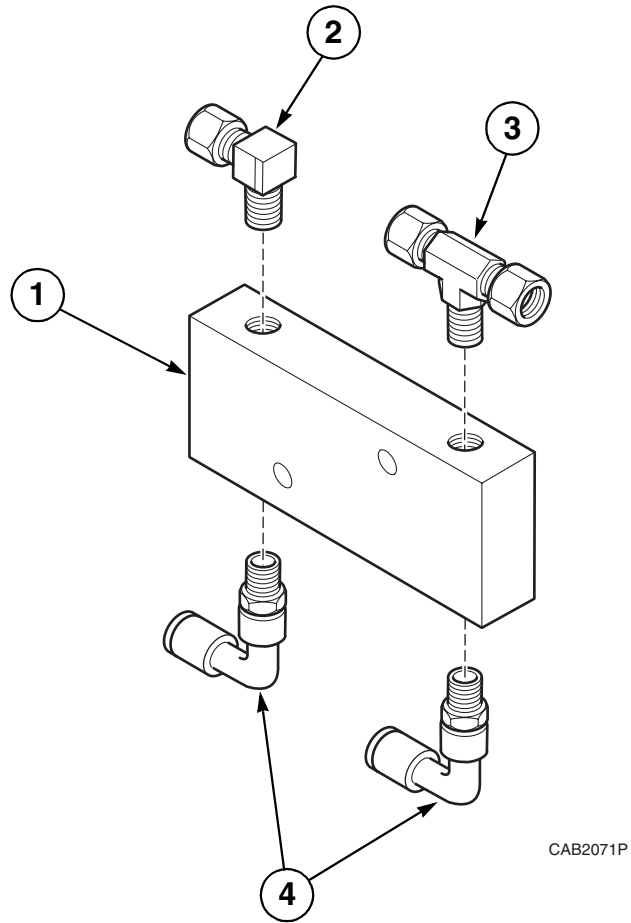


CAB2073P

Buck to Receiving Tube Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
1	JA-53020	Screw	2 required
2	J1185073	Washer	6 required
3	JC-80583	Washer	6 required
4	J1153865	Worm Gear Clamp	2 required
5	J200095300	Shim Sheet	2 required
6	20275	Nut	8 required
7	J200000600	Front Receiving Tube and Carriage Assembly	Refer to <i>Front Receiving Tube and Carriage Assembly</i> section for parts breakdown
8	JA-51557	Screw	4 required
9	JA-51399	Extension Spring	4 required

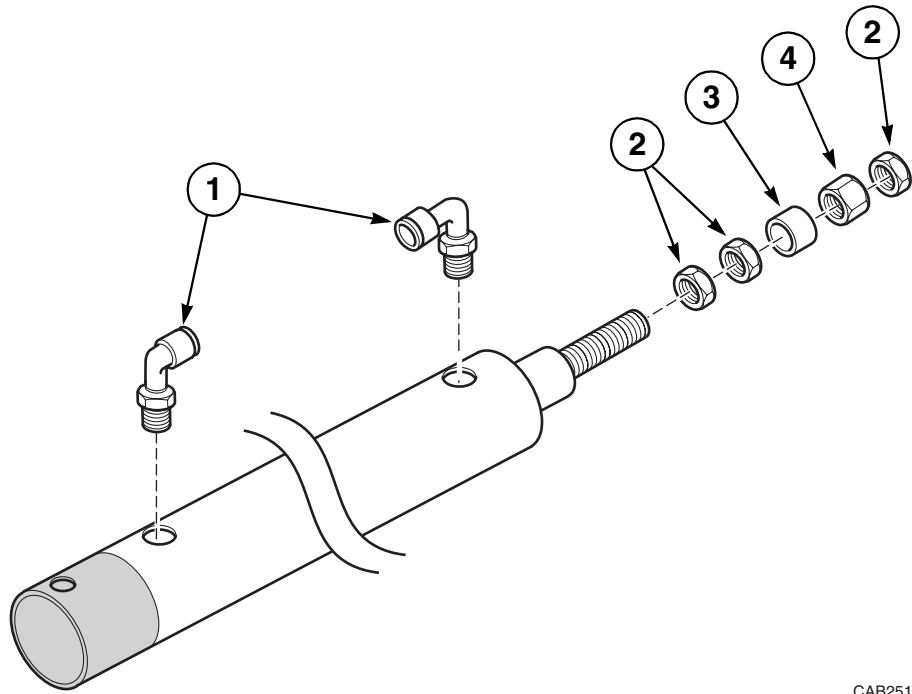
Air Manifold Assembly



Air Manifold Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1473156	Air Manifold Assembly	Includes items 1-4
1	J1618958	Manifold	
2	JA-50770	Male Compression Elbow	
3	JC-30734	Male Compression Tee	
4	J1407741	Swivel Tubing Elbow	2 required

Buck Index Cylinder Assembly

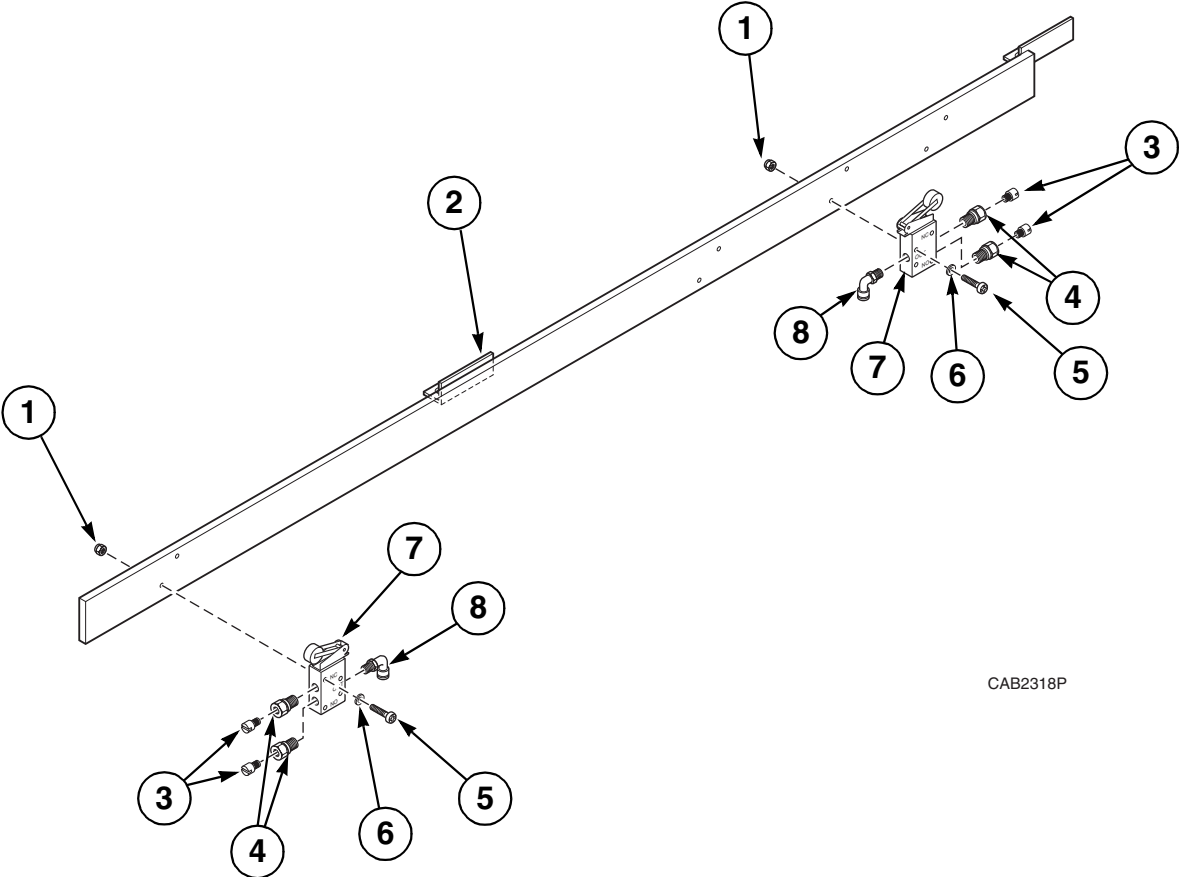


CAB2513P

Buck Index Cylinder Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J0637994-00	Buck Index Cylinder Assembly	Includes items 1-4
	J0250811-00	Cylinder Seal Kit	Use to repair cylinder
1	J1407741	Swivel Tubing Elbow	2 required
2	JA-51474	Nut	2 required
3	JA-15762	Bushing	
4	JC-48229	Nut	

Roller Support Assembly

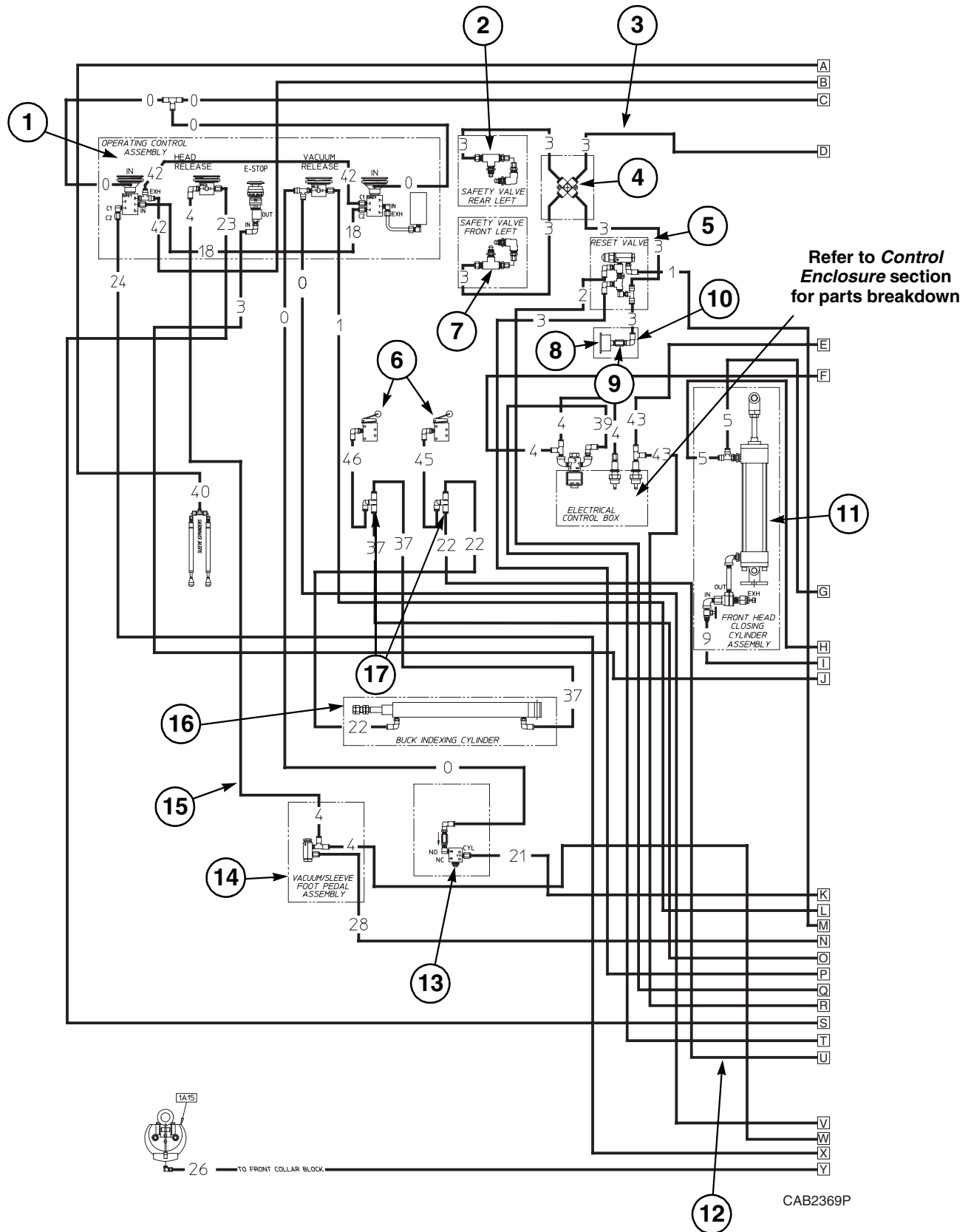


CAB2318P

Roller Support Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J200020301	Roller Support Assembly	Includes items 1-8
	J200020000	Roller Valve Assembly	2 required; Includes items 3-4 and 7-8
1	F430232	Nut	4 required
2	J200021400	Roller Mounting Weldment	
3	J1346105	Screw	4 required
4	J1358357	Male Adapter Bushing	4 required
5	J200055600	Screw	4 required
6	F431123	Washer	8 required
7	J200126800	Speed Change Valve	2 required
8	J1407741	Swivel Tubing Elbow	2 required

Air System – Models Through October 2004 (Drawing 1 of 2)

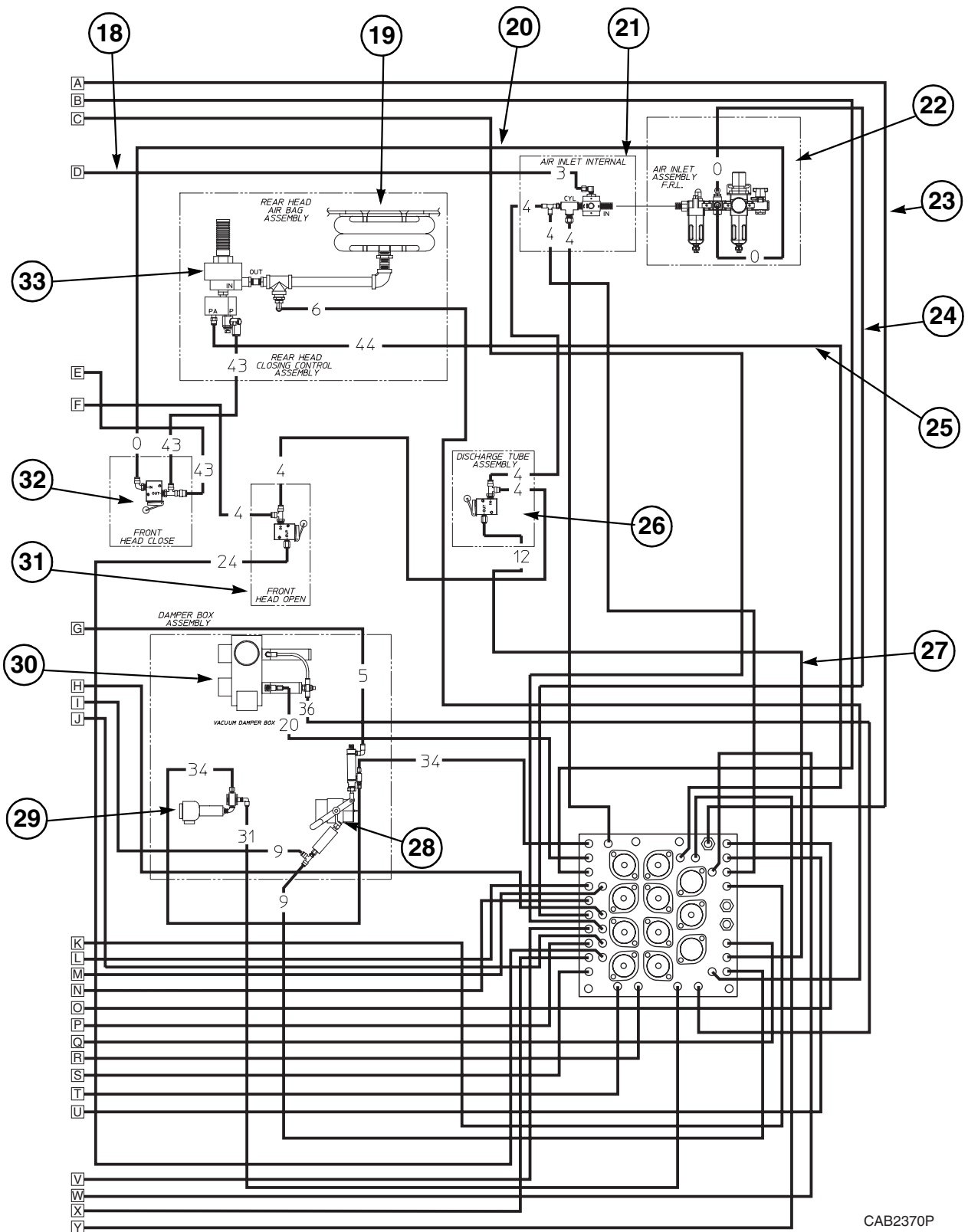


Air System – Models Through October 2004 (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J200096401	Control Panel Assembly	Refer to <i>Control Panel Assembly</i> section for parts breakdown
2	J1571058	Rear Left Safety Bar Bracket Assembly	Refer to <i>Rear Left Safety Bar Bracket Assembly</i> section for parts breakdown
3	JM-93516	Sleeve	6 feet required
4	J200054900	Cross Union	
5	J200054300	Reset Valve Assembly	Refer to <i>Reset Valve Assembly</i> section for parts breakdown
6	J200020000	Roller Valve Assembly	Refer to <i>Front Roller Support Assembly</i> section for parts breakdown
7	J1571041	Front Left Safety Bar Bracket Assembly	Refer to <i>Front Left Safety Bar Bracket Assembly</i> section for parts breakdown
8	J200128200	Pressure Gauge	
9	J1018571	Pipe Coupling	
10	JA-50770	Male Compression Elbow	
11	J200055700	Front Head Closing Cylinder Assembly	Refer to <i>Front Head Closing Cylinder Assembly</i> section for parts breakdown
12	J0141704-00	Tubing	Yellow; 1/4 inch OD; 30 feet required
13	J1485010	Valve Assembly	Refer to <i>Foot Pedal Collar Block Valve Assembly</i> section for parts breakdown
14	J1484682	Pedal Base and Valve Assembly	Refer to <i>Pedal Base and Valve Assembly</i> section for parts breakdown
15	J0141710-00	Tubing	Black; 1/4 inch OD; 72 feet required
16	J0637994-00	Buck Index Cylinder Assembly	Refer to <i>Buck Index Cylinder Assembly</i> section for parts breakdown
17	N/A	Quick Exhaust Valve Assembly	Refer to <i>Quick Exhaust Valve Assembly</i> section for parts breakdown; Models through February 2004
	J200102400	Quick Exhaust Valve	Models starting February 2004

N/A = Part no longer available

Air System – Models Through October 2004 (Drawing 2 of 2)

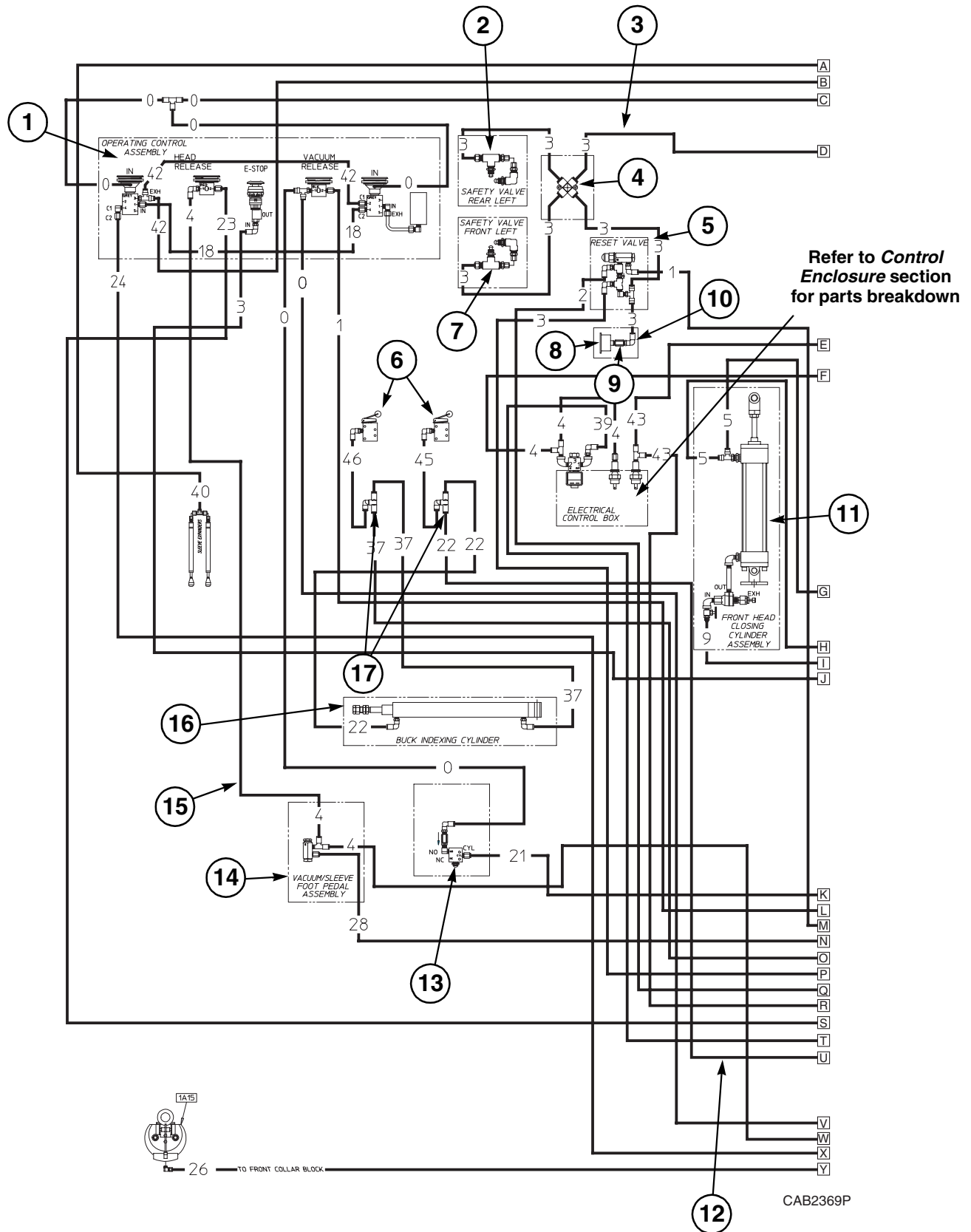


CAB2370P

Air System – Models Through October 2004 (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
18	J0141708-00	Tubing	Reg; 1/4 inch OD
19	J200012800	Head Air Bag Assembly	Refer to <i>Head Air Bag Assembly</i> section for parts breakdown
20	J0141711-00	Tubing	3/8 inch OD; black; 10 feet required
21	J200055500	Air Inlet Assembly	Refer to <i>Air Inlet Assembly</i> section for parts breakdown
22	J200273800	External Air Inlet Assembly	Refer to <i>External Air Inlet Assembly</i> section for parts breakdown
23	J1103970-00	Tubing	Blue; 1/4 inch OD
24	J0141705-00	Tubing	Gray; 1/4 inch OD
25	J0141701-00	Tubing	Neon green; 1/4 inch OD
26	J200001300	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
27	J0141706-00	Tubing	Purple; 1/4 inch OD
28	J200044100	Butterfly Valve Assembly	Refer to <i>Butterfly Valve Assembly</i> section for parts breakdown
29	J200053300	Low Pressure Valve Assembly	Refer to <i>Low Pressure Valve Assembly</i> section for parts breakdown
30	J148176101	Damper Assembly	Refer to <i>Damper Assembly</i> section for parts breakdown
31	J200002300	Valve and Bracket Assembly	Refer to <i>Valve and Bracket Assembly</i> section for parts breakdown
32	J200024700	Valve and Bracket Assembly	Refer to <i>Valve and Bracket Assembly</i> section for parts breakdown
33	J200012900	Rear Head Closing Cylinder Assembly	Refer to <i>Rear Head Closing Cylinder Assembly</i> section for parts breakdown

Air System – Models Starting November 2004 (Drawing 1 of 2)

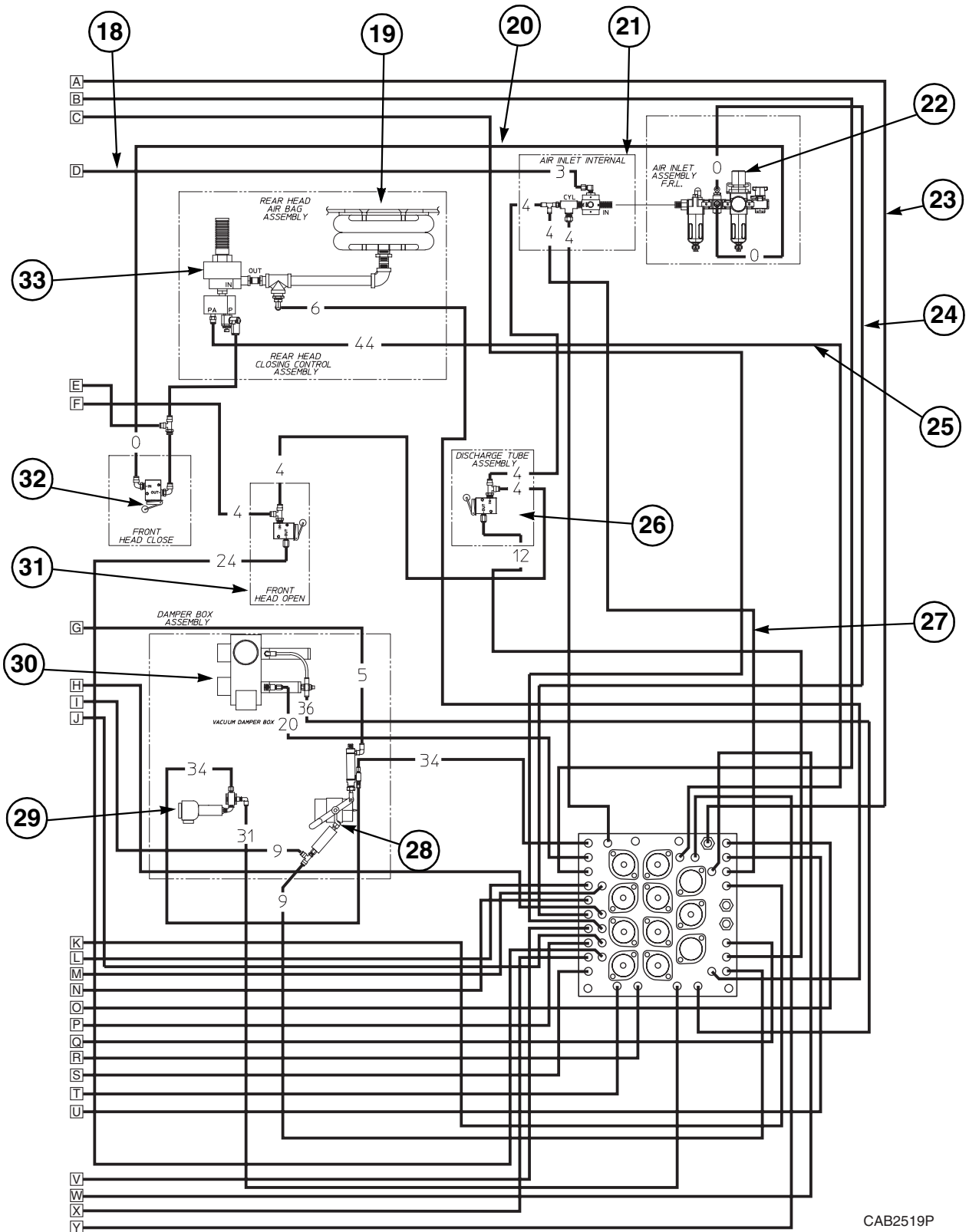


Air System – Models Starting November 2004 (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J200096401	Control Panel Assembly	Refer to <i>Control Panel Assembly</i> section for parts breakdown
2	J1571058	Rear Left Safety Bar Bracket Assembly	Refer to <i>Rear Left Safety Bar Bracket Assembly</i> section for parts breakdown
3	JM-93516	Sleeve	6 feet required
4	J200054900	Cross Union	
5	J200054300	Reset Valve Assembly	Refer to <i>Reset Valve Assembly</i> section for parts breakdown
6	J200020000	Roller Valve Assembly	Refer to <i>Front Roller Support Assembly</i> section for parts breakdown
7	J1571041	Front Left Safety Bar Bracket Assembly	Refer to <i>Front Left Safety Bar Bracket Assembly</i> section for parts breakdown
8	J200128200	Pressure Gauge	
9	J1018571	Pipe Coupling	
10	JA-50770	Male Compression Elbow	
11	J200055700	Front Head Closing Cylinder Assembly	Refer to <i>Front Head Closing Cylinder Assembly</i> section for parts breakdown
12	J0141704-00	Tubing	Yellow; 1/4 inch OD
13	J1485010	Valve Assembly	Refer to <i>Foot Pedal Collar Block Valve Assembly</i> section for parts breakdown
14	J1484682	Pedal Base and Valve Assembly	Refer to <i>Pedal Base and Valve Assembly</i> section for parts breakdown
15	J0141710-00	Tubing	Black; 1/4 inch OD
16	J0637994-00	Buck Index Cylinder Assembly	Refer to <i>Buck Index Cylinder Assembly</i> section for parts breakdown
17	N/A	Quick Exhaust Valve Assembly	Refer to <i>Quick Exhaust Valve Assembly</i> section for parts breakdown; Models through February 2004
	J200102400	Quick Exhaust Valve	Models starting February 2004

N/A = Part no longer available

Air System – Models Starting November 2004 (Drawing 2 of 2)

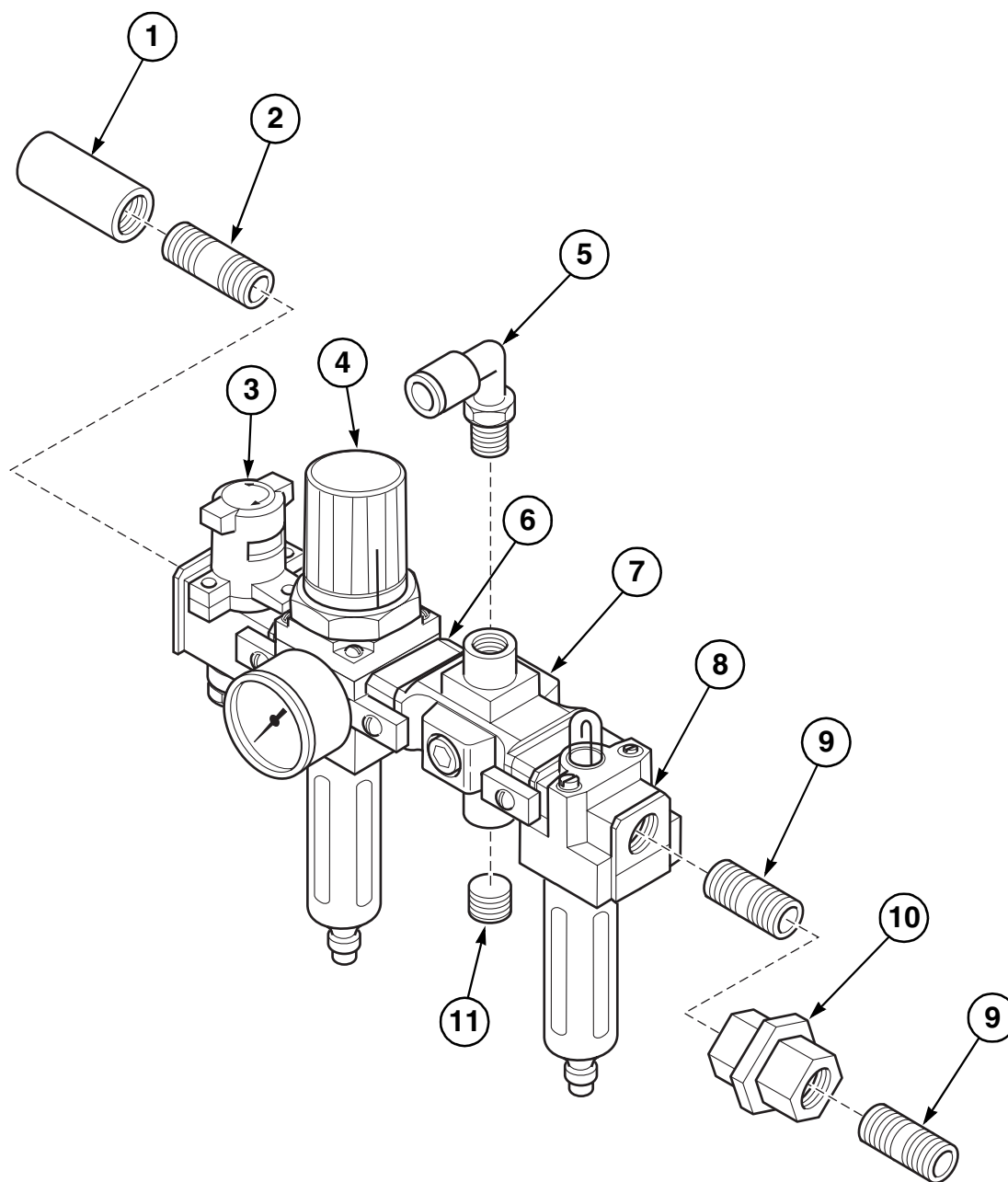


CAB2519P

Air System – Models Starting November 2004 (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
18	J0141708-00	Tubing	Reg; 1/4 inch OD
19	J200012800	Head Air Bag Assembly	Refer to <i>Head Air Bag Assembly</i> section for parts breakdown
20	J0141711-00	Tubing	3/8 inch OD; black; 10 feet required
21	J200055500	Air Inlet Assembly	Refer to <i>Air Inlet Assembly</i> section for parts breakdown
22	J200273800	External Air Inlet Assembly	Refer to <i>External Air Inlet Assembly</i> section for parts breakdown
23	J1103970-00	Tubing	Blue; 1/4 inch OD
24	J0141705-00	Tubing	Gray; 1/4 inch OD
25	J0141701-00	Tubing	Neon green; 1/4 inch OD
26	J200001300	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
27	J0141706-00	Tubing	Purple; 1/4 inch OD
28	J200044100	Butterfly Valve Assembly	Refer to <i>Butterfly Valve Assembly</i> section for parts breakdown
29	J200053300	Low Pressure Valve Assembly	Refer to <i>Low Pressure Valve Assembly</i> section for parts breakdown
30	J148176101	Damper Assembly	Refer to <i>Damper Assembly</i> section for parts breakdown
31	J200002300	Valve and Bracket Assembly	Refer to <i>Valve and Bracket Assembly</i> section for parts breakdown
32	J200024700	Valve and Bracket Assembly	Refer to <i>Valve and Bracket Assembly</i> section for parts breakdown
33	J200012900	Rear Head Closing Cylinder Assembly	Refer to <i>Rear Head Closing Cylinder Assembly</i> section for parts breakdown

External Air Inlet Assembly – Models Through December 1, 2004

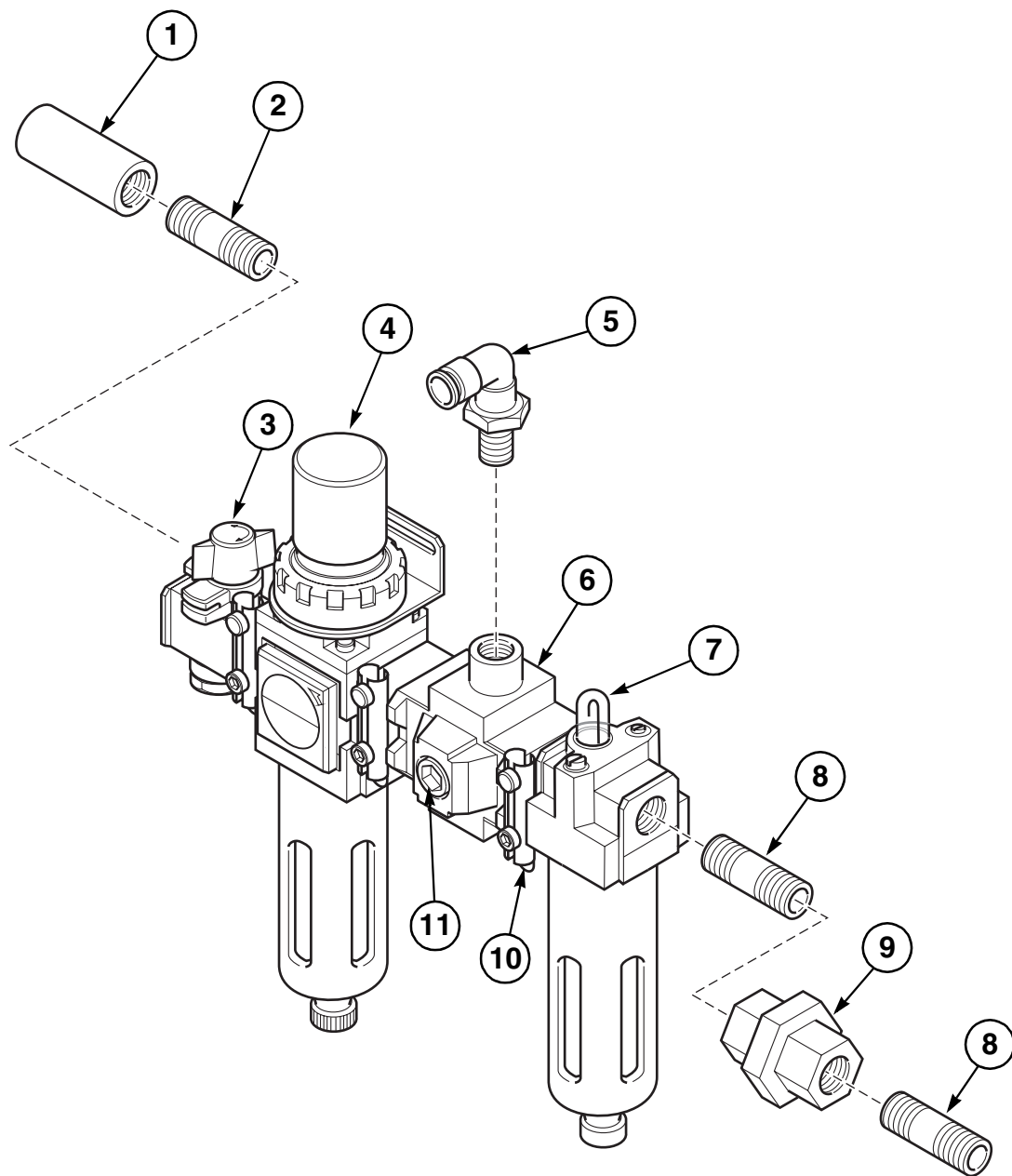


CAB2168P

External Air Inlet Assembly – Models Through December 1, 2004

REF	PART NO.	DESCRIPTION	COMMENTS
	J200273800	External Air Inlet Assembly	Includes items 1-11
	J0270328-00P	Filter/Regulator/Lubricator Assembly	Includes items 3-8 and 11
	J200032100	Filter Kit	
	J200032200	Regulator Kit	
	J1637644	Filter/Regulator Auto Drain Kit	
	J200032400	Lubricator Kit	
1	J100744201	Pipe Coupling	
2	JA-5706401	Pipe Nipple	
3	J1557503	Lock-Out Valve	
4	J0270327-00	Filter/Regulator	
5	J1410323	Male Tubing Elbow	
6	J1571413	Spacer	3 required
7	J0432327-00	Cross Spacer	
8	J0550000-00	Lubricator	
9	J115175201	Pipe Nipple	2 required
10	JC-7601201	Pipe Union	
11	JA-53076	Pipe Plug	

Filter/Regulator/Lubricator Assembly – Models Starting December 2, 2004 Through February 9, 2005

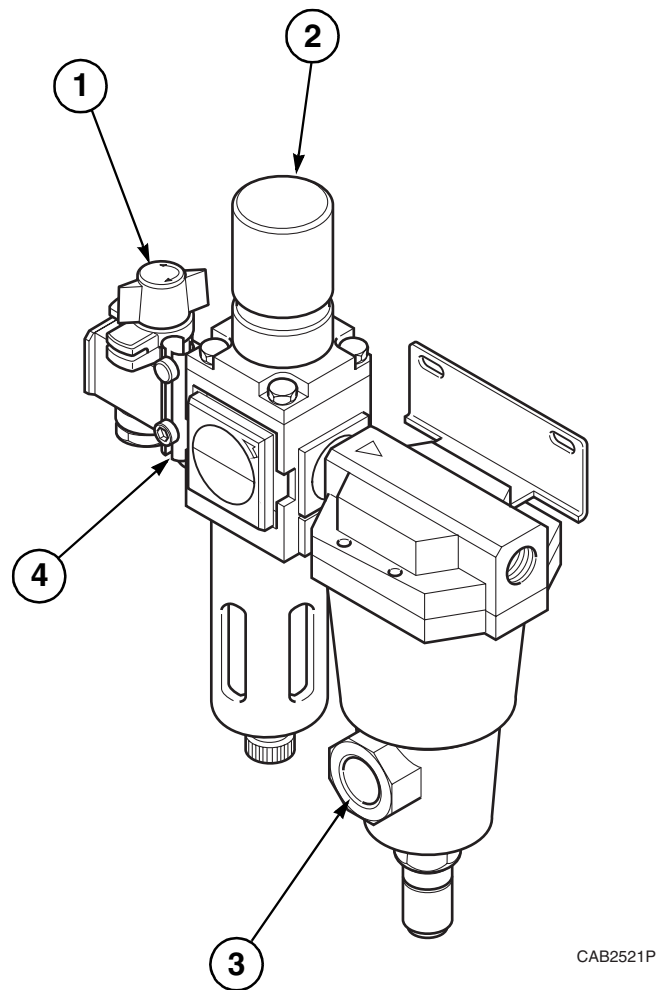


CAB2501P

Filter/Regulator/Lubricator Assembly – Models Starting December 2, 2004 Through February 9, 2005

REF	PART NO.	DESCRIPTION	COMMENTS
	J200127400	Filter/Regulator/Lubricator Assembly	Includes items 3-7, 10 and 11
	J200032100	Filter Kit	
	J200032200	Regulator Kit	
	J1637644	Filter/Regulator Auto Drain Kit	
	J200032400	Lubricator Kit	
1	JC-23002	Pipe Coupling	
2	JC-4606101	Pipe Nipple	
3	J200179000	Lock-Out Valve	
4	J200201000	Filter/Regulator Assembly	
5	J1419811	Swivel Tubing Elbow	
6	J200179400	Cross Spacer	
7	J200200000	Mist Separator	
8	J115175201	Pipe Nipple	2 required
9	JC-7601201	Pipe Union	
10	J200179300	Connector Assembly	3 required
11	JA-54394	Pipe Plug	3 required

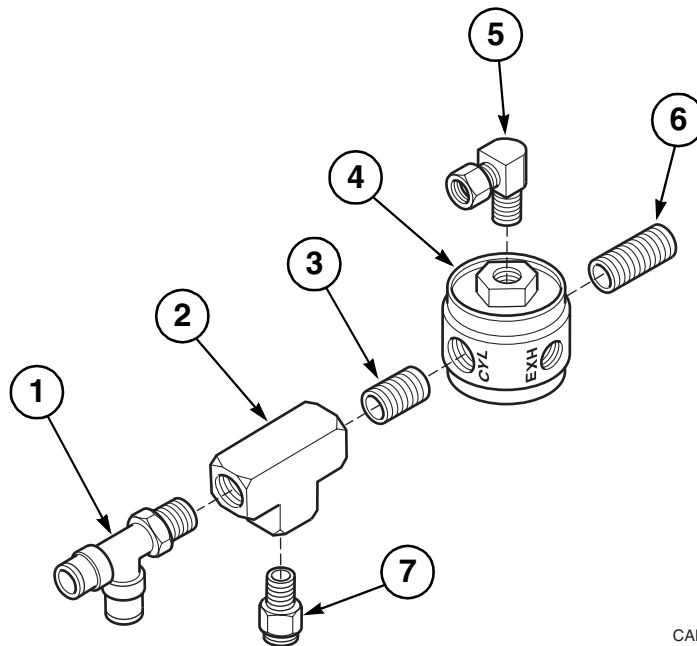
Filter/Regulator/Mist Separator Assembly – Models Starting February 10, 2005



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

REF	PART NO.	DESCRIPTION	COMMENTS
	J200200300	Filter/Regulator/Mist Separator Assembly	Includes items 1-4
	J200200100	Element Replacement Kit	Use with item 3
	J200203300	Filter Element Kit	Use with item 2
1	J200179000	Lock-Out Valve	
2	J200201000	Filter/Regulator Assembly	
3	J200199900	Mist Separator	
4	J200179300	Connector Assembly	

Air Inlet Assembly – Models Through April 26, 2005

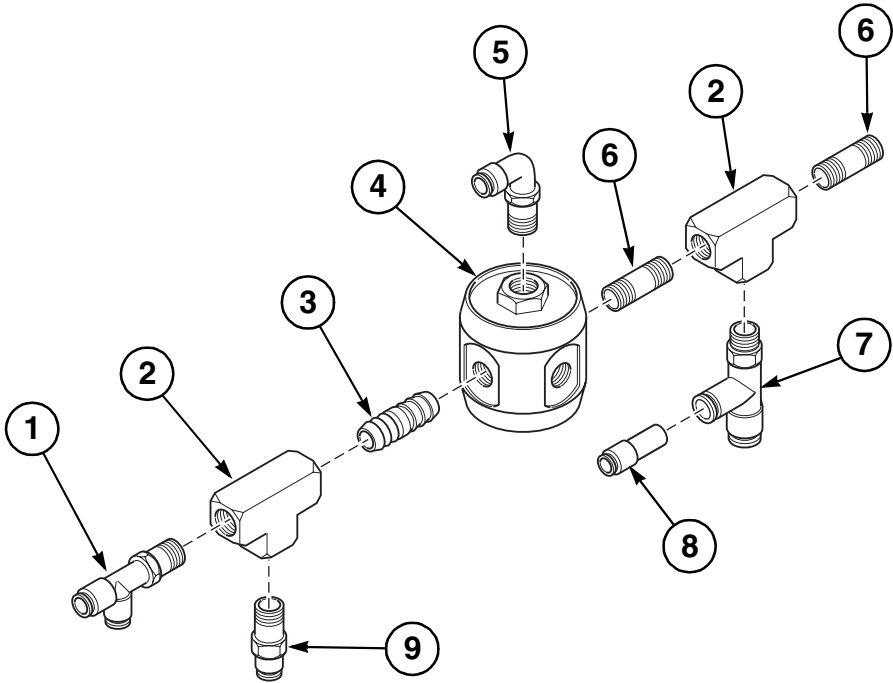


CAB2086P

Air Inlet Assembly – Models Through April 26, 2005

REF	PART NO.	DESCRIPTION	COMMENTS
	J200055500	Air Inlet Assembly	Includes items 1-7
	JA-54069	Valve Kit	Use with item 4
1	J200010800	Male Run Tee	
2	J1188242	Pipe Tee	
3	J115175201	Pipe Nipple	
4	JA-53550	3-Way Dump Valve	250AA; Use JA-54069 Valve Kit
5	J1407741	Swivel Tubing Elbow	
6	J1026335-01	Pipe Nipple	
7	J1463835-00	Quick Tubing Connector	

Air Inlet Assembly – Models Starting April 27, 2005

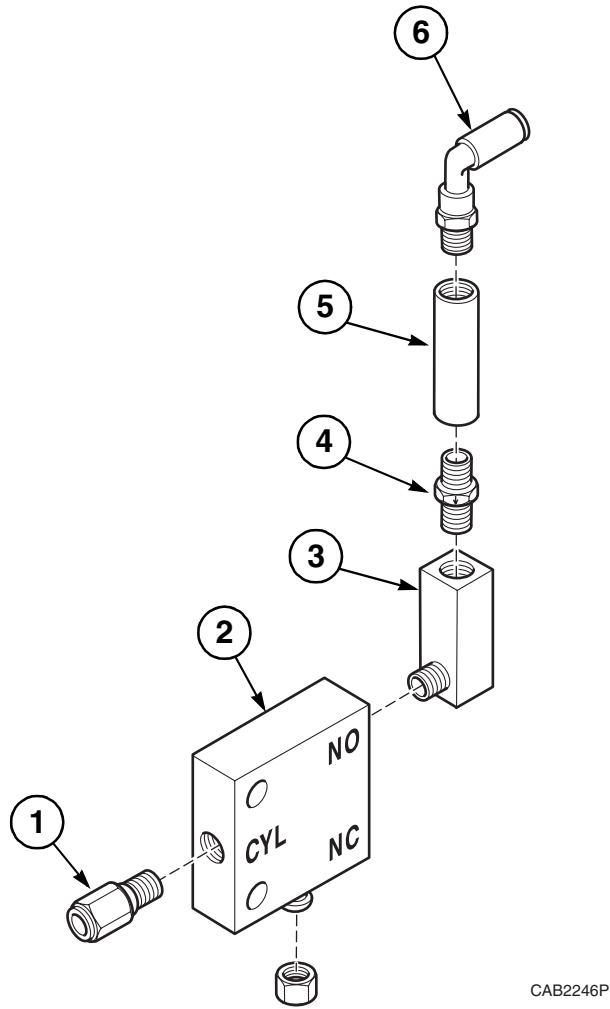


CAB2542P

Air Inlet Assembly – Models Starting April 27, 2005

REF	PART NO.	DESCRIPTION	COMMENTS
	J200055500	Air Inlet Assembly	Includes items 1-9
	JA-54069	Valve Kit	Use with item 4
1	J200010800	Male Run Tee	
2	J1188242	Pipe Tee	2 required
3	J115175201	Pipe Nipple	
4	JA-53550	3-Way Dump Valve	250AA; Use JA-54069 Valve Kit
5	J1407741	Swivel Tubing Elbow	
6	J1026335-01	Pipe Nipple	2 required
7	J0260207-00	Male Run Tee	
8	J0260213-00	Plug-In Reducer	
9	J1463835-00	Quick Tubing Connector	

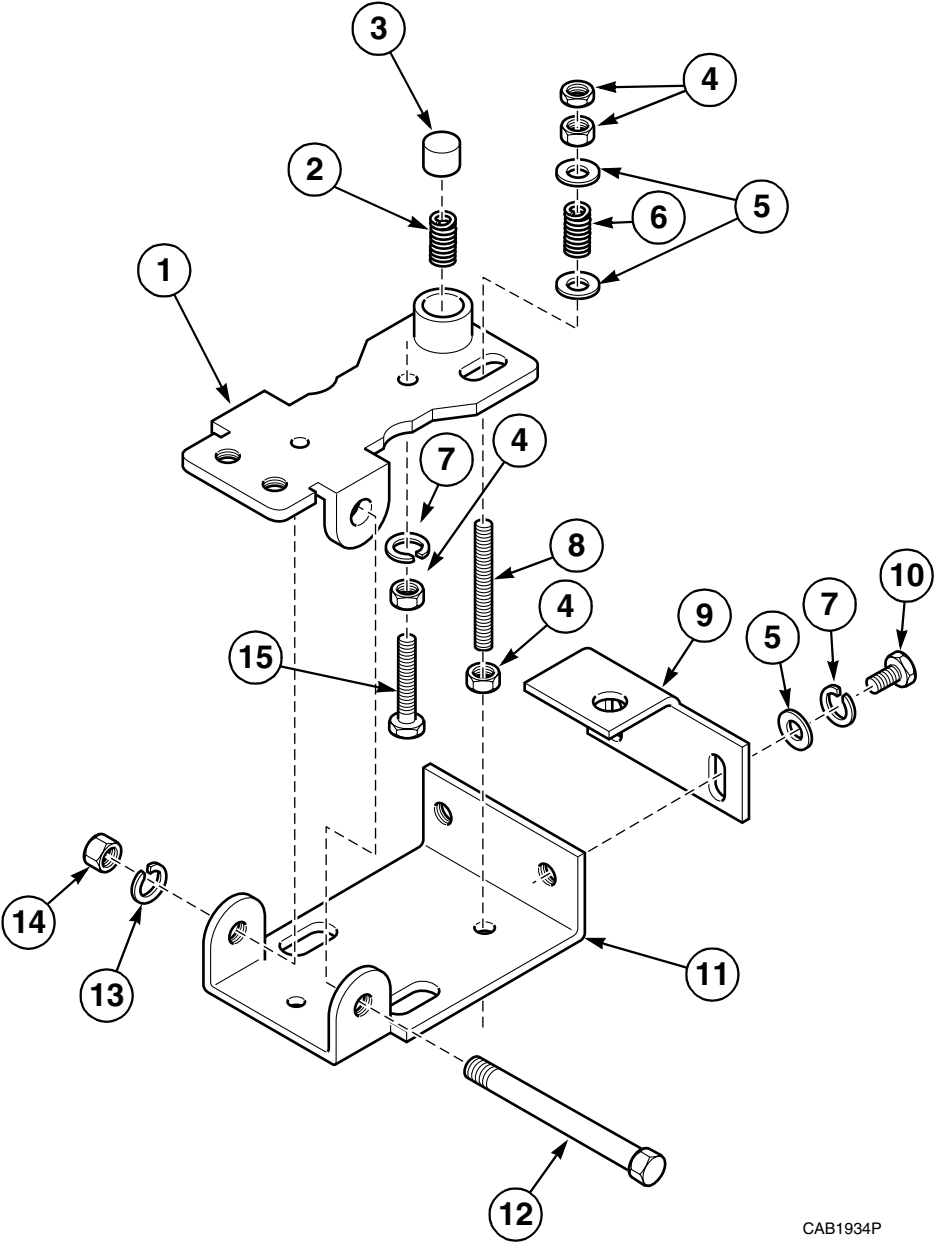
Foot Pedal and Collar Block Valve Assembly



Foot Pedal Collar Block Valve Assembly

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

Pedal Base Assembly

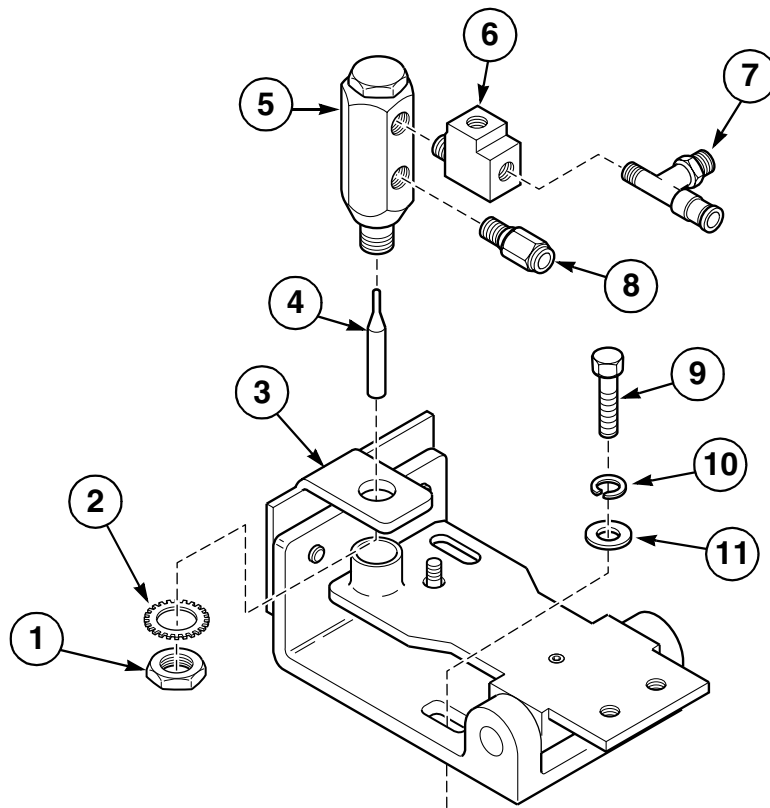


CAB1934P

Pedal Base Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1484930	Pedal Base Assembly	Includes items 1-15
1	J1387778	Pedal Bracket Weldment	Top
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

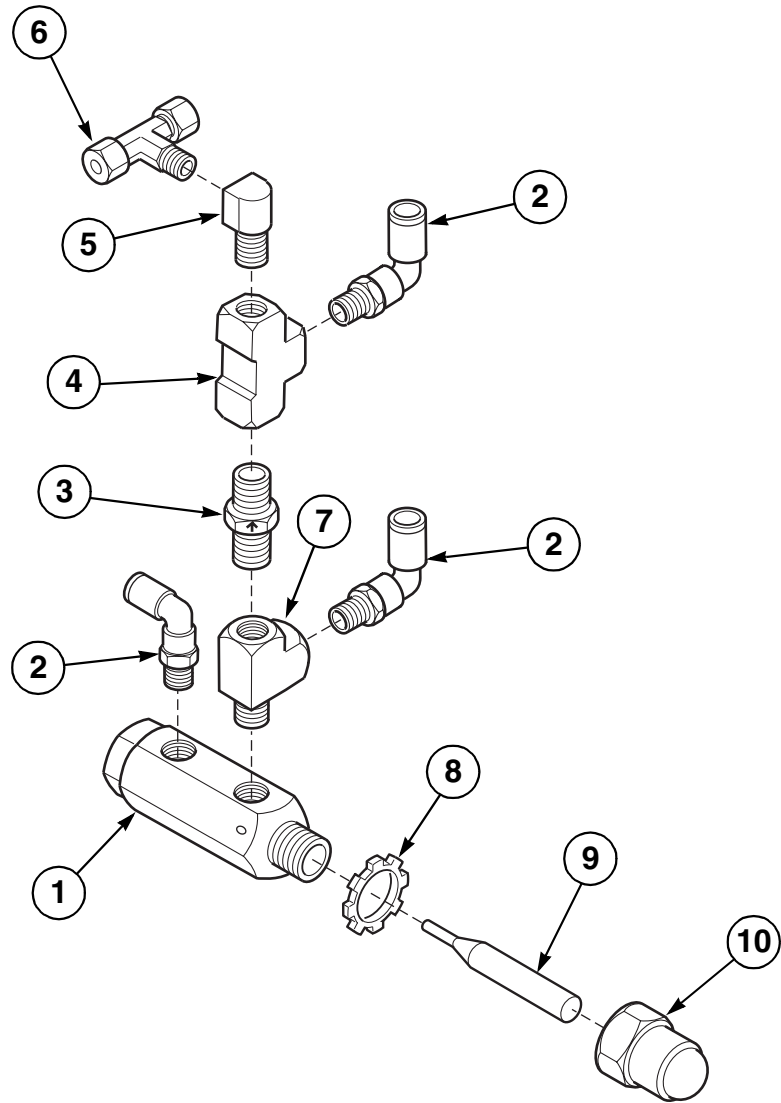


CAB2543P

Pedal Base and Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1484682	Pedal Base and Valve Assembly	Includes items 1-8
1	JA-51474	Nut	
2	JA-52196	Washer	
3	J1484930	Pedal Base Assembly	Refer to <i>Pedal Base Assembly</i> section for parts breakdown
4	J1611417	Valve Stem Assembly	
5	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown
6	JC-30541	Street Pipe Tee	
7	J1438357	Quick Tubing Tee	
8	J1408004	Connector	
9	M400043	Screw	2 required
10	M400014	Washer	2 required
11	M400081	Washer	2 required

Reset Valve Assembly

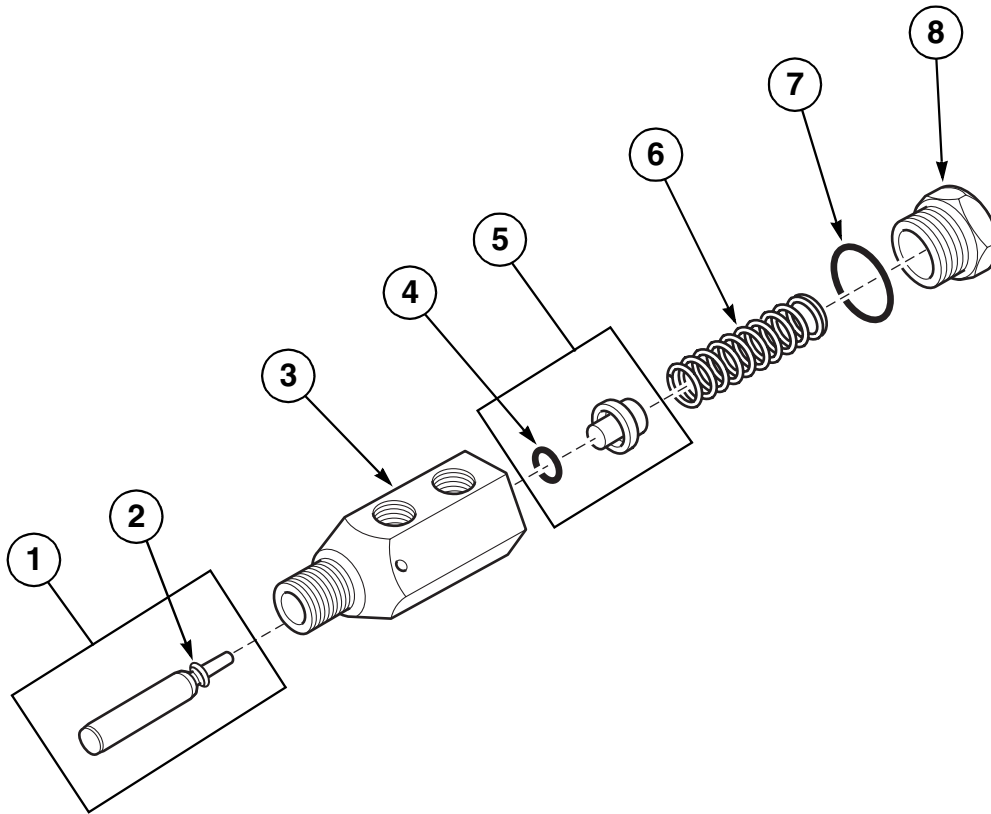


CAB2088P

Reset Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J200054300	Reset Valve Assembly	Includes items 1-10
1	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown
2	J1407741	Swivel Tubing Elbow	3 required
3	JA-54042	Check Valve	
4	JC-70613	Pipe Tee	
5	JC-28317	Street Pipe Elbow	
6	J1437029	Quick Tubing Tee	
7	JC-30541	Street Pipe Tee	
8	JA-52196	Washer	
9	J1611417	Valve Stem Assembly	
10	JA-00397	Pushbutton Assembly	

Valve Body Assembly

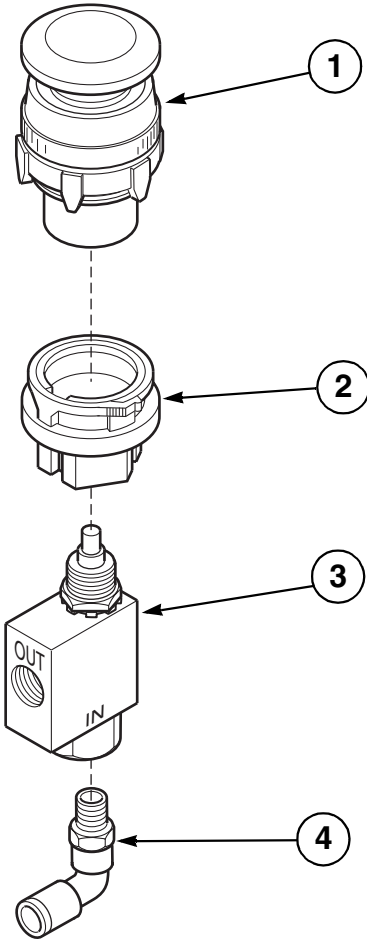


SCR1842P

Valve Body Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-06430	Valve Body Assembly	Includes items 3-8
1	J1611417	Valve Stem Assembly	Includes item 2
2	J1403310	O-Ring	
3	JA-10514	Valve Body	
4	J1403310	O-Ring	Viton
5	JA-11599	Valve	Includes item 4
6	JA-51336	Compression Spring	
7	JC-57441	O-Ring	
8	JA-10515	Valve Cap	

Emergency Stop Button Assembly

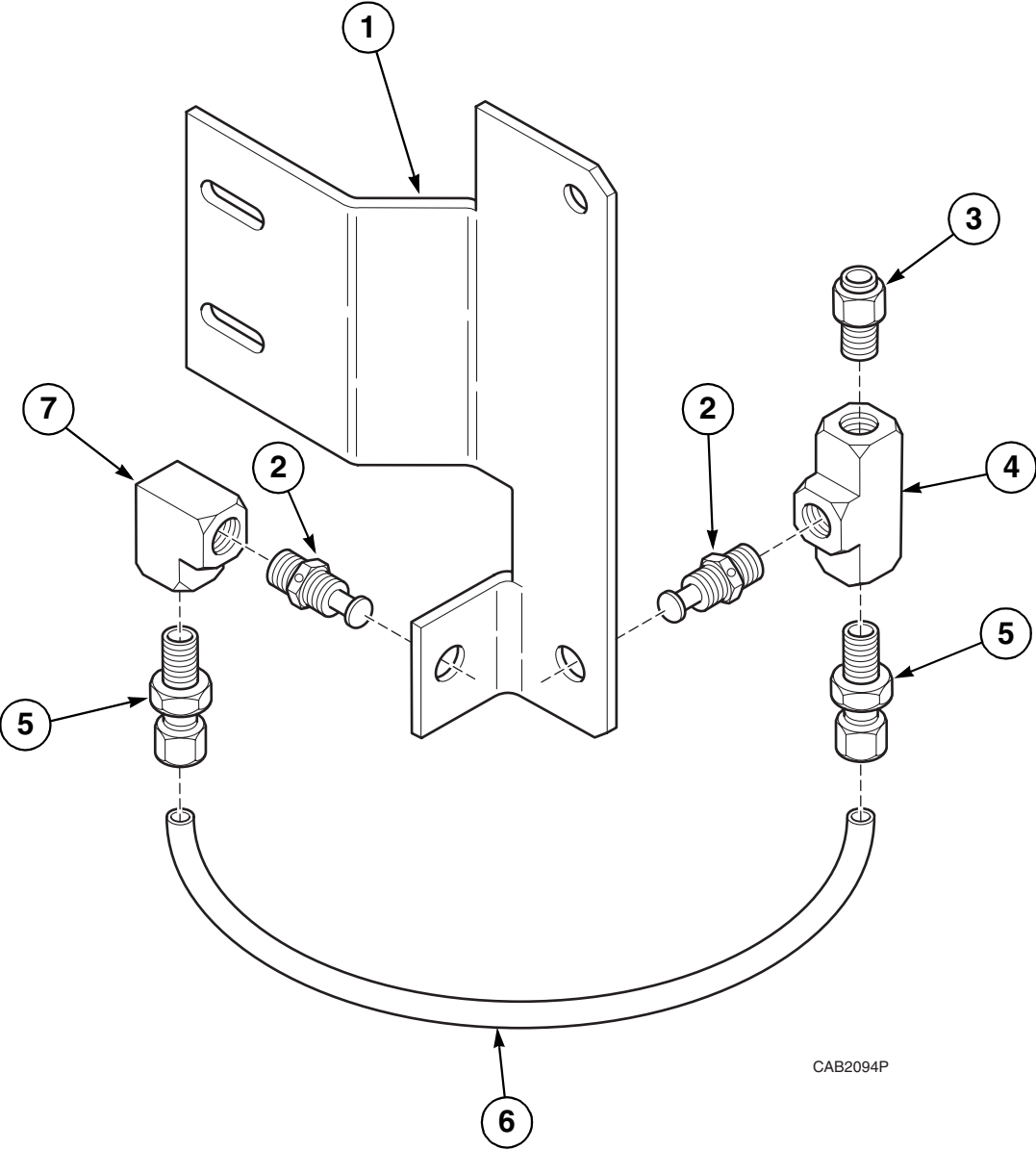


CAB2130P

Emergency Stop Button Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1635069	Emergency Stop Button Assembly	Includes items 1-4
	J1639798	Emergency Stop Button	Includes items 1-3
1	J1635044	Emergency Stop Head Button	
2	J1635051	Valve Adapter	
3	J1422740	3-Way Valve	
4	J1407741	Swivel Tubing Elbow	

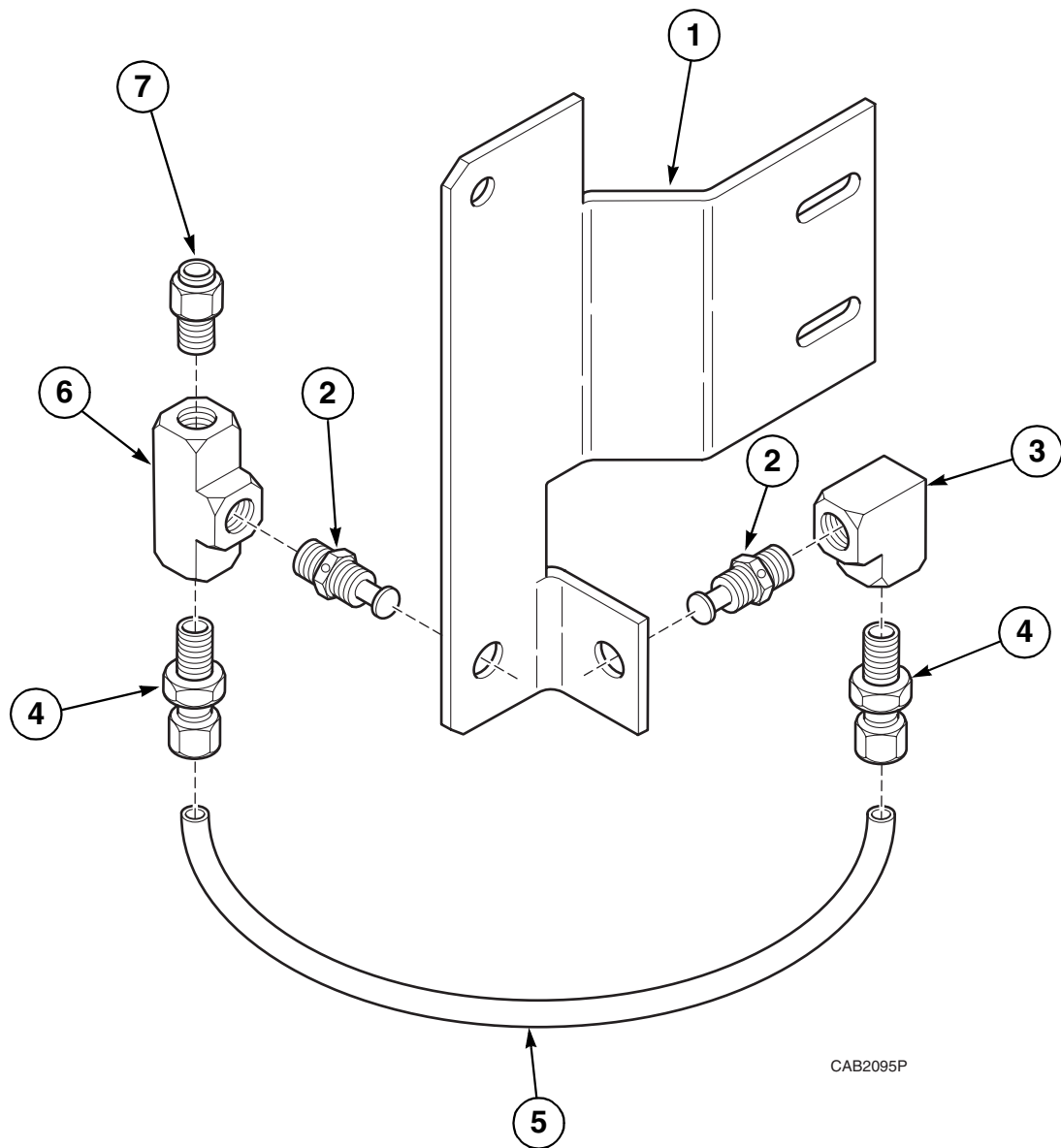
Front Left Safety Bar Bracket Assembly



Front Left Safety Bar Bracket Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1571041	Front Left Safety Bar Bracket Assembly	Includes items 1-7
1	J200139100	Front Left Safety Bar Bracket	
2	JA-53893	Bleeder Valve	2 required
3	J1463835-00	Quick Tubing Connector	
4	J1188242	Pipe Tee	
5	J1075175	Compression Connector	2 required
6	J1106699	Tubing	Copper; 6 inches required
7	J1188192	Pipe Elbow	

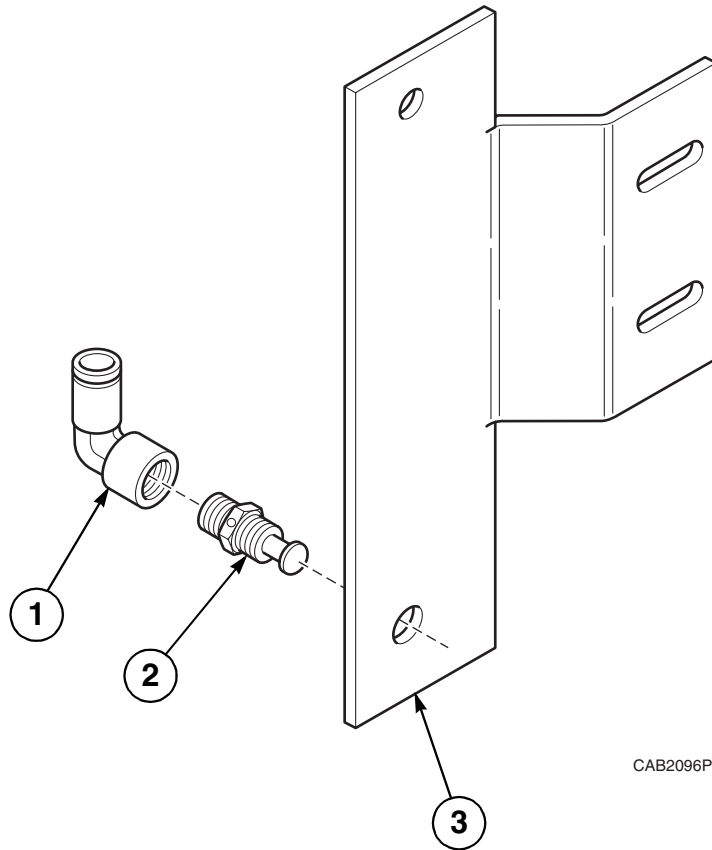
Rear Left Safety Bar Bracket Assembly



Rear Left Safety Bar Bracket Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1571058	Rear Left Safety Bar Bracket Assembly	Includes items 1-7
1	J200139000	Rear Left Safety Bar Bracket	
2	JA-53893	Bleeder Valve	2 required
3	J1188192	Pipe Elbow	
4	J1075175	Compression Connector	2 required
5	J1106699	Tubing	Copper; 6 inches required
6	J1188242	Pipe Tee	
7	J1463835-00	Quick Tubing Connector	

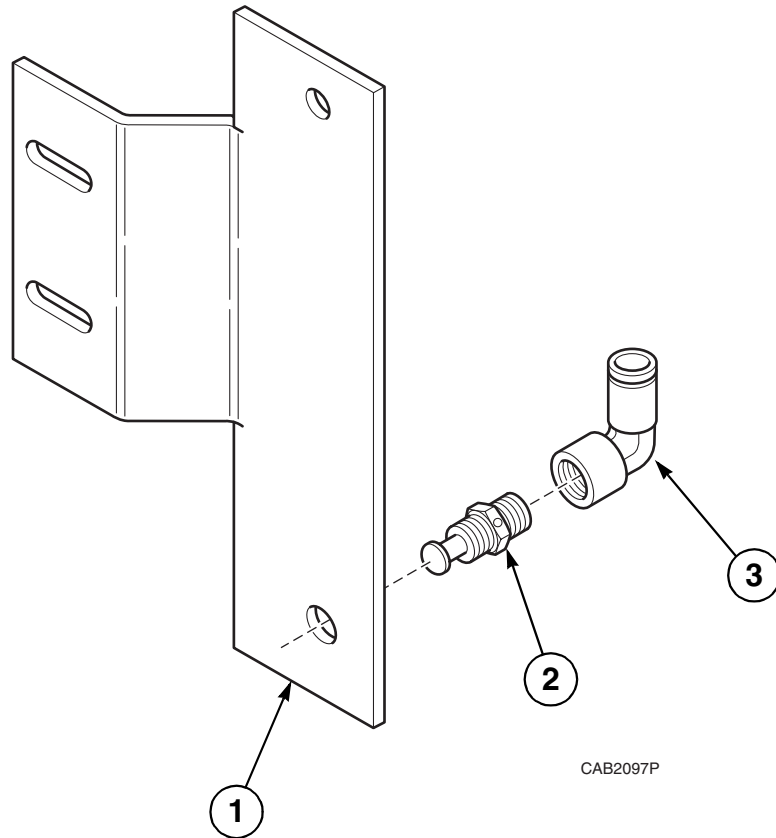
Front Safety Valve Assembly



Front Safety Valve Assembly

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

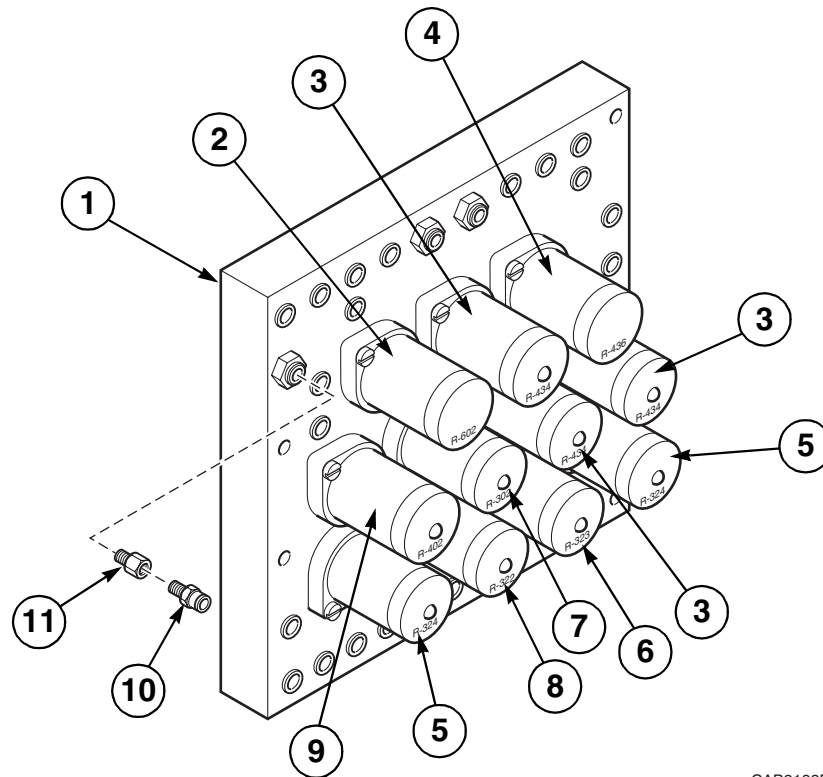
Left Safety Valve Assembly



Left Safety Valve Assembly

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

Fittings to Manifold Assembly

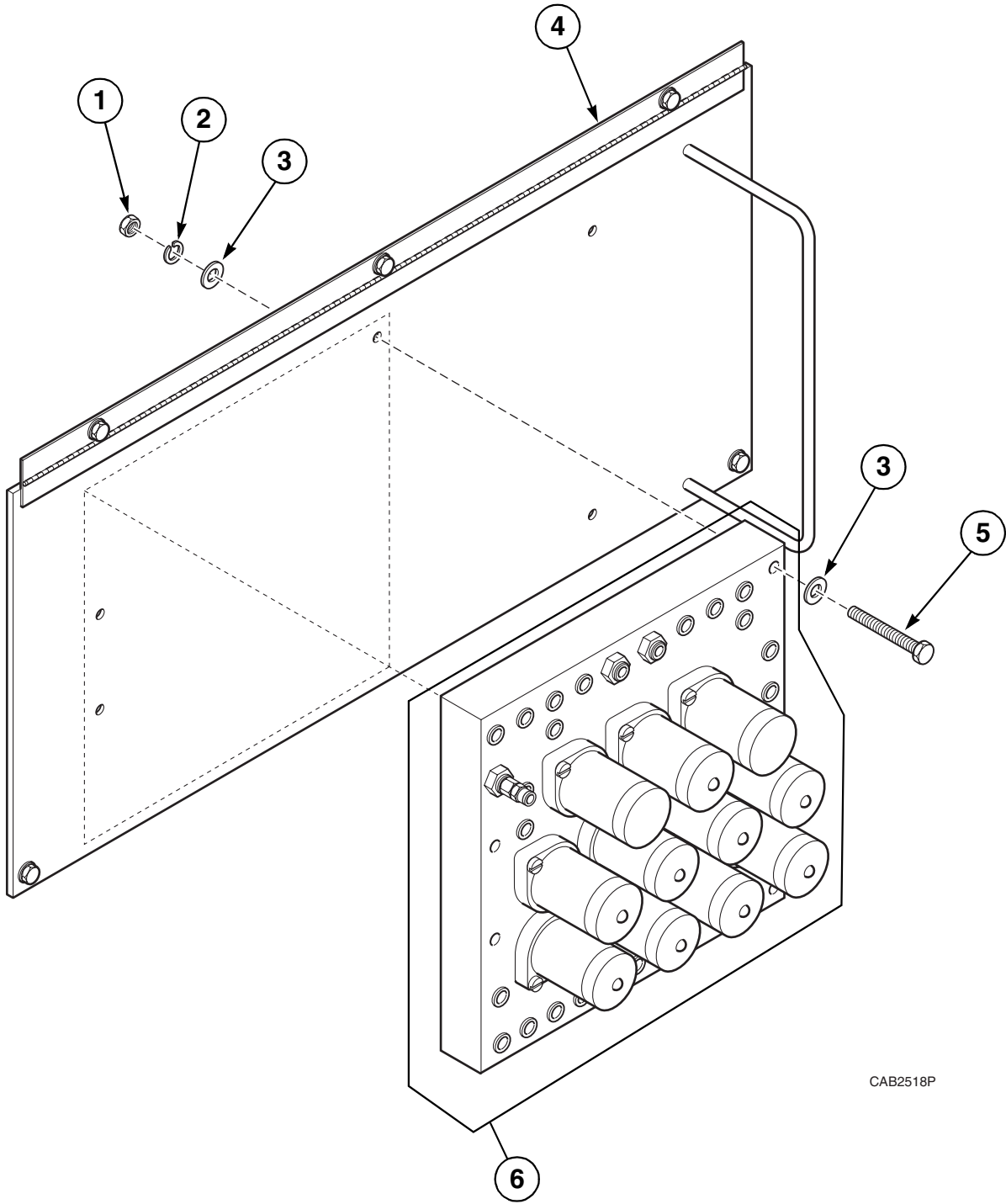


CAB2183P

Fittings to Manifold Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J200115500	Fitting to Manifold Assembly	Includes items 1, 10 and 11
1	J200094700	Manifold Assembly	Includes items 2-9
2	J0380814-00	Dual Shuttle Valve	
3	J200018400	4-Way Twin Pilot Valve	3 required
4	J200018500	4-Way Dual Twin Pilot Valve	
5	J0380813-00	3-Way and Shuttle Valve	2 required
6	J0380815-00	3-Way and Shuttle Valve	
7	J200018300	3-Way Valve	
8	J0380816-00	3-Way Valve	
9	J1633098	Binary Redirect Assembly	Models though June 23, 2004
	J1633122	Solenoid Valve	Models starting June 24, 2004
10	J1408004	Connector	
11	J1392158	Orifice	

Manifold to Bracket Assembly

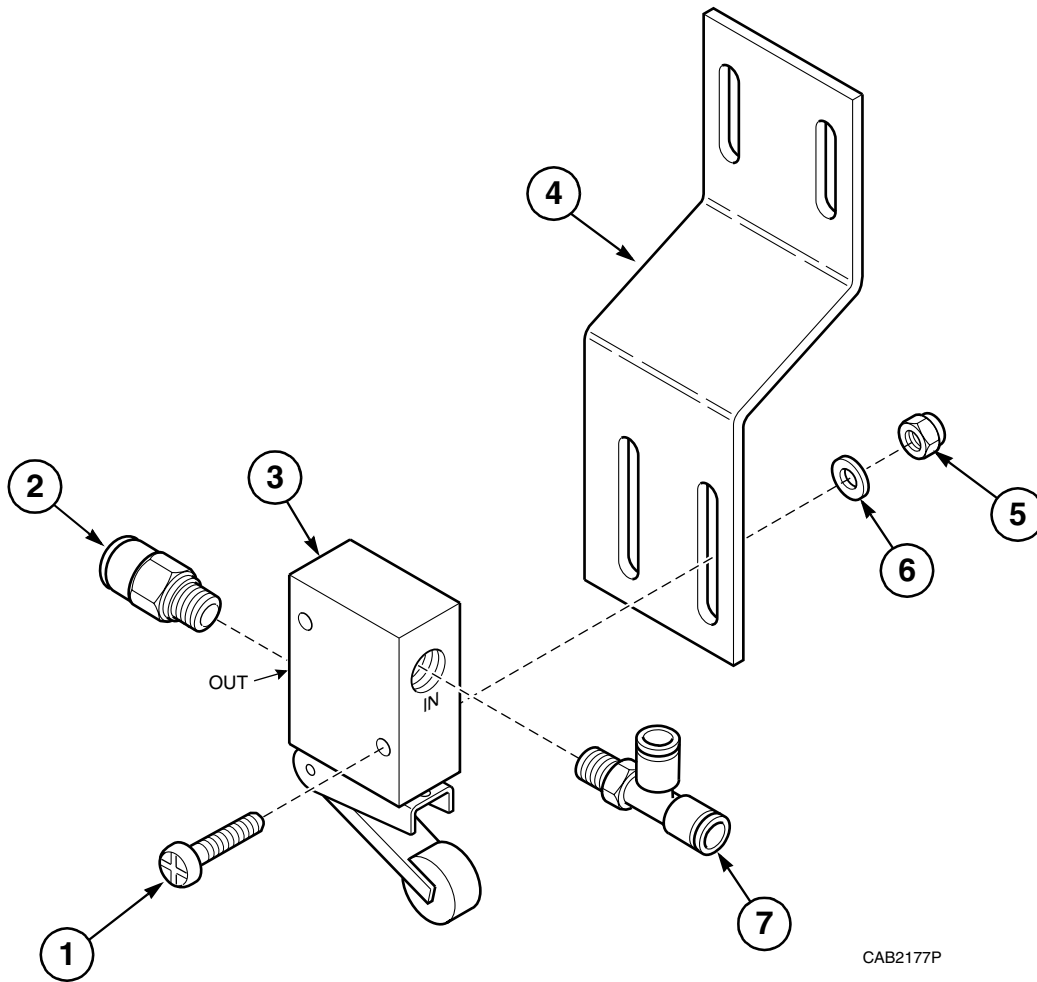


CAB2518P

Manifold to Bracket Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
1	F431005	Nut	3 required
2	F430322	Washer	3 required
3	F430317	Washer	6 required
4	J200291400	Manifold Bracket Weldment	
5	JA-50128	Screw	3 required
6	J200115500	Fitting to Manifold Assembly	Refer to <i>Fittings to Manifold Assembly</i> section for parts breakdown

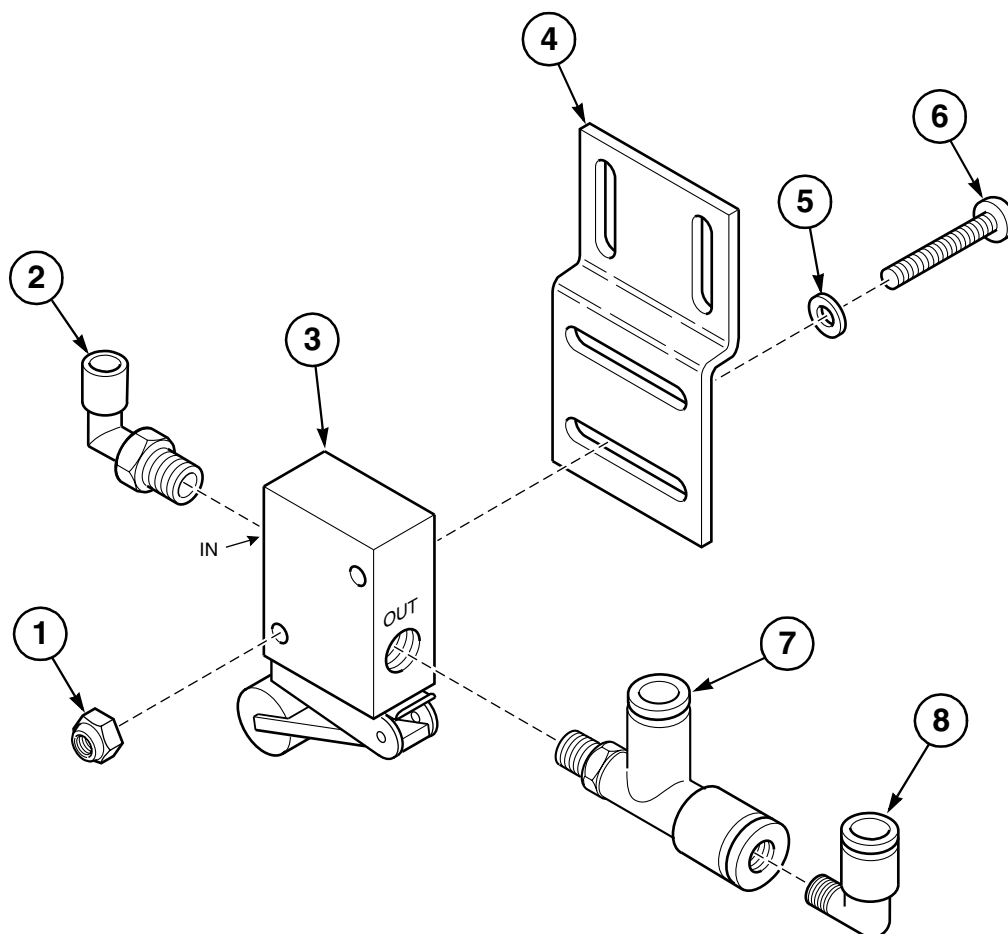
Valve and Bracket Assembly



Valve and Bracket Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J200002300	Valve and Bracket Assembly	Includes items 1-7
1	F432252	Screw	2 required
2	J1463835-00	Quick Tubing Connector	
3	J200154800	Limit Switch Valve	
4	J200011600	Valve Mounting Bracket	
5	F430220	Nut	2 required
6	F431123	Washer	2 required
7	J200010800	Male Run Tee	

Valve and Bracket Assembly – Models Through December 8, 2004

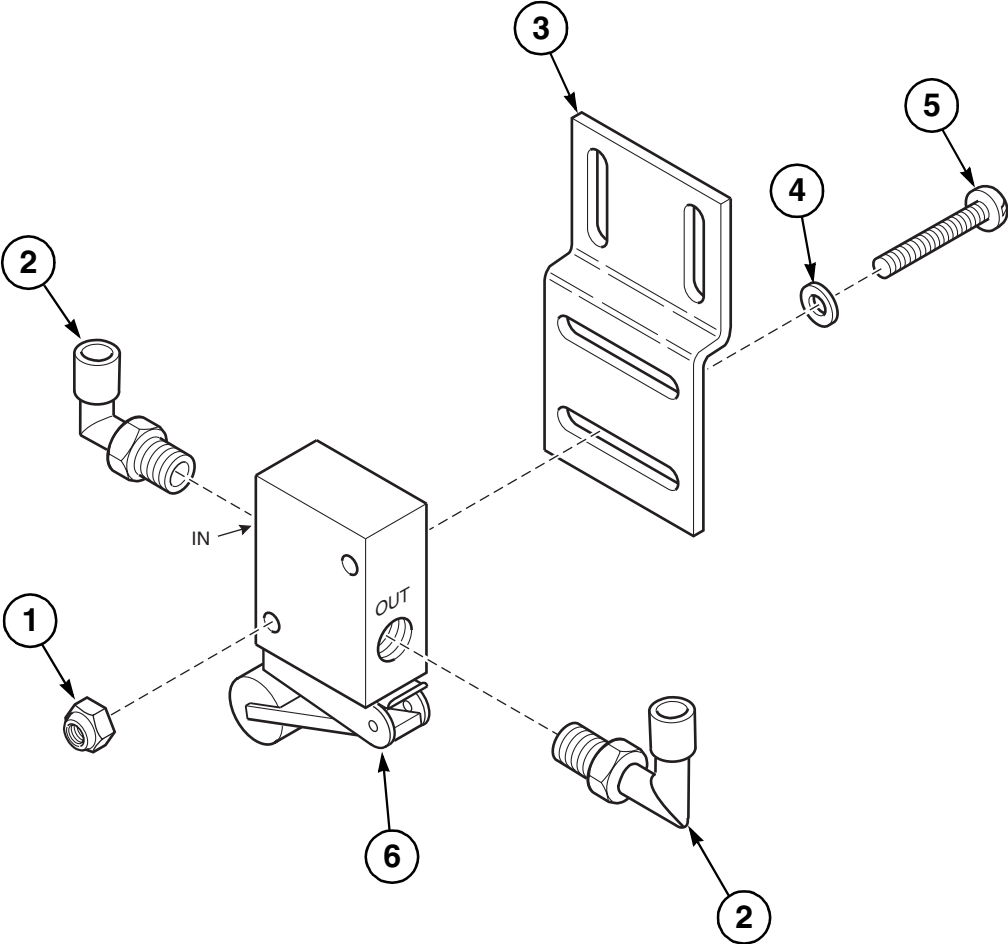


CAB2250P

Valve and Bracket Assembly – Models Through December 8, 2004

REF	PART NO.	DESCRIPTION	COMMENTS
	J200024700	Valve and Bracket Assembly	Includes items 1-8
1	F430220	Nut	2 required
2	J1410323	Male Tubing Elbow	
3	J200154800	Limit Switch Valve	
4	J200093800	Roller Valve Bracket	
5	F431123	Washer	2 required
6	F432252	Screw	2 required
7	J0260207-00	Male Run Tee	
8	J200011100	Reducer Elbow	

Valve and Bracket Assembly – Models Starting December 8, 2004



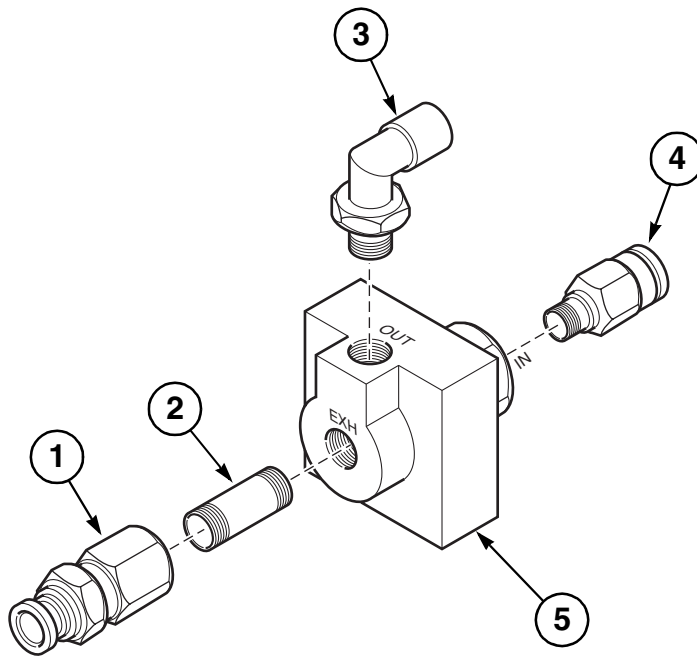
CAB2507P

Valve and Bracket Assembly – Models Starting December 8, 2004

REF	PART NO.	DESCRIPTION	COMMENTS
	J200024700	Valve and Bracket Assembly	Includes items 1-6
1	F430220	Nut	2 required
2	J1410323	Male Tubing Elbow	2 required
3	J200093800	Roller Valve Bracket	
4	F431123	Washer	2 required
5	F432252	Screw	2 required
6	J200154800	Limit Switch Valve	

Quick Exhaust Valve Assembly

Models Through February 2004



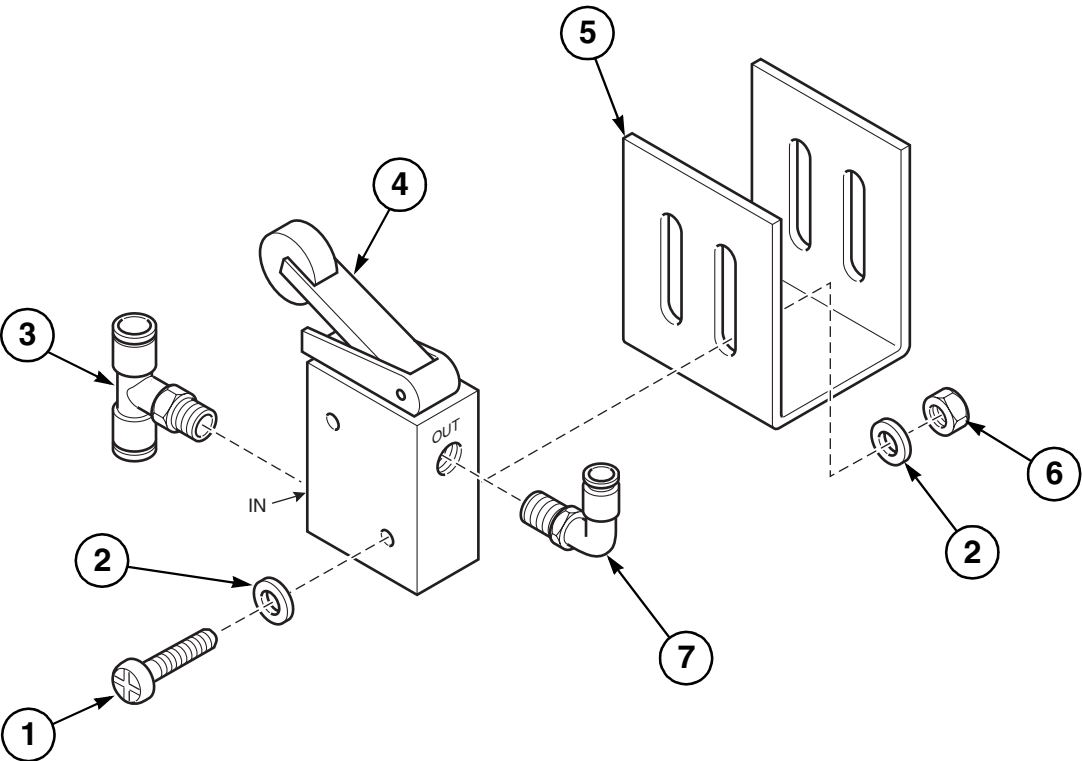
CAB2178P

Quick Exhaust Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	N/A	Quick Exhaust Valve Assembly	Includes items 1-5
	J025081105	O-Ring	Use with item 5
	J025081106	Quick Exhaust Valve	Use with item 5
1	N/A	Bulkhead Fitting	
2	J1026335-01	Pipe Nipple	
3	J1419811	Swivel Tubing Elbow	
4	J1463835-00	Quick Tubing Connector	
5	J200102400	Quick Exhaust Valve	

N/A = Part no longer available

Rear Limit Switch Assembly

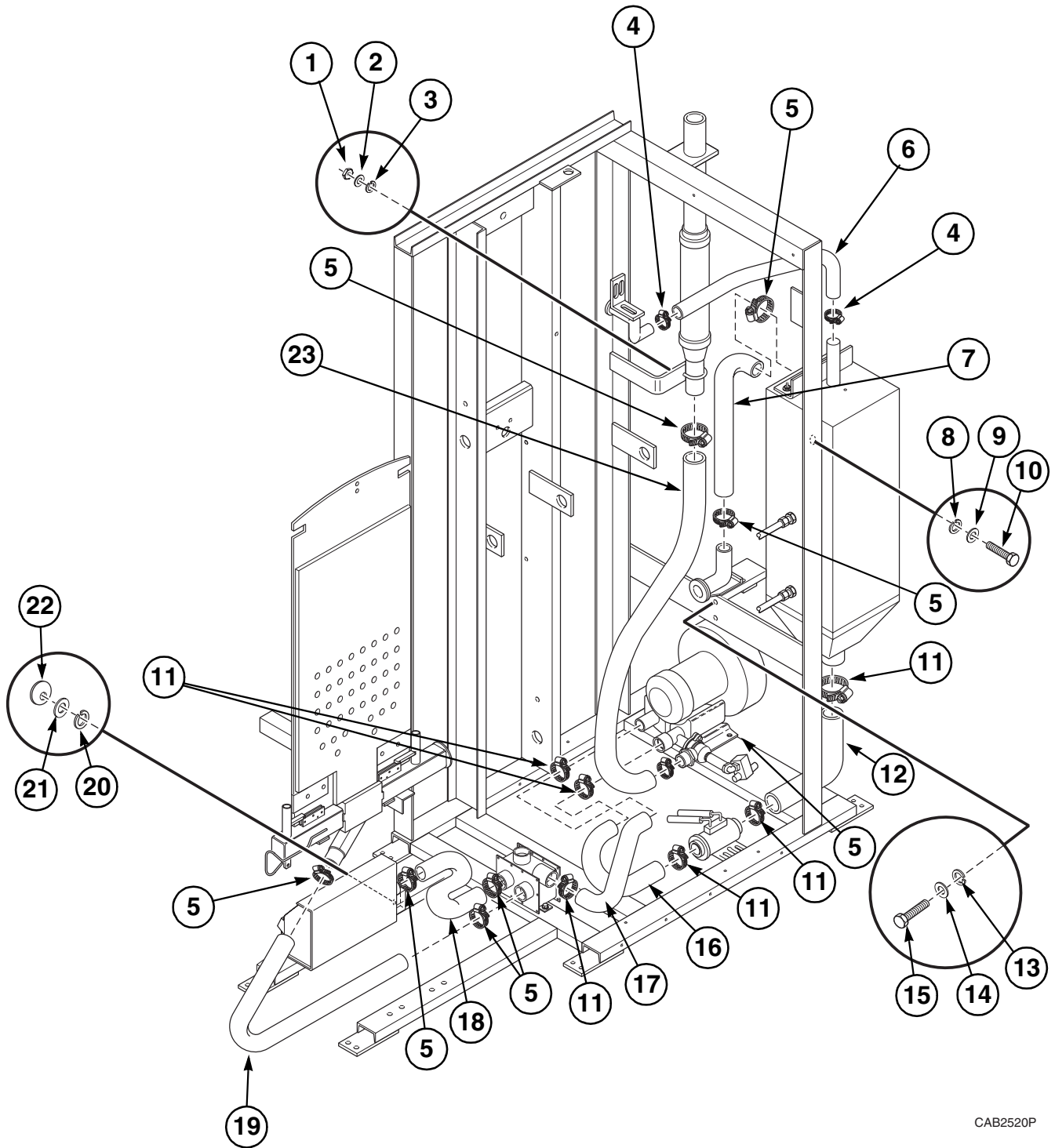


CAB2512P

Rear Limit Switch Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J063793900	Rear Limit Switch Assembly	Includes items 1-7
1	F432252	Screw	2 required
2	F431123	Washer	4 required
3	J1460484	Quick Tubing Tee	
4	J200154800	Limit Switch Valve	
5	J0637938-00	Rear Limit Bracket	
6	F430220	Nut	2 required
7	J1419811	Swivel Tubing Elbow	

Low Pressure Air System

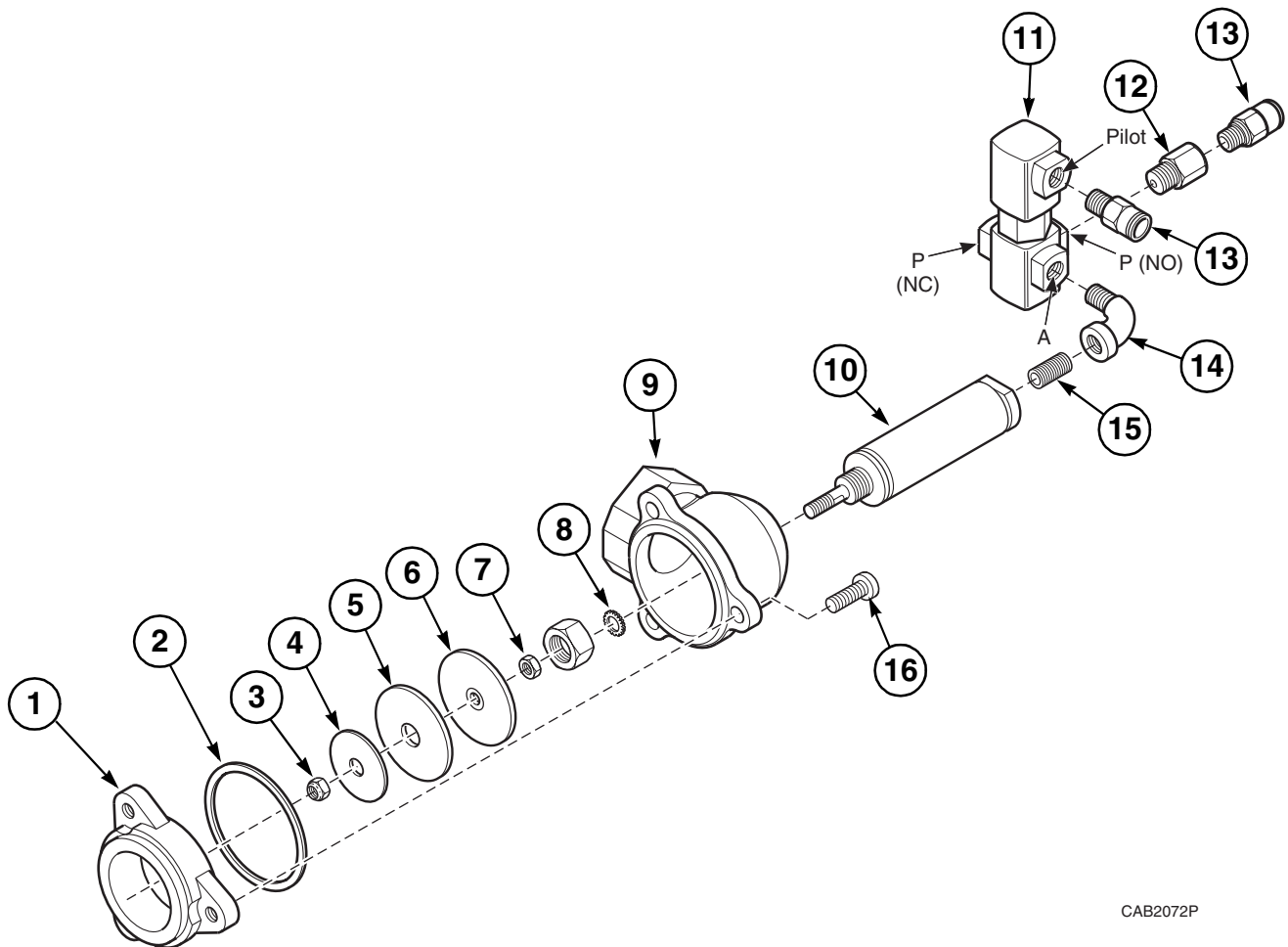


CAB2520P

Low Pressure Air System

REF	PART NO.	DESCRIPTION	COMMENTS
	F140606	Cable Tie	
	J1000736	Nut	2 required
	J1000975	Washer	
	JA-50949	Spring	
	JA-51665	Hook	
1	20275	Nut	4 required
2	F430317	Washer	6 required
3	F430322	Washer	6 required
4	JC-21541	Worm Gear Clamp	2 required
5	J200270800	Spiral Hose Clamp	8 required
6	J1394782	Hose	Snorkel to heat exchanger; 32 inches
7	J200118600	Heat Exchanger Hose	26 inches
8	F431137	Washer	4 required
9	F430304	Washer	4 required
10	F430908	Screw	2 required
11	J200270900	Spiral Hose Clamp	6 required
12	J200187406	Hose	27 inches
13	M400014	Washer	8 required
14	F430301	Washer	8 required
15	F430109	Screw	4 required
16	J200187403	Hose	26 inches
17	J200180603	Hose	37 inches
18	J200180602	Hose	18 inches
19	J200180501	Hose	2 required; 44 inches
20	F431102	Washer	6 required
21	F430312	Washer	6 required
22	J150285500	Hold Down Clamp	2 required
23	J200180609	Hose	48 inches

Low Pressure Valve Assembly

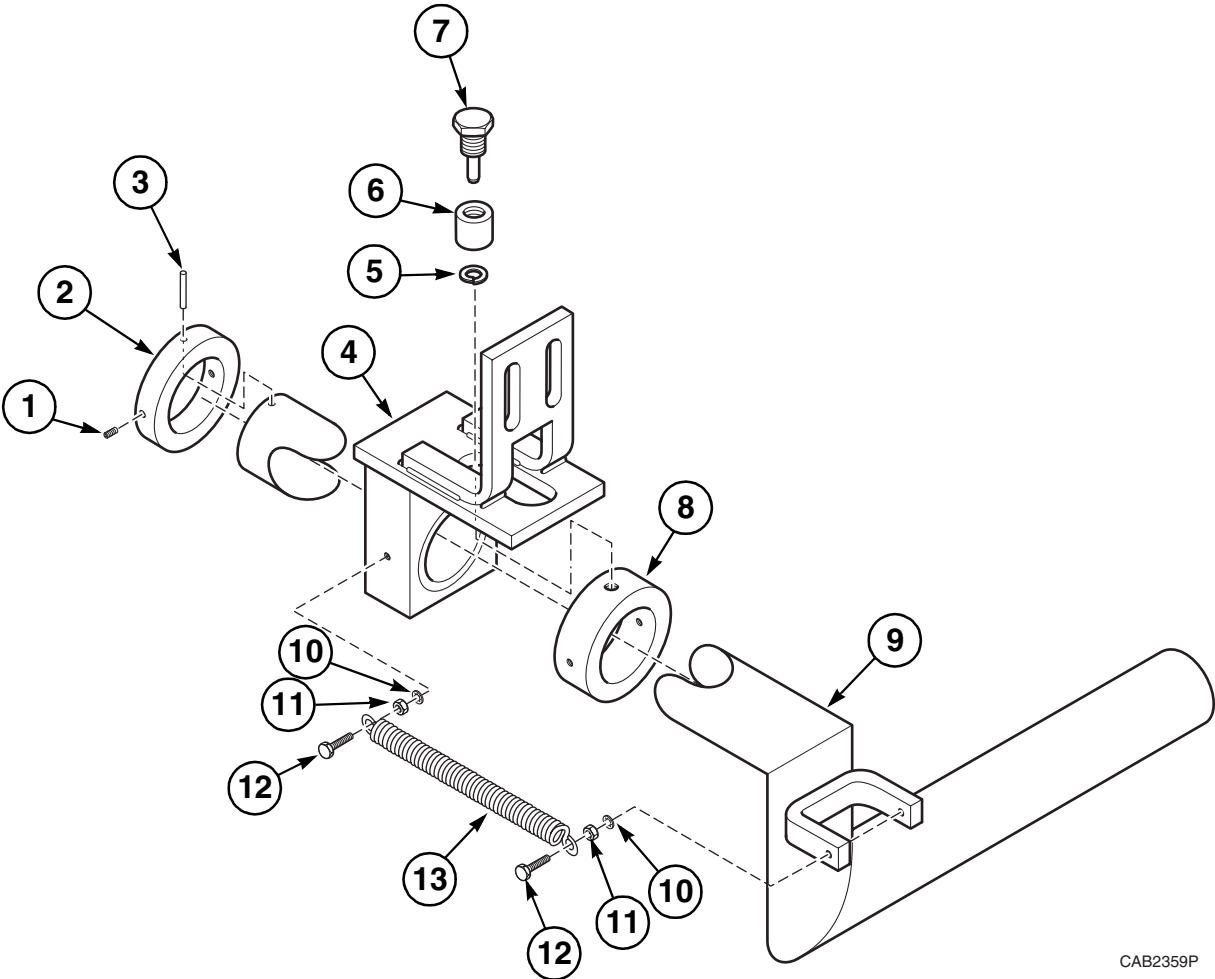


Low Pressure Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J200053300	Low Pressure Valve Assembly	Includes items 1-16
1	JA-50577	Cover	
2	JA-50578	Gasket	
3	J1391515	Nut	
4	J1359892	Washer	
5	J1359884	Seal	
6	J1359876	Washer	
7	N/A	Nut	
8	J1338565	Washer	
9	J1383116	Valve Body	
10	J1390806	Air Cylinder	Includes nut
11	J200053200	Air Valve	3-way; NO; Single air pilot
12	JA-19559	Closing Speed Orifice	
13	J1408004	Connector	2 required
14	J200056000	Street Pipe Elbow	
15	J1232313	Pipe Nipple	
16	JA-50055	Screw	3 required

N/A = Part no longer available

Snorkel Tube Assembly

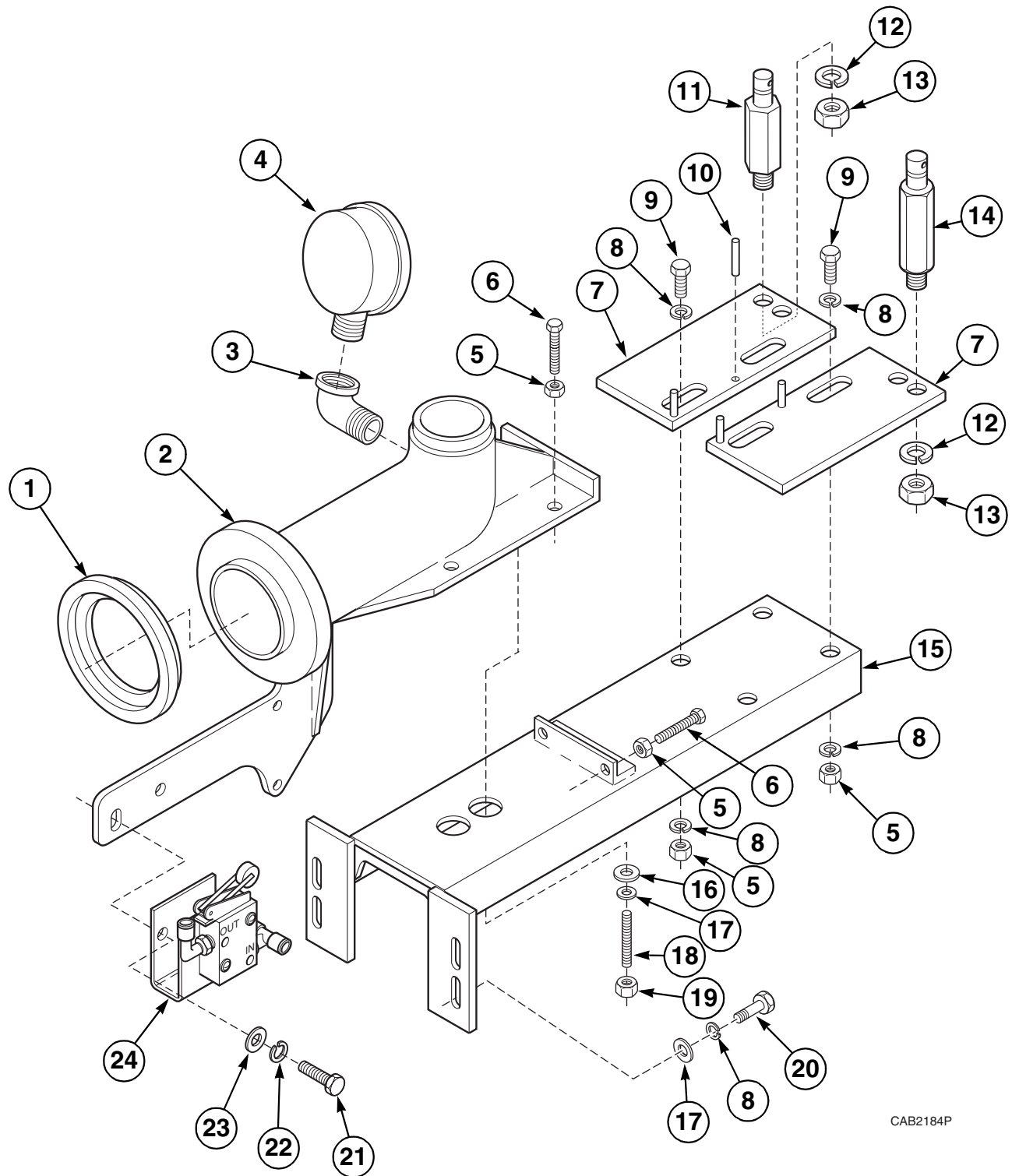


CAB2359P

Snorkel Tube Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J200010900	Snorkel Tube Assembly	Includes items 1-13
1	J1179308	Screw	4 required
2	J1544808	Snorkel Tube Ring	
3	JA-51144	Roll Pin	
4	J200010200	Block Plate Assembly	
5	J1001007	Washer	
6	JA-55745	Needle Bearing	
7	J1417310	Screw	4 required
8	J1544790	Set Collar	
9	J200011000	Snorkel Air Tube Weldment	
10	J1000975	Washer	4 required
11	J1000736	Nut	4 required
12	J1019561	Screw	4 required
13	J1555697	Extension Spring	2 required

Discharge Tube Assembly

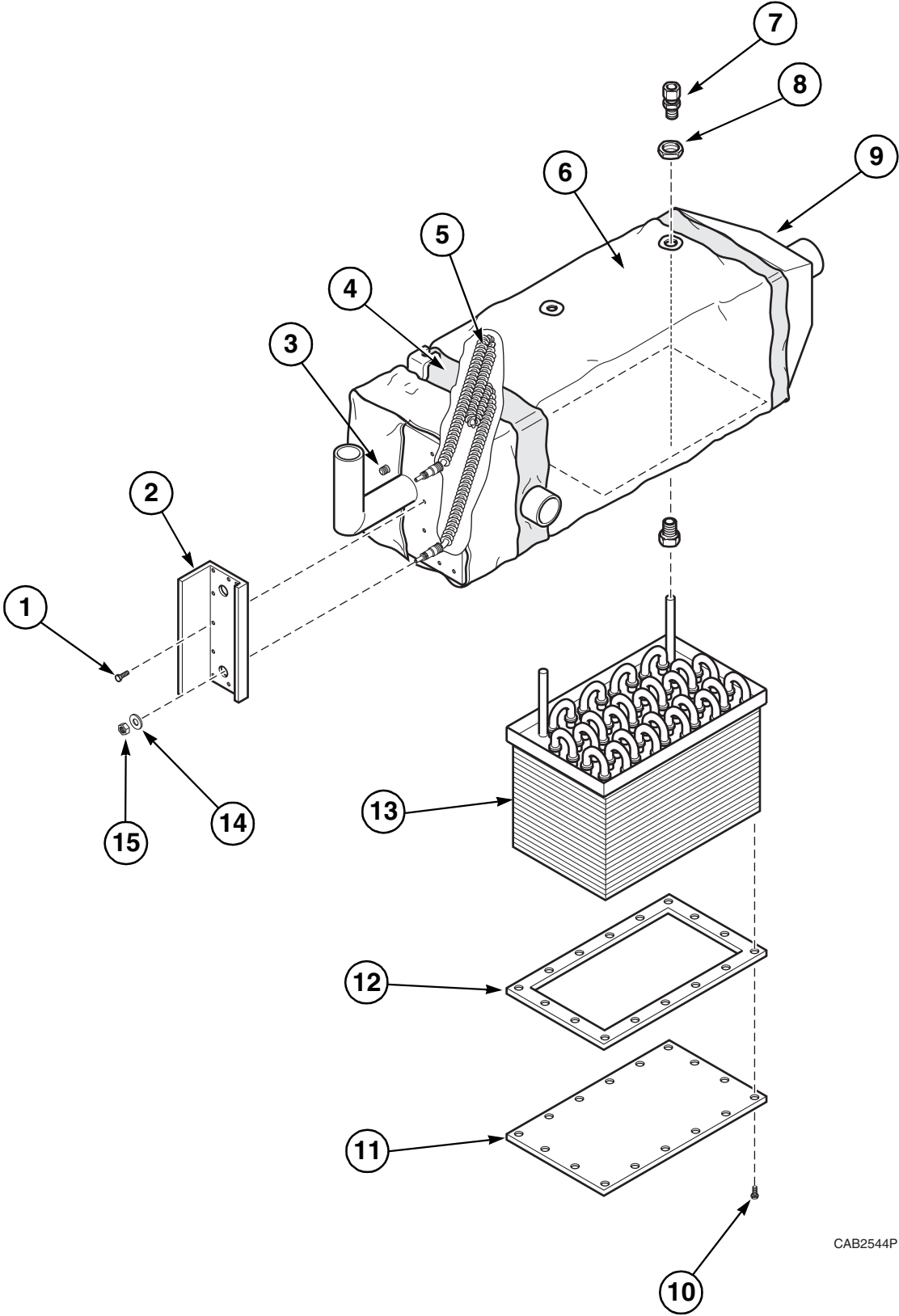


CAB2184P

Discharge Tube Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J200001300	Discharge Tube Assembly	Includes items 1-19 and 21-24
	F410102	Clear Sealant	Used to bond item 1 to item 2
1	J1471531	Discharge Flange Gasket	
2	JA-23305	Discharge Tube	
3	J1231521	Street Pipe Elbow	
4	JA-51283	Diaphragm Gauge	0-5 psi
5	20275	Nut	8 required
6	JA-54156	Screw	6 required
7	J1612910	Index Cylinder Mounting Plate	2 required
8	M400014	Washer	7 required
9	430648	Screw	4 required
10	JA-51970	Dowel Pin	4 required
11	J200051800	Cylinder Mounting Pin	Includes cotter pin
12	91200	Washer	2 required
13	J1000850	Nut	2 required
14	J200051900	Cylinder Mounting Pin	Includes cotter pin
15	JA-09212	Cylinder Mounting	
16	J1001338	Washer	
17	M400081	Washer	7 required
18	JA-51951	Screw	
19	20274	Nut	
20	M400043	Screw	2 required
21	F430107	Screw	2 required
22	F430322	Washer	2 required
23	JC-80583	Washer	4 required
24	J063793900	Rear Limit Switch Assembly	Refer to <i>Rear Limit Switch Assembly</i> section for parts breakdown

Heat Exchanger Assembly

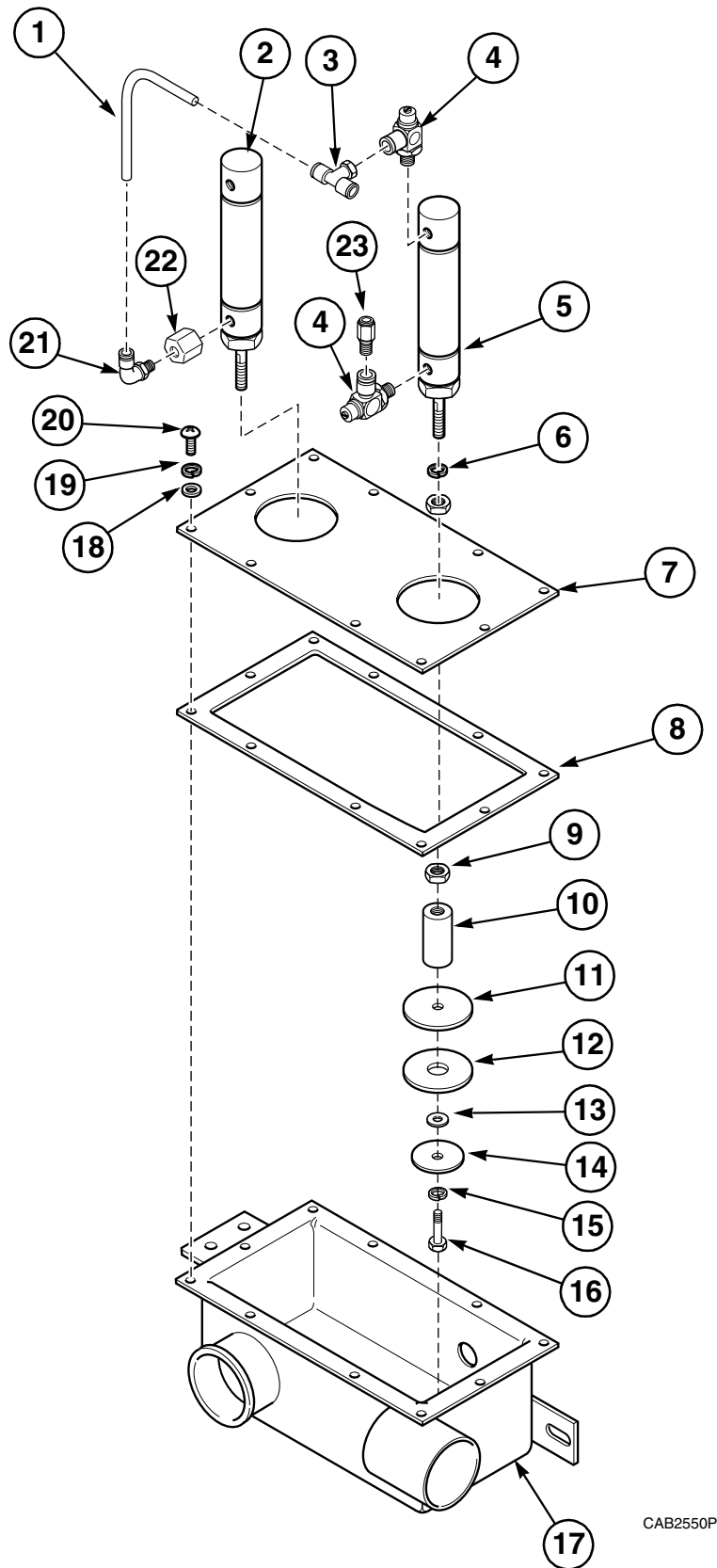


CAB2544P

Heat Exchanger Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1525237	Heat Exchanger Assembly	Includes items 1-15
1	J1571371	Screw	10 required
2	JA-22982	Heater Plate	
3	JA-24122	Fitting	
4	J0440160-00	Duct Tape	
5	JA-53883	Heater Element	1500 Watts; 230 Volt
6	J1540749	Insulation	
7	J1161272	Male Compression Connector	2 required
8	J1540731	Bulkhead Fitting	2 required
9	J1538750	Housing Weldment	
10	J1414788	Screw	4 required
11	J1562818	Heat Exchanger Cover Plate	
12	J1540814	Joint Sealant Gasket	4 feet required
13	J1536382	Steam Coil Weldment	
14	JA-55802	Washer	2 required
15	JC-48312	Nut	2 required

Damper Assembly



CAB2550P

Damper Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J148176101	Damper Assembly	Includes items 1-23
1	J1103970-00	Tubing	Polyflo; 1 foot required
2	J1366269	Air Cylinder	
3	J1437029	Quick Tubing Tee	
4	J1455781	Swivel Flow Control Valve	2 required
5	J1437060	Air Cylinder	Double acting; Includes nut
6	J1338565	Washer	2 required
7	J200101600	Damper Box Cover	
8	J1437078	Damper Box Gasket	
9	JC-48289	Nut	2 required
10	J1398445	Cylinder Coupling	2 required
11	J1398478	Washer	Large; 2 required
12	J1398460	Washer	Rubber; 2 required
13	J1398452	Washer	Shim; 2 required
14	J1398437	Washer	Outside; 2 required
15	M400013	Washer	2 required
16	JC-62851	Screw	2 required
17	J200108400	Vacuum Damper Box Weldment	
18	J1001213	Washer	10 required
19	J1000975	Washer	10 required
20	J1185107	Screw	10 required
21	J1407741	Swivel Tubing Elbow	
22	J1392158	Orifice	
23	J1408004	Connector	

This exploded view diagram illustrates the assembly of a mechanical component, likely a door latch or actuator. The components are numbered 1 through 25. The main assembly consists of a housing (21) and a lever arm (11). Key sub-assemblies include a spring mechanism (8, 9, 10), a lever arm assembly (11, 4, 12), and a mounting bracket (15). The diagram shows the relative positions and assembly sequence of these parts, with dashed lines indicating the path of assembly. The components are as follows:

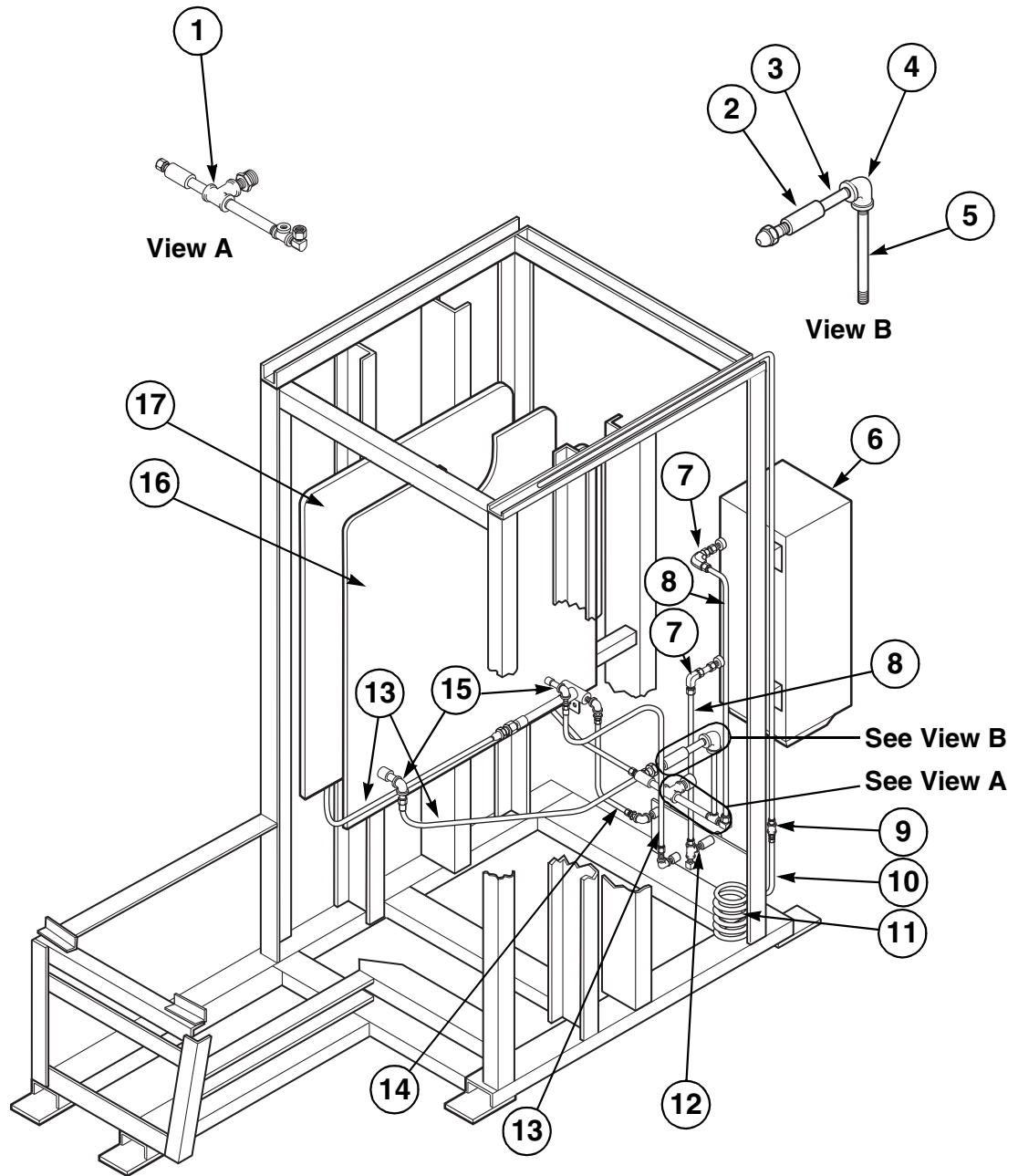
- 1: Small nut/bushing
- 2: Lever arm
- 3: Small nut/bushing
- 4: Bolt
- 5: Disc/plate
- 6: Washer
- 7: Bolt
- 8: Spring
- 9: Washer
- 10: Washer
- 11: Lever arm
- 12: Bolt
- 13: Bolt
- 14: Bolt
- 15: Mounting bracket
- 16: Bolt
- 17: Bolt
- 18: Bolt
- 19: Bolt
- 20: Washer
- 21: Housing
- 22: Bolt
- 23: Bolt
- 24: Bolt

AJ0972

Butterfly Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J200044100	Butterfly Valve Assembly	Includes items 1-25
	J0250811-01	Cylinder Seal Kit	Use with item 15
1	F431011	Nut	
2	JA-08867	Actuating Arm and Shaft Assembly	
3	52566	Nut	2 required
4	JC-62516	Screw	2 required
5	JA-21889	Butterfly	
6	J1000975	Washer	2 required
7	M400044	Screw	2 required
8	JA-54004	Extension Spring	
9	JA-52154	Washer	3 required
10	20275	Nut	2 required
11	J200043900	Housing Bracket Weldment	
12	JA-53020	Screw	
13	JA-19559	Closing Speed Orifice	
14	J1407741	Swivel Tubing Elbow	
15	J0250115-00	Damper Box Control Cylinder	
16	J1437029	Quick Tubing Tee	
17	JA-25828	Closing Orifice	2 required
18	F430942	Screw	
19	J200052600	Rod End Clevis	
20	JA-50994	Safety Collar	Includes screw
21	JA-08327	Butterfly Housing	
22	JA-50434	Nut	
23	J0250114-00	Damper Box Cracking Cylinder	
24	J1438357	Quick Tubing Tee	
25	J1238518	Screw	2 required

Steam System (Front View)

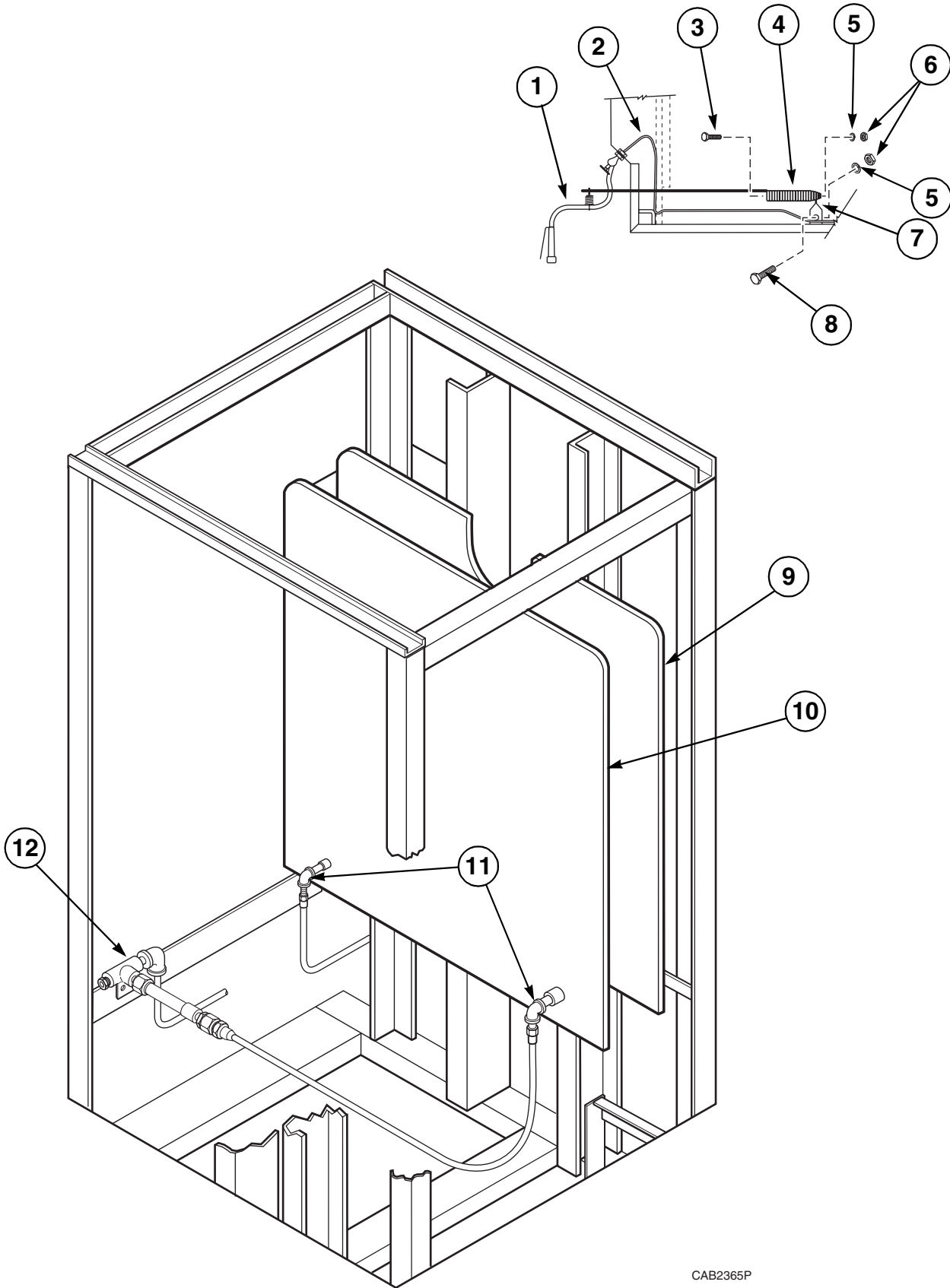


CAB2545P

Steam System (Front View)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1615814	Middle Steam Inlet Assembly	Refer to <i>Middle Steam Inlet Assembly</i> section for parts breakdown
2	JC-23002	Pipe Coupling	
3	JA-52273	Pipe Nipple	
4	J1231422	Pipe Elbow	
5	JC-46349	Nipple	
6	J1525237	Heat Exchanger Assembly	Refer to <i>Heat Exchanger Assembly</i> section for parts breakdown
7	JC-30454	Union Compression Elbow	2 required
8	J1117191	Tubing	Copper; 1/2 inch OD
9	JA-09231	Condenser Flow Control	
10	J1106699	Tubing	Copper; 3/16 inch OD
11	J1471234	Condenser Coil	
12	J1521715	Steam Return Assembly	Refer to <i>Steam Return Assembly</i> section for parts breakdown
13	J1319268	Steam Hose	4 required
14	J1106665	Tubing	Copper; 3/8 inch OD
15	JC-28236	Street Pipe Elbow	2 required
16	J1601954	Front Head Assembly	Refer to <i>Front Head Assembly</i> section for parts breakdown
17	J1601947	Rear Head Assembly	Refer to <i>Rear Head Assembly</i> section for parts breakdown

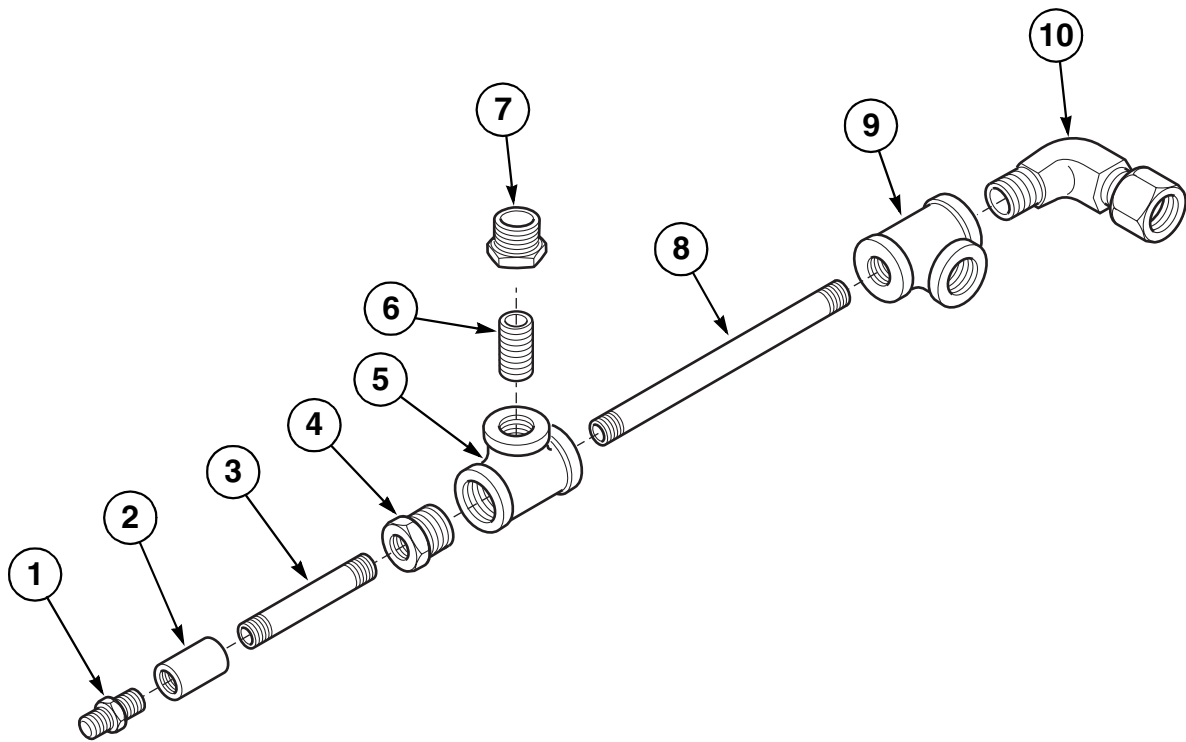
Steam System (Rear View)



Steam System (Rear View)

REF	PART NO.	DESCRIPTION	COMMENTS
1	JA-04809	Spray Gun Assembly	Refer to <i>Spray Gun Assembly</i> section for parts breakdown
2	J1106699	Tubing	Copper
3	JA-50394	Screw	
4	JA-52160	Special Extension Spring	
5	J1185073	Washer	3 required
6	20275	Nut	3 required
7	JA-23002	Spray Gun Bracket	
8	JA-52426	Screw	2 required
9	J1601954	Front Head Assembly	Refer to <i>Front Head Assembly</i> section for parts breakdown
10	J1601947	Rear Head Assembly	Refer to <i>Rear Head Assembly</i> section for parts breakdown
11	JC-28236	Street Pipe Elbow	4 required
12	J1591189	Steam Return Assembly	Rear head; Refer to <i>Steam Return Assembly</i> section for parts breakdown

Middle Steam Inlet Assembly

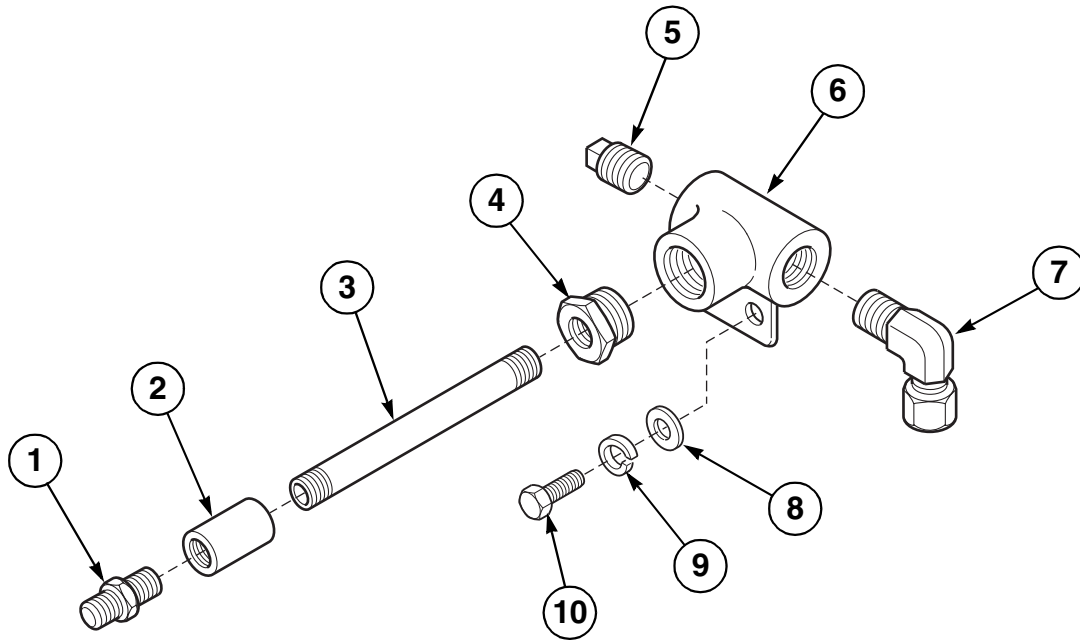


CAB2119P

Middle Steam Inlet Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1615814	Middle Steam Inlet Assembly	Includes items 1-10
1	J1319276	Flare Connector	
2	JC-23002	Pipe Coupling	
3	JC-4606101	Pipe Nipple	
4	JC-19662	Reducing Bushing	
5	J1018423	Tee	
6	431206	Pipe Nipple	
7	J1468347	Pipe Bushing	
8	JC-46159	Pipe Nipple	
9	JC-70620	Pipe Tee	
10	JA-54351	Compression Elbow	

Rear Head Steam Return Assembly

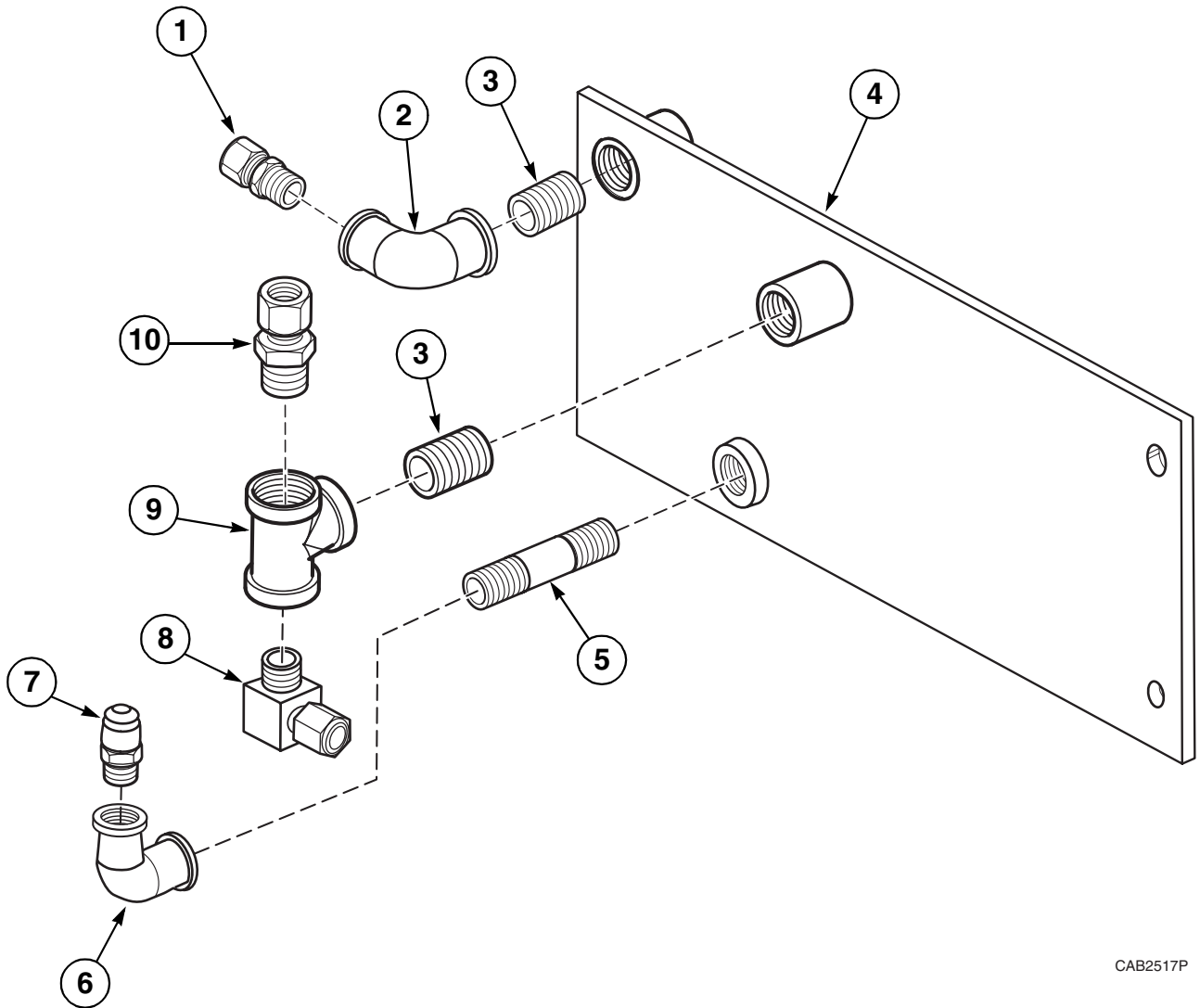


CAB2118P

Rear Head Steam Return Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1591189	Steam Return Assembly	Includes items 1-7
1	J1319276	Flare Connector	
2	JC-23002	Pipe Coupling	
3	JC-46349	Nipple	
4	JC-19682	Reducing Bushing	
5	J1161421	Pipe Plug	
6	JA-23840	Tee Bracket	
7	JC-30719	Male Compression Elbow	
8	JA-24365	Spacer	2 required
9	J1185073	Washer	2 required
10	JA-52426	Screw	2 required

Steam Return Assembly

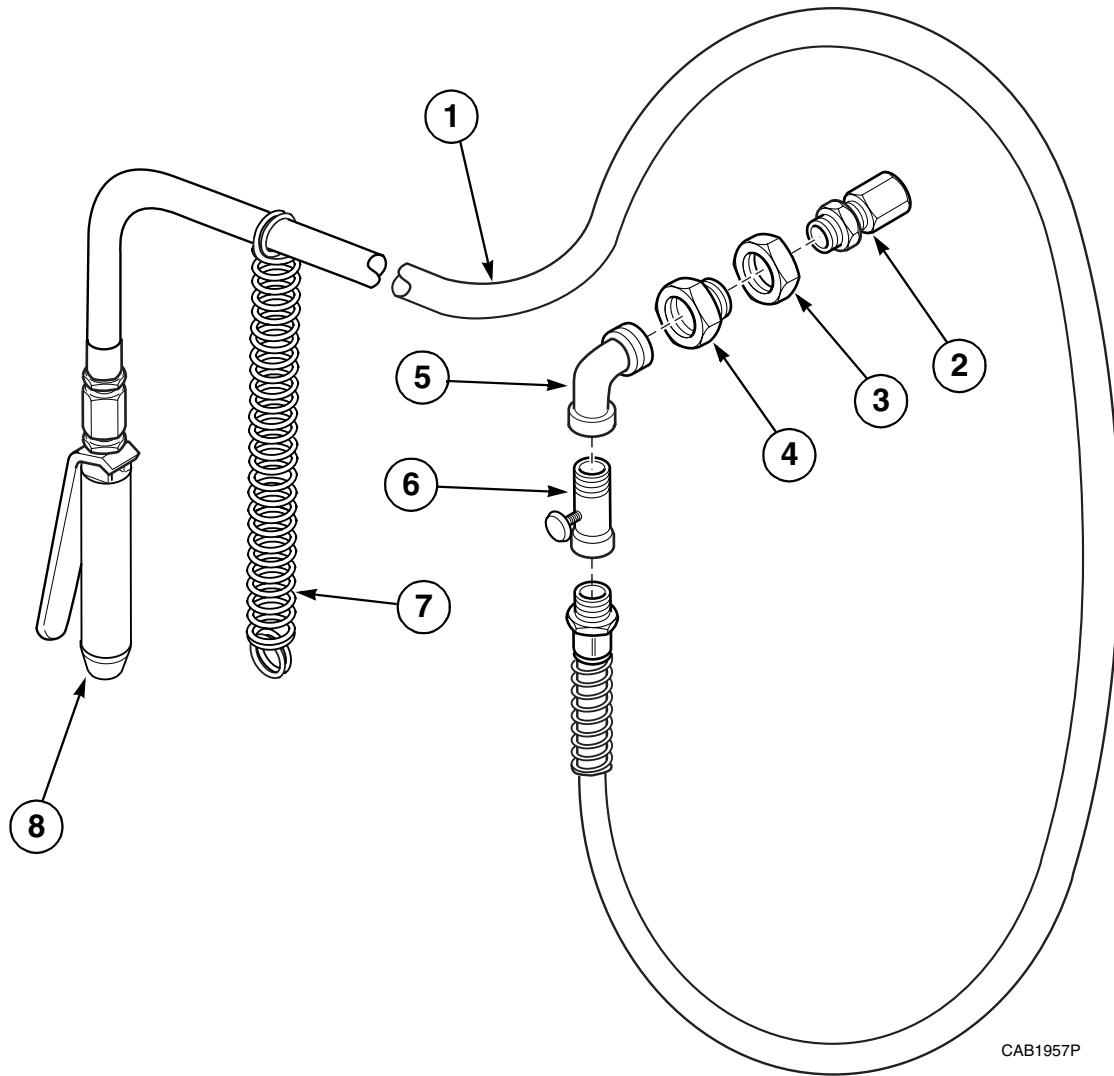


CAB2517P

Steam Return Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J200055900	Steam Return Assembly	Includes items 1-10
1	J200203600	Male Connector	
2	J1084011	Pipe Elbow	
3	J1239334	Pipe Nipple	2 required
4	J200017300	Steam Return Weldment	
5	J1026665	Pipe Nipple	
6	JA-51007	Pipe Elbow	
7	J1319276	Flare Connector	
8	JC-30211	Male Compression Elbow	
9	JC-70628	Pipe Tee	
10	J1161272	Male Compression Connector	

Spray Gun Assembly

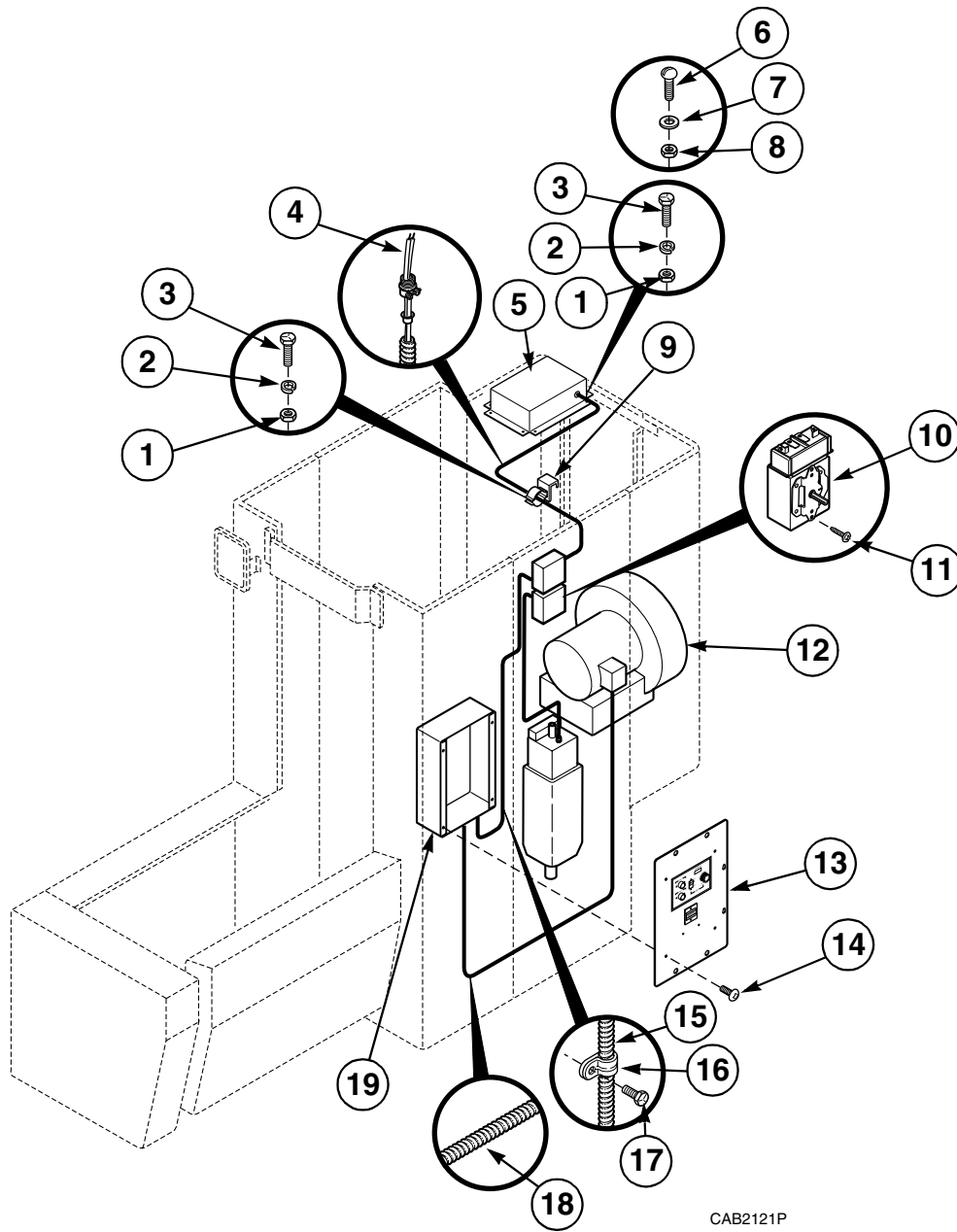


CAB1957P

Spray Gun Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-04809	Spray Gun Assembly	
	JA-23002	Spray Gun Bracket	Use JA-52426 Screw, J1185073 Washer and 20275 Nut to attach
1	JA-51793	Hose Assembly	
2	J1151661	Compression Connector	
3	M400022	Nut	
4	JA-12007	Spray Gun Coupling	
5	JA-54494	Street Pipe Elbow	
6	J1246024	Needle Valve	
7	JA-52160	Special Extension Spring	Use JA-50394 Screw, J1185073 Washer and 20275 Nut to attach
8	JA-51110	Water Gun Assembly	

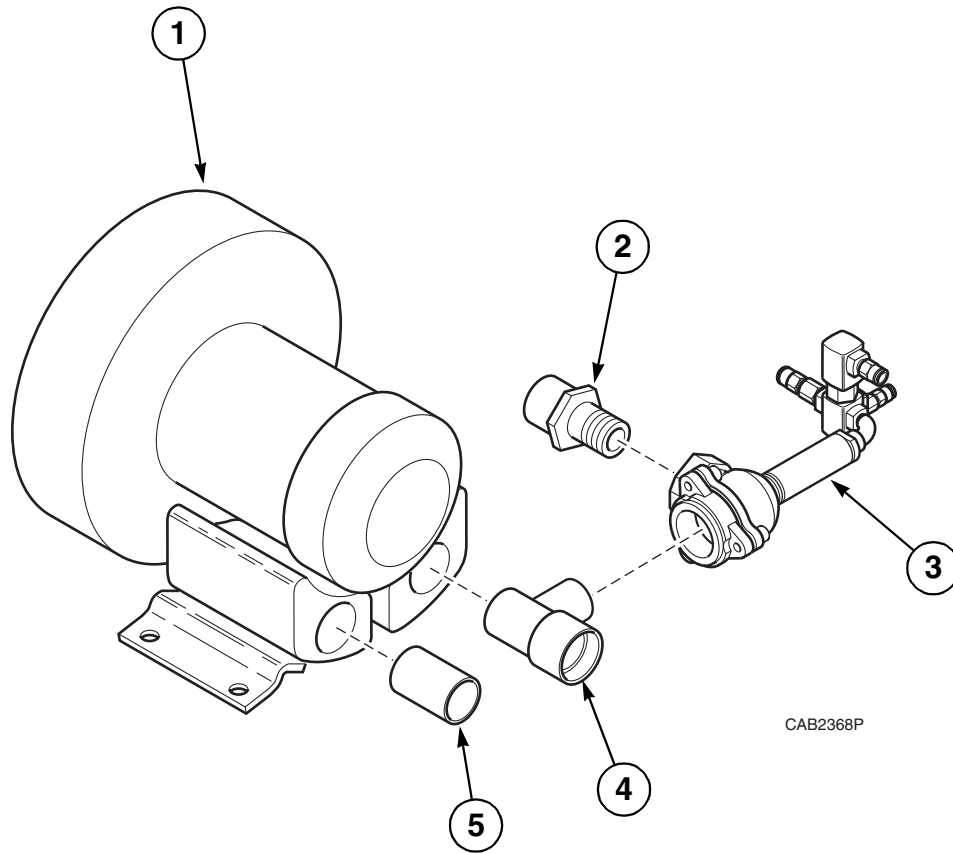
Machine Electrical Parts and Conduit



Machine Electrical Parts and Conduit

REF	PART NO.	DESCRIPTION	COMMENTS
	J1625045	Transformer Mount	Used to mount item 5
1	20275	Nut	6 required
2	J1185073	Washer	7 required
3	02422	Screw	5 required
4	J1131333	14 Gauge Wire	Black; 8 feet required
5	JC-72982	Transformer	460 Volt
	J1475953	Transformer	380-415 Volt
6	M400044	Screw	2 required
7	J1085992	Washer	2 required
8	J1000736	Nut	2 required
9	JC-69884	Beam Clamp	Not shown
10	J1531094	Thermostat Assembly	Refer to <i>Thermostat Assembly</i> section for parts breakdown
11	J1007434	Screw	2 required
12	J0220243-00	Blower	220-480 Volt/3 Phase/50-60 Hertz
13	J200057500	Control Box Cover Assembly	Refer to <i>Control Box Cover Assembly</i> section for parts breakdown
14	JC-61273	Screw	4 required
15	J1531680	Conduit Assembly	Control box to thermostat
16	J1162478	Electrical Strap	2 required
17	JA-53020	Screw	2 required
18	J1618297	Conduit Assembly	Control box to blower motor
19	J1606748	Control Box Assembly	200-240 Volt/3 Phase/50-60 Hertz

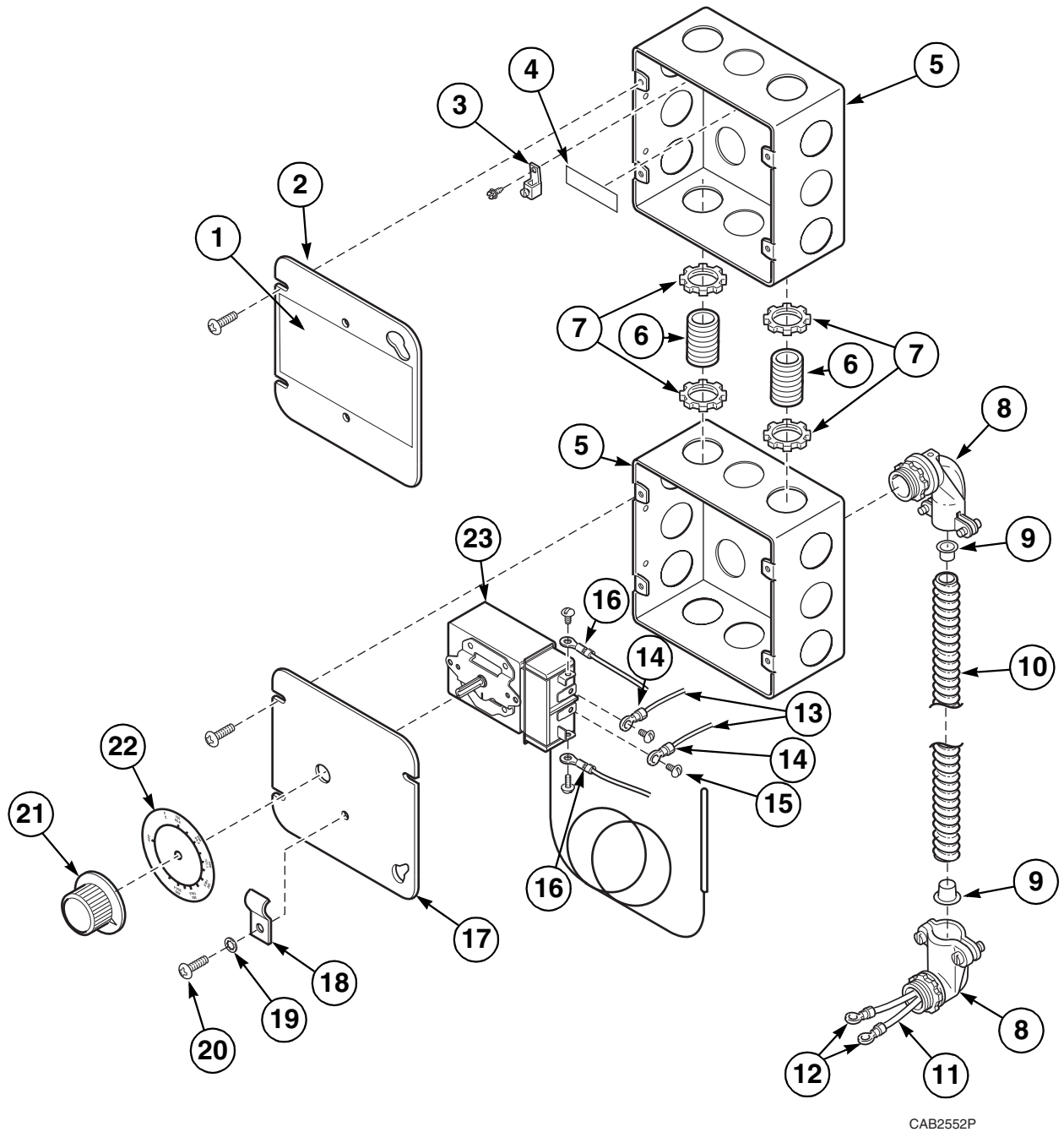
Blower Assembly



Blower Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
1	J0220243-00	Blower	220-480 Volt/3 Phase/50-60 Hertz
2	J1370634	Pipe Assembly Bushing	
3	J200053300	Low Pressure Valve Assembly	Refer to <i>Low Pressure Valve Assembly</i> section for parts breakdown
4	J1479716	Outlet Weldment	
5	J1398544	Pipe Nipple	

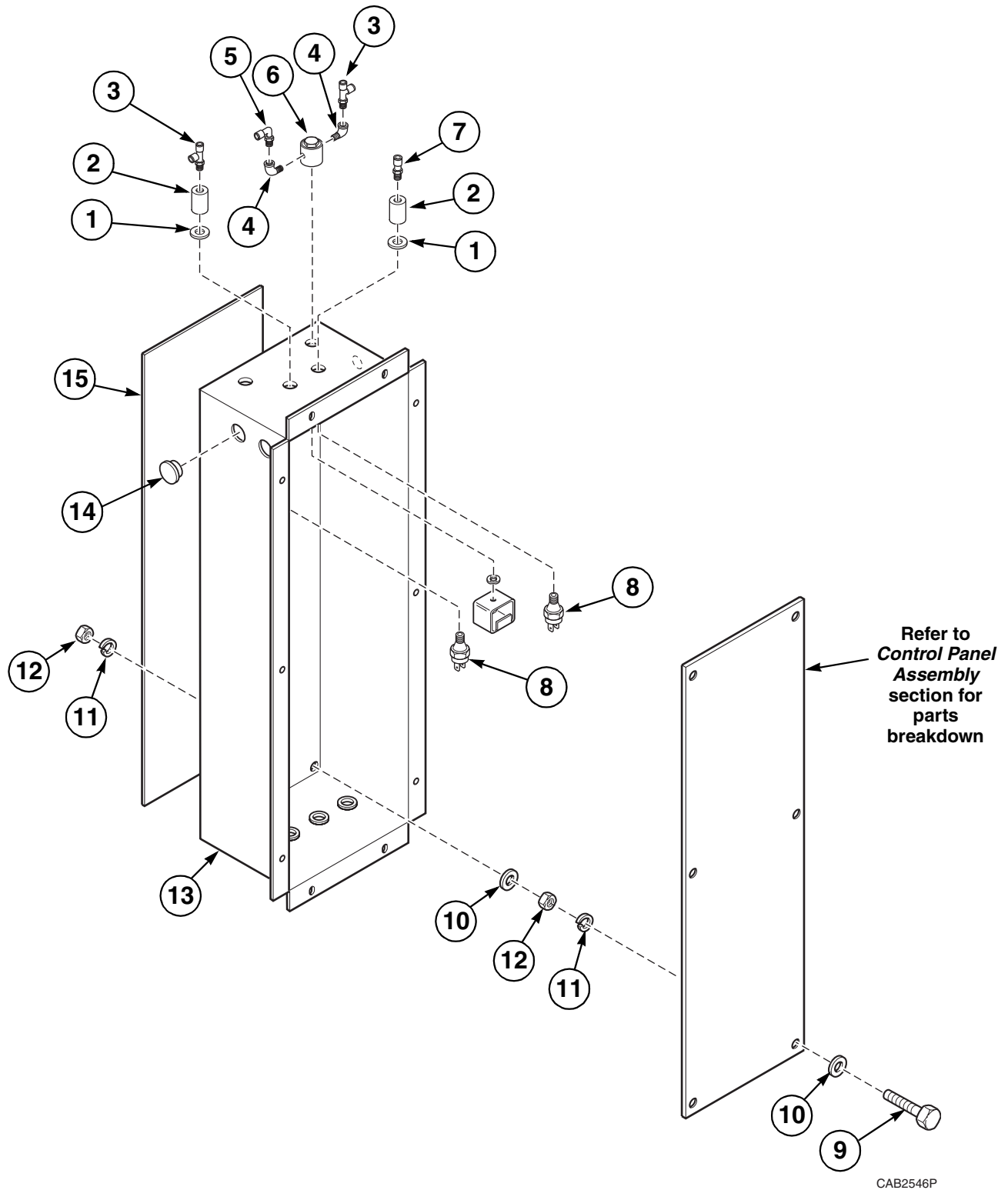
Thermostat Assembly



Thermostat Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1531094	Thermostat Assembly	Includes items 1-23, JM-99961 Sleeving and J1066919 Snap-In Bushing
	JM-99961	Sleeving	Fiberglass; 3 feet required; Used with item 11
	J1066919	Snap-In Bushing	
1	J200139600	Lockout/Tagout Warning Decal	
2	J1439223	Altered Electric Box Cover	
3	J1189125	Terminal Lug	
4	J10-607	Ground Wire Label	
5	JC-18268	Electrical Outlet Box	2 required
6	JC-46347	Nipple	2 required
7	J1210988	Nut	8 required
8	J1086115	Connector	2 required
9	J1232990	Bushing	2 required
10	F140302	Flexible Conduit	
11	JR-90132	Wire	12 gauge; 3 feet required
12	J1285147	Terminal Ring	2 required
13	JM-99150	Wire	14 gauge; 2 feet required
14	J1190370	Terminal Ring	2 required
15	J1233659	Screw	2 required
16	JT-168-4	Wire Terminal	2 required
17	JA-24123	Thermostat Mounting Plate	
18	J1244623	Tubing Clamp	
19	J1085984	Washer	
20	J1199389	Screw	
21	JA-56916	Knob	
22	JA-86858	Decal and Plate Assembly	
23	JA-54183	Thermostat	150 - 400° F

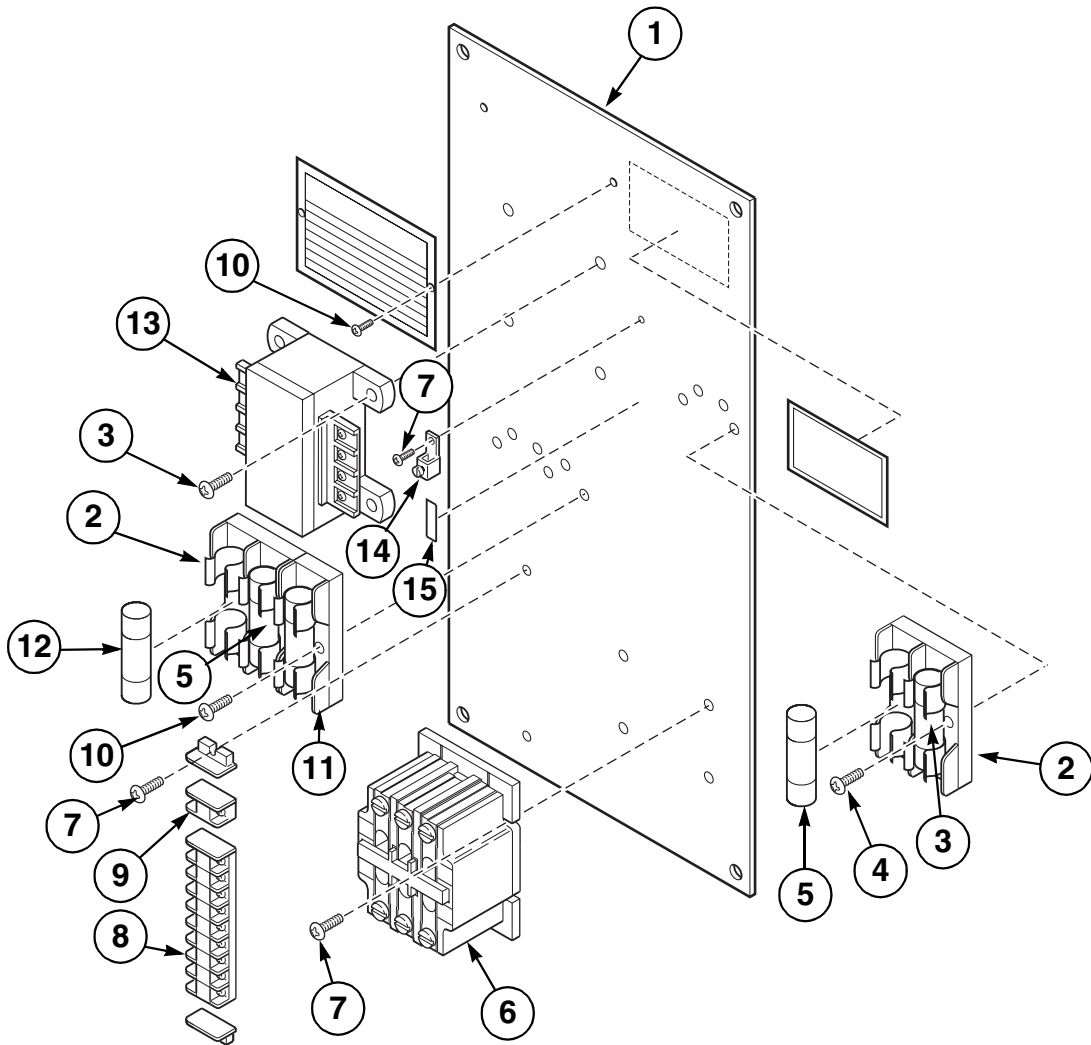
Control Enclosure



Control Enclosure

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1001304	Washer	2 required
2	J1018571	Pipe Coupling	2 required
3	J1438357	Quick Tubing Tee	3 required
4	JC-28235	Street Pipe Elbow	4 required
5	J1407741	Swivel Tubing Elbow	2 required
6	J1362854	3-Way Solenoid Valve	
7	J1408004	Connector	
8	J1364181	Pressure Switch	2 required
9	JA-52426	Screw	4 required
10	JC-80513	Washer	8 required
11	J1185073	Washer	8 required
12	20275	Nut	8 required
13	J1593268	Enclosure Weldment	
14	J1427103	Vent Plug	8 required
15	J1606722	Control Box Insulation	

Control Panel Assembly

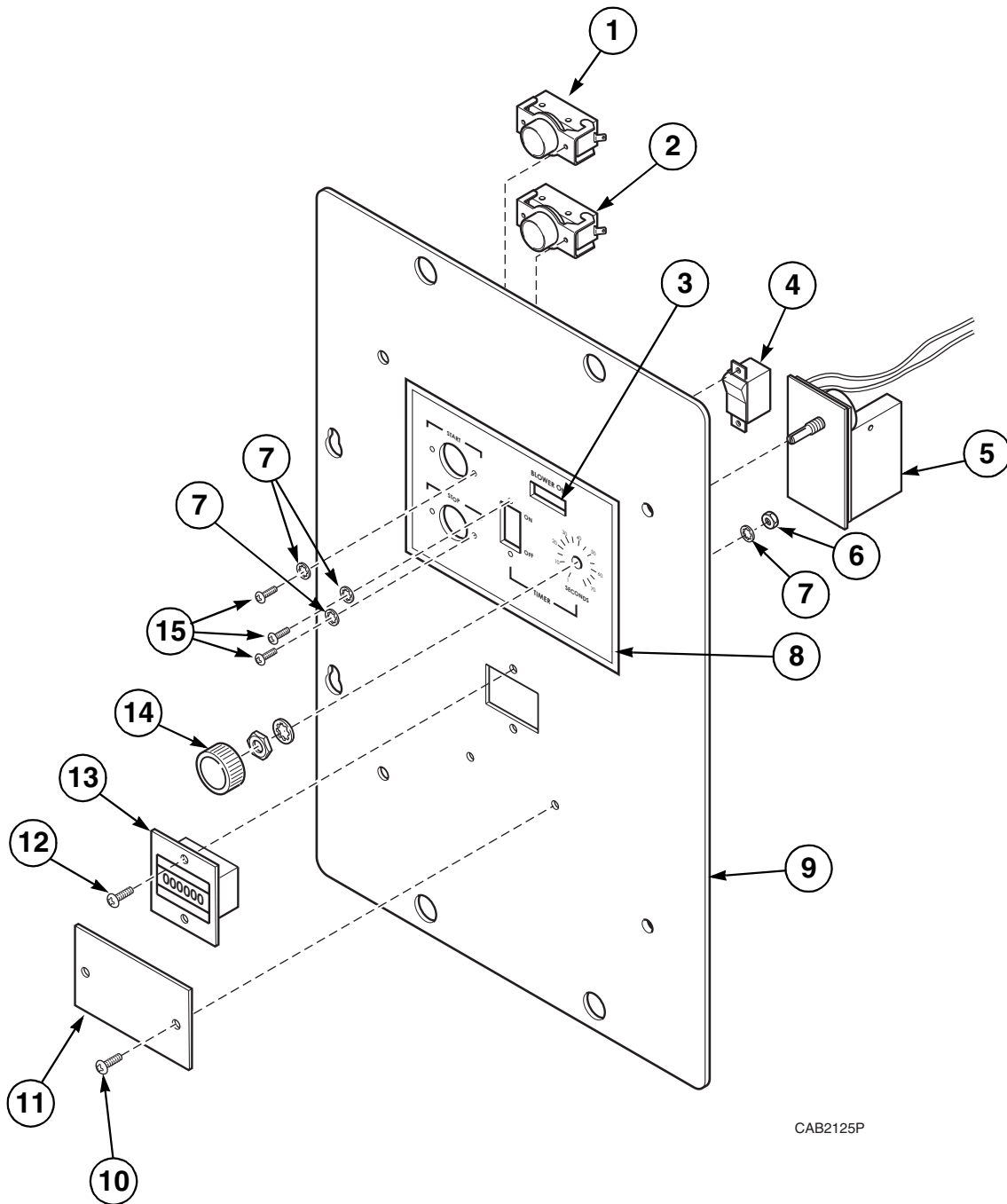


CAB2124P

Control Panel Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JC-57855	Contactor	
	J1081710	Fuse Block	
1	J1596337	UL Control Panel	
2	J1401884	Fuse Holder	2 required
3	J1235142	Fuse Block	30 Amp; 2 required
4	J1323153	Screw	11 required
5	JC-31691	Fuse	250 Volt; 2 Amp; 2 required
	J1234665	Fuse	250 Volt; 10 Amp; 2 required
6	J1606813	Auxiliary Contact Block	
7	JC-64014	Screw	4 required
8	J1081793	Terminal Block	9 required
9	J1085943	End Terminal Block	
10	J1378603	Screw	6 required
11	J1625045	Transformer Mount	
12	J1545417	Fuse	575 Volt; .8 Amp; 2 required
	J1477496	Fuse	600 Volt; 1 Amp; 2 required
	J1408780	Fuse	460/575 Volt; 5 Amp; 2 required
	J1422930	Fuse	380/415 Volt; 6 Amp; 2 required
	J1235944	Fuse	250 Volt; 1 Amp
13	J1475953	Transformer	380/415 Volt; 100va
	J1475946	Transformer	575 Volt; 100va
	J1475938	Transformer	208-230/460 Volt; 100va
	JC-72982	Transformer	460 Volt
14	J1189125	Terminal Lug	
15	J10-607	Ground Wire Label	

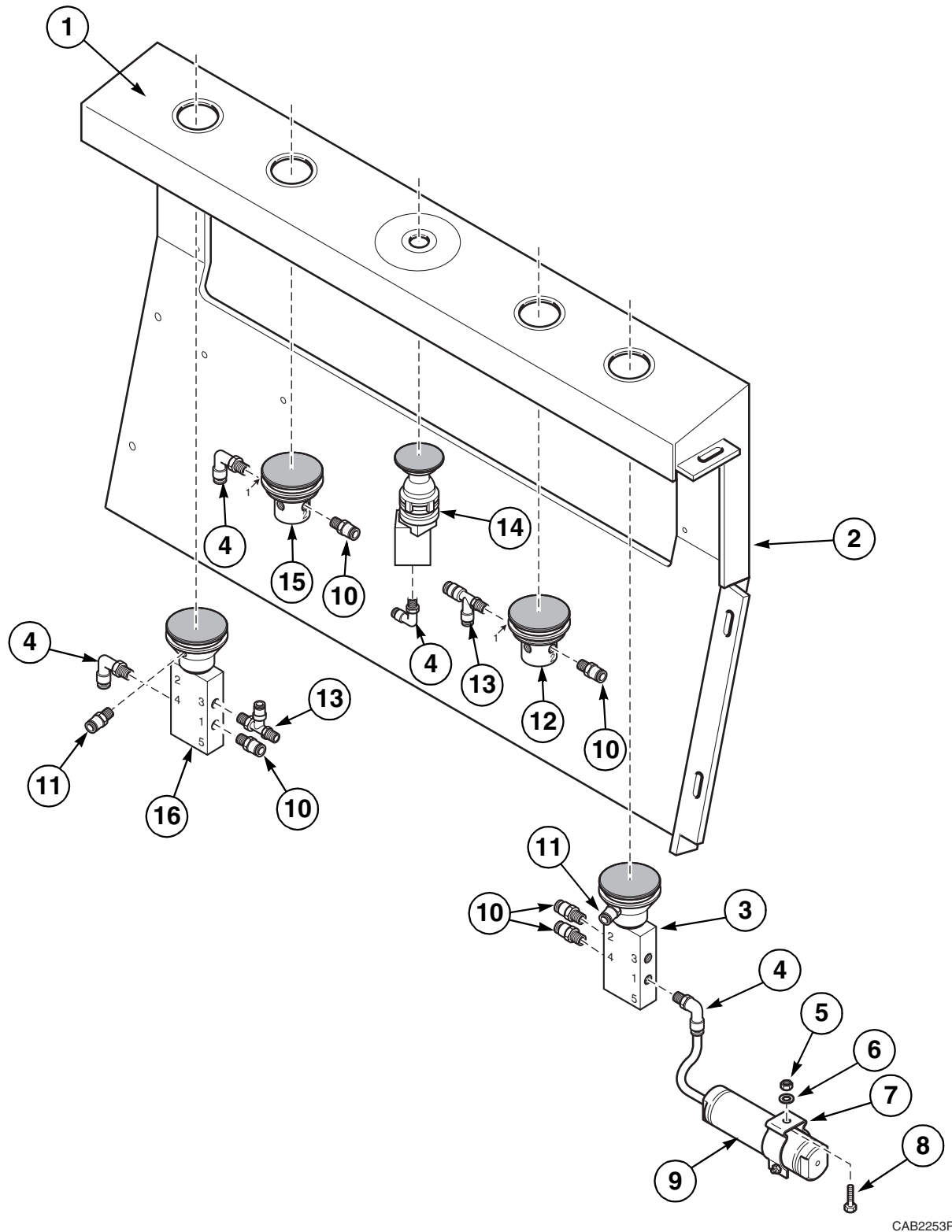
Control Box Cover Assembly



Control Box Cover Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J200057500	Control Box Cover Assembly	Includes items 1-15
1	M400954P	Push-to-Start Switch Kit	Black
2	J200204600P	Pushbutton Switch	Red
3	JST-163-2	Pilot Light	
4	J1236306	Rocker Switch	
5	J200043100	Common Timer PCB	
6	02788	Nut	2 required
7	J1216357	Washer	8 required
8	J1516921	Operating Control Nameplate	
9	J1596386	Control Box Cover	
10	JA-55715	Blind Rivet	2 required
11	J200156400	Lockout/Tagout Warning Decal	
12	J1112887	Screw	2 required
13	J1530765	Counter	
14	JE-66023	Knob	
15	J1233162	Screw	6 required

Control Panel Assembly

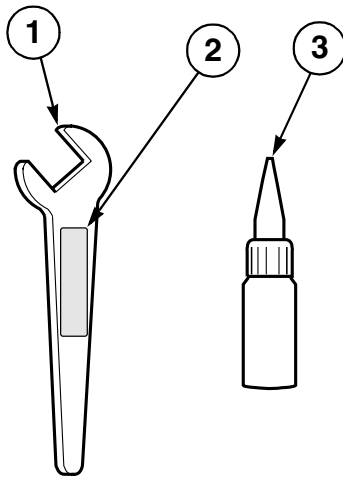


CAB2253P

Control Panel Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J200096401	Control Panel Assembly	Includes items 1-4 and 10-16
	J200098400	Reservoir Kit	Includes items 5-9
1	J0231633-00	Panel Overlay	
2	J200059800	Control Panel Cover Weldment	
3	J200217100	Pushbutton	Gray; 4-way valve; Models through March 2004
	J200115200	Button and Orifice Assembly	Models starting April 2004; Includes J200217100 Pushbutton, J0140961-00 Connector and JA-52776 Orifice Fitting
4	J1407741	Swivel Tubing Elbow	3 required
5	20275	Nut	
6	J1185073	Washer	
7	JC-35100	Conduit Hanger	
8	F430935	Screw	
9	J200041400	Pneumatic Reservoir	
10	J1408004	Connector	5 required
11	J0140961-00	Connector	2 required
12	J200012400	Pushbutton	Black; 3-way valve
13	J1438357	Quick Tubing Tee	2 required
14	J1635069	Emergency Stop Button Assembly	Refer to <i>Emergency Stop Button Assembly</i> section for parts breakdown
15	J200012300	Pushbutton	Red; 3-way valve
16	J200217200	Pushbutton	Gray; 4-way valve

Shipped Box Items

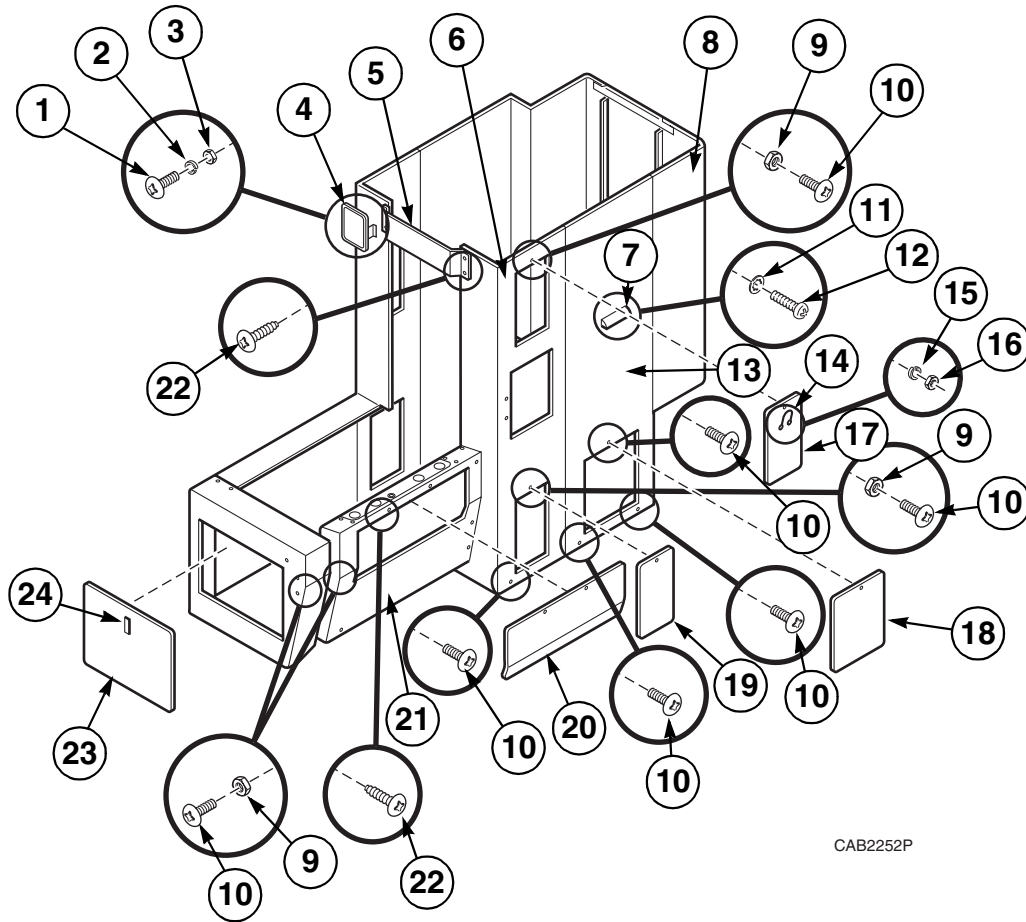


CAB2366P

Shipped Box Items

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

Panels Assembly (Front View)

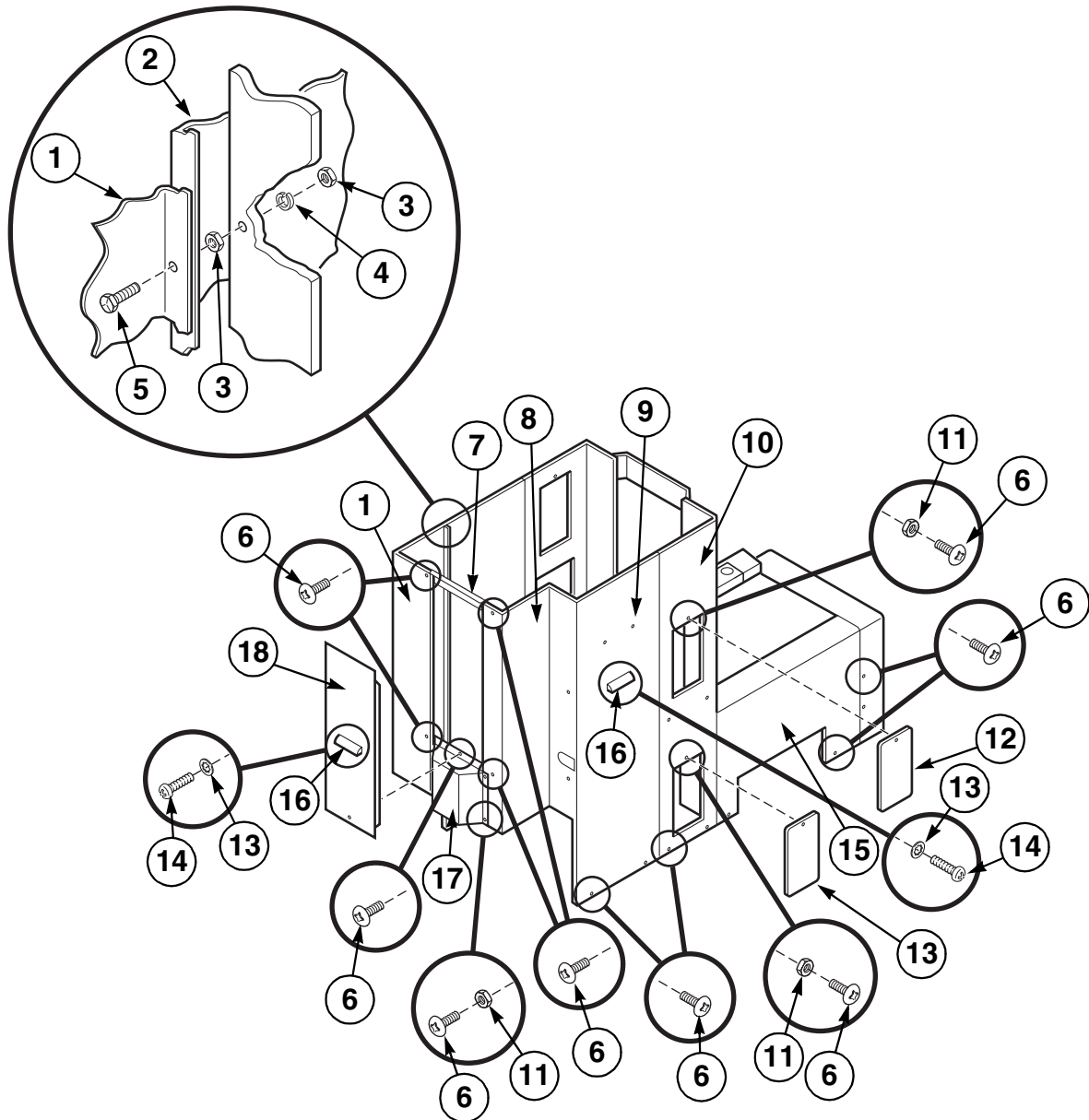


CAB2252P

Panels Assembly (Front View)

REF	PART NO.	DESCRIPTION	COMMENTS
1	JA-50394	Screw	2 required
2	J1185073	Washer	2 required
3	20275	Nut	2 required
4	J1528579	Mirror Mounting Bracket	
5	J1542091	Left Top Cover	
6	J200059300	Front Left Cover	
7	J1240985	Handle	3 required
8	J200169900	Front Right Cover	
9	J1348192	Nut	27 required
10	J1111095	Screw	45 required
11	J1085984	Washer	6 required
12	J1187228	Screw	6 required
13	J200169800	Front Middle Cover	
14	J200008300	Garment Hook	
15	M400013	Washer	7 required
16	70142	Nut	7 required
17	J1562800	Access Panel Cover Weldment	
18	J200046700	Access Panel Cover Weldment	
19	J1550813	Access Panel Cover Weldment	3 required
20	J200060300	Door Panel Weldment	
21	J200096400	Operator Control Panel Assembly	Refer to <i>Operator Control Panel Assembly</i> section for parts breakdown
22	J1063619	Screw	8 required
23	J200173300	Left Cover Weldment	
24	J1614809	Lift and Turn Latch	

Panels Assembly (Rear View)

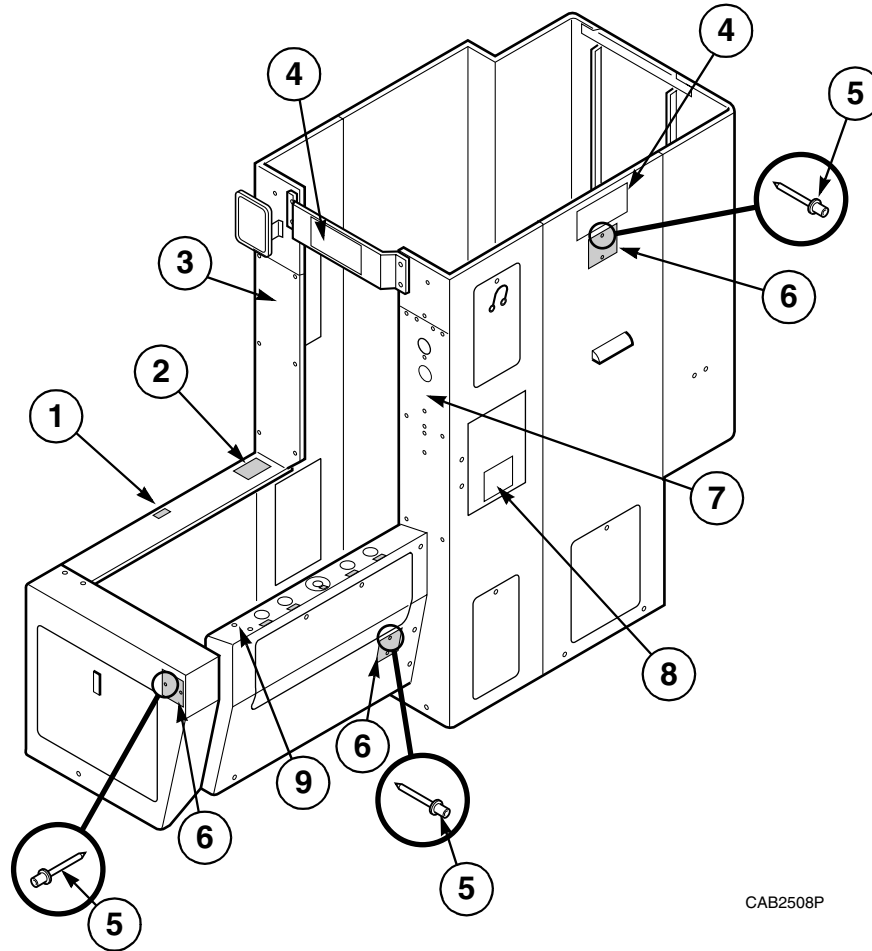


CAB2127P

Panels Assembly (Rear View)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J200169900	Front Right Cover	
2	J200169800	Front Middle Cover	
3	70142	Nut	10 required
4	M400013	Washer	7 required
5	J1531789	Screw	3 required
6	J1111095	Screw	45 required
7	J1520311	Rear Cover Support	2 required
8	J200054800	Right Rear Cover	
9	J200170100	Rear Middle Cover	
10	J200170201	Rear Left Cover	
11	J1348192	Nut	27 required
12	J1550813	Access Panel Cover Weldment	3 required
13	J1085984	Washer	6 required
14	J1187228	Screw	6 required
15	J200170300	Rear Rail Cover	
16	J1240985	Handle	3 required
17	JA-22938	Drive Cylinder Cover	
18	J200170000	Right Middle Cover	

Label Application (Front View)

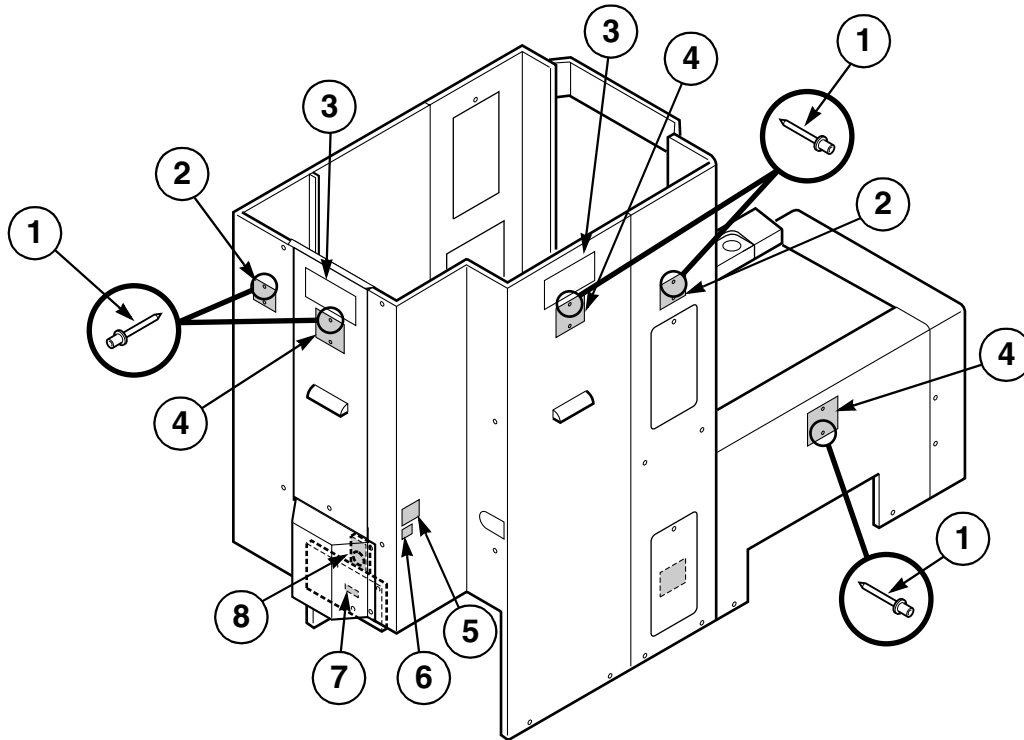


CAB2508P

Label Application (Front View)

REF	PART NO.	DESCRIPTION	COMMENTS
1	JA-24370	Scotchcal Decal	Clean filter weekly
2	J1556471	Warning Nameplate	
3	J200030201	Graphic Panel	
4	70240801	Nameplate Overlay	4 required for whole assembly
5	J1323724	Blind Rivet	20 required for whole assembly
6	J200156500	Shut-Off Warning Decal	6 required for whole assembly
7	J200030200	Graphic Panel	
8	J200156400	Lockout/Tagout Warning Decal	
9	J0231633-00	Panel Overlay	

Label Application (Rear View)

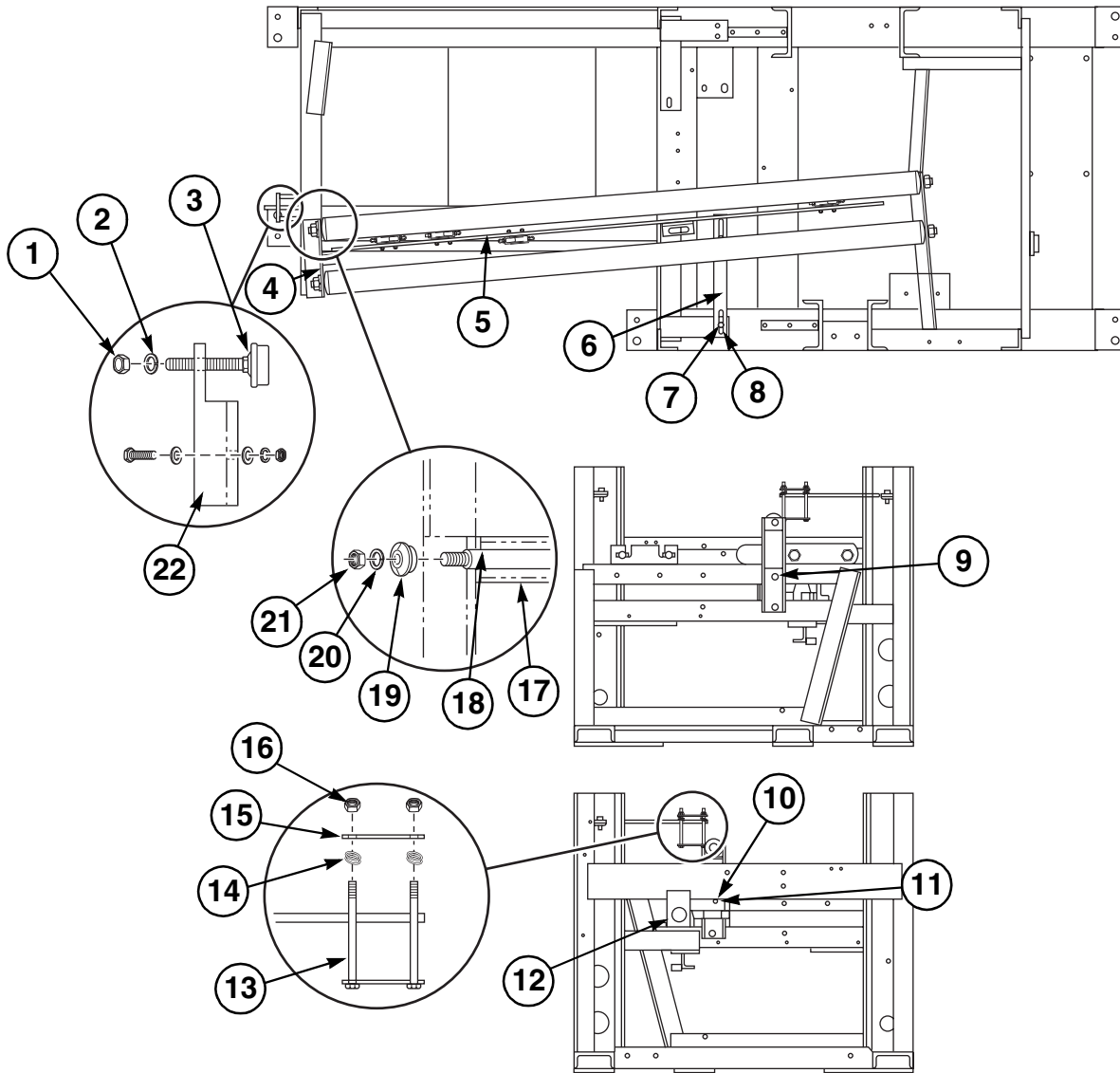


CAB2255P

Label Application (Rear View)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1323724	Blind Rivet	20 required in whole assembly
2	J200171800	Guards Warning Decal	2 required in whole assembly
3	70240801	Nameplate Overlay	4 required in whole assembly
4	J200156500	Shut-Off Warning Decal	6 required in whole assembly
5	JA-17842	Air Inlet Label	
6	J1326156	Air Pressure Label	
7	JA-17840	Steam Return Label	
8	JA-17841	Steam Inlet Label	

Completing Parts



CAB2317P

Completing Parts

REF	PART NO.	DESCRIPTION	COMMENTS
1	20274	Nut	
2	M400014	Washer	
3	JA-56790	Bumper Assembly	
4	J200160500	Capture Plate	
5	J200020301	Roller Support Assembly	Refer to <i>Roller Support Assembly</i> section for parts breakdown
6	J1615186	Indexing Plate	
7	M400056	Screw	2 required
8	M400080	Washer	2 required
9	91202	Screw	2 required
10	M400013	Washer	4 required
11	70142	Nut	2 required
12	J1185073	Washer	2 required
	J1393354	Washer	4 required
	JA-53020	Screw	2 required
13	J1615020	Indexing Cylinder Weldment	
14	J1039676	Tapered Compression Spring	2 required
15	J1615012	Indexing Plate	
16	JC-43023	Nut	4 required
17	J200041100	Tube	2 required
18	JA-23189	Rod Rail	2 required
19	J200133500	Rail Slug Insert	4 required
20	J1001106	Washer	4 required
21	J1000850	Nut	4 required
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