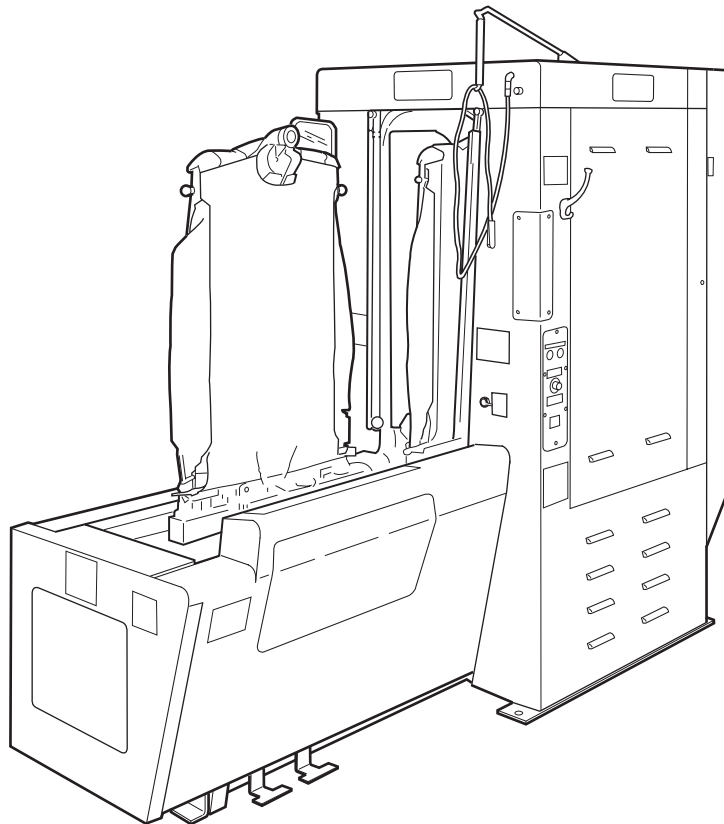


Classic Cabinet, Bosom, Body and Yoke Press

Models Starting 1980
Refer to Page 7 for Model Numbers



CAB1820C

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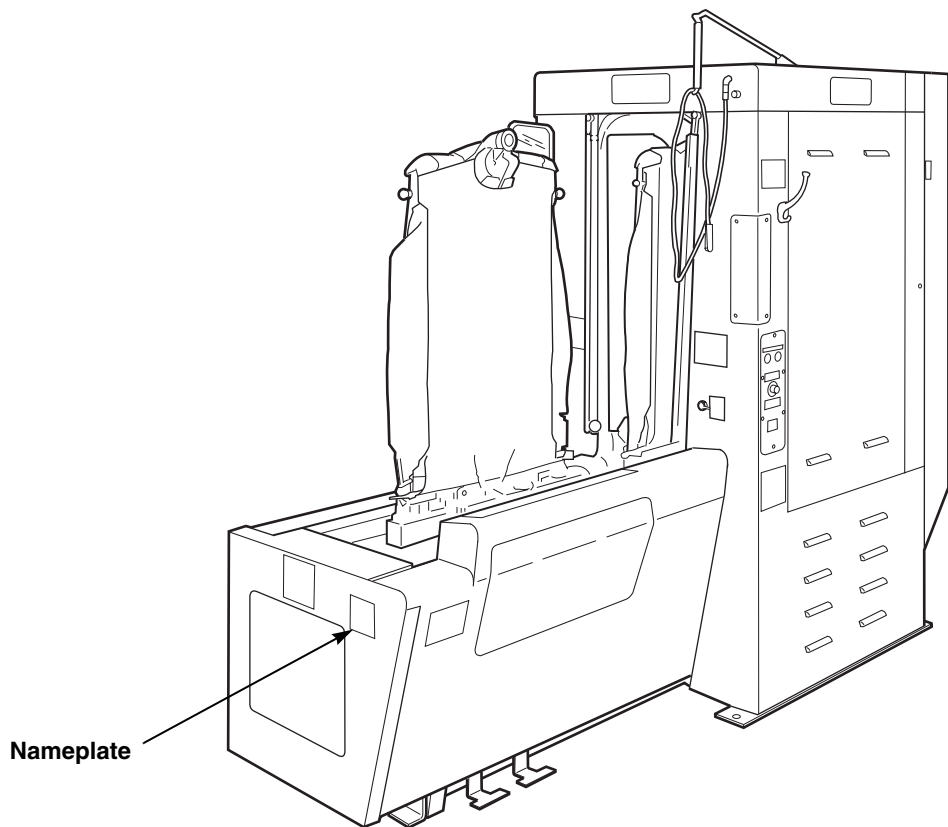
Parts Ordering Information

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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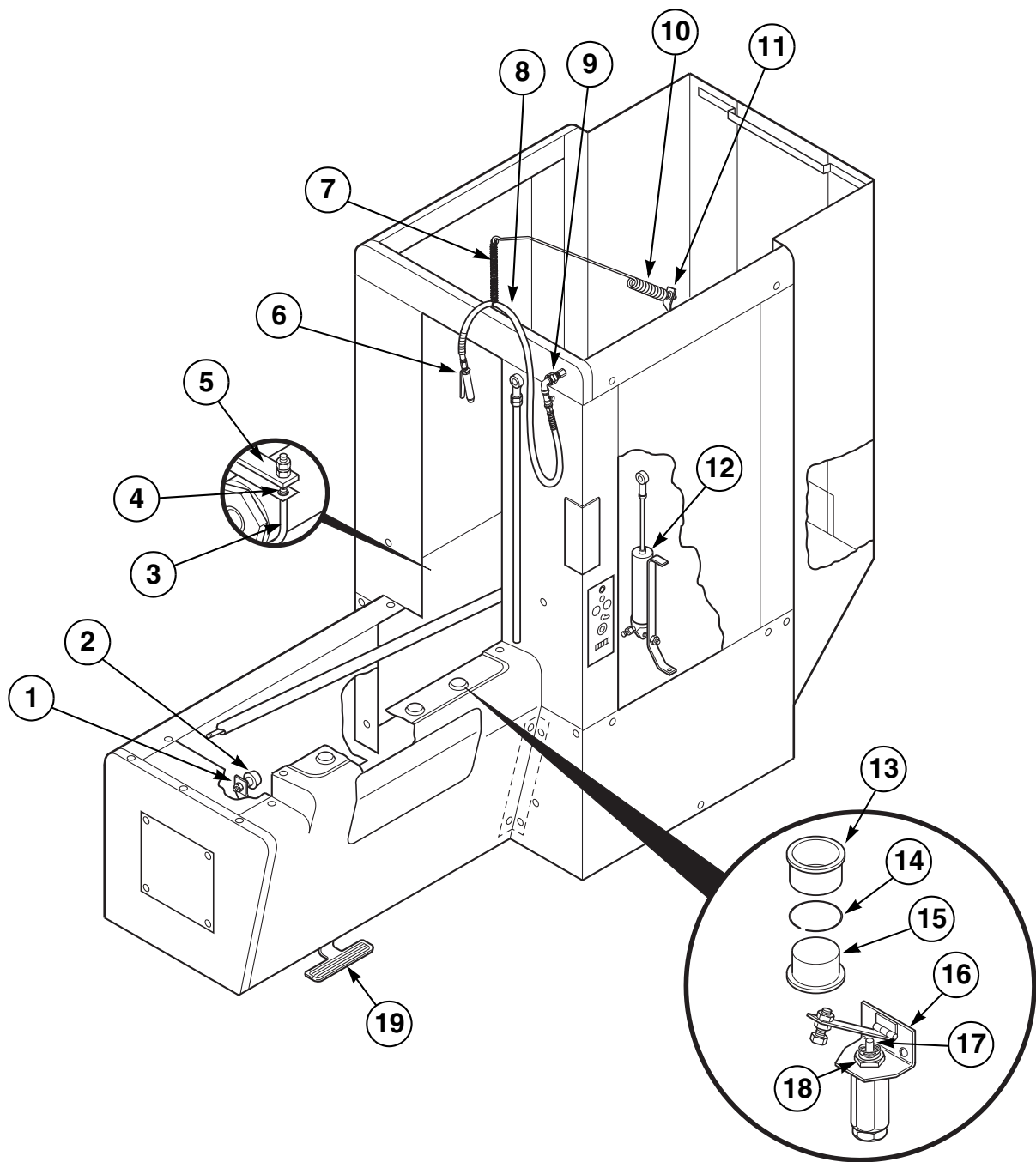
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Model Identification

Information in this manual is applicable to these models:

Old Model	New Model
CBBY-C	ACBBYC
CBBY-CV	ACBBYCV
DFB-C	ADFBC
DFB-CV	ADFBCV

Covers and Components (Drawing 1 of 2)

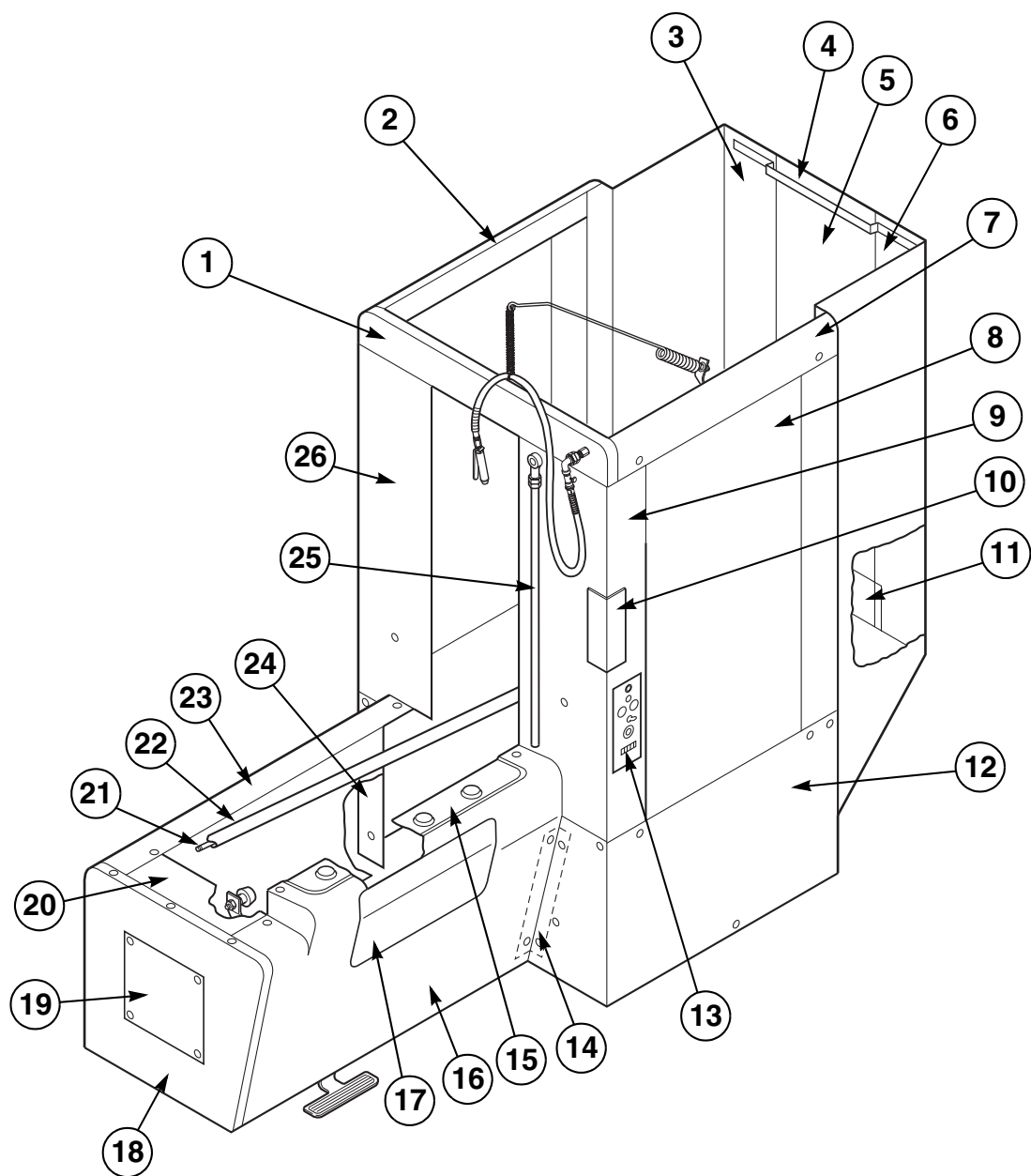


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Covers and Components (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	JA-23959	Buck Stop Bumper	2 required
2	JA-56790	Bumper Assembly	6 required
3	JA-53890	U-Bolt	
4	J1039676	Tapered Compression Spring	4 required
5	JA-22986	Drive Cylinder Support	
6	JA-51792	Water Gun	Refer to <i>Water Gun</i> section for parts breakdown
7	JA-50949	Spring	
8	JA-51793	Hose Assembly	
9	J1246024	Needle Valve	Brass
10	JA-52160	Special Extension Spring	Spray gun
11	JA-23002	Spray Gun Bracket	
12	JA-80232	Hydraulic Check Assembly	Refer to <i>Hydraulic Check Assembly</i> section for parts breakdown
13	J1591361	Grommet	Green
	J1591320	Grommet	Red; 3 required
14	JA-17705	Lock Ring	4 required
15	JA-04664	Pushbutton Assembly	Green
	JA-04665	Pushbutton	Red; 3 required
16	JA-00546	Bracket Assembly	4 required
17	JA-50447	Spring	4 required
18	JA-12900	Nut	4 required
19	JA-81151	Pedal Base Assembly	Refer to <i>Pedal Base Assembly</i> section for parts breakdown

Covers and Components (Drawing 2 of 2)

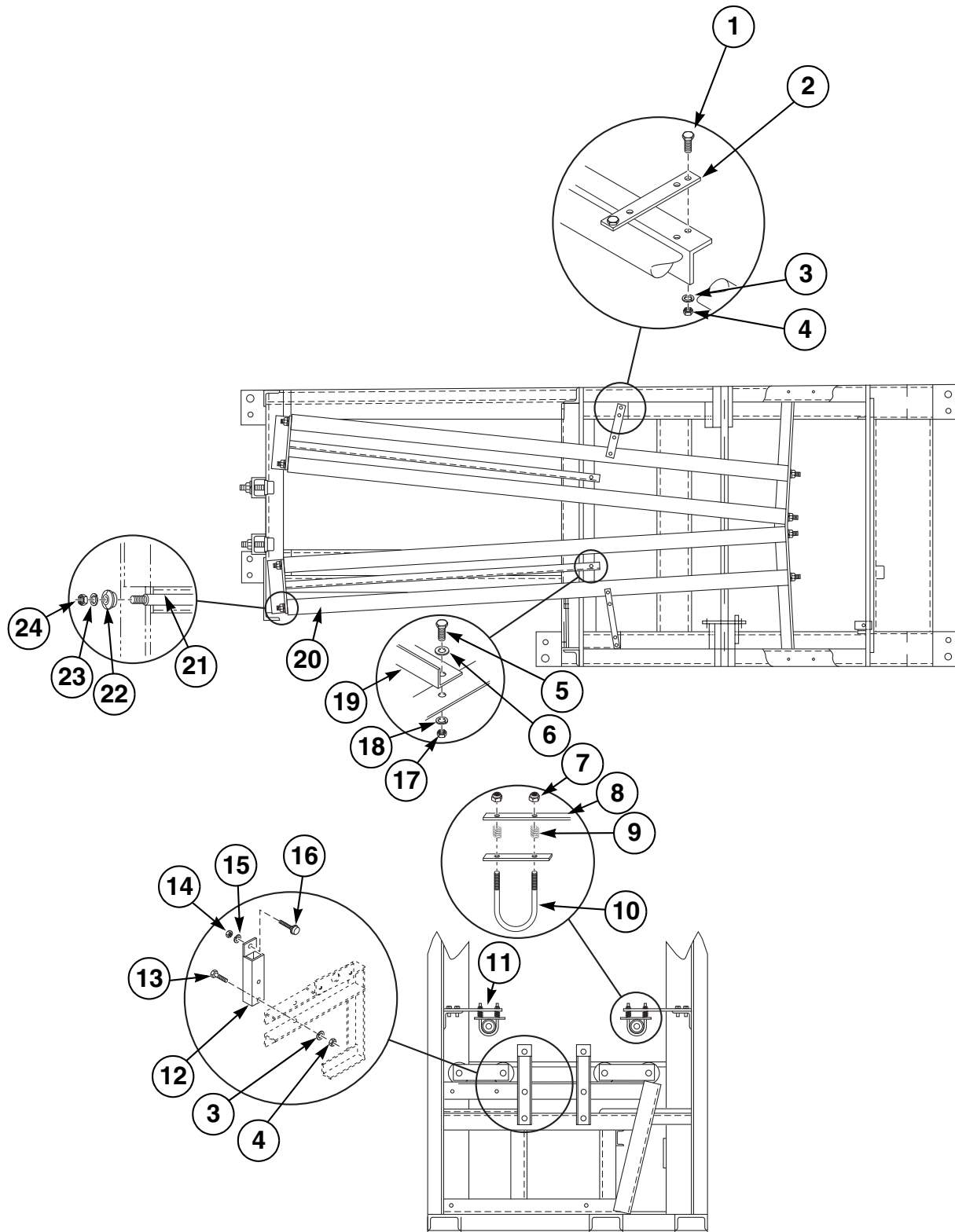


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Covers and Components (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	JA-22939	Top Front Panel	
2	JA-25957	Left Top Panel	
3	JA-22925	Right Rear Cover	
4	JA-23647	Right Cover Tie Bar	
5	JA-18686	Rear End Door	
6	J1566140	Right Front Cover	
7	J1566157	Right Side Top Cover	
8	JA-22933	Door Frame	2 required
9	J1571074	Left Front Cover	Double timer
	J1571082	Left Front Cover	Single timer
10	JA-16349	Shield	Plastic
11	JA-22938	Drive Cylinder Cover	
12	JA-08946	Front Base Cover	ADFBC and ACBBYC models only
	J1479336	Front Base Cover Weldment	ADFBCV and ACBBYCV models only
13	JA-22937	Electric Box Cover	
14	JA-23212	Corner Cover	2 required
15	JA-09204	Control Console Weldment	
16	JA-09171	Left Front Rail Cover	ADFBC and ACBBYC models only
	J1479294	Left Front Rail Cover Weldment	ADFBCV and ACBBYCV models only
17	J1440593	Door Panel Assembly	
18	JA-22927	Front End Rail Cover	
19	J1081645	Control Box Cover	
20	JA-22942	Rail Top Cover	2 required
21	JA-23189	Rod Rail	2 required
22	J200041100	Tube	
23	JA-22935	Left Rear Rail Cover	
24	JA-08947	Rear Base Cover	
25	JA-09931	Safety Bar Assembly	2 required; Refer to <i>Safety Bar Assembly</i> section for parts breakdown
26	J1571090	Left Rear Cover	

Completing Parts

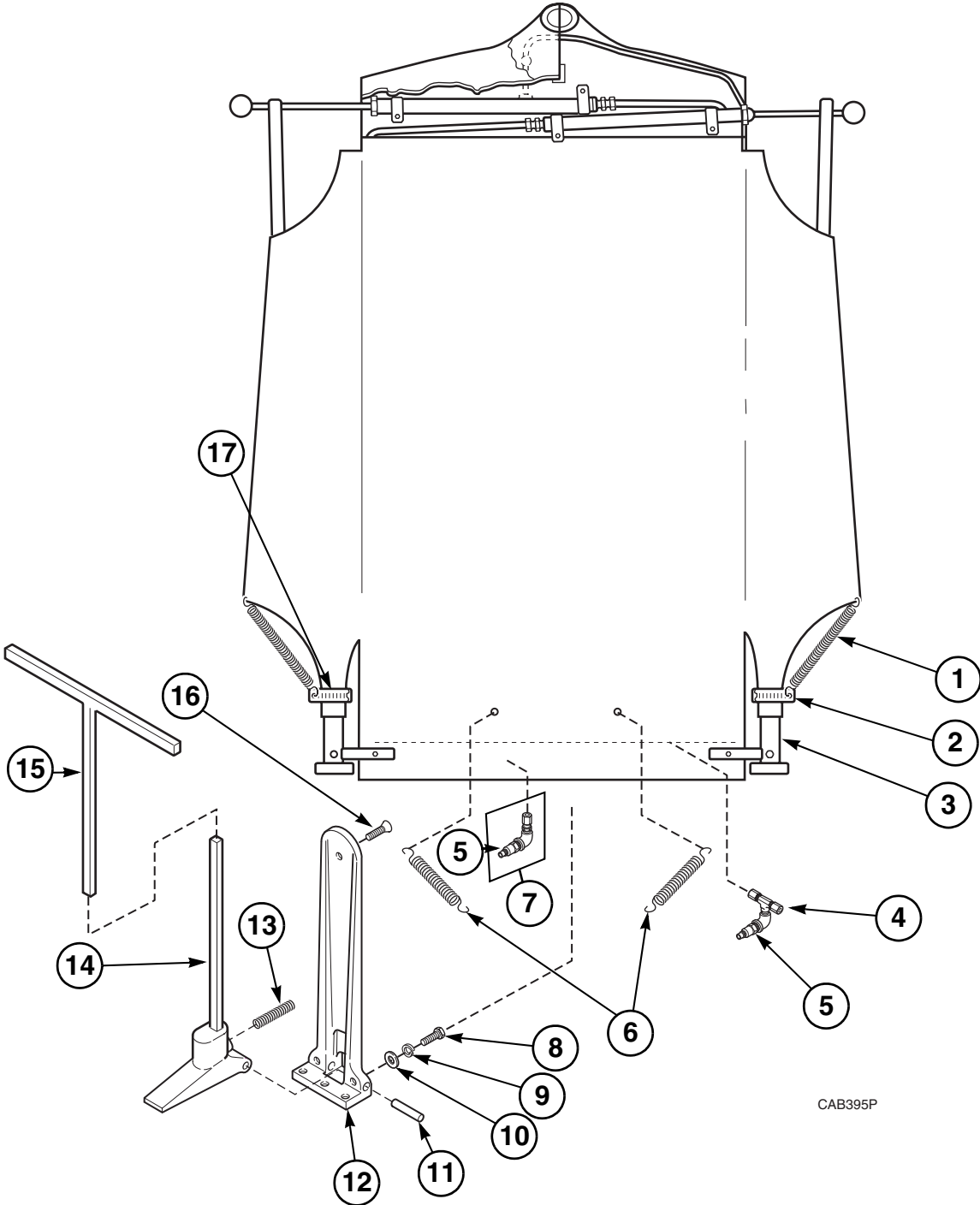


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Completing Parts

REF	PART NO.	DESCRIPTION	COMMENTS
1	M400056	Screw	2 required for ACBBY models and 4 required for ADFB models
2	J1534122	Cylinder Mounting Bracket	1 required for ACBBY models and 2 required for ADFB models
3	M400013	Washer	4 required for ACBBY models and 8 required for ADFB models
4	70142	Nut	4 required for ACBBY models and 8 required for ADFB models
5	JA-52426	Screw	2 required for ACBBY models and 4 required for ADFB models
6	J1393354	Washer	2 required for ACBBY models and 4 required for ADFB models
7	JC-43023	Nut	2 required for ACBBY models and 4 required for ADFB models
8	J1534106	Front Cylinder Bracket	
9	J1039676	Tapered Compression Spring	2 required for ACBBY models and 4 required for ADFB models
10	JA-53890	U-Bolt	1 required for ACBBY models and 2 required for ADFB models
11	J1534114	Rear Cylinder Bracket	1 required for ADFB models
12	JA-23959	Buck Stop Bumper	1 required for ACBBY models and 2 required for ADFB models
13	JA-53388	Screw	2 required for ACBBY models and 4 required for ADFB models
14	20274	Nut	1 required for ACBBY models and 2 required for ADFB models
15	M400014	Washer	1 required for ACBBY models and 2 required for ADFB models
16	JA-56790	Bumper Assembly	1 required for ACBBY models and 2 required for ADFB models
17	20275	Nut	1 required for ACBBY models and 2 required for ADFB models
18	J1185073	Washer	2 required for ACBBY models and 4 required for ADFB models
19	JA-23018	Angle	1 required for ACBBY models and 2 required for ADFB models
20	J200041100	Tube	2 required for ACBBY models and 4 required for ADFB models
21	JA-23189	Rod Rail	2 required for ACBBY models and 4 required for ADFB models
22	J200133500	Rail Slug Insert	4 required for ACBBY models and 8 required for ADFB models
23	J1001106	Washer	4 required for ACBBY models and 8 required for ADFB models
24	J1000850	Nut	4 required for ACBBY models and 8 required for ADFB models

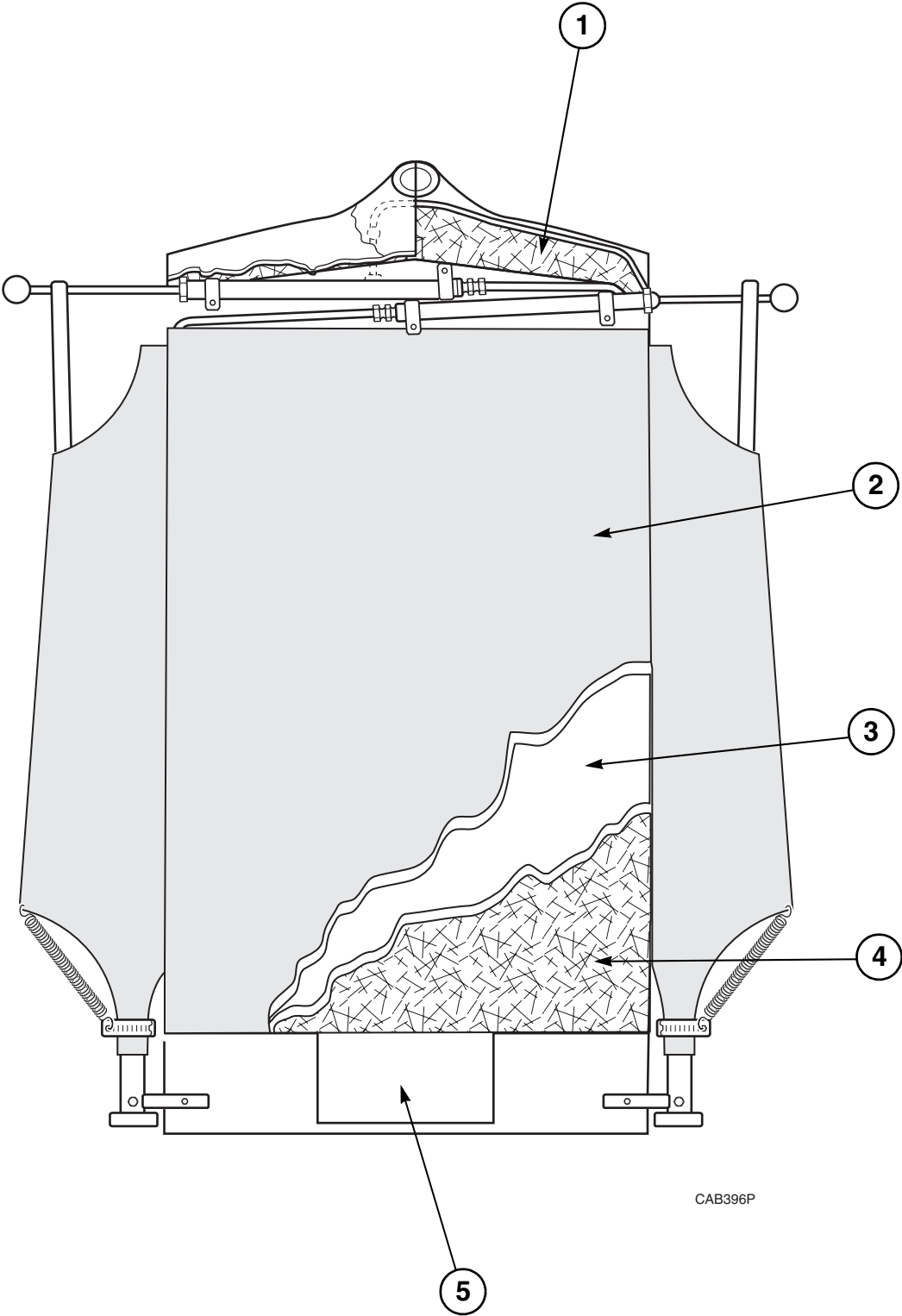
Buck and Cover Assembly



Buck and Cover Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
1	JA-52758	Spring	
2	J1153865	Worm Gear Clamp	
3	JA-80328	Air Bag Tube Assembly	
4	JA-09835	Elbow and Tee Assembly	
5	J1075175	Compression Connector	
6	JA-51455	Compression Spring	
7	JA-09836	Elbow Connector	
8	JA-53615	Screw	
9	J1185073	Washer	2 required
10	J1178391	Washer	2 required
11	JA-19051	Tail Clamp Shaft	
12	JA-19037	Guide Shaft	
13	JA-51399	Extension Spring	
14	J1299262	Tail Clamp Pivot Weldment	
15	J1299296	Tail Clamp Assembly	Standard, Army-A1 and Army-A2 models
	J1299304	Tail Clamp Assembly	Boys and Ladies models
	J1411719	Tail Clamp Assembly	Japanese models
16	JC-62264	Screw	
17	JA-51758	Safety Pin	

**Buck and Cover Assembly – Models ACBBYC, ACBBYCV
and ADFBC**

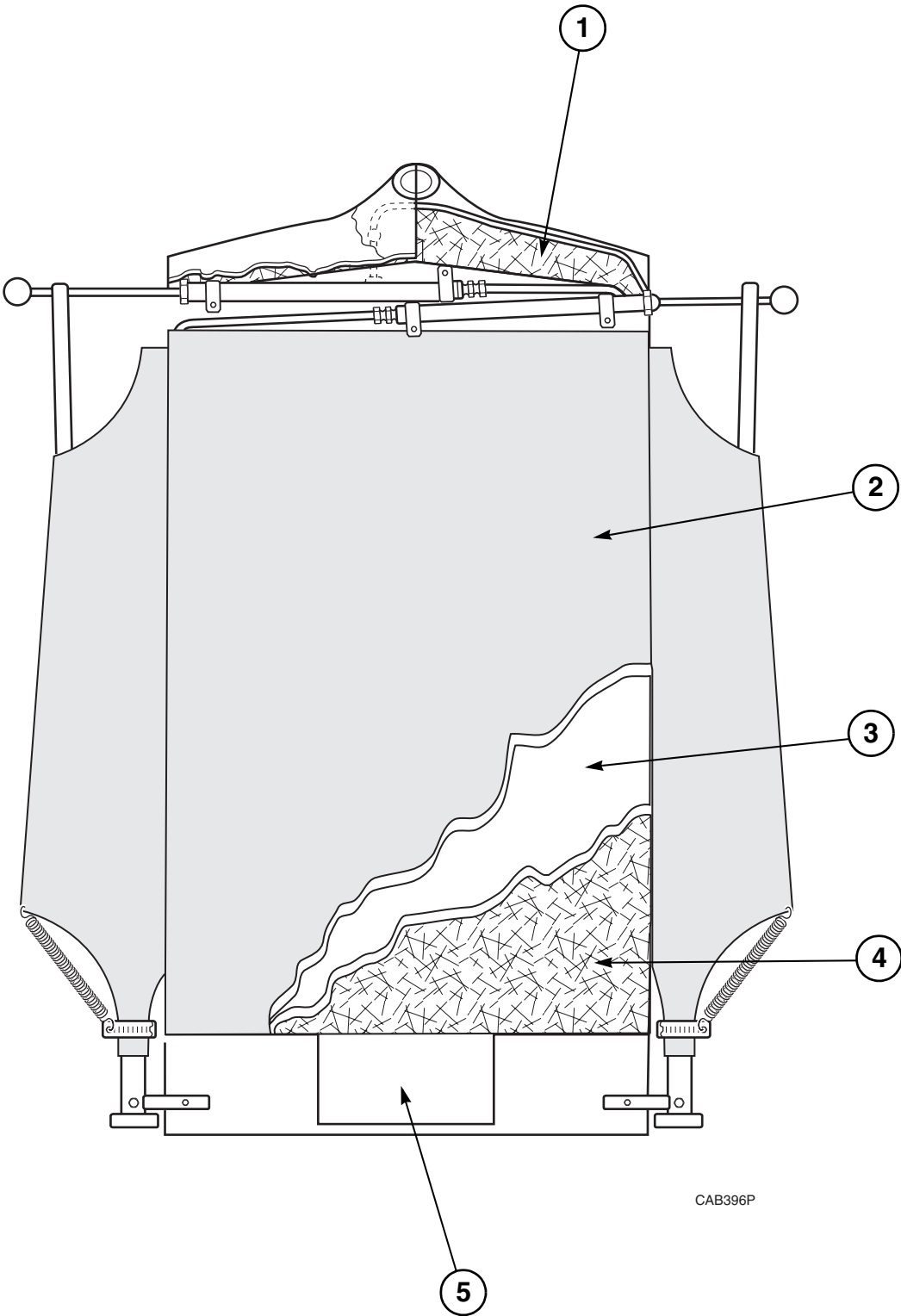


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Buck and Cover Assembly – Models ACBBYC, ACBBYCV and ADFBC

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09475	Buck and Cover Assembly	18 inch
	JA-09068	Buck and Cover Assembly	20 inch
	JA-09519	Buck and Cover Assembly	Small Shirt
	JA-09169	Buck and Cover Assembly	Army-A2
	J200180400	16 Inch Rear Buck Kit	
	JA-53615	Screw	2 required
	JA-24579	Mounting Bracket Clamp	
	JA-24245	Nut	2 required
	J1494251	Cover and Bag Assembly	18 inch; Coat, Ladies, Army-A2 and Ivy League
	J1494160	Yoke Assembly	Army-A1
	JA-53397	Spring	
1	JA-09474	Padding	18 inch
	JA-09023	Spring Padding Assembly	20 inch
	JA-09390	Padding	Small Shirt
	JA-09156	Spring Padding Assembly	Army-A2
2	J1473404	Air Bag	18 inch
	J1494251	Cover and Bag Assembly	20 inch
	J200151000	Bag Cover Assembly	Small Shirt
	J1494004	Cover and Bag Assembly	Army-A2
3	JA-09476	Padding Assembly	30 oz. flannel; 18 inch
	JA-09164	Padding Assembly	30 oz. flannel; 20 inch
	JA-09165	Padding Assembly	30 oz. flannel; Army-A1
4	J1444009	Padding Assembly	Monelo; Back; 18 inch
	JA-51520	Padding	Monelo; Back; 20 inch
	J1444009	Padding Assembly	Monelo; Front; 18 inch
	JA-53864	Wool Padding	Monelo; Front; 20 inch
5	JA-23788	Buck Plate	18 inch
	JA-24018	Buck Plate	20 inch
	JA-24020	Buck Plate	Army-A2

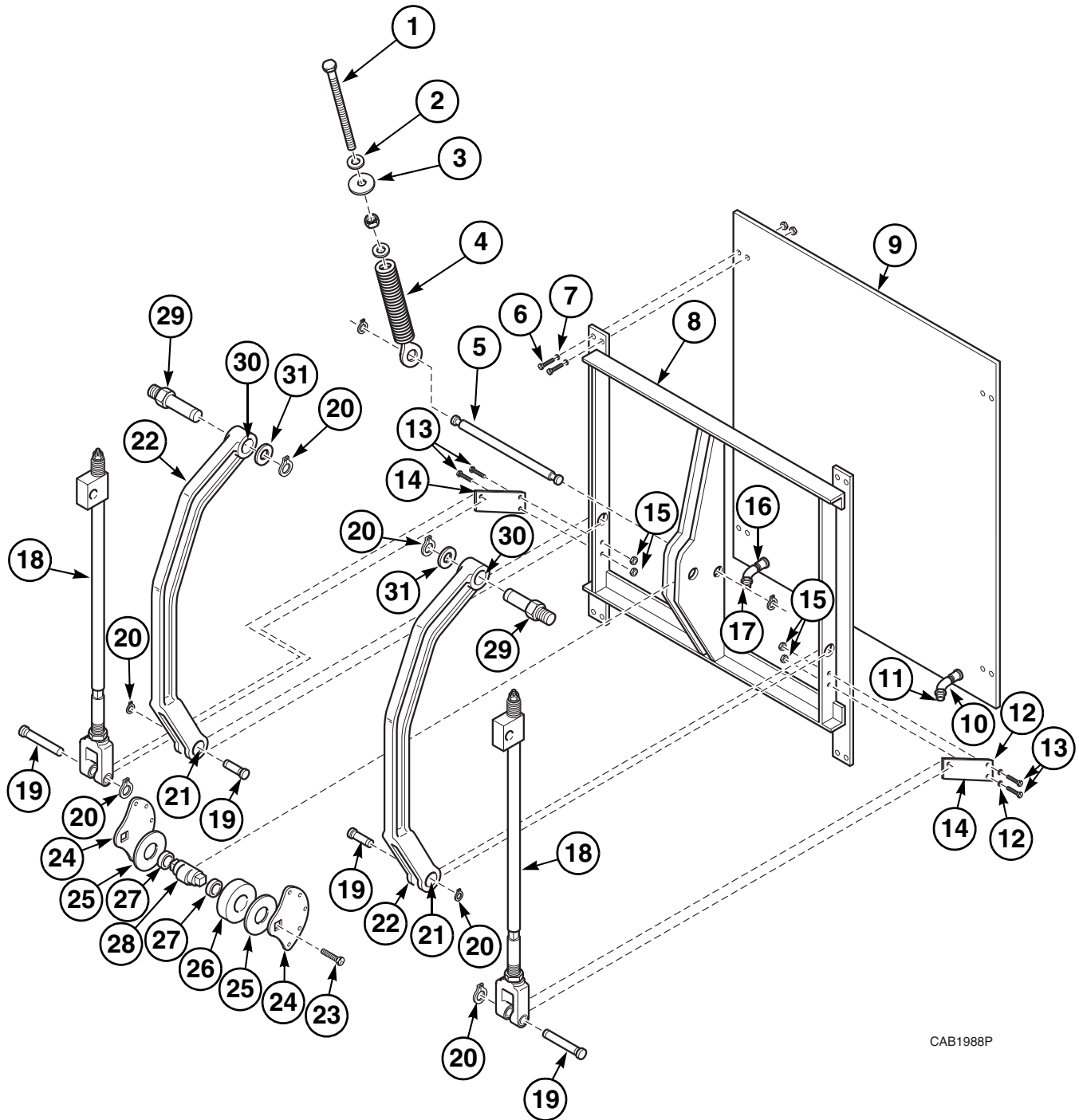
Buck and Cover Assembly – Model ADFBCV



Buck and Cover Assembly – Model ADFBCV

REF	PART NO.	DESCRIPTION	COMMENTS
	J1473529	Cover and Padding Assembly	18 inch; Front
	J1494293	Buck Cover and Pad Assembly	20 inch; Front
	J1473537	Cover and Padding Assembly	18 inch; Rear
	J1494301	Buck Cover and Pad	20 inch; Rear
	J200180400	16 Inch Rear Buck Kit	
	JA-53615	Screw	2 required
	JA-24579	Mounting Bracket Clamp	
	JA-24245	Nut	2 required
	JA-53397	Spring	Garter
1	J1470285	Spring Padding Assembly	18 inch
	J1494269	Spring Padding Assembly	20 inch
2	J1473404	Air Bag	18 inch
	J1494251	Cover and Bag Assembly	20 inch
3	J1473412	Flannel Pad	30 oz. flannel; 18 inch
	J1494244	Flannel Pad	30 oz. flannel; 20 inch
4	J1470277	Monel Wool Padding	Steel wool; 18 inch
	J1494277	Steel Wool Padding Assembly	20 inch
5	J1586015	Front Vacuum Buck Weldment	18 inch
	J1613637	Front Vacuum Buck Plate Weldment	20 inch
	J1590561	Rear Vacuum Buck Plate	18 inch
	J1610369	Rear Vacuum Buck Plate	20 inch

Rear Head Components



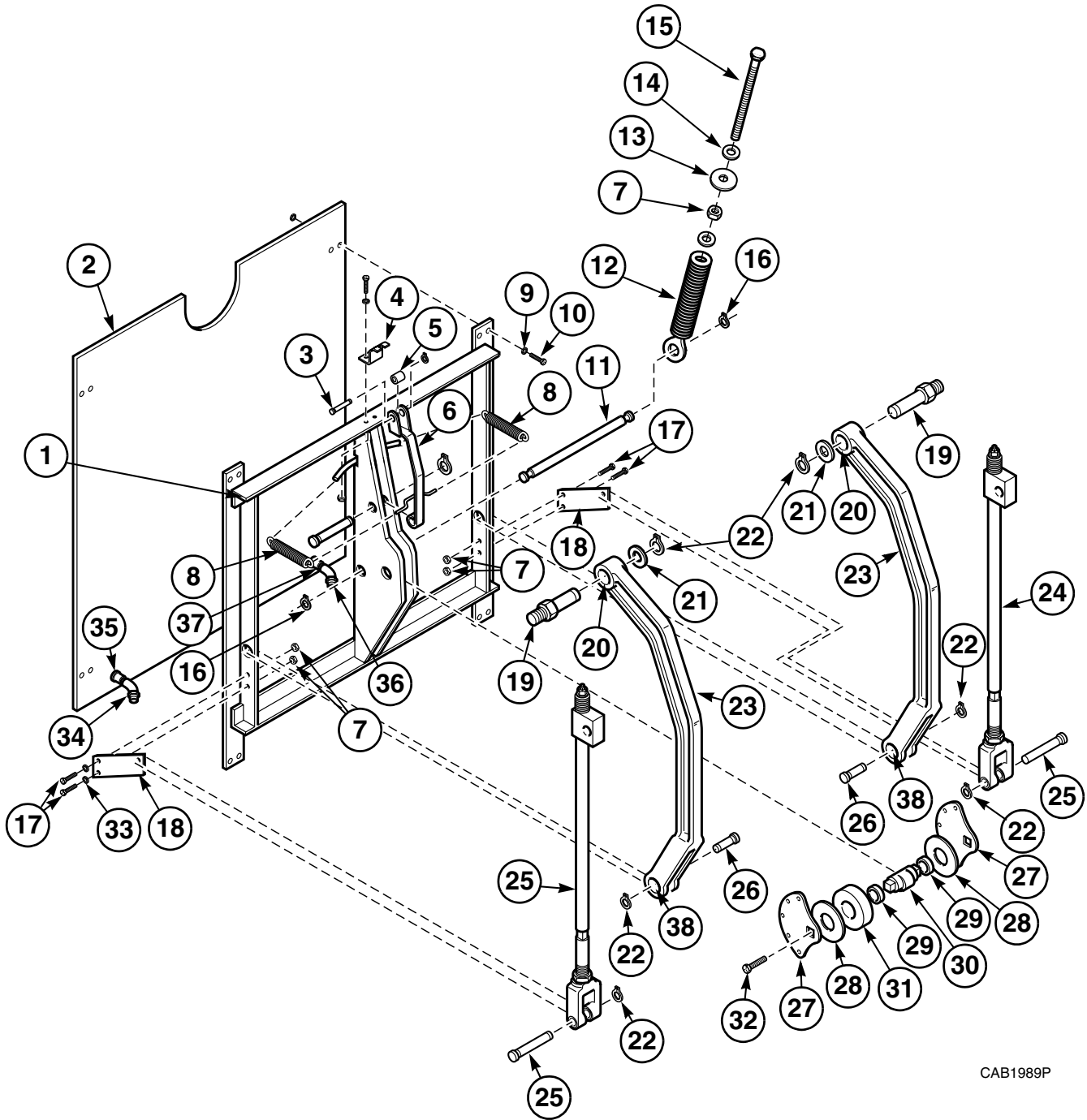
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Rear Head Components

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-08711	Head Hanger Actuating Assembly	Includes items 21, 22 and 30; 2 required
1	JA-10158	Screw	2 required
2	J1001304	Washer	2 required
3	JA-51527	Gasket	Rubber; 2 required
4	JA-08705	Spring Assembly	Head retracting
5	JA-22498	Spring Head Retraction Rod	
6	M400057	Screw	16 required
7	M400013	Washer	18 required
8	JA-80097	Head Frame Weldment	
9	JA-81886	Rear Head Weldment	
10	J1231521	Street Pipe Elbow	
11	J1319276	Flare Connector	
12	M400014	Washer	4 required
13	JA-51439	Screw	4 required
14	JA-22499	Pivot Bracket	2 required
15	20274	Nut	6 required
16	JA-50728	Nipple	
17	JC-28237	Pipe Elbow	
18	JA-09220	Head Adjusting Rod Assembly	2 required; Refer to <i>Head Adjusting Rod Assembly</i> section for parts breakdown
19	JA-22505	Hanger Pin	4 required
20	JA-51330	Retaining Ring	8 required
21	JA-50897	Oilless Sleeve Bearing	2 required
22	N/A	Head Hanger	2 required
23	JC-62724	Screw	2 required
24	JA-11761	Quadrant Eccentric	2 required
25	JA-16924	Bearing Shield	2 required
26	JA-50964	Roller Bearing	
27	JA-11763	Bearing Ring	2 required
28	JA-11762	Eccentric	
29	JA-22497	Pivot Pin	2 required
30	JA-53768	Sleeve Bearing	
31	JA-53134	Washer	4 required
32	JA-50976	Retaining Ring	2 required

N/A = Part no longer available

Front Head Components



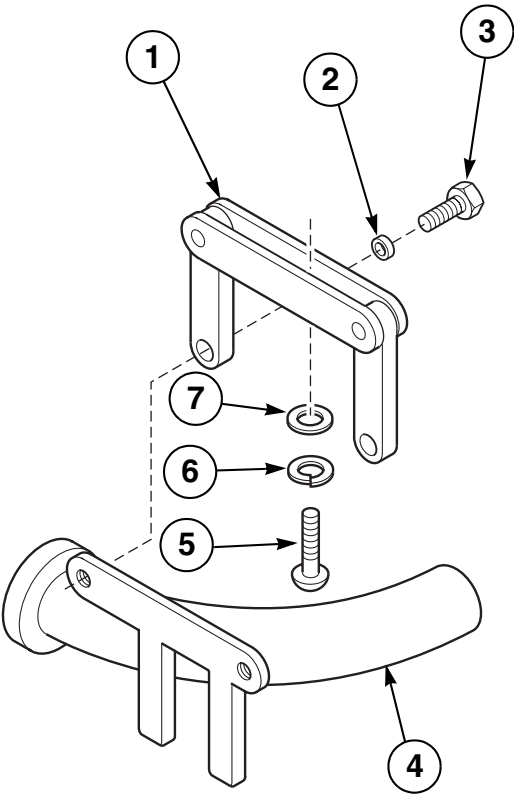
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Front Head Components

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-08711	Head Hanger Actuating Assembly	Includes items 20, 23 and 38; 2 required
	JA-80040	Snorkel Arm Assembly	Includes items 3, 5 and 6
	JA-24514	Valve Actuating Plate	
	JC-62905	Screw	
	JA-22500	Head Hanger Bar	
	JA-50203	Screw	
1	JA-80097	Head Frame Weldment	
2	JA-81887	Front Head Weldment	
3	JA-12126	Snorkel Arm Pin	
4	JA-24437	Clip	
5	JA-14880	Roller Snorkel Assembly	
6	JA-80039	Snorkel Arm Weldment	
7	20274	Nut	6 required
8	JA-50940	Extension Spring	2 required
9	M400013	Washer	18 required
10	M400057	Screw	16 required
11	JA-22498	Spring Head Retraction Rod	
12	JA-08705	Spring Assembly	2 required; Head retracting
13	JA-51527	Gasket	2 required; Rubber
14	J1001304	Washer	2 required
15	JA-10158	Screw	2 required
16	JA-50976	Retaining Ring	2 required
17	JA-51439	Screw	4 required
18	JA-22499	Pivot Bracket	2 required
19	JA-22497	Pivot Pin	2 required
20	JA-53768	Sleeve Bearing	
21	JA-53134	Washer	4 required
22	JA-51330	Retaining Ring	8 required
23	N/A	Head Hanger	
24	JA-08727	Head Adjusting Rod Assembly	2 required; Refer to <i>Head Adjusting Rod Assembly</i> section for parts breakdown
25	JA-12257	Cam Clevis Pin	2 required
26	JA-22505	Hanger Pin	2 required
27	JA-11761	Quadrant Eccentric	2 required
28	JA-16924	Bearing Shield	2 required
29	JA-11763	Bearing Ring	2 required
30	JA-11762	Eccentric	
31	JA-50964	Roller Bearing	
32	JC-62724	Screw	2 required
33	M400014	Washer	4 required
34	J1231521	Street Pipe Elbow	
35	J1319276	Flare Connector	
36	JA-50728	Nipple	
37	JC-28237	Pipe Elbow	
38	JA-50897	Oilless Sleeve Bearing	2 required

N/A = Part no longer available

Snorkel Tube Assembly

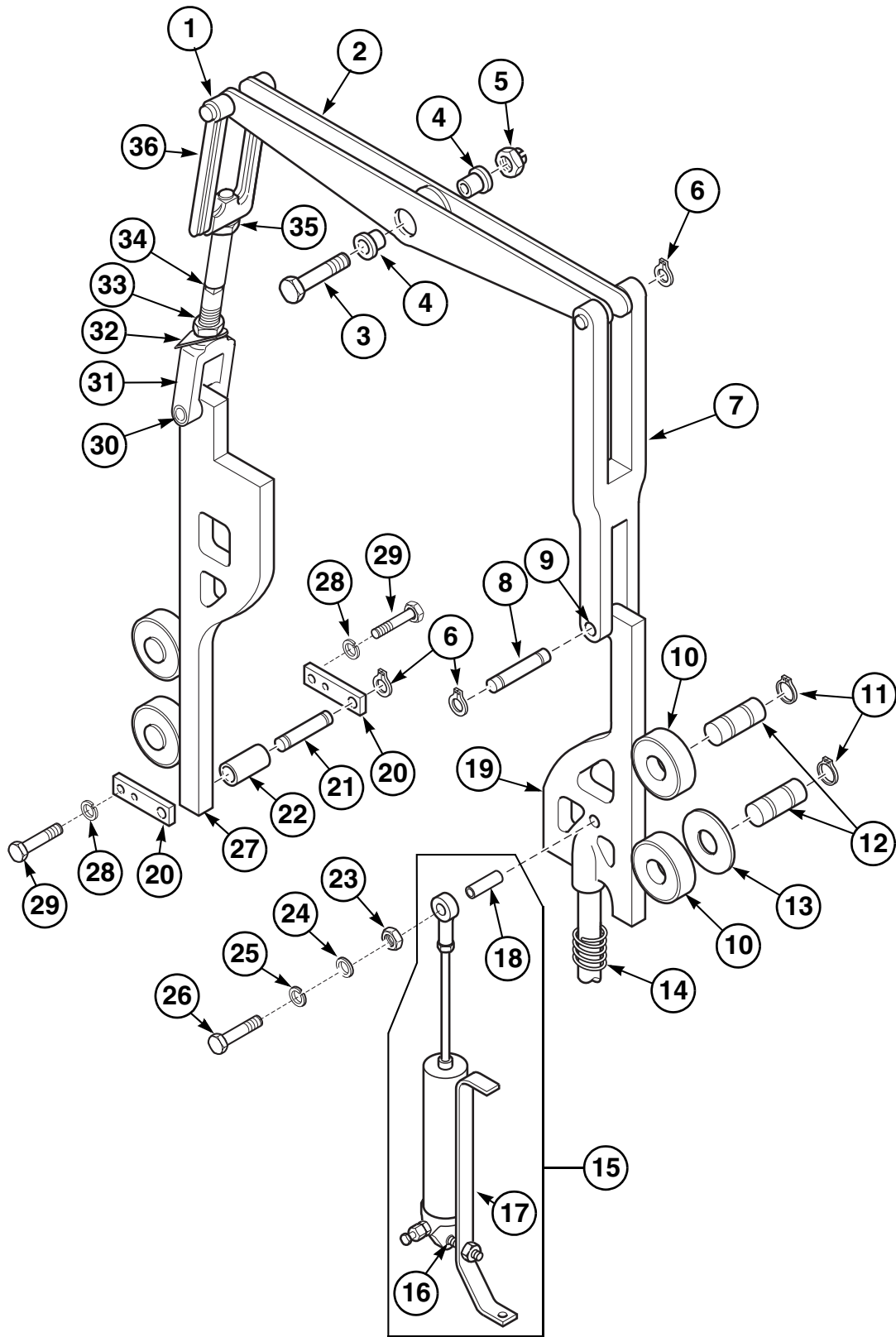


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Snorkel Tube Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-08916	Snorkel Tube Assembly	Includes items 1-7
1	JA-08915	Snorkel Link Assembly	
2	JA-50985	Oilless Sleeve Bearing	2 required
3	JA-50134	Screw	2 required
4	JA-05527	Snorkel Tube Weldment	
5	JC-63376	Screw	2 required
6	J1185073	Washer	2 required
7	JC-80513	Washer	2 required

Rocker Arm and Cam Components

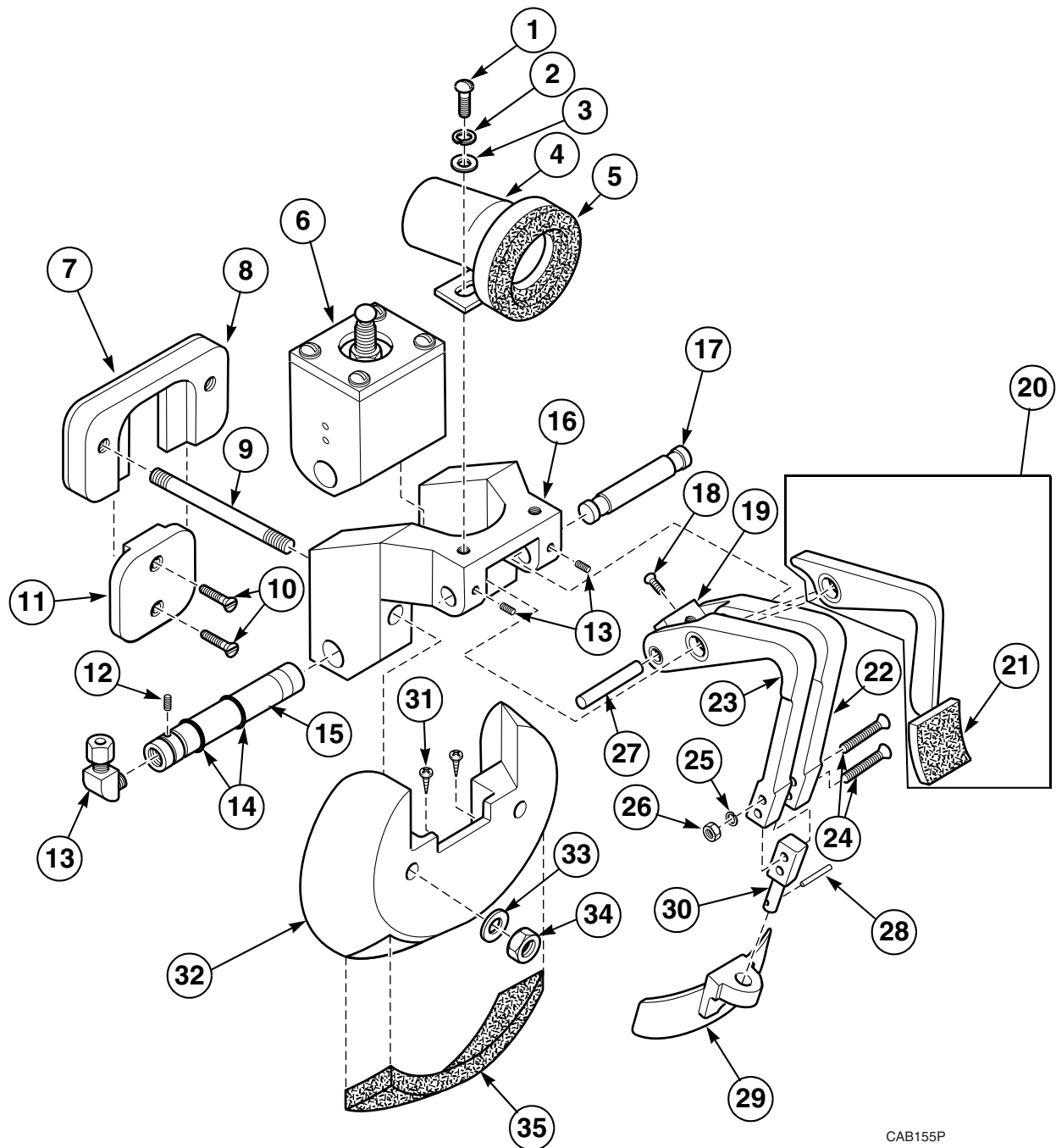


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Rocker Arm and Cam Components

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-08726	Rocker Arm Assembly	Includes items 2-4, 7, 31 and 34-36
	JA-50897	Oilless Sleeve Bearing	2 required
	JA-53116	Washer	2 required
1	JA-12198	Rocker Pin	Models through 2000
	JC-54829	Roll Pin	Models starting 2000
2	JA-08893	Rocker Arm Assembly	2 required
3	JA-50284	Screw	
4	JA-12024	Rocker Arm Bushing	2 required
5	JA-50742	Nut	
6	JA-50976	Retaining Ring	10 required
7	JA-08752	Cam Clevis Assembly	Includes item 9
8	JA-12257	Cam Clevis Pin	2 required
9	JA-50909	Oilless Sleeve Bearing	6 required
10	JA-50964	Roller Bearing	4 required
11	JA-50962	Retaining Ring	8 required
12	JA-22999	Bearing Shaft	4 required
13	JA-16924	Bearing Shield	4 required
14	JA-51089	Compression Spring	2 required; Models through 1992
	J1144732	Compression Spring	2 required; Models starting 1992
15	JA-80232	Hydraulic Check Assembly	Refer to <i>Hydraulic Check Assembly</i> section for parts breakdown
16	J1379379	Bolt	4 required
17	JA-24660	Mounting Bracket	
18	JA-24659	Spacer	
19	JA-24621	Cam	Front; Models through 1992
	J1444090	Front Cam	Models starting 1992
20	JA-12017	Cam Roller Guide	2 required
21	JA-22681	Cam Guide Pin	
22	JA-08829	Cam Roller Guide	
23	JA-53896	Nut	
24	JA-24659	Spacer	
25	J1001106	Washer	
26	JA-50203	Screw	
27	JA-24622	Cam	Rear
28	JA-51475	Washer	
29	J1001726	Screw	
30	JA-51056	Oilless Sleeve Bearing	2 required
31	JA-08708	Cam Clevis Assembly	Lower; Includes item 30
32	JA-18796	Head Pressure Indicator	
33	JC-48169	Nut	
34	JA-22574	Adjusting Rod	
35	JA-50438	Nut	
36	JA-08723	Cam Clevis Assembly	Upper; Includes item 9

Collar Block Assembly – Models Through October 1993

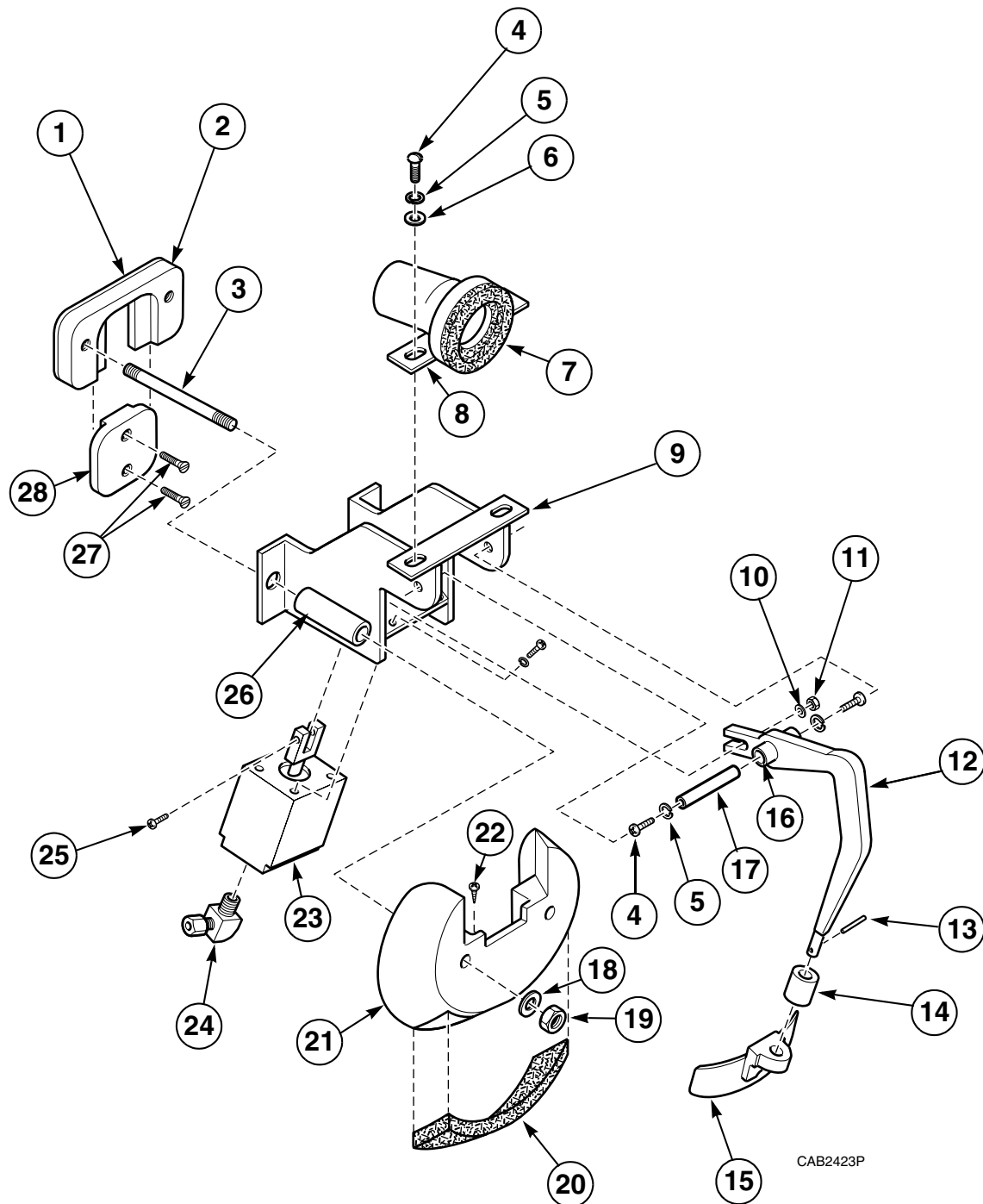


CAB155P

Collar Block Assembly – Models Through October 1993

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-08877	Collar Block Assembly	Standard-18 inch and Army A1 models; Includes items 1-35; 2 required
1	J1185107	Screw	2 required
2	J1000975	Washer	2 required
3	JC-80759	Washer	2 required
4	JA-09174	Collar Tube Assembly	
5	J1401389	Seal	
6	JA-09786	Collar Valve Assembly	Refer to <i>Collar Valve Assembly</i> section for parts breakdown
7	J1413087	Mounting Bracket Tape	
8	J200103900	Mounting Bracket Plate	2 required
9	J200144100	Screw	2 required
10	J1354612	Screw	
11	JA-24579	Mounting Bracket Clamp	
12	JA-50353	Screw	3 required
13	JA-50770	Male Compression Elbow	
14	JA-51744	O-Ring	2 required
15	JA-22803	Shaft	
16	JA-22817	Housing	
17	JA-22798	Collar 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	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	Swivel Clamp	
30	JA-22797	Swivel Pin	
31	JA-50454	Screw	2 required
32	JA-24340	Collar Block	Standard-18 inch and Army A1 models
33	J1001304	Washer	2 required
34	M400026	Nut	2 required
35	JA-09244	Insert Assembly	

Collar Block Assembly – Models Starting October 1993

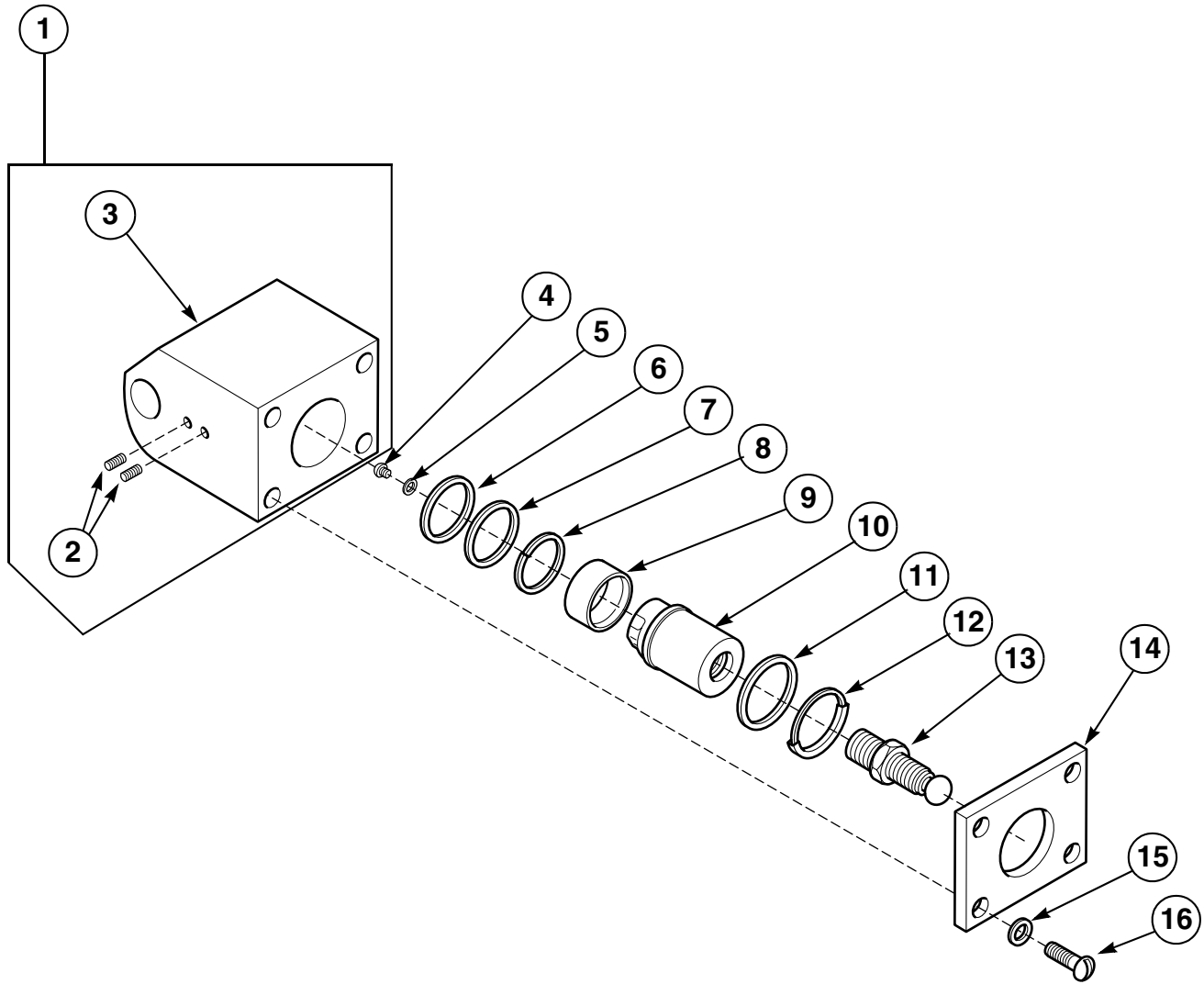


Collar Block Assembly – Models Starting October 1993

REF	PART NO.	DESCRIPTION	COMMENTS
	J200104200	Collar Block Assembly	Includes items 1-28
1	J1413087	Mounting Bracket Tape	
2	J200103900	Mounting Bracket Plate	
3	J200144100	Screw	2 required
4	J1185107	Screw	8 required
5	J1000975	Washer	9 required
6	JC-80759	Washer	8 required
7	J1401389	Seal	
8	JA-09174	Collar Tube Assembly	
9	J200109000	Collar Housing Weldment	
10	J1085984	Washer	
11	J1209113	Nut	
12	J1624774	Collar Block Arm Assembly	Includes item 17
13	J1407725	Roll Pin	
14	J1001270	Washer	
15	JA-22812	Swivel Clamp	
16	J1488907	Bearing	2 required
17	J1484401	Collar Block Axle	
18	F431134	Washer	2 required
19	M400026	Nut	2 required
20	JA-09244	Insert Assembly	
21	JA-24340	Collar Block	
22	JA-50454	Screw	2 required
23	J1504018	Collar Block Cylinder Assembly	Refer to <i>Collar Block Cylinder Assembly</i> section for parts breakdown
24	JA-50770	Male Compression Elbow	
25	J1489053	Screw	
26	J1488873	Collar Block Spacer	2 required
27	J1354612	Screw	2 required
28	JA-24579	Mounting Bracket Clamp	

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	Includes items 2 and 3
2	J1133990	Screw	3 required
3	J1504091	Valve Body	
4	J1187228	Screw	2 required
5	JA-54044	Washer	2 required
6	JA-23554	Washer	
7	JA-54046	Kapseal	Must use JA-24476 Collar Clip 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	Valve End Plate	
15	J1000975	Washer	4 required
16	J1185107	Screw	4 required

Head Adjusting Rod Assembly

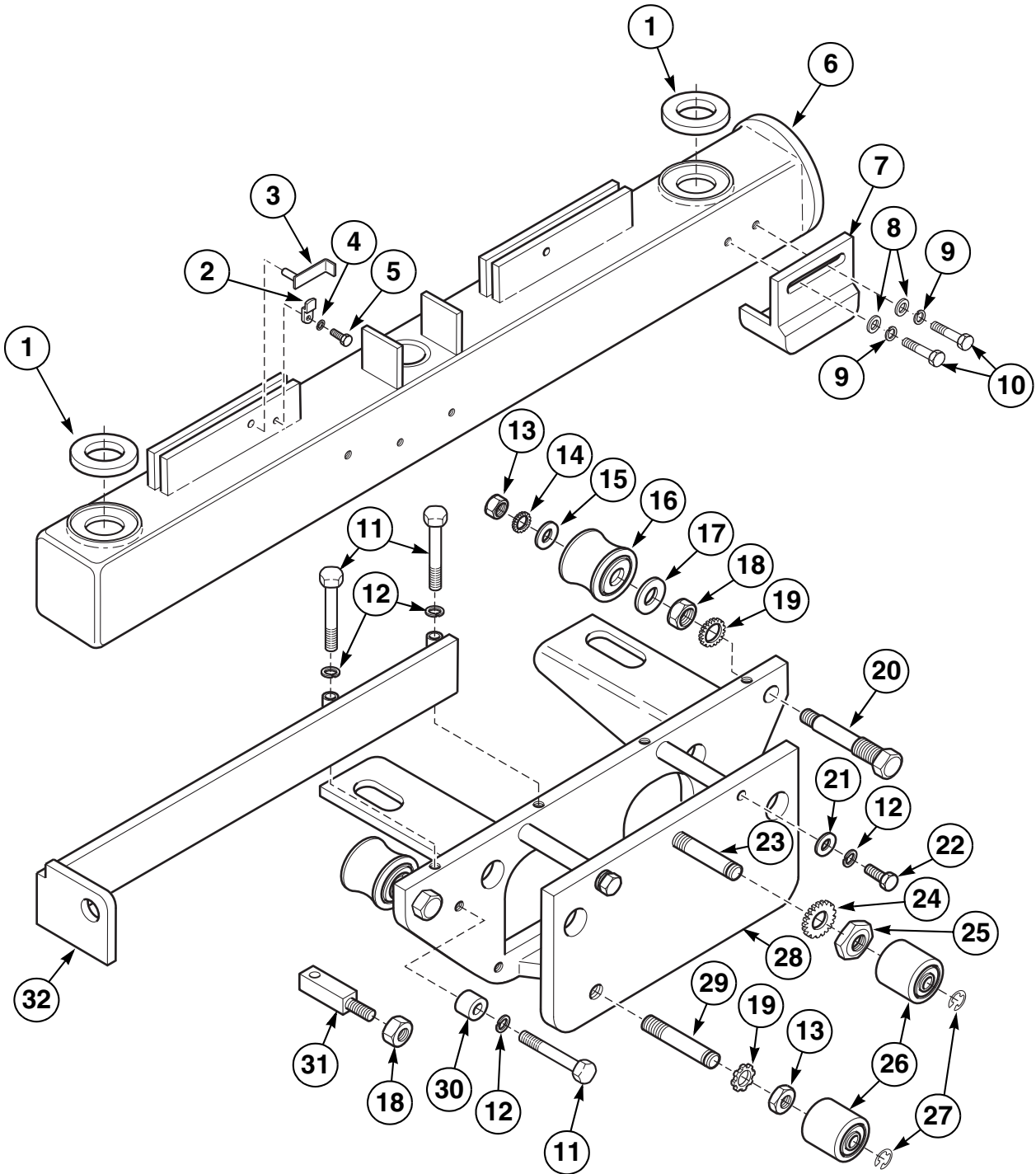


Head Adjusting Rod Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-08727	Head Adjusting Rod Assembly	Includes items 1-11; 2 required; Front
	JA-09220	Head Adjusting Rod Assembly	Includes items 1-11; 2 required; Rear
1	JA-08707	Head Adjusting Clevis	
2	JA-51326	Oilless Sleeve Bearing	2 required
3	JA-53116	Washer	
4	JC-48169	Nut	
5	JA-22686	Head Adjustment Rod	Front head; 2 required
	JA-23246	Head Adjustment Rod	Rear head; 2 required
6	JA-50742	Nut	2 required
7	J1001338	Washer	2 required
8	JA-05025	Bracket Assembly	Includes item 9
9	JA-51070	Oilless Sleeve Bearing	
10	JA-50282	Screw	
11	JA-52276	Compression Spring	

Carriage Components

Models Through 1992

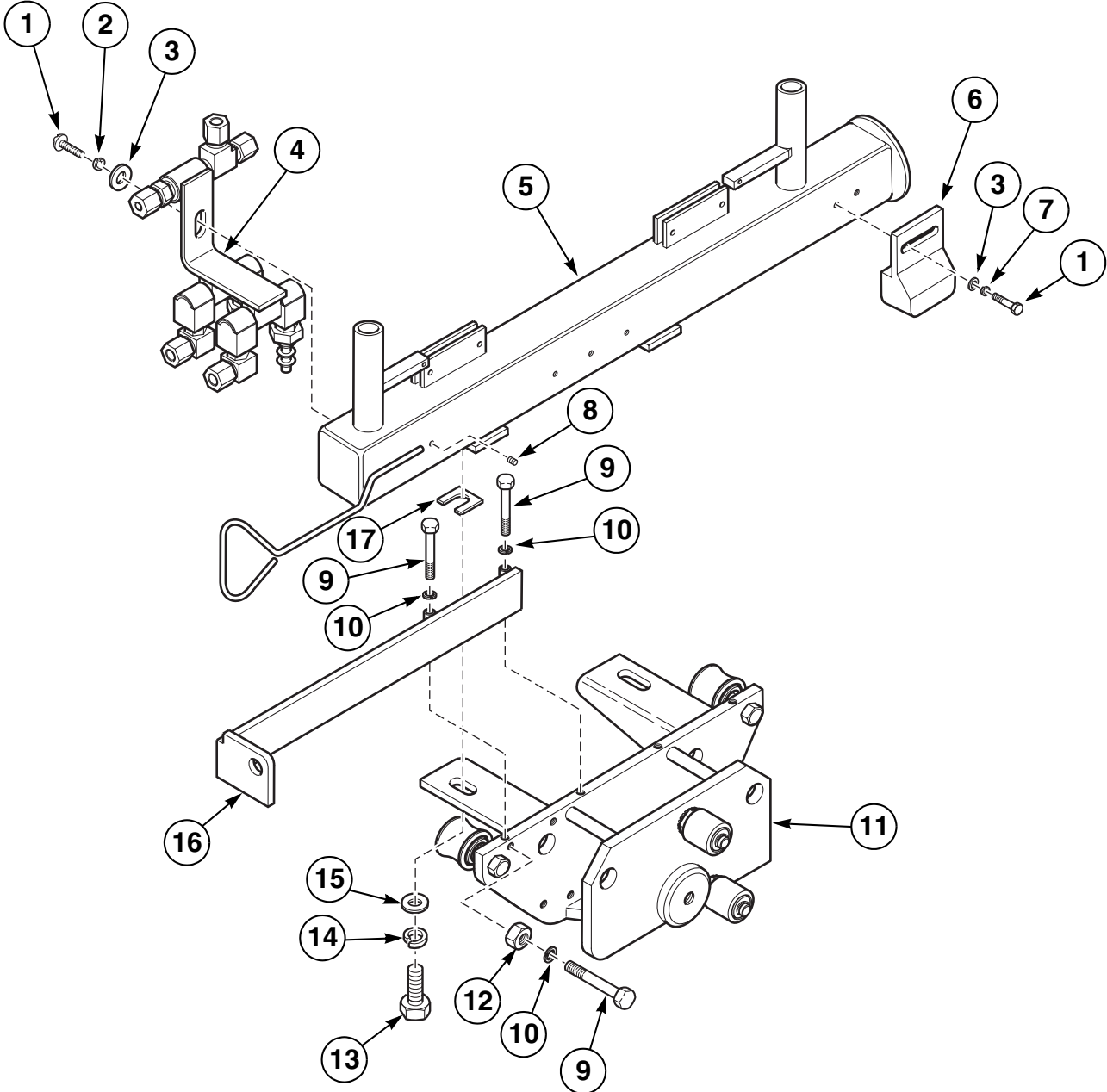


CAB1991P

Carriage Components

REF	PART NO.	DESCRIPTION	COMMENTS
	J1435247	Carriage Sub-Assembly	Includes items 12-30
	JKIT-00225	Eccentric Wrench Kit	Use to tighten rollers
	JA-17194	Collar Tube	
	JA-19037	Guide Shaft	
	JA-53615	Screw	
1	J1401389	Seal	2 required
2	JA-17207	Key Clip	2 required
3	JA-04749	Key Assembly	2 required
4	J1000975	Washer	2 required
5	M400044	Screw	2 required
6	JA-08835	Receiving Tube Finish Weldment	
7	JA-23921	Switch Actuator Cam	
8	JC-80513	Washer	2 required
9	J1185073	Washer	5 required
10	J1001726	Screw	5 required
11	JA-50144	Screw	4 required
12	M400013	Washer	6 required
13	M400022	Nut	4 required
14	M403958	Washer	2 required
15	M400014	Washer	2 required
16	JA-06318	Roller Assembly	2 required
17	J1618990	Washer	2 required
18	20274	Nut	3 required
19	JA-53985	Washer	4 required
20	JA-23284	Roller Shaft	2 required
21	JA-23019	Spacer	2 required
22	M400057	Screw	2 required
23	JA-23283	Adjusting Roller Shaft	2 required
24	JA-53986	Washer	2 required
25	JA-22687	Nut	2 required; Eccentric
26	JA-09186	Flat Roller	4 required
27	JA-53987	Retaining Ring	4 required
28	JA-09243	Carriage Weldment	
29	JA-23282	Plain Roller Shaft	2 required
30	JA-22822	Carriage Spacer	2 required
31	JA-22768	Hose Bracket	
32	JA-08875	Front Cylinder Mounting Weldment	
	JA-08876	Rear Cylinder Mounting Weldment	

Front Receiving Tube and Carriage Assembly for Vacuum Models



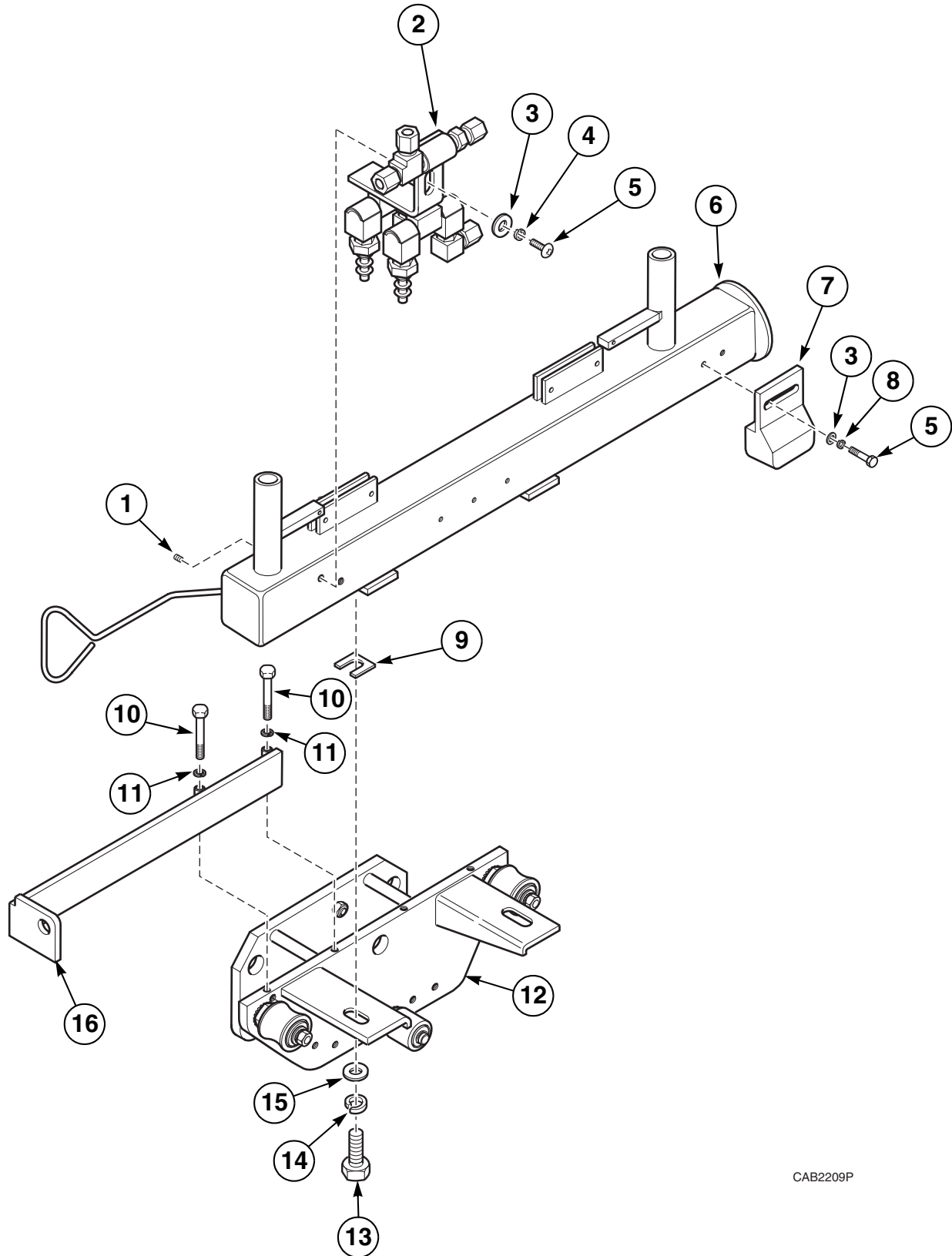
CAB2208P

Front Receiving Tube and Carriage Assembly for Vacuum Models

REF	PART NO.	DESCRIPTION	COMMENTS
	J1626837	Shock Absorber Assembly	Includes nuts
	N/A	Front Receiving Tube Assembly	Models starting 1992 through 1995
	J1575901	Front Receiving Tube Assembly	Models starting 1995
	JA-22822	Carriage Spacer	
1	J1001726	Screw	4 required
2	J1001007	Washer	2 required
3	JC-80513	Washer	2 required
4	J1479500	Front Buck Manifold Assembly	
5	JA-08835	Receiving Tube Finish Weldment	
6	JA-23921	Switch Actuator Cam	
7	J1185073	Washer	2 required
8	J1179308	Screw	
9	JA-50144	Screw	6 required
10	M400013	Washer	6 required
11	J1435247	Carriage Sub-Assembly	Refer to <i>Carriage Sub-Assembly</i> section for parts breakdown
12	20274	Nut	
13	JA-50190	Screw	2 required
14	J1001106	Washer	2 required
15	JA-22689	Washer	2 required
16	JA-08875	Front Cylinder Mounting Weldment	
17	JA-23390	Spacer	Receiving tube; 14 gauge; Use as required
	JA-23391	Spacer	Receiving tube; 16 gauge; Use as required
	JA-23392	Spacer	Receiving tube; 18 gauge; Use as required
	JA-23393	Spacer	Receiving tube; 20 gauge; Use as required

N/A = Part no longer available

Rear Receiving Tube and Carriage Assembly for Vacuum Models

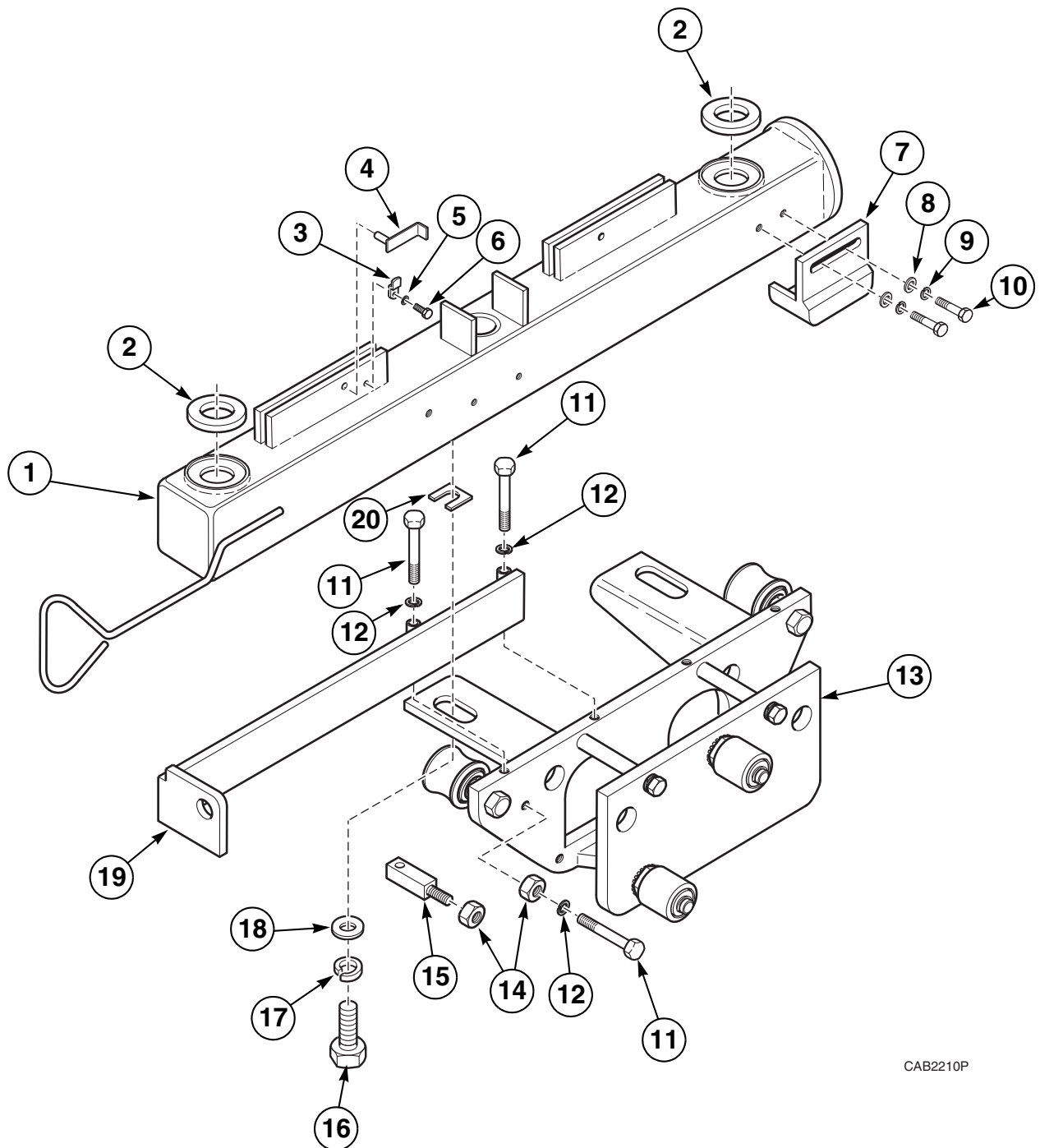


CAB2209P

Rear Receiving Tube and Carriage Assembly for Vacuum Models

REF	PART NO.	DESCRIPTION	COMMENTS
	J1479450	Rear Receiving Tube Assembly	Models starting 1992 through 1995
	J1575919	Rear Receiving Tube Assembly	Models starting 1995
	JA-22822	Carriage Spacer	
	J1626837	Shock Absorber Assembly	Includes nuts
1	J1179308	Screw	
2	J1479518	Rear Buck Manifold Assembly	
3	JC-80513	Washer	2 required
4	J1001007	Washer	2 required
5	J1001726	Screw	4 required
6	J1546092	Receiving Tube Weldment	
	J1569938	Rear Receiving Tube Handle	
7	JA-23921	Switch Actuator Cam	
8	J1185073	Washer	4 required
9	JA-23390	Spacer	Receiving tube; 14 gauge; Use as required
	JA-23391	Spacer	Receiving tube; 16 gauge; Use as required
	JA-23392	Spacer	Receiving tube; 18 gauge; Use as required
	JA-23393	Spacer	Receiving tube; 20 gauge; Use as required
10	JA-50144	Screw	6 required
11	M400013	Washer	6 required
12	J1435247	Carriage Sub-Assembly	Refer to <i>Carriage Sub-Assembly</i> section for parts breakdown
13	JA-50190	Screw	2 required
14	J1001106	Washer	2 required
15	JA-22689	Washer	2 required
16	JA-08876	Rear Cylinder Mounting Weldment	

Front Receiving Tube and Carriage Assembly for Tail Clamp Models



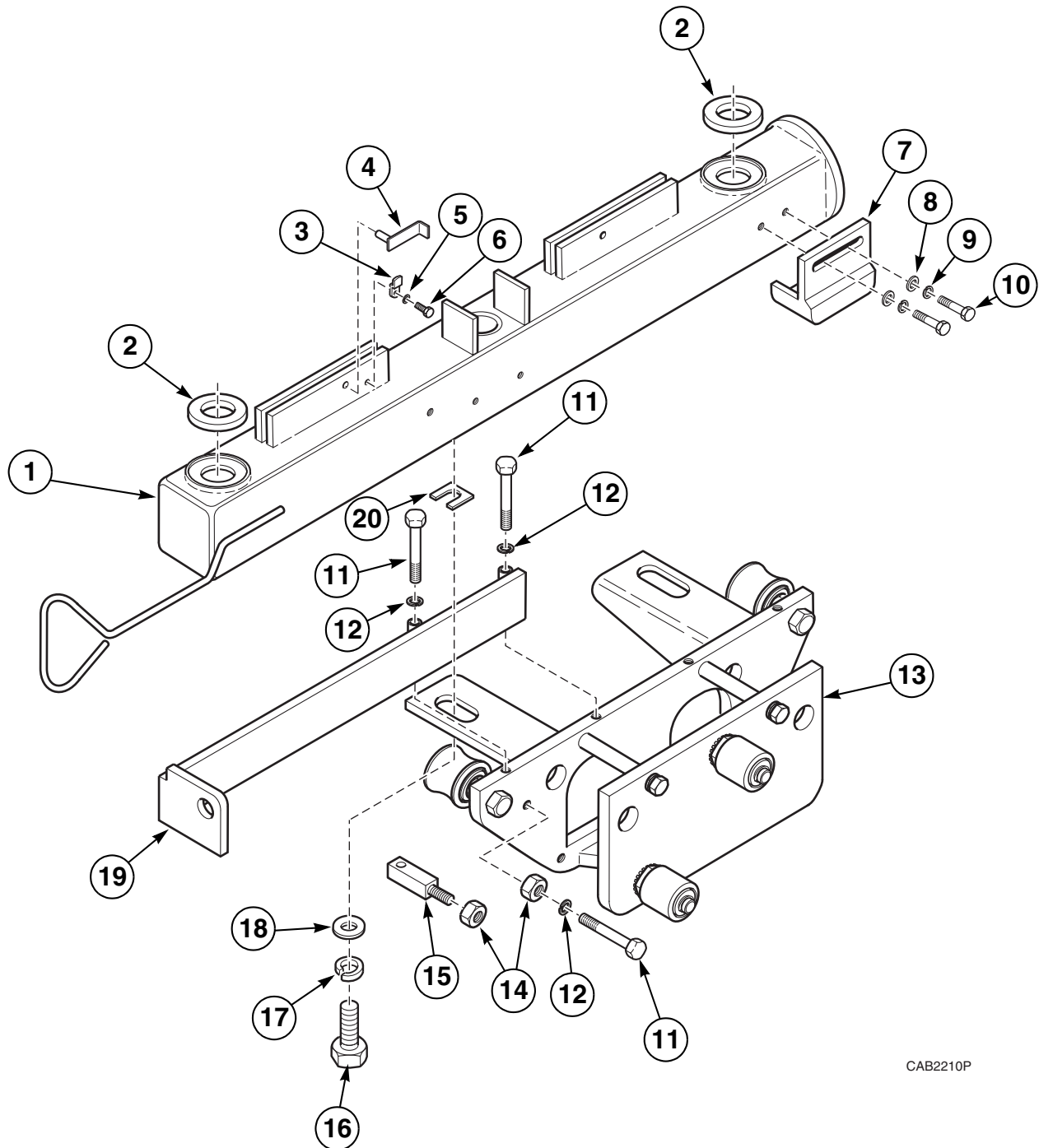
CAB2210P

Front Receiving Tube and Carriage Assembly for Tail Clamp Models

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09012	Shock Absorber Assembly	Refer to <i>Shock Absorber Assembly</i> section for parts breakdown
	N/A	Front Receiving Tube Assembly	Models starting 1992 through 1995
	N/A	Front Receiving Tube Assembly	Models starting 1995
1	JA-08835	Receiving Tube Finish Weldment	Models starting 1992 through 1995
	J1569904	Front Receiving Tube Handle Weldment	Models starting 1995
2	J1401389	Seal	2 required
3	JA-17207	Key Clip	
4	JA-04749	Key Assembly	2 required
5	J1000975	Washer	
6	M400044	Screw	
7	JA-23921	Switch Actuator Cam	
8	JC-80513	Washer	6 required
9	J1185073	Washer	8 required
10	J1001726	Screw	6 required
11	JA-50144	Screw	
12	M400013	Washer	
13	J1435247	Carriage Sub-Assembly	Refer to <i>Carriage Sub-Assembly</i> section for parts breakdown
14	20274	Nut	
15	JA-22768	Hose Bracket	
16	JA-50190	Screw	2 required
17	J1001106	Washer	2 required
18	JA-22689	Washer	2 required
19	JA-08875	Front Cylinder Mounting Weldment	
20	JA-23390	Spacer	Receiving tube; 14 gauge; Use as required
	JA-23391	Spacer	Receiving tube; 16 gauge; Use as required
	JA-23392	Spacer	Receiving tube; 18 gauge; Use as required
	JA-23393	Spacer	Receiving tube; 20 gauge; Use as required

N/A = Part no longer available

Rear Receiving Tube and Carriage Assembly for Tail Clamp Models

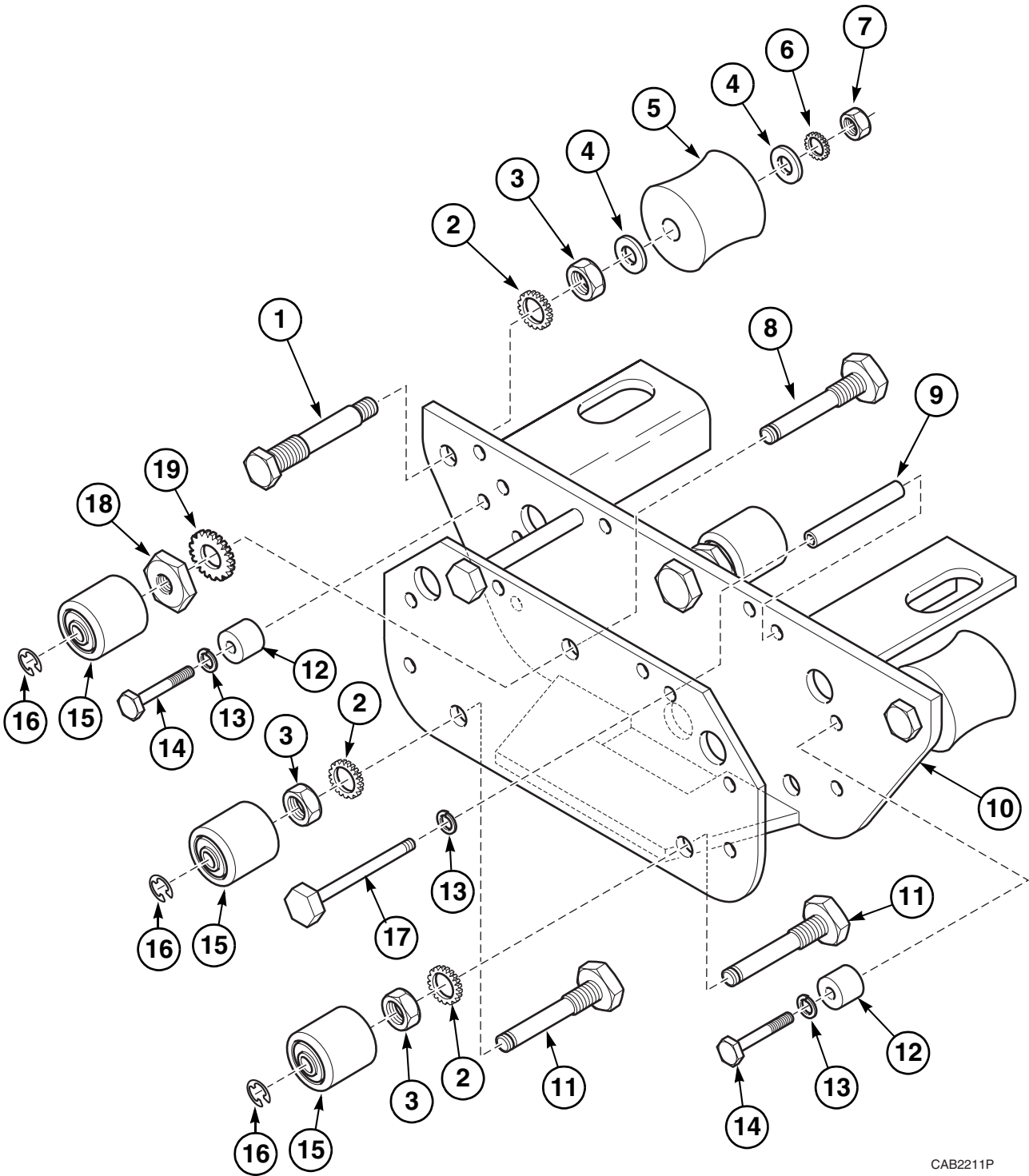


CAB2210P

Rear Receiving Tube and Carriage Assembly for Tail Clamp Models

REF	PART NO.	DESCRIPTION	COMMENTS
	J1626837	Shock Absorber Assembly	Includes nuts
1	J1575893	Rear Receiving Tube Assembly	
2	J1401389	Seal	2 required
3	JA-17207	Key Clip	
4	JA-04749	Key Assembly	2 required
5	J1000975	Washer	
6	M400044	Screw	
7	JA-23921	Switch Actuator Cam	
8	JC-80513	Washer	6 required
9	J1185073	Washer	8 required
10	J1001726	Screw	6 required
11	JA-50144	Screw	
12	M400013	Washer	
13	J1435247	Carriage Sub-Assembly	Refer to <i>Carriage Sub-Assembly</i> section for parts breakdown
14	20274	Nut	
15	JA-22768	Hose Bracket	
16	JA-50190	Screw	2 required
17	J1001106	Washer	2 required
18	JA-22689	Washer	2 required
19	JA-08876	Rear Cylinder Mounting Weldment	
20	JA-23390	Spacer	Receiving tube; 14 gauge; Use as required
	JA-23391	Spacer	Receiving tube; 16 gauge; Use as required
	JA-23392	Spacer	Receiving tube; 18 gauge; Use as required
	JA-23393	Spacer	Receiving tube; 20 gauge; Use as required

Carriage Sub-Assembly

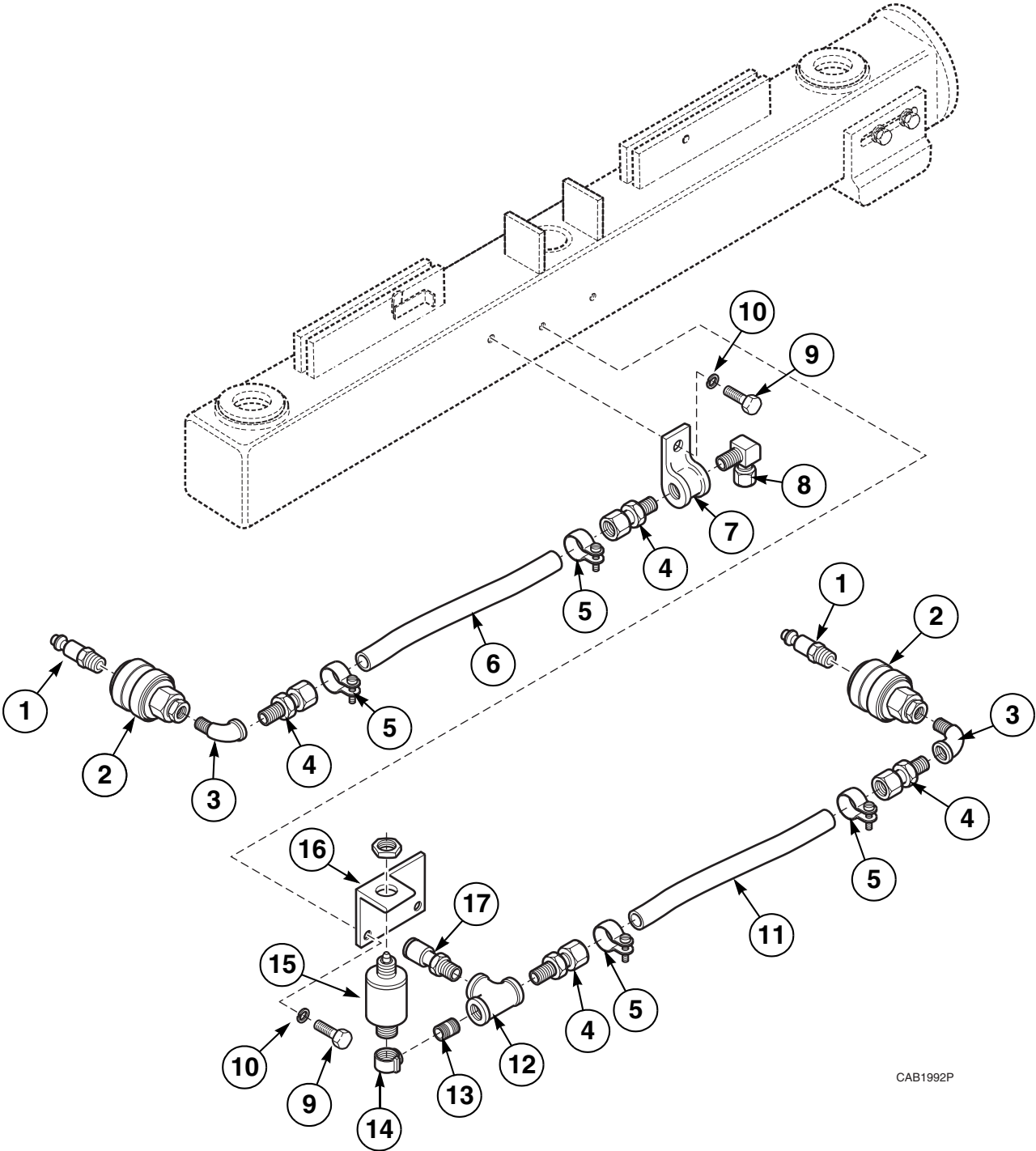


CAB2211P

Carriage Sub-Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1435247	Carriage Sub-Assembly	Includes items 1-19
1	JA-23284	Roller Shaft	2 required
2	JA-53985	Washer	4 required
3	M400022	Nut	4 required
4	J1001304	Washer	2 required
5	JA-06318	Roller Assembly	Concave; 2 required
6	M403958	Washer	2 required
7	20274	Nut	2 required
8	JA-23283	Adjusting Roller Shaft	2 required
9	JA-23019	Spacer	2 required
10	JA-09243	Carriage Weldment	Front
11	JA-23282	Plain Roller Shaft	2 required
12	JA-22822	Carriage Spacer	2 required
13	M400013	Washer	4 required
14	JA-50144	Screw	2 required
15	JA-09186	Flat Roller	Flat; 4 required
16	JA-53987	Retaining Ring	4 required
17	JC-60006	Screw	2 required
18	JA-22687	Nut	2 required; Eccentric
19	JA-53986	Washer	2 required

Carriage Hose Assemblies

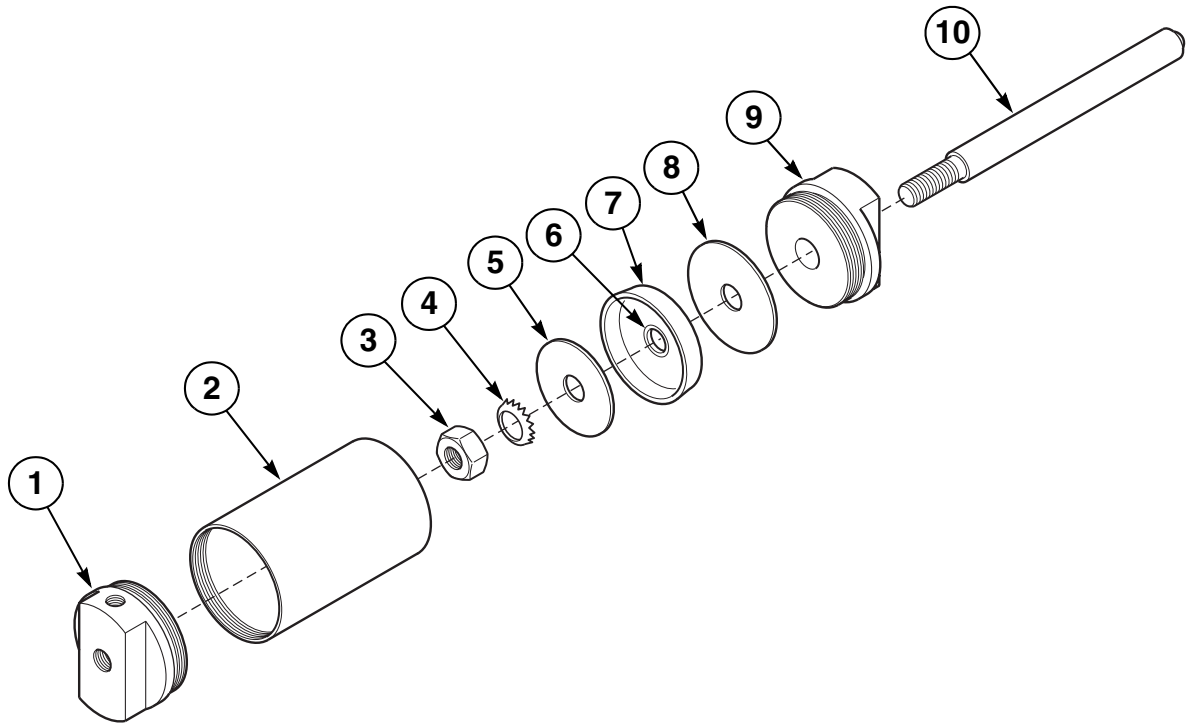


CAB1992P

Carriage Hose Assemblies

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09071	Carriage Hose Assembly	Includes items 2-8
	J1381615	Tail Clamp Cylinder and Carriage Hose Assembly	Includes items 2-5 and 11-17
1	JA-52505	Male Coupling Adapter	2 required
2	JA-56390	Male Coupler	
3	JC-28247	Pipe Elbow	
4	JA-54300	Barbed Hose Connector	2 required
5	JA-54396	Clamp	4 required
6	JM-93401	Twin Hose	Rubber; Twin green/red
7	J1335793	Single Bracket Coupling Weldment	
8	JC-30732	Elbow	
9	J1001726	Screw	
10	J1185073	Washer	Split
11	J1264340	Hose Carriage	
12	JA-50666	Tee	
13	J1232313	Pipe Nipple	
14	J1381623	Street Elbow	
15	J1381607	Tail Clamp Cylinder	Refer to <i>Tail Clamp Cylinder</i> section for parts breakdown
16	J1381599	Angle Bracket	
17	J1151661	Compression Connector	

Tail Clamp Cylinder

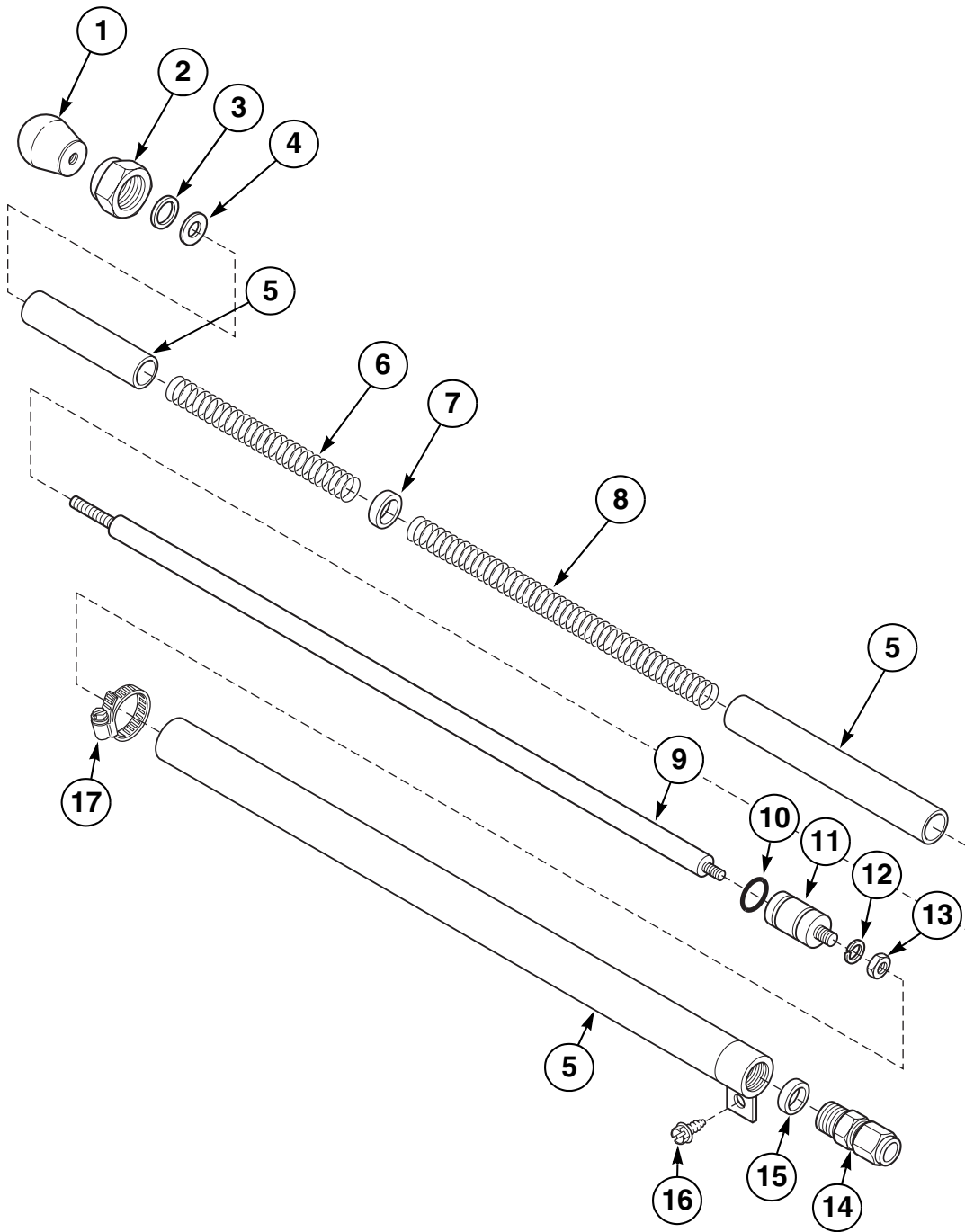


CAB1993P

Tail Clamp Cylinder

REF	PART NO.	DESCRIPTION	COMMENTS
	J1381607	Tail Clamp Cylinder	Includes items 1-10; Models starting December 1985
	JKIT-00125	Cylinder Kit	Includes items 1-10; Models through December 1985
	J0250811-00	Cylinder Seal Kit	Use with J1381607 Tail Clamp Cylinder
1	JA-19085	Lower Head	
2	JA-14687	Cylinder Assembly Body	
3	JC-48157	Nut	
4	JC-43264	Washer	
5	JA-11561	Inside Piston Plate	
6	JA-13428	Washer	Cup washer
7	JA-11505	Piston Cup Seal	
8	JA-11558	Outside Piston Plate	
9	JA-14685	Upper Head	
10	JA-05931	Piston Rod Assembly	

Sleeve Expander – Old Style

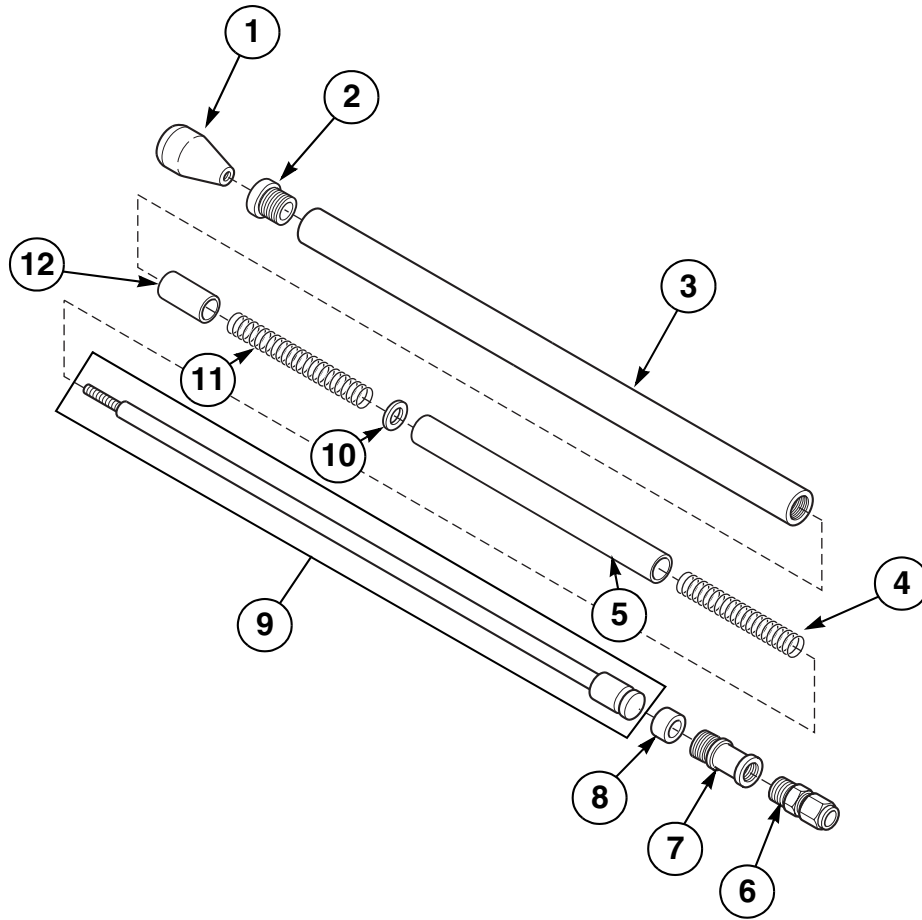


CAB1994P

Sleeve Expander – Old Style

REF	PART NO.	DESCRIPTION	COMMENTS
	JKIT-00220	Sleeve Expander Kit	18 inch, Army-A1, Army-A2, and 20 inch models; 2 required; Your machine is old style if nut on end where shaft comes out is externally threaded
	J1492867P	Sleeve Expander Kit	Small Shirt, Coat, Boys, Ivy League, and Ladies models; 2 required; Your machine is old style if nut on end where shaft comes out is externally threaded
	J1010-000477	Field Installation Sleeve Kit	ACBBYC models only
	J1010-000476	Field Installation Sleeve Kit	ADFBC models only
	JA-16120	Spacer	
	JA-19785	Spacer	Use with JKIT-00220 Sleeve Expander Kit
1	J1467968	Sleeve Expander Knob	2 required
2	JA-16181	Nut	
3	JA-16182	Washer	
4	J1310846	Washer	
5	JA-07006	Expander Tube Assembly	15 inch; Use with JKIT-00220 Sleeve Expander Kit
	JA-04350	Expander Tube Assembly	11 inch; Use with J1492867P Sleeve Expander Kit
6	JA-53077	Spring	Use with JKIT-00220 Sleeve Expander Kit
7	JA-12217	Spring Separator	
8	JA-50932	Spring	
9	JA-19941	Sleeve Expander Rod	Use with JKIT-00220 Sleeve Expander Kit
	JA-11981	Sleeve Expander Rod	Use with J1492867P Sleeve Expander Kit
10	JA-51744	O-Ring	2 required
11	JA-15193	Sleeve Expander Piston	
12	J1000975	Washer	
13	35423	Nut	
14	J1151661	Compression Connector	
15	JA-12215	Piston Stop	Use with JKIT-00220 Sleeve Expander Kit
	JA-24575	Piston Stop	Use with J1492867P Sleeve Expander Kit
16	J1333285	Screw	2 required
17	J1187889	Jiffy Clip	Use with JKIT-00220 Sleeve Expander Kit

Sleeve Expander – New Style



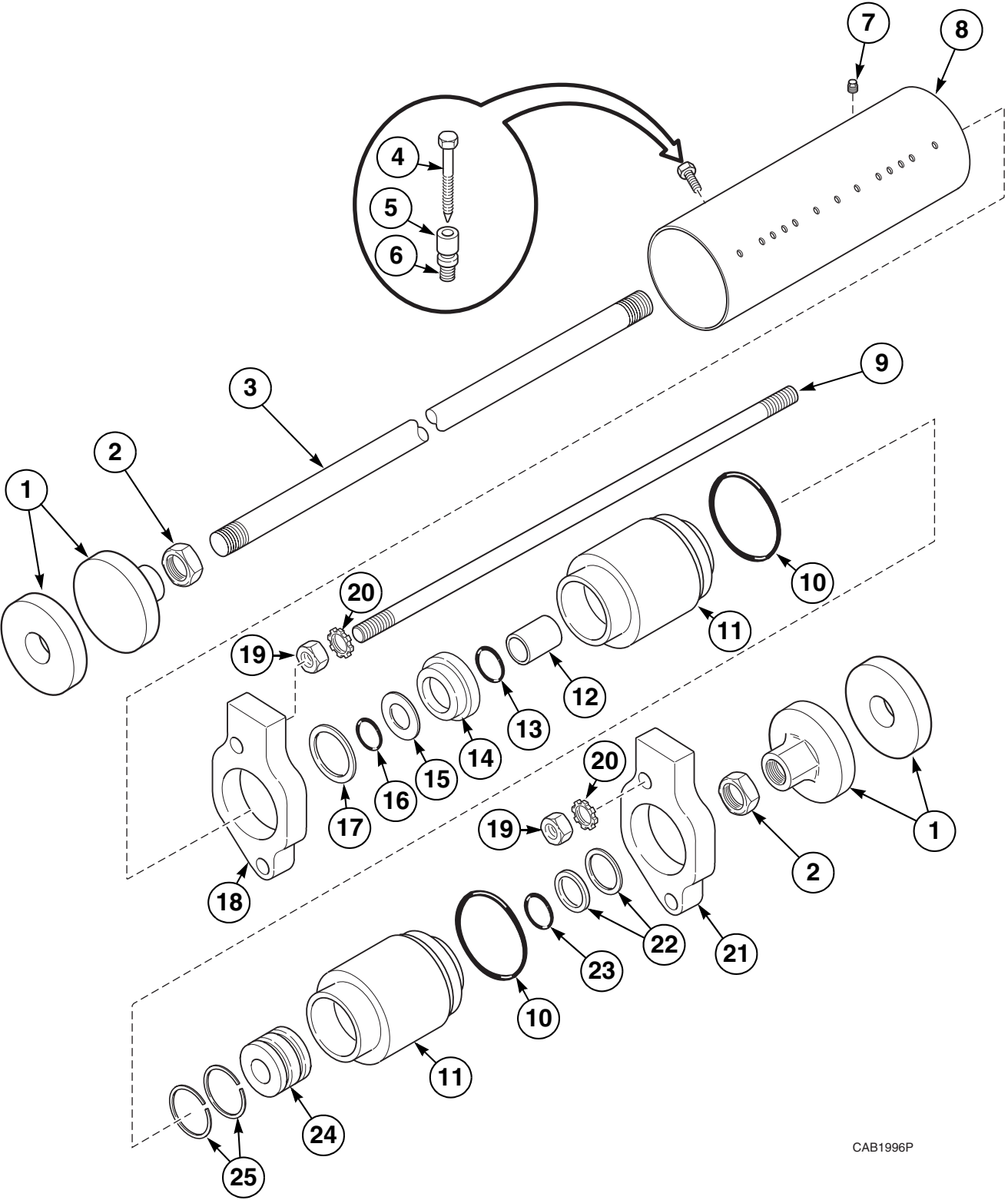
CAB1995P

Sleeve Expander – New Style

REF	PART NO.	DESCRIPTION	COMMENTS
	J1473107	Sleeve Expander	18 inch, 20 inch, Coat and Army models only; 2 required; Your machine is new style if nut on shaft end is internally threaded
	J1492867	Sleeve Expander	Boys, Ladies, Ivy League, and Japanese models; 2 required; Your machine is new style if nut on shaft end is internally threaded
	J1010-000477	Field Installation Sleeve Kit	ACBBYC models only
	J1010-000476	Field Installation Sleeve Kit	ADFBC models only
1	J1467968	Sleeve Expander Knob	
2	J1473792	Front Bushing	
3	J1473784	Sleeve Expander Tube	Use with J1473107 Sleeve Expander
	N/A	Sleeve Expander Tube	Use with J1492867 Sleeve Expander
4	JA-50932	Spring	
5	JA-12217	Spring Separator	
6	J1151661	Compression Connector	
7	J1473776	Rear Bushing	
8	J1507342	Rear Head Spacer	J1473107 only
9	J1616408	Shaft and Piston Assembly	Use with J1473107 Sleeve Expander; Includes J1473800 Piston Seal
	N/A	Shaft and Piston Assembly	Use with J1492867 Sleeve Expander; Includes J1473800 Piston Seal
10	JA-19785	Spacer	Use with J1473107 Sleeve Expander
11	JA-53077	Spring	Use with J1473107 Sleeve Expander
12	JA-16120	Spacer	

N/A = Part no longer available

Shock Absorber Assembly

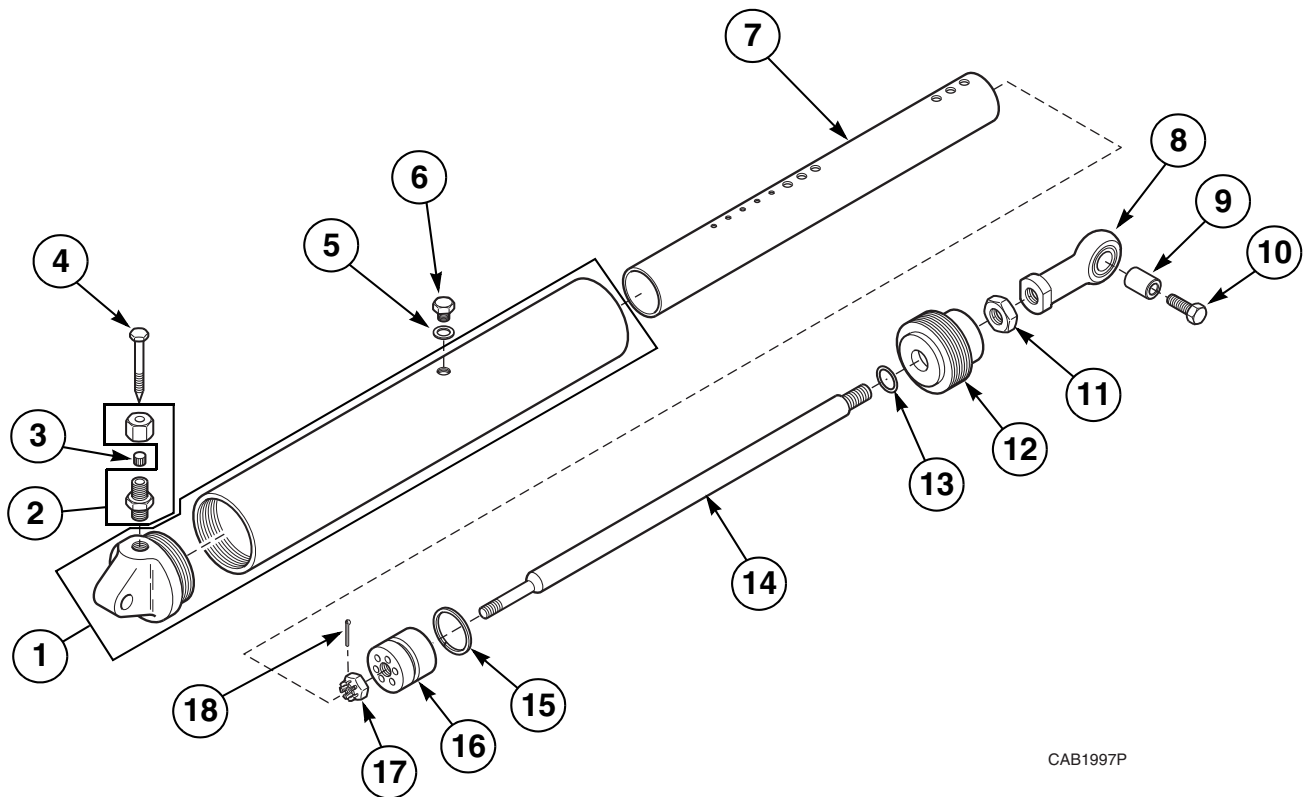


CAB1996P

Shock Absorber Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09012	Shock Absorber Assembly	Includes items 1-25; 2 required
	J1333152	Cylinder and Fitting Assembly	
1	JA-08887	Bumper Assembly	2 required
2	JA-51474	Nut	2 required
3	JA-53917	Dowel Pin	
4	JA-10590	Metering Needle	2 required
5	JA-51325	Packing	2 required
6	JA-10591	Needle Guide	Includes nut; 2 required
7	J1151794	Pipe Plug	2 required
8	JA-22829	Cylinder Metering Body	
9	JA-55343	Screw	2 required
10	JA-53916	O-Ring	2 required
11	JA-80077	Shocker Head	2 required
12	JA-51326	Oilless Sleeve Bearing	
13	JA-53914	O-Ring	2 required
14	JA-23098	Seal Plug	2 required
15	JA-23097	Washer	2 required
16	JA-53913	O-Ring	2 required
17	JA-53911	U-Cup	2 required
18	JA-22808	Left Shock Absorber Flange	
19	70142	Nut	4 required
20	JC-43264	Washer	4 required
21	JA-23757	Right Shock Absorber Flange	
22	JA-53912	Retaining Ring	2 required
23	JA-53915	O-Ring	2 required
24	JA-08890	Piston Rod Assembly	
25	JA-51061	Piston Ring	2 required

Hydraulic Check Assembly

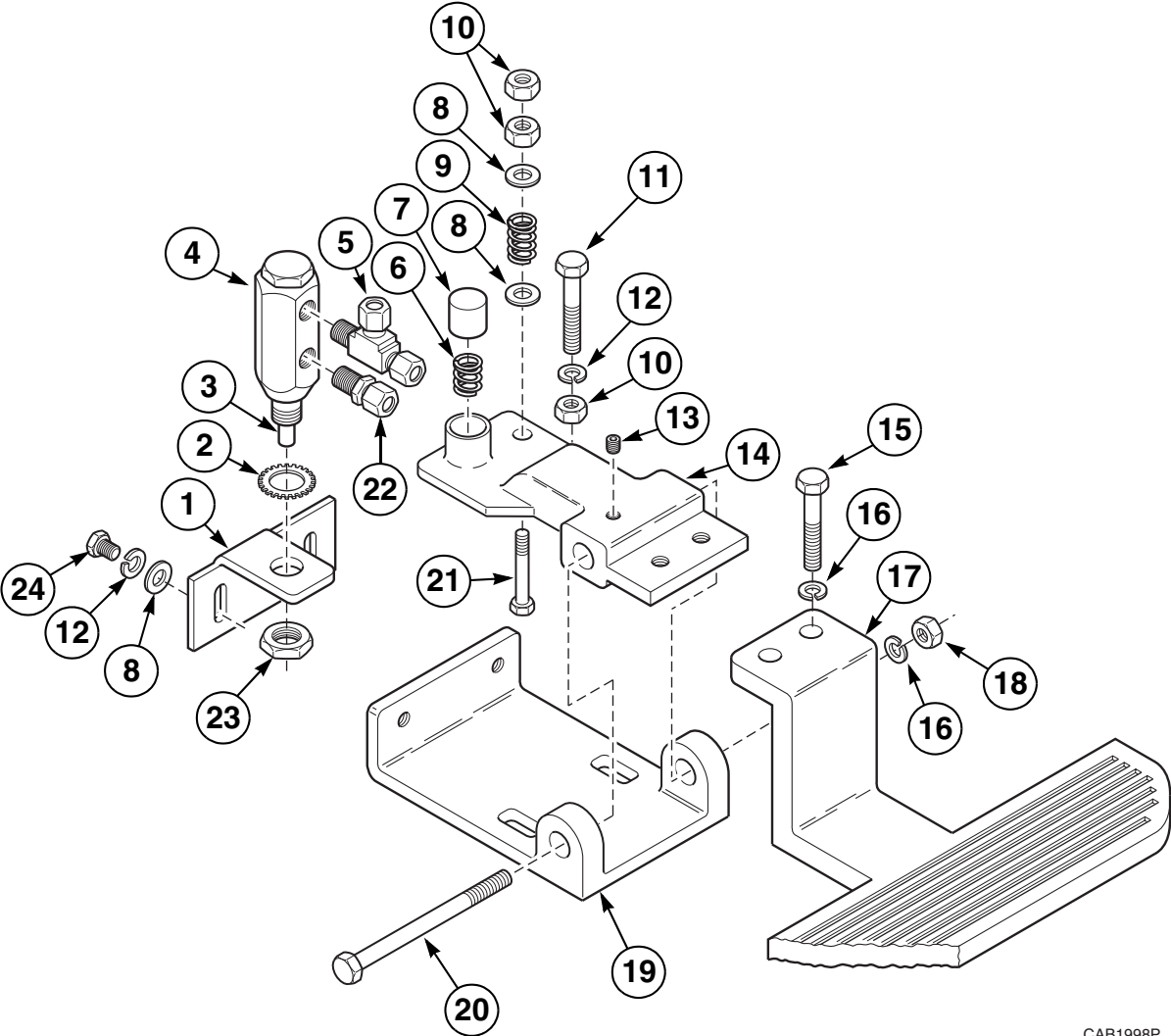


CAB1997P

Hydraulic Check Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-80232	Hydraulic Check Assembly	Includes items 1-18
1	J1333061	Cylinder Assembly	
2	JA-10591	Needle Guide	Includes nut
3	JA-51325	Packing	
4	JA-10590	Metering Needle	
5	JA-10596	Gasket	Aluminum
6	JA-10595	Hydraulic Check Filler Plug	
7	JA-24661	Metering Tube	
8	JA-53961	Female Rod End Bearing	
9	JA-24659	Spacer	
10	JA-50203	Screw	
11	JA-50434	Nut	
12	JA-24694	Upper Head	
13	JA-53916	O-Ring	
14	JA-24693	Piston Rod	
15	JA-51061	Piston Ring	
16	JA-26813	Control and Release Piston	
17	JA-50442	Nut	
18	J1155530	Cotter Pin	

Pedal Base Assembly



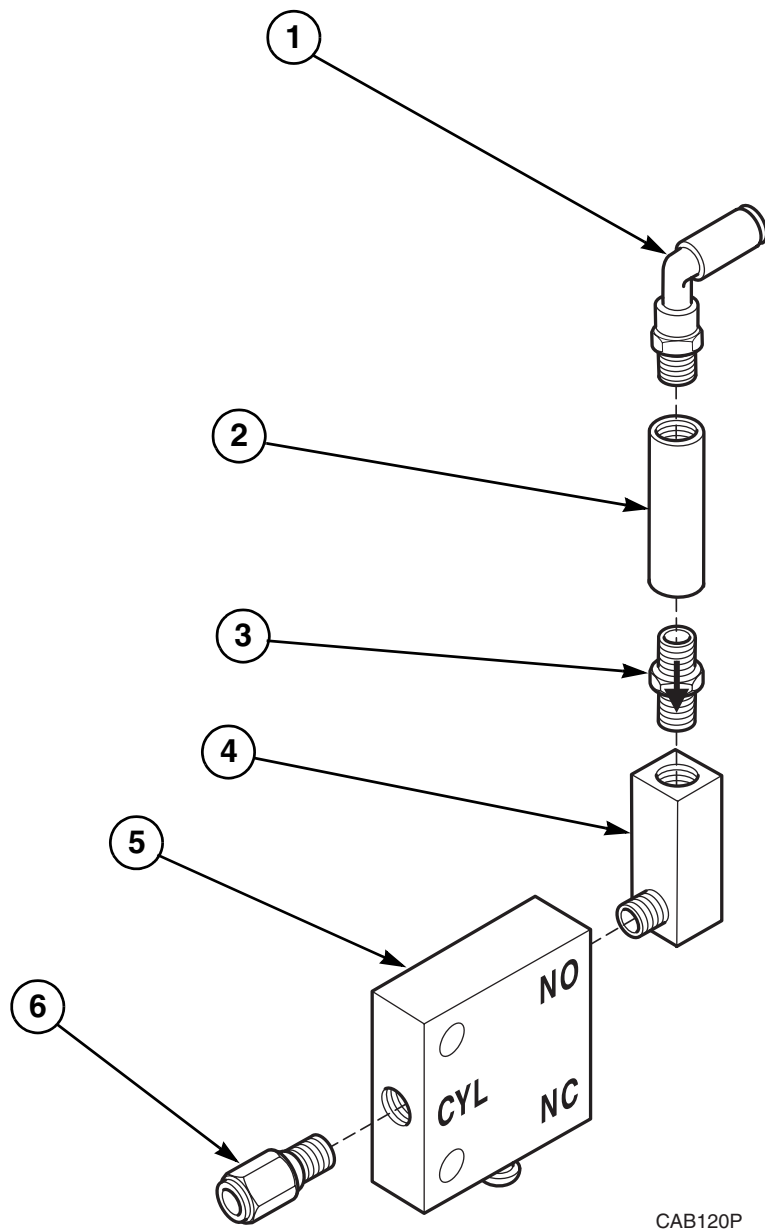
CAB1998P

Pedal Base Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-81151	Pedal Base Assembly	Models through 1992; Includes items 1-14, 16 and 18-24
	J1484930	Pedal Base Assembly	Models starting 1992; Includes items 1, 6-21 and 24
	J1387836	Pedal Base Assembly	Models starting 1992; Includes items 1, 6-21 and 24
1	JA-25995	Pedal Bracket	
2	JA-52196	Washer	
3	J1611417	Valve Stem Assembly	
4	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown
5	JA-52314	Male Compression Tee	
6	JA-52466	Spring	Short
7	JA-26238	Actuating Pad	
8	JC-80513	Washer	4 required
9	JA-51376	Spring	Long
10	20275	Nut	4 required
11	24233	Screw	Models through 1992
	JA-52426	Screw	Models starting 1992
12	J1001007	Washer	3 required; Models through 1992
	J1185073	Washer	3 required; Models starting 1992
13	JA-50362	Screw	Models through 1992
14	JA-25996	Pedal Bracket	Models through 1992
	J1387778	Pedal Bracket Weldment	Models starting 1992
15	M400057	Screw	2 required
16	M400013	Washer	3 required
17	J1484278	Pedal Bracket	Models starting 1992
18	70142	Nut	
19	J1387794	Pedal Base	
20	N/A	Shaft	Models through 1992
	JC-62832	Screw	Models starting 1992
21	J1390673	Stud	
22	J1151661	Compression Connector	
23	JA-51474	Nut	
24	J1001726	Screw	2 required

N/A = Part no longer available

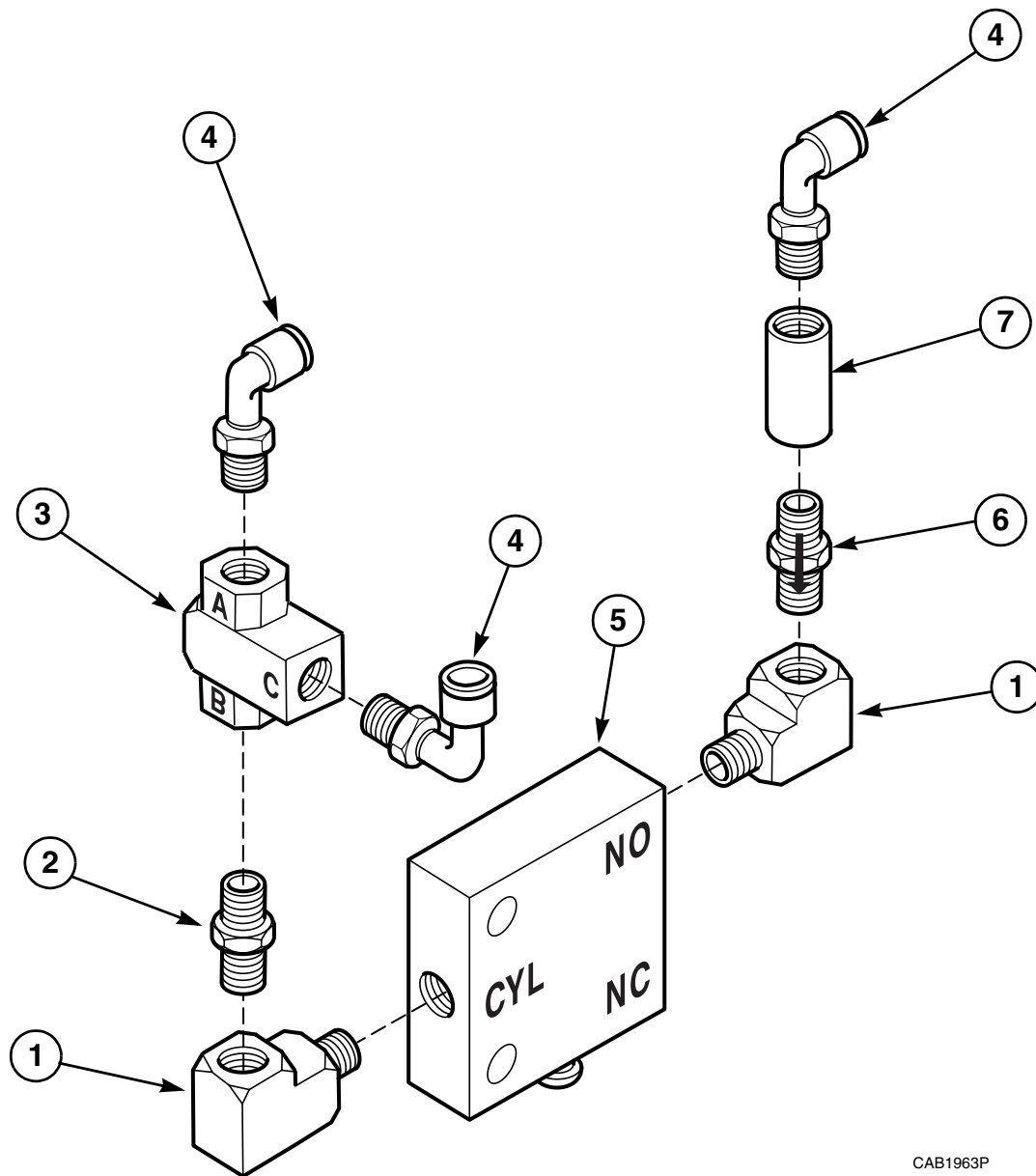
Collar Block Foot Pedal Base Assembly for ADFB Models Only



Collar Block Foot Pedal Base Assembly for ADFB Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	J1485010	Valve Assembly	Includes items 1-6
1	J1407741	Swivel Tubing Elbow	
2	J1018571	Pipe Coupling	
3	JA-54042	Check Valve	
4	J1381623	Street Elbow	
5	J1142504	3-Way Valve	
6	F422101	Air Coupling	

Collar Block Foot Pedal Valve Assembly for ACBBY Models Only

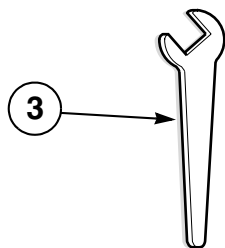
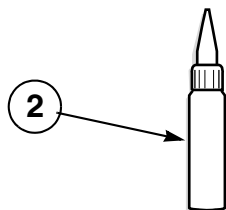
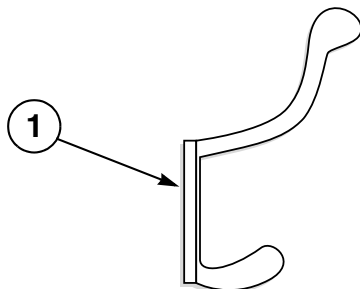


CAB1963P

Collar Block Foot Pedal Valve Assembly for ACBBY Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	J1484658	Valve Assembly	Includes items 1-7
1	J1381623	Street Elbow	2 required
2	J1232313	Pipe Nipple	
3	JA-53602	Shuttle Valve	
4	J1407741	Swivel Tubing Elbow	3 required
5	J1142504	3-Way Valve	
6	JA-54042	Check Valve	
7	J1018571	Pipe Coupling	

Shipped Box Parts



CAB2336P

Shipped Box Parts

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1410901	Hook	
2	J1490598	High Temperature Lubricant	1 oz. bottle
3	JKIT-00225	Eccentric Wrench Kit	Includes J1484732 Wrench and J1500297 Caution ECC Wrench Nameplate

Low Pressure Air Components – Models Starting 1980 Through September 1983

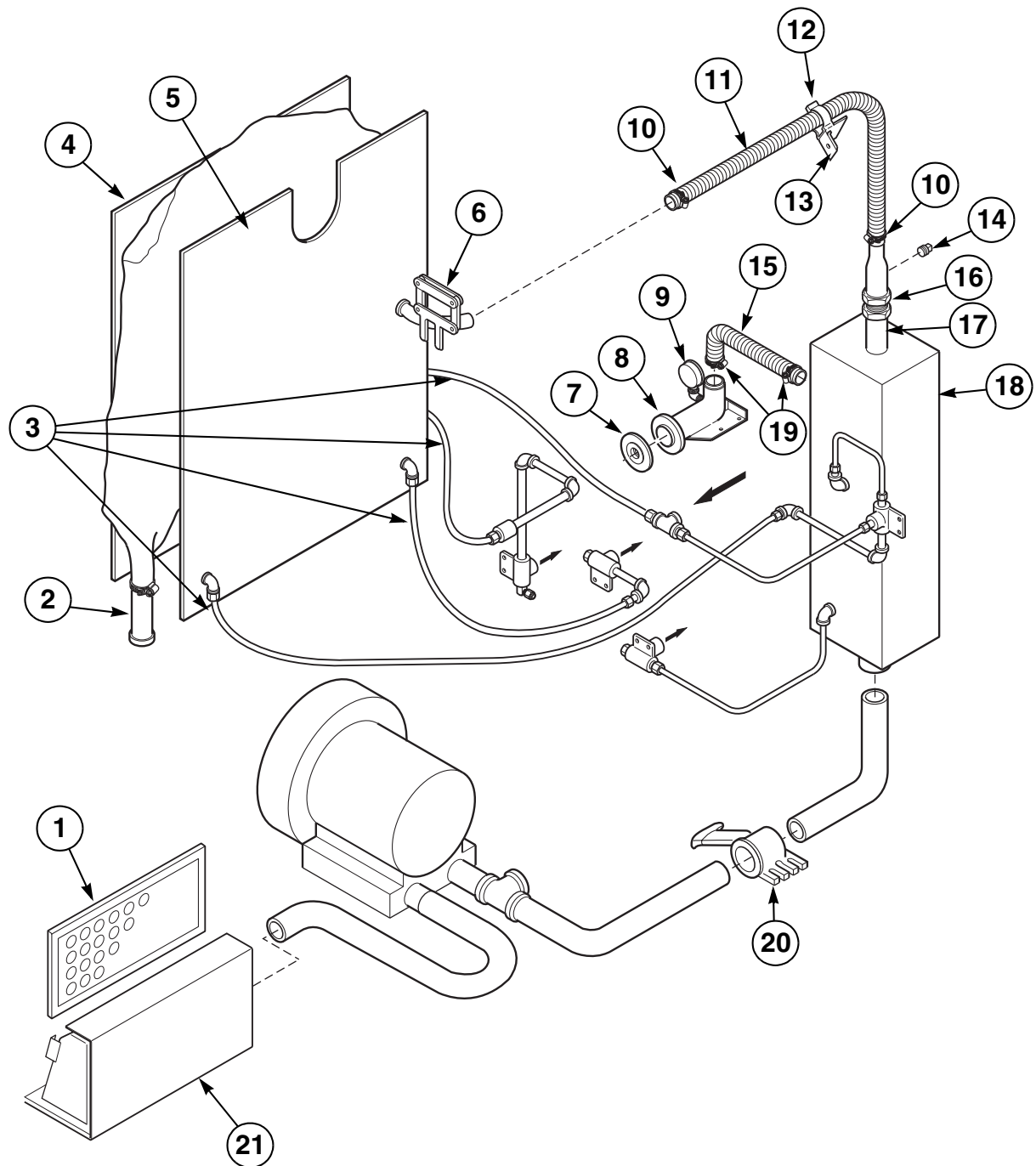


Low Pressure Air Components – Models Starting 1980 Through September 1983

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-51527	Gasket	4 required; Rubber; Use with items 23-25
	JA-53743	Spout Gasket	2 required; Use with items 5 and 22
1	JA-53679	Air Filter	2 required
2	JA-22287P	Hose	3 inch diameter
3	JC-21522	Worm Gear Clamp	6 required
4	JA-23012P	Hose	3 inch diameter
5	JA-22183	Air Intake Spout	
6	N/A	Blower Assembly	Includes items 5 and 22
7	JA-04746	Butterfly Assembly	2 required
8	J1319268	Steam Hose	4 required
9	JA-81886	Rear Head Weldment	
10	JA-81887	Front Head Weldment	
11	JA-08916	Snorkel Tube Assembly	Refer to <i>Snorkel Tube Assembly</i> section for parts breakdown
12	J1471531	Discharge Flange Gasket	
13	JA-80293	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
14	JA-51283	Diaphragm Gauge	0-5 psi
15	JC-21541	Worm Gear Clamp	2 required
16	JA-15547	Hose	1-1/8 inch diameter
17	JA-23011P	Hose	2 inch diameter
18	N/A	Heat Duct Weldment	
19	JA-08975P	Heat Exchanger Assembly	Refer to <i>Heat Exchanger Assembly</i> section for parts breakdown
20	20391	Hose Clamp	2 required
21	JA-23010P	Hose	3 inch diameter
22	JA-21963	Blower Spout	
23	JA-10158	Screw	4 required
24	J1001304	Washer	4 required
25	M400081	Washer	4 required
26	JA-08754	Extension Spring Assembly	4 required
27	N/A	Stud	2 required
28	N/A	Tension Pin	2 required
29	JA-53964	V-Belt	
30	N/A	Blower and Motor Plate	
31	JA-08540	Extension Spring Assembly	
32	JA-08869	Butterfly Valve Assembly	Refer to <i>Butterfly Valve Assembly</i> section for parts breakdown
33	N/A	Filter Box Weldment	

N/A = Part no longer available

Low Pressure Air Components – Models Starting September 1983 Through March 1986



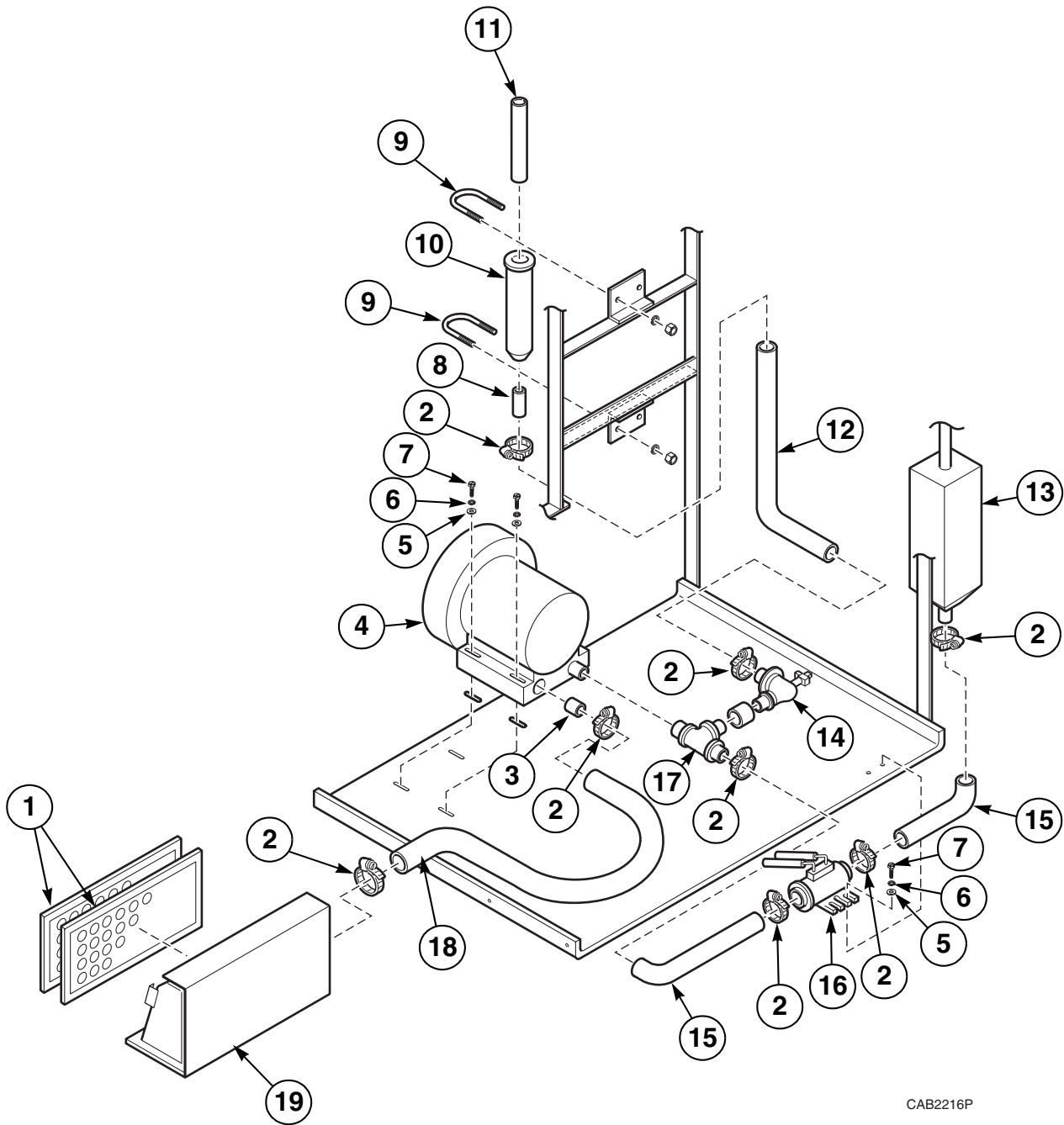
CAB2000P

Low Pressure Air Components – Models Starting September 1983 Through March 1986

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-52438	Screw	Use with item 13
	JA-52426	Screw	Use with item 13
	20275	Nut	Use with item 13
	JC-62412	Screw	Use with item 13
	J1001007	Washer	Use with item 13
1	JA-53679	Air Filter	2 required
2	JA-04746	Butterfly Assembly	2 required
3	J1319268	Steam Hose	4 required
4	JA-81886	Rear Head Weldment	
5	JA-81887	Front Head Weldment	
6	JA-08916	Snorkel Tube Assembly	Refer to <i>Snorkel Tube Assembly</i> section for parts breakdown
7	J1471531	Discharge Flange Gasket	
8	JA-80294	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
9	JA-51283	Diaphragm Gauge	0-5 psi
10	JC-21661	Worm Gear Clamp	2 required
11	J1394782	Hose	
12	J1235712	Conduit Hanger	
13	J1394790	Air Hose Mounting Angle	
14	J1161413	Pipe Plug	
15	JA-23011P	Hose	
16	JA-53944	Coupling	
17	N/A	Tube	
18	JA-08975P	Heat Exchanger Assembly	Refer to <i>Heat Exchanger Assembly</i> section for parts breakdown
19	20391	Hose Clamp	2 required
20	JA-08869	Butterfly Valve Assembly	Refer to <i>Butterfly Valve Assembly</i> section for parts breakdown
21	J1439025	Filter Box Weldment	

N/A = Part no longer available

Low Pressure Air Components – ADFBC and ACBBYC Models
Only Starting March 1986

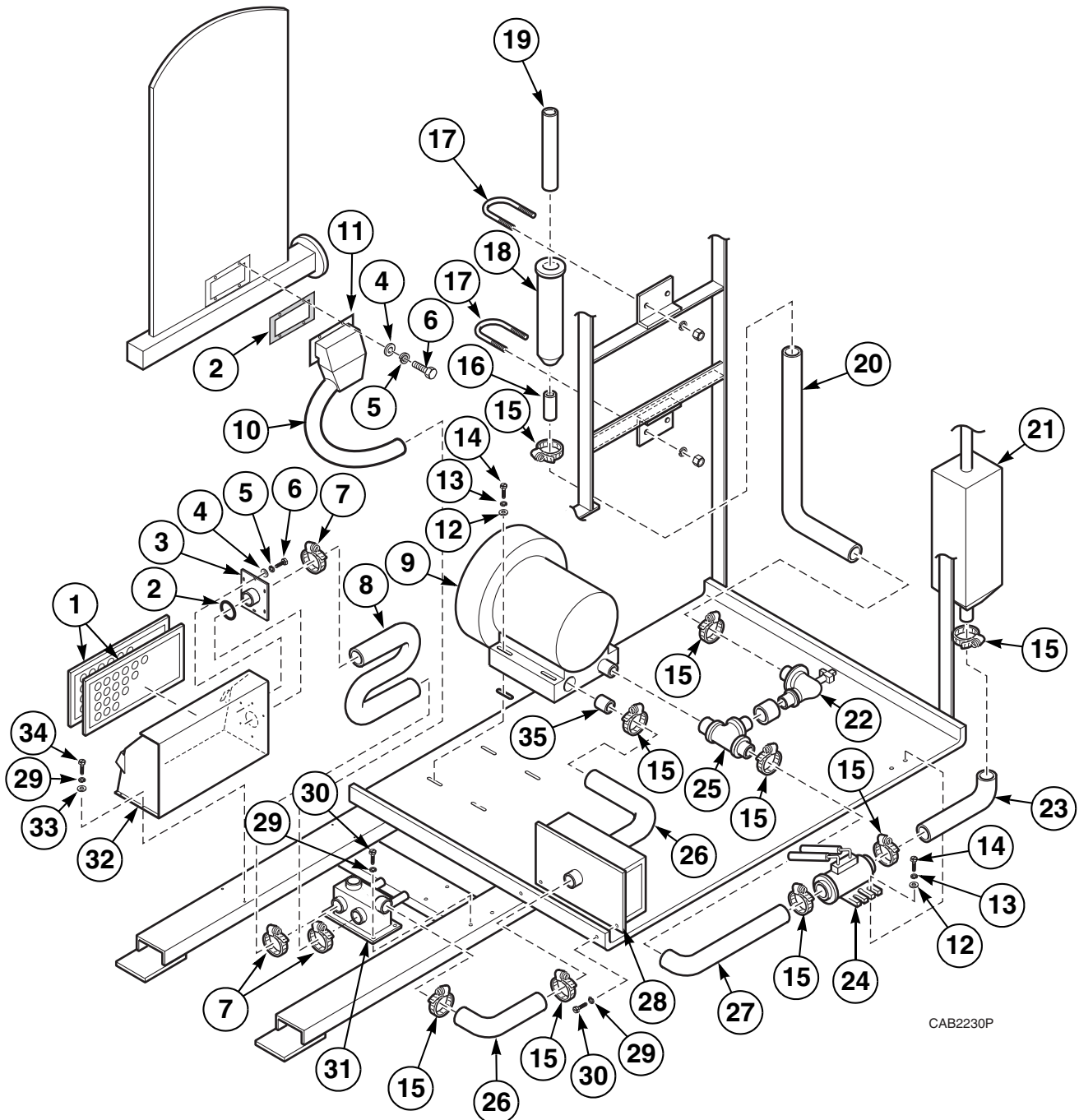


CAB2216P

Low Pressure Air Components – ADFBC and ACBBYC Models Only Starting March 1986

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-51527	Gasket	Rubber; 4 required; Use with item 4
	J1370584P	Hose	
	J1156967	Worm Gear Clamp	4 required
1	JA-53679	Air Filter	2 required
2	JC-21522	Worm Gear Clamp	8 required
3	J1398544	Pipe Nipple	
4	J1567775	Blower	200 Volt/3 Phase/50 Hertz
	J0220243-00	Blower	250 Volt/3 Phase/50-60 Hertz; 460 Volt/3 Phase/60 Hertz
	J1567767	Blower	575 Volt/3 Phase/60 Hertz
5	J1001304	Washer	6 required
6	M400014	Washer	6 required
7	J1122118	Screw	6 required
8	J1370543	Pipe Nipple	
9	J1351204	Bolt	2 required
10	J1370691	Muffler	
11	J1370550	Pipe Nipple	
12	J1370600P	Hose	
13	J1525237	Heat Exchanger Assembly	Refer to <i>Heat Exchanger Assembly</i> section for parts breakdown
14	J1370634	Pipe Assembly Bushing	
15	J1370576P	Hose	
16	JA-08869	Butterfly Valve Assembly	Refer to <i>Butterfly Valve Assembly</i> section for parts breakdown
17	J1479716	Outlet Weldment	Tee
18	J1370592P	Hose	
19	J1439025	Filter Box Weldment	

Low Pressure Air Components – ACBBYCV Models Only Starting 1990

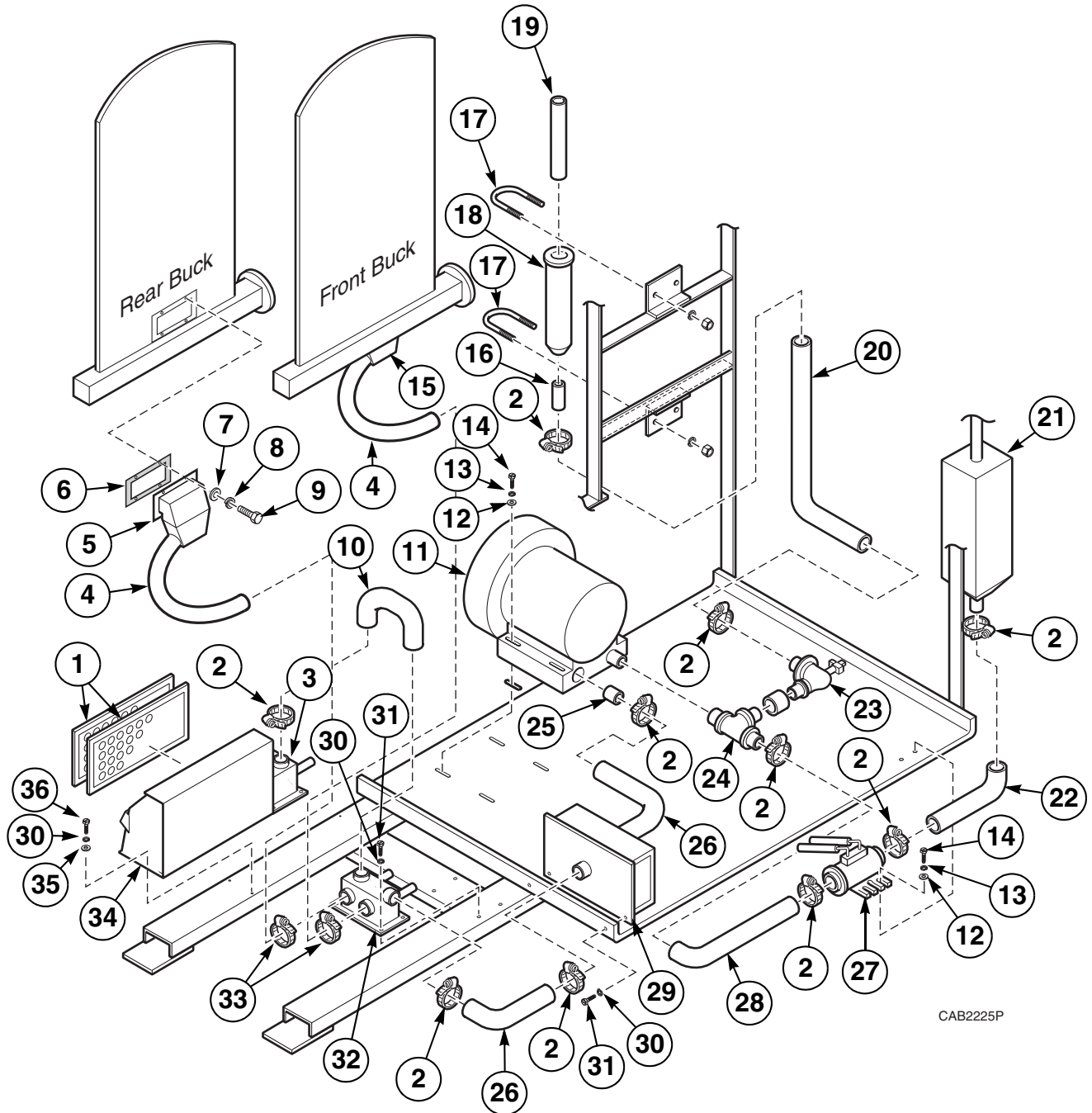


CAB2230P

Low Pressure Air Components – ACBBYCV Models Only Starting 1990

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-51527	Gasket	Rubber; 4 required; Use with item 9
	J1156967	Worm Gear Clamp	4 required
1	JA-53679	Air Filter	2 required
2	J1372937	Seal	Vacuum inlet
3	J1475425	Filter Box Adapter Weldment	
4	JC-80759	Washer	10 required
5	J1000975	Washer	10 required
6	JC-61269	Screw	10 required
7	JC-21541	Worm Gear Clamp	4 required
8	J1477041P	Air Hose	
9	J1567775	Blower	200 Volt/3 Phase/50 Hertz
	J0220243-00	Blower	250 Volt/3 Phase/50-60 Hertz; 460 Volt/3 Phase/60 Hertz
	J1567767	Blower	575 Volt/3 Phase/60 Hertz
10	J1586155P	Buck Vacuum Hose	
11	J1479542	Front Vacuum Box Weldment	
12	J1001304	Washer	6 required
13	M400014	Washer	6 required
14	J1122118	Screw	6 required
15	JC-21522	Worm Gear Clamp	10 required
16	J1370543	Pipe Nipple	
17	J1351204	Bolt	2 required
18	J1370691	Muffler	
19	J1370550	Pipe Nipple	
20	J1370600P	Hose	
21	J1525237	Heat Exchanger Assembly	Refer to <i>Heat Exchanger Assembly</i> section for parts breakdown
22	J1370634	Pipe Assembly Bushing	
23	J1370576P	Hose	
24	JA-08869	Butterfly Valve Assembly	Refer to <i>Butterfly Valve Assembly</i> section for parts breakdown
25	J1479716	Outlet Weldment	Tee
26	J1476175P	Air Hose	2 required; 13 inches
27	J1370584P	Hose	
28	J1479278	Filter Housing Assembly	
29	J1185073	Washer	6 required
30	02422	Screw	4 required
31	J148176101	Damper Assembly	Refer to <i>Damper Assembly</i> section for parts breakdown
32	J1475409	Filter Box Weldment	
33	JC-80513	Washer	2 required
34	JA-53020	Screw	2 required
35	J1398544	Pipe Nipple	

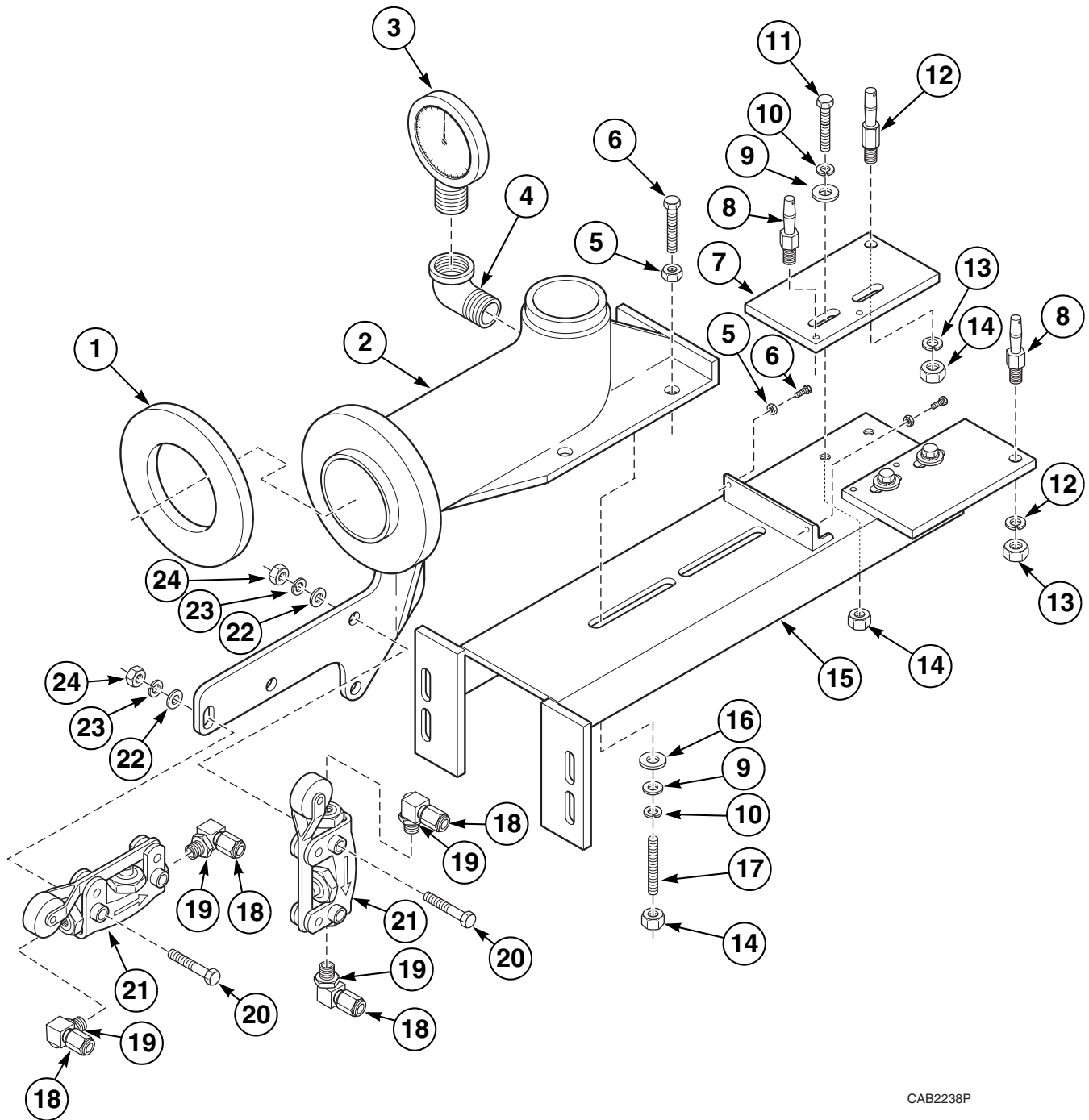
Low Pressure Air Components – ADFBCV Models Only Starting 1990



Low Pressure Air Components – ADFBCV Models Only Starting 1990

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-51527	Gasket	Rubber; 4 required; Use with item 11
	J1156967	Worm Gear Clamp	4 required
1	JA-53679	Air Filter	2 required
2	JC-21522	Worm Gear Clamp	10 required
3	J1479484	Filter Box Damper Assembly	Refer to <i>Filter Box Damper Assembly</i> section for parts breakdown
4	J1586155P	Buck Vacuum Hose	
5	J1479559	Rear Vacuum Box Weldment	
6	J1372937	Seal	Vacuum inlet
7	JC-80759	Washer	10 required
8	J1000975	Washer	10 required
9	JC-61269	Screw	10 required
10	J1479682P	Air Hose	
11	J1567775	Blower	200 Volt/3 Phase/50 Hertz
	J0220243-00	Blower	250 Volt/3 Phase/50-60 Hertz; 460 Volt/3 Phase/60 Hertz
	J1567767	Blower	575 Volt/3 Phase/60 Hertz
12	J1001304	Washer	6 required
13	M400014	Washer	6 required
14	J1122118	Screw	6 required
15	J1479542	Front Vacuum Box Weldment	
16	J1370543	Pipe Nipple	
17	J1351204	Bolt	2 required
18	J1370691	Muffler	
19	J1370550	Pipe Nipple	
20	J1370600P	Hose	
21	J1525237	Heat Exchanger Assembly	Refer to <i>Heat Exchanger Assembly</i> section for parts breakdown
22	J1370576P	Hose	
23	J1370634	Pipe Assembly Bushing	
24	J1479716	Outlet Weldment	Tee
25	J1398544	Pipe Nipple	
26	J1476175P	Air Hose	2 required; 13 inches
27	JA-08869	Butterfly Valve Assembly	Refer to <i>Butterfly Valve Assembly</i> section for parts breakdown
28	J1370584P	Hose	
29	J1479278	Filter Housing Assembly	Includes J1475102 Filter
30	J1185073	Washer	6 required
31	02422	Screw	4 required
32	J147924501	Damper Assembly	Refer to <i>Damper Assembly</i> section for parts breakdown
33	JC-21541	Worm Gear Clamp	4 required
34	J1475409	Filter Box Weldment	
35	JC-80513	Washer	2 required
36	JA-53020	Screw	2 required

Discharge Tube Assembly

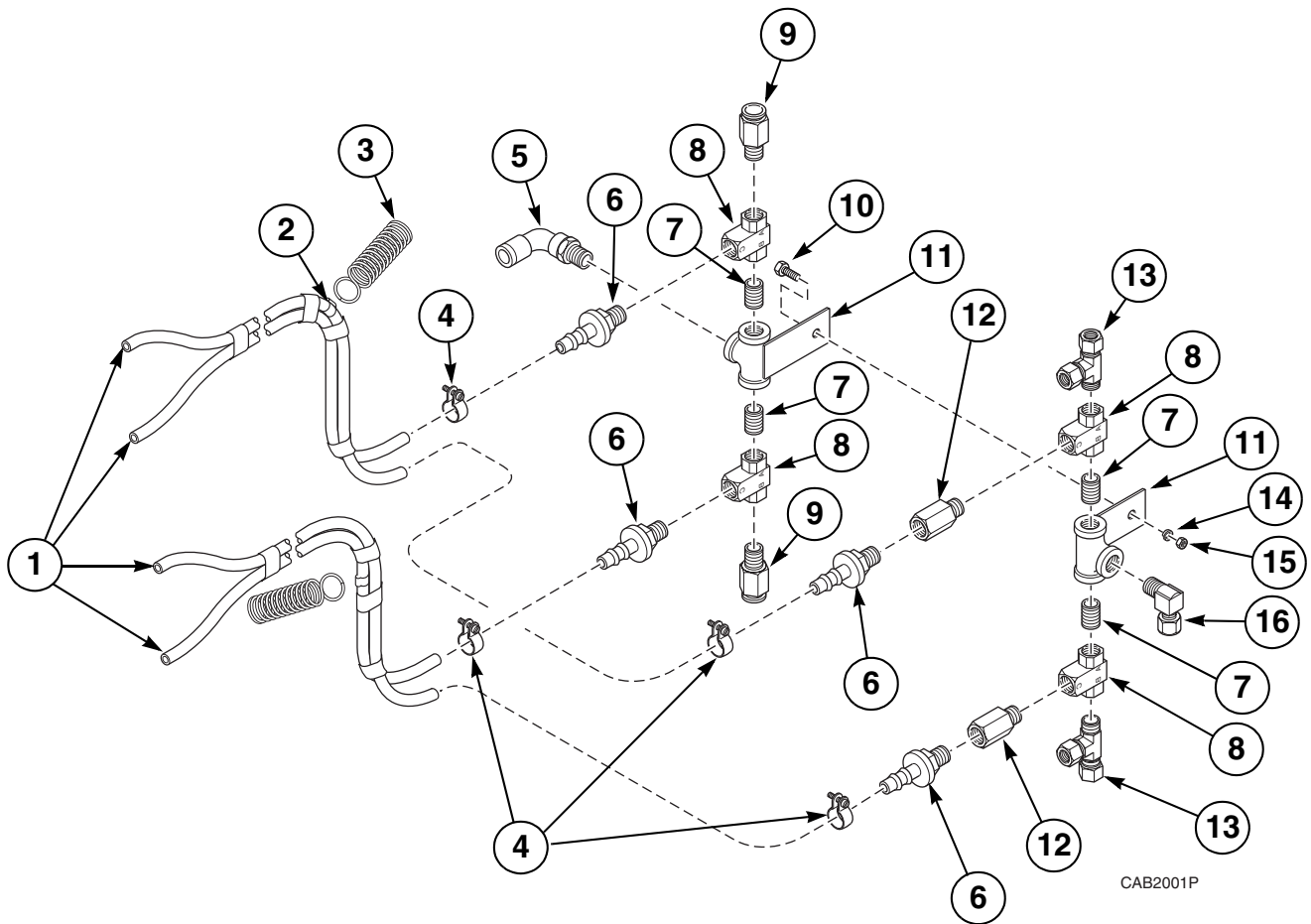


CAB2238P

Discharge Tube Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-80294	Discharge Tube Assembly	ADFB models only; Includes items 1-24
	JA-80293	Discharge Tube Assembly	ACBBY models only; Includes items 1-24
	F410102	Clear Sealant	Use to bond item 1 to item 2
	J1001270	Washer	
	JA-50642	Pipe Elbow	
	M400056	Screw	
1	J1471531	Discharge Flange Gasket	
2	JA-23305	Discharge Tube	
3	JA-51283	Diaphragm Gauge	0-5 psi
4	J1231521	Street Pipe Elbow	
5	20275	Nut	6 required
6	JA-54156	Screw	6 required
7	JA-24692	Cylinder Support	2 required for ADFB models; 1 required for ACBBY models
8	JA-22763	Pin	2 required for ACBBY models 4 required for ADFB models
9	M400081	Washer	3 required for ACBBY models; 5 required for ADFB models
10	M400014	Washer	3 required for ACBBY models; 5 required for ADFB models
11	430648	Screw	2 required for ACBBY models; 4 required for ADFB models
12	91200	Washer	1 required for ACBBY models; 2 required for ADFB models
13	J1000850	Nut	1 required for ACBBY models; 2 required for ADFB models
14	20274	Nut	3 required for ACBBY models; 5 required for ADFB models
15	JA-09212	Cylinder Mounting	
16	J1001338	Washer	
17	JA-51951	Screw	
18	JA-50770	Male Compression Elbow	2 required for ACBBY models; 4 required for ADFB models
19	JC-19609	Reducing Bushing	2 required for ACBBY models; 4 required for ADFB models
20	JA-50128	Screw	2 required for ACBBY models; 4 required for ADFB models
21	JA-53892	3-Way Air Roller Valve	1 required for ACBBY models; 2 required for ADFB models
22	JC-80513	Washer	2 required for ACBBY models; 4 required for ADFB models
23	J1185073	Washer	2 required for ACBBY models; 4 required for ADFB models
24	20275	Nut	2 required for ACBBY models; 4 required for ADFB models

Shuttle Valve and Hose Assembly for ADFB Models Only

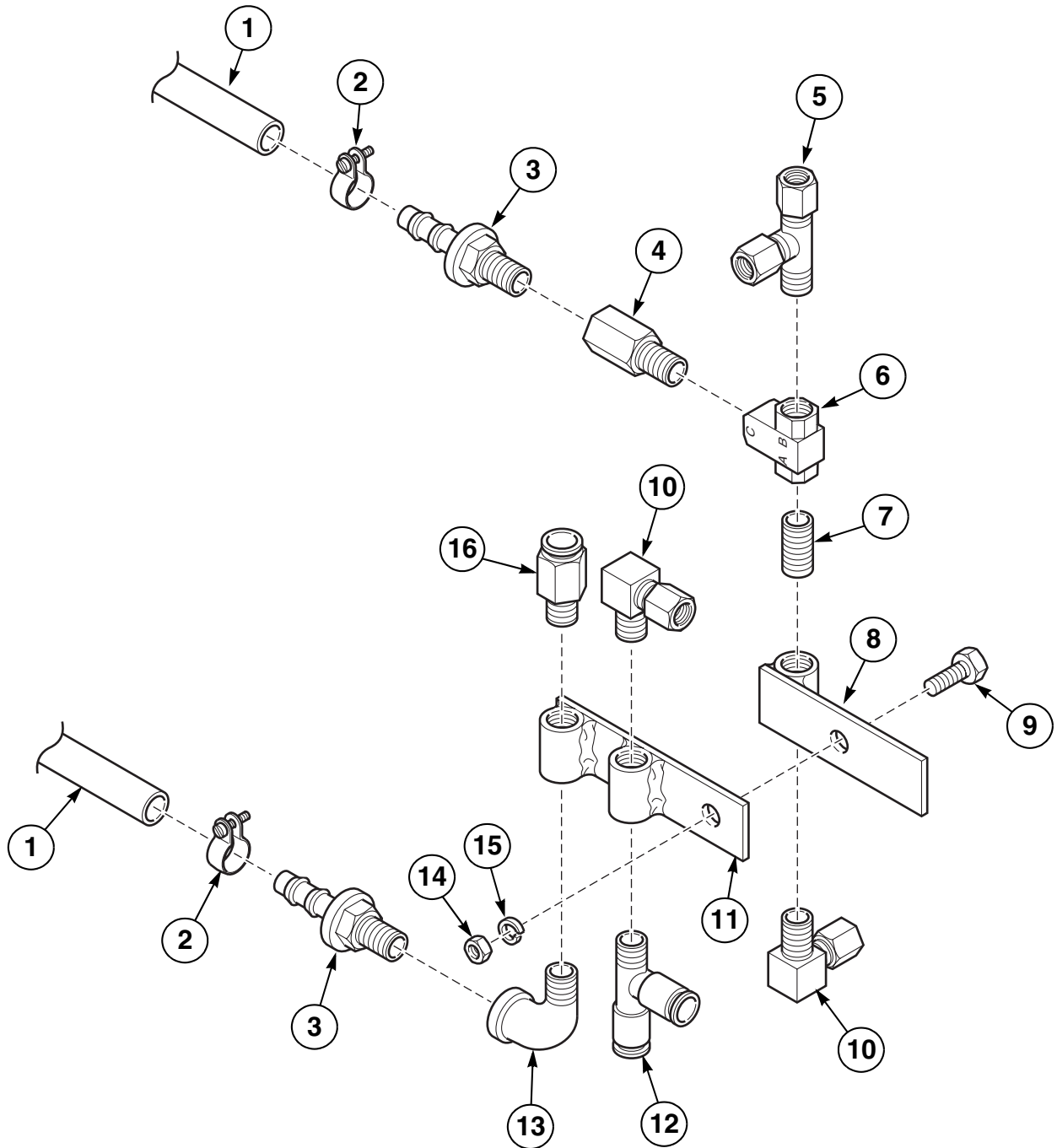


Shuttle Valve and Hose Assembly for ADFB Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-80290	Shuttle Valve and Hose	Includes items 1-16; Models through 1992
	J1492479	Shuttle Valve and Hose Assembly	Includes J1492321 Shuttle Valve Assembly and items 1 and 2; Models starting 1992
	JA-09502	Shuttle Valve Assembly	Includes items 1-10 and 12; Models through 1992
	J1492321	Shuttle Valve Assembly	Includes items 5-16; Models starting 1992
	JA-80277	Front Bracket and Swivel Assembly	
	JA-80278	Rear Bracket and Swivel Assembly	
1	JA-24549	Hose	2 required; Twin green/red; 1/4 x 37-1/2 inches
2	JA-54396	Clamp	2 required
3	JA-50949	Spring	
4	JA-54396	Clamp	8 required
5	J1407741	Swivel Tubing Elbow	
6	JA-54300	Barbed Hose Connector	4 required
7	J1232313	Pipe Nipple	4 required
8	JA-53602	Shuttle Valve	4 required
9	F422101	Air Coupling	2 required
10	JA-53020	Screw	
11	JA-06853	Tee and Bracket Weldment	2 required
12	J1392158	Orifice	2 required
13	JA-50783	Tee	2 required
14	JA-51475	Washer	
15	20275	Nut	
16	JA-50770	Male Compression Elbow	

Shuttle Valve and Hose Assembly for ACBBY Models only

Models Starting 1992

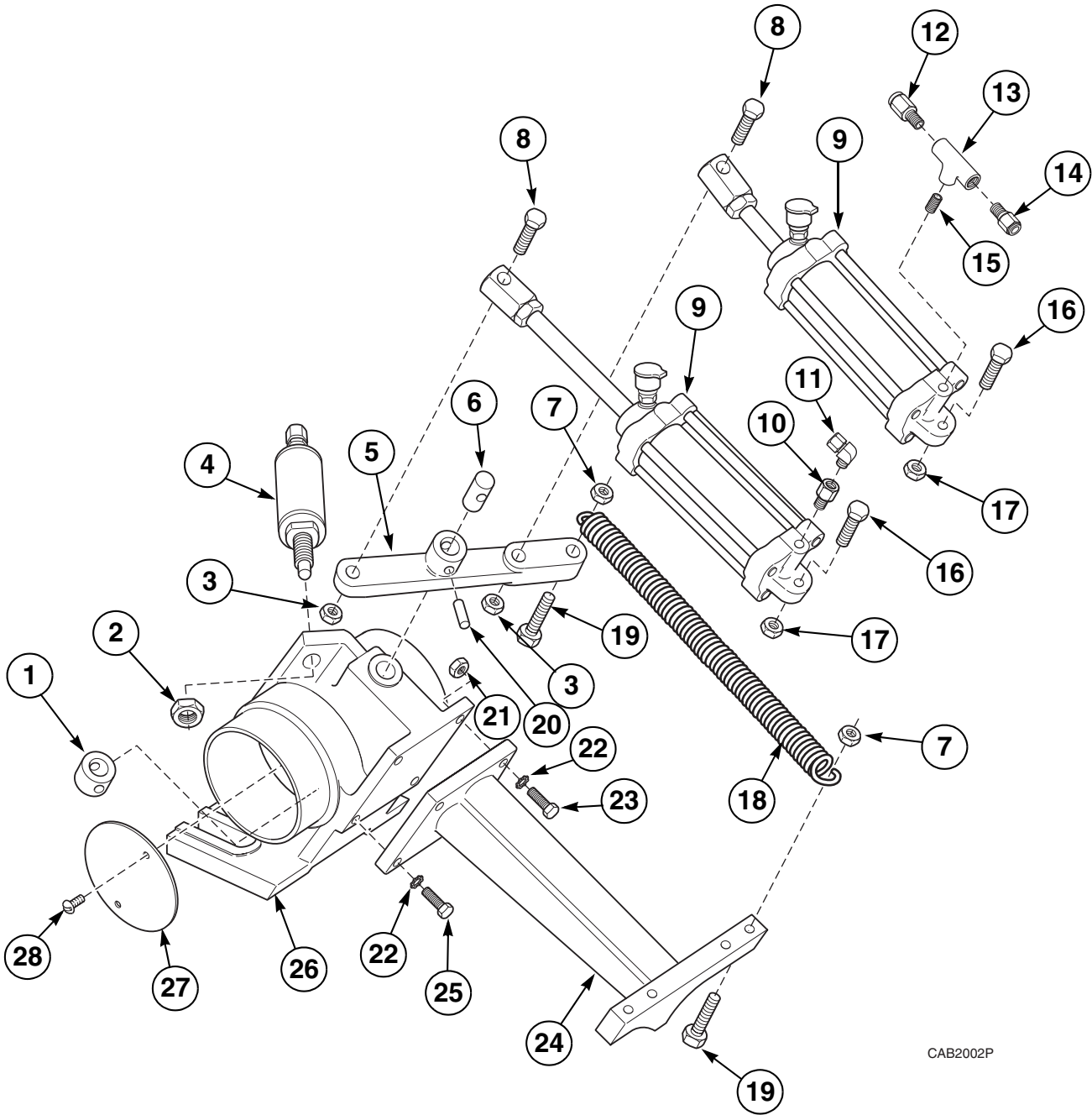


CAB2261P

Shuttle Valve and Hose Assembly for ACBBY Models only

REF	PART NO.	DESCRIPTION	COMMENTS
	J1492206	Shuttle Valve and Hose Assembly	Includes items 1-16
1	JA-24549	Hose	Twin green/red; 1/4 x 37-1/2 inches
2	JA-54396	Clamp	2 required
3	JA-54300	Barbed Hose Connector	2 required
4	J1392158	Orifice	
5	JA-50783	Tee	
6	JA-53602	Shuttle Valve	
7	J1232313	Pipe Nipple	
8	J1335793	Single Bracket Coupling Weldment	
9	JA-53020	Screw	
10	JA-50770	Male Compression Elbow	2 required
11	J1490895	Bracket and Coupling Weldment	
12	J1438357	Quick Tubing Tee	
13	JC-28235	Street Pipe Elbow	
14	20275	Nut	
15	J1185073	Washer	
16	F422101	Air Coupling	

Butterfly Valve Assembly

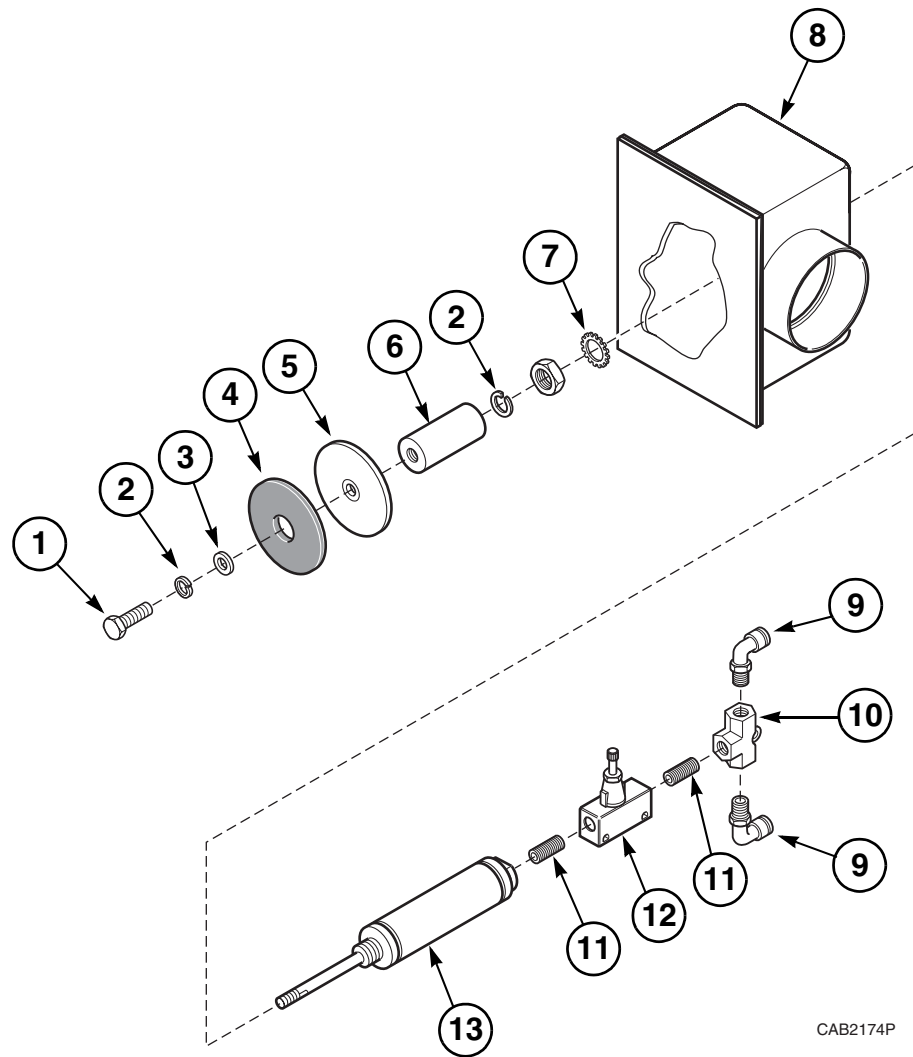


CAB2002P

Butterfly Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-08869	Butterfly Valve Assembly	Includes items 1-28
1	JA-50994	Safety Collar	
2	J1065671	Nut	
3	20274	Nut	2 required
4	JA-09329	Butterfly Cylinder Valve	Refer to <i>Butterfly Cylinder Valve</i> section for parts breakdown
5	JA-08867	Actuating Arm and Shaft Assembly	Includes items 6 and 20
6	JA-21888	Butterfly Shaft	
7	52566	Nut	2 required
8	430648	Screw	2 required
9	JA-00025	Actuating Cylinder Assembly	2 required; Refer to <i>Actuating Cylinder Assembly</i> section for parts breakdown
10	JA-52776	Orifice Fitting	
11	J1407741	Swivel Tubing Elbow	
12	J1151661	Compression Connector	
13	JC-70613	Pipe Tee	
14	F422101	Air Coupling	
15	J1232313	Pipe Nipple	
16	JA-52808	Screw	2 required
17	70142	Nut	2 required
18	JA-54004	Extension Spring	
19	JC-62516	Screw	2 required
20	JA-51144	Roll Pin	2 required
21	20275	Nut	2 required
22	JA-52154	Washer	3 required
23	J1238518	Screw	3 required
24	JA-23310	Bracket Housing	
25	JA-53020	Screw	
26	JA-08327	Butterfly Housing	
27	JA-21889	Butterfly	
28	M400044	Screw	2 required

Filter Box Damper Assembly

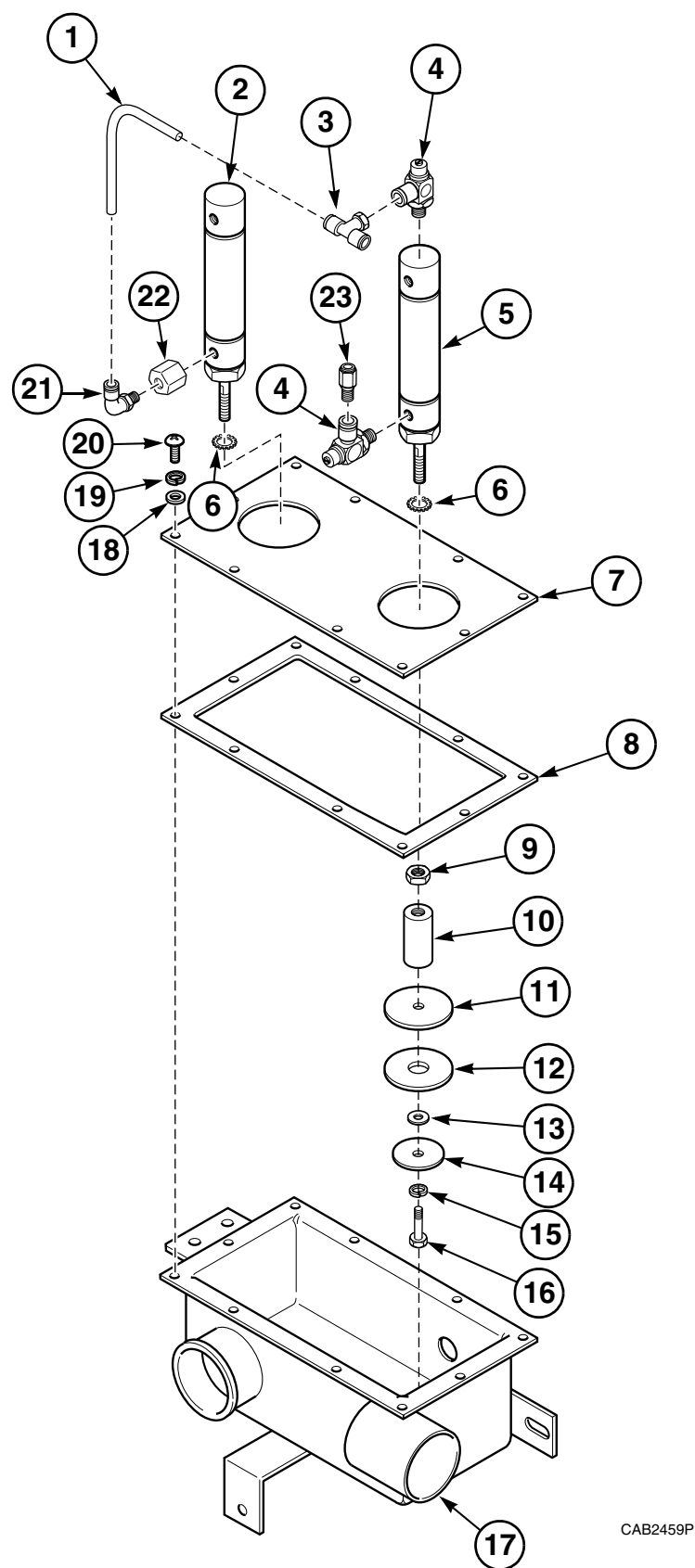


CAB2174P

Filter Box Damper 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	Cylinder Coupling	
7	JA-53116	Washer	
8	J1479492	Filter Box Damper Weldment	
9	J1407741	Swivel Tubing Elbow	2 required
10	JA-53602	Shuttle Valve	
11	J1232313	Pipe Nipple	2 required
12	J0380121-00	Flow Control	
13	J1390806	Air Cylinder	Includes nut

Damper Assembly for ACBBY Models Only

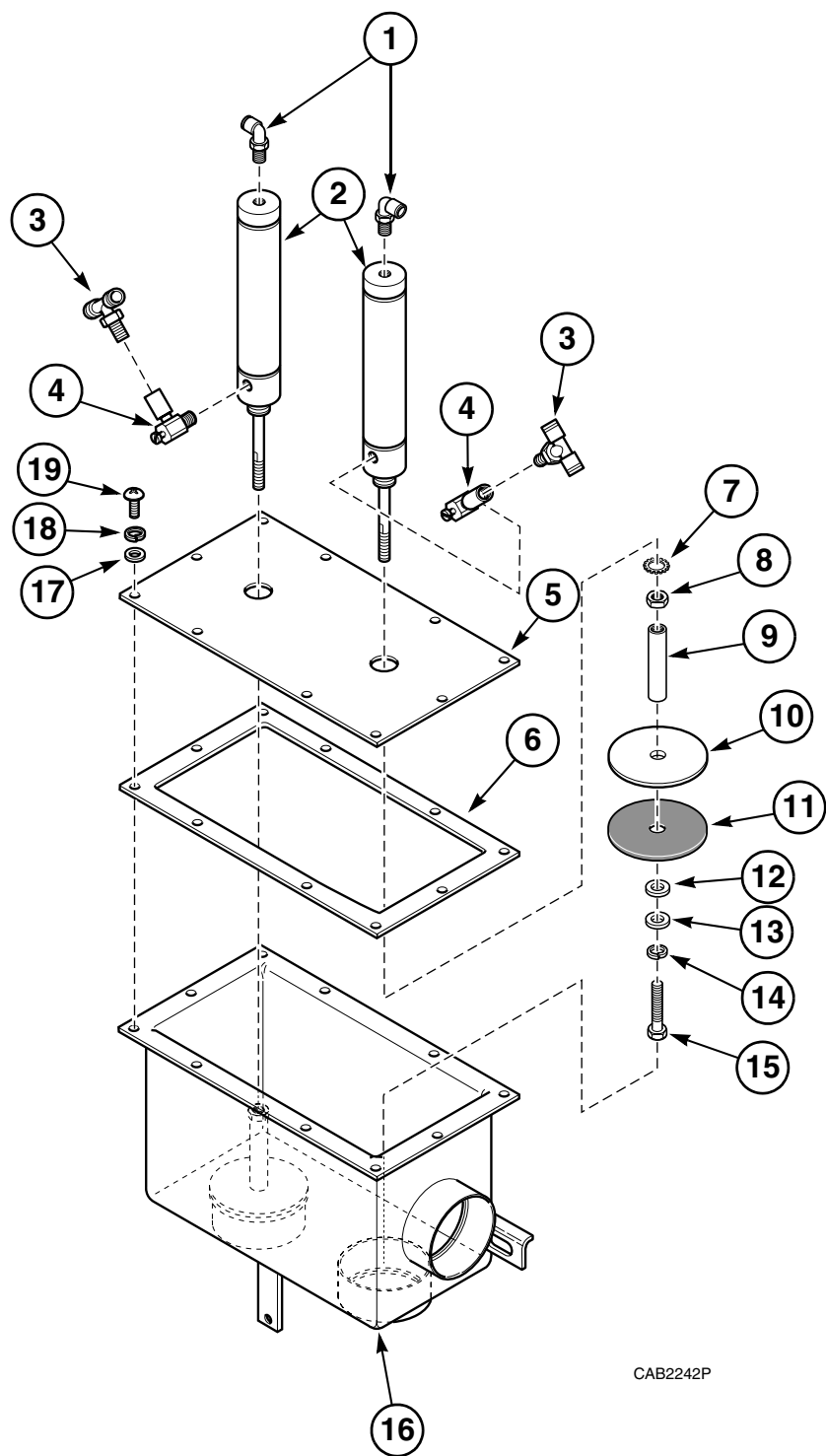


CAB2459P

Damper Assembly for ACBBY Models Only

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	
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	JC-80759	Washer	10 required
19	J1000975	Washer	10 required
20	J1185107	Screw	10 required
21	J1407741	Swivel Tubing Elbow	
22	J1392158	Orifice	
23	F422101	Air Coupling	

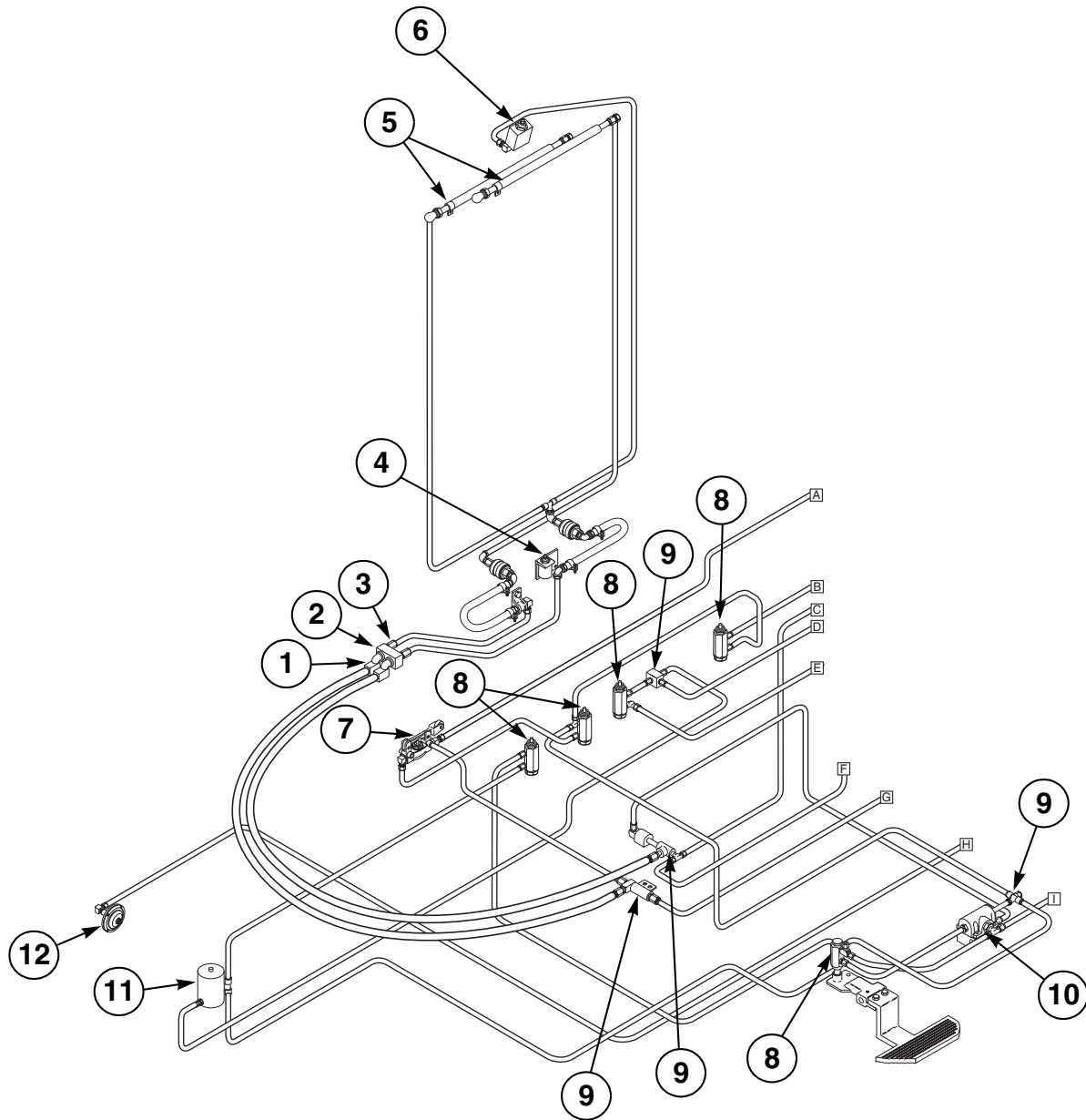
Damper Assembly for ADFB Models Only



Damper Assembly for ADFB Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	J147924501	Damper Assembly	Includes items 1-19
1	J1407741	Swivel Tubing Elbow	2 required
2	J1437060	Air Cylinder	2 required
3	J1437029	Quick Tubing Tee	2 required
4	J1455781	Swivel Flow Control Valve	2 required
5	J1479328	Damper Box Cover	
6	J1437078	Damper Box Gasket	
7	J1338565	Washer	2 required
8	JC-48289	Nut	2 required
9	J1398445	Cylinder Coupling	2 required
10	J1398478	Washer	Large; 2 required
11	J1398460	Washer	Rubber; 2 required
12	J1398452	Washer	Shim; 2 required
13	J1398437	Washer	Outside; 2 required
14	M400013	Washer	2 required
15	JC-62851	Screw	2 required
16	J1479260	Damper Box Weldment	
17	JC-80759	Washer	10 required
18	J1000975	Washer	10 required
19	J1185107	Screw	10 required

Air System – ACBBY Models Starting 1980 Through 1992 (Drawing 1 of 2)



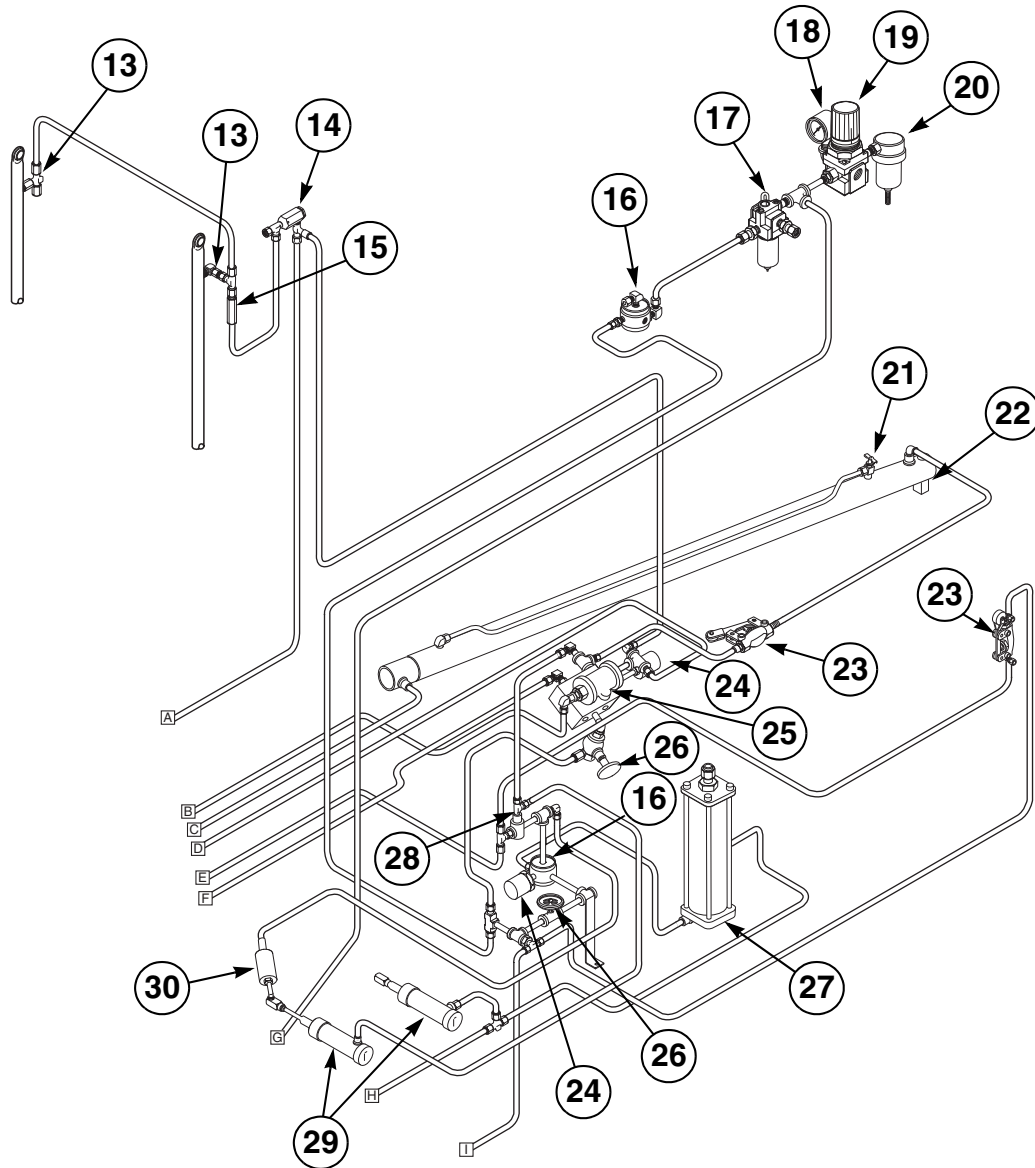
CAB2003P

Air System – ACBBY Models Starting 1980 Through 1992 (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	JA-54300	Barbed Hose Connector	2 required
2	J1335819	Bracket Coupling Weldment	
3	JA-54426	Swivel	2 required
4	JKIT-00125	Cylinder Kit	Refer to <i>Tail Clamp Cylinder Assembly</i> section for parts breakdown
5	JKIT-00220	Sleeve Expander Kit	Refer to <i>Sleeve Expander – Old Style</i> section for parts breakdown
	J1492867P	Sleeve Expander Kit	Refer to <i>Sleeve Expander – Old Style</i> section for parts breakdown
6	JA-08877	Collar Block Assembly	Refer to <i>Collar Block Assembly</i> section for parts breakdown
7	JA-53892	3-Way Air Roller Valve	NC; Refer to <i>3-Way Air Roller Valve</i> section for parts breakdown
8	JA-06430	Valve Body Assembly	5 required; Refer to <i>Valve Body Assembly</i> section for parts breakdown
9	JA-53602	Shuttle Valve	5 required
10	JA-54059	Air Valve	4-way; Double pressure piloted; Refer to <i>Air Valve</i> section for parts breakdown
11	JA-52334	Solenoid Valve	3-way; NC
12	N/A	Diaphragm Assembly	Refer to <i>Diaphragm Assembly</i> section for parts breakdown

N/A = Part no longer available

Air System – ACBBY Models Starting 1980 Through 1992 (Drawing 2 of 2)



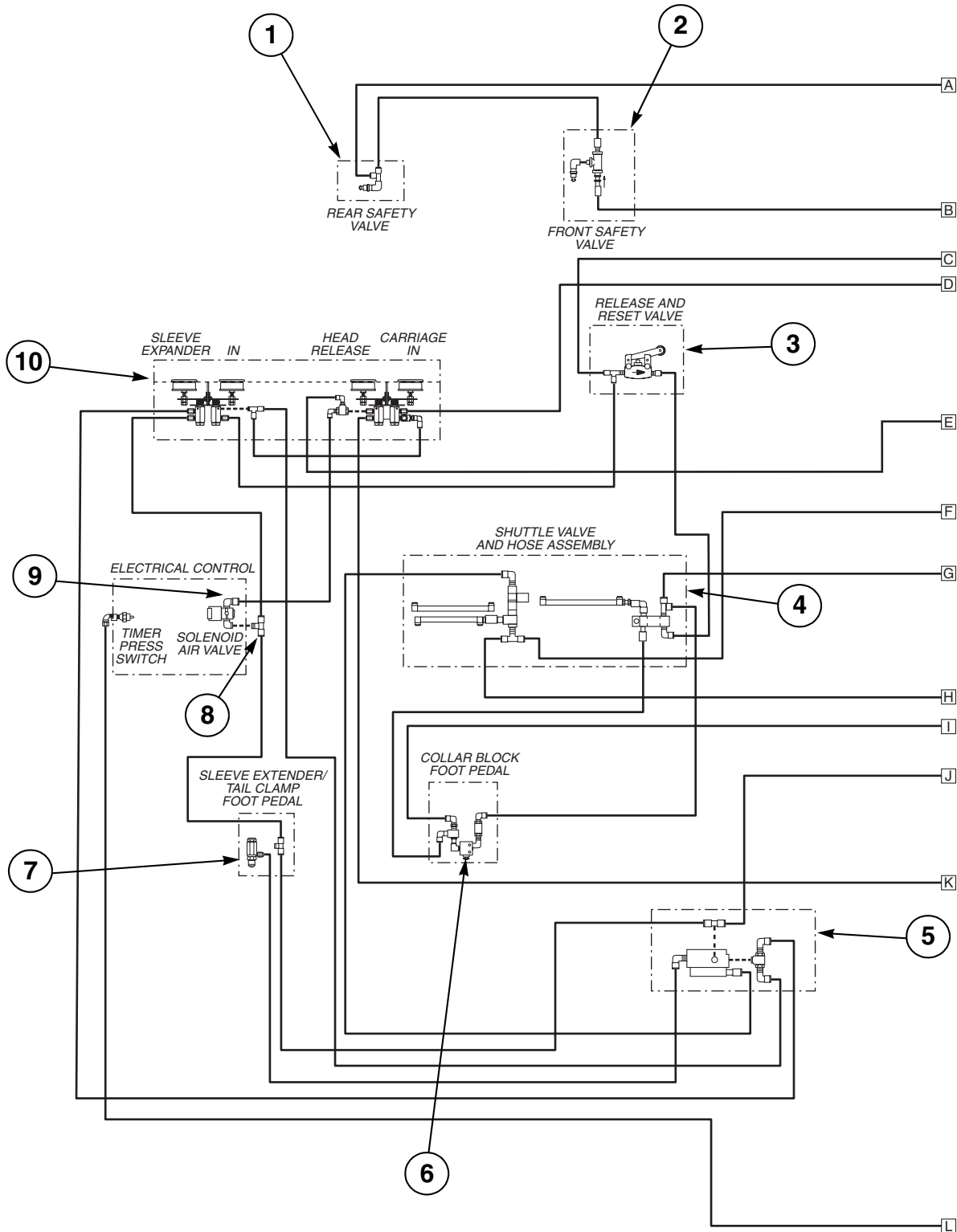
CAB2004P

Air System – ACBBY Models Starting 1980 Through 1992 (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
13	JA-53893	Bleeder Valve	2 required
14	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown
15	JA-54042	Check Valve	
16	JA-53550	3-Way Dump Valve	NC; 2 required
17	JA-55013	Air Lubricator	
18	JA-50865	Pressure Gauge	0-200 psi
19	JA-53898	Non-Relieving Air Regulator	
20	J1028851	Compact Air Filter	
21	JC-77269	Male Compression Needle Valve	
22	J1457290P	Air Cylinder Kit	Refer to <i>Indexing Cylinder Assembly</i> section for parts breakdown
23	JA-53892	3-Way Air Roller Valve	NC; 2 required; Refer to <i>3-Way Air Roller Valve</i> section for parts breakdown
24	JA-53584	Air Muffler	2 required
25	JA-53894	4-Way Air Valve	Refer to <i>4-Way Air Valve</i> section for parts breakdown
26	J1036458	Needle Globe Valve	2 required
27	N/A	Main Air Cylinder Assembly	Refer to <i>Main Air Cylinder Assembly</i> section for parts breakdown
28	JA-54437	3-Way Dump Valve	NO
29	JA-00025	Actuating Cylinder Assembly	2 required; Refer to <i>Actuating Cylinder Assembly</i> section for parts breakdown
30	JA-09329	Butterfly Cylinder Valve	Refer to <i>Butterfly Cylinder Valve</i> section for parts breakdown

N/A = Part no longer available

Air System – ACBBYC Models Starting 1992 Through 1995 (Drawing 1 of 2)

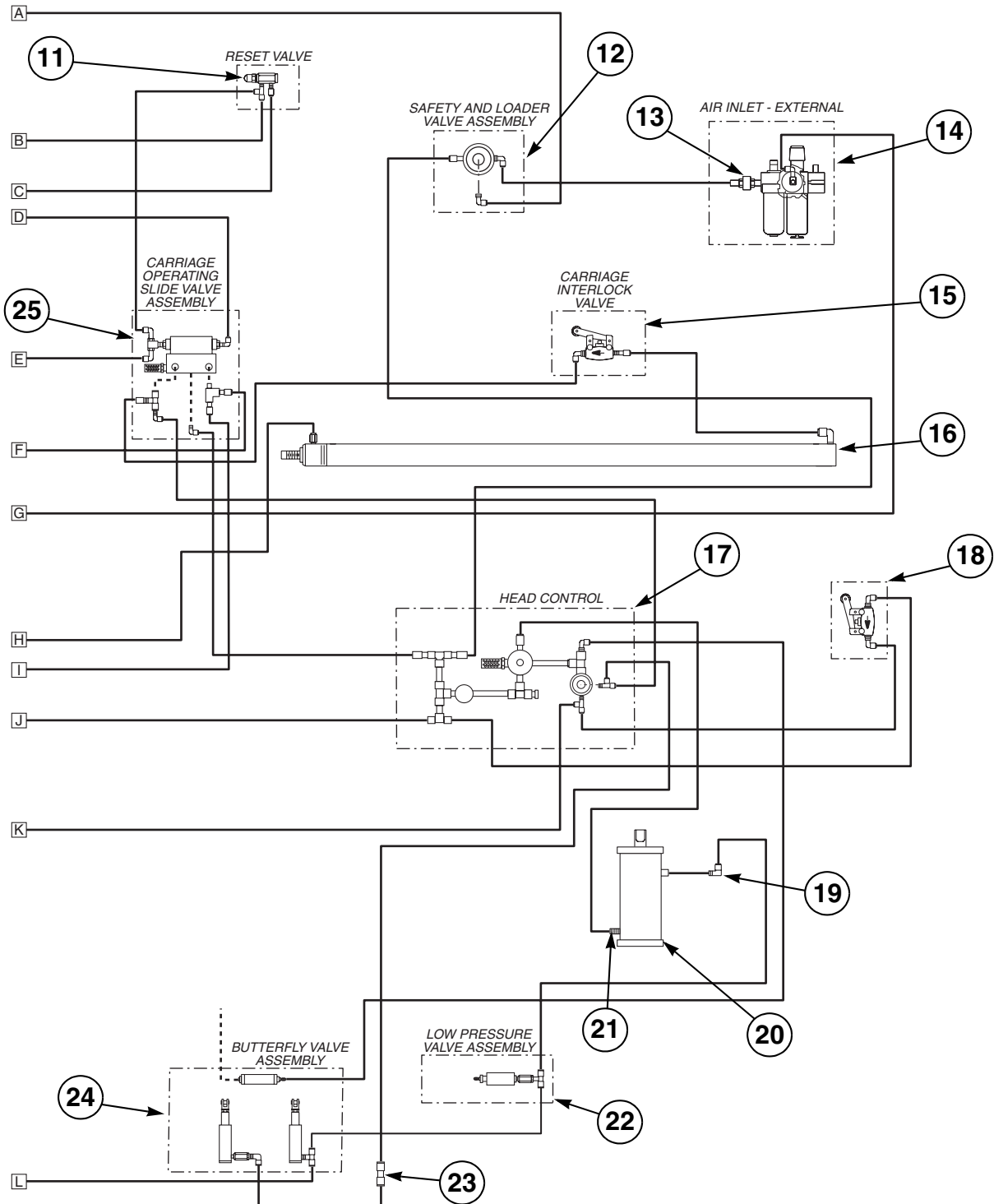


CAB2217P

Air System – ACBBYC Models Starting 1992 Through 1995 (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	JA-09449	Rear Safety Valve	Refer to <i>Safety Valve Assemblies</i> section for parts breakdown
2	JA-09380	Safety Valve Assembly	Refer to <i>Safety Valve Assemblies</i> section for parts breakdown
3	JA-09564	Release and Reset Valve	
4	J1492206	Shuttle Valve and Hose Assembly	Refer to <i>Shuttle Valve and Hose Assembly</i> section for parts breakdown
5	JA-09405	Slide Valve Assembly	Refer to <i>Slide Valve Assemblies</i> section for parts breakdown
6	J1484658	Valve Assembly	Refer to <i>Foot Pedal Valve Assembly</i> section for parts breakdown
7	J1387836	Pedal Base Assembly	Refer to <i>Pedal Base Assembly</i> section for parts breakdown
8	JC-30734	Male Compression Tee	
9	JA-50642	Pipe Elbow	
10	JA-09565	Pushbutton Console	Refer to <i>Pushbutton Console</i> section for parts breakdown

Air System – ACBBYC Models Starting 1992 Through 1995 (Drawing 2 of 2)

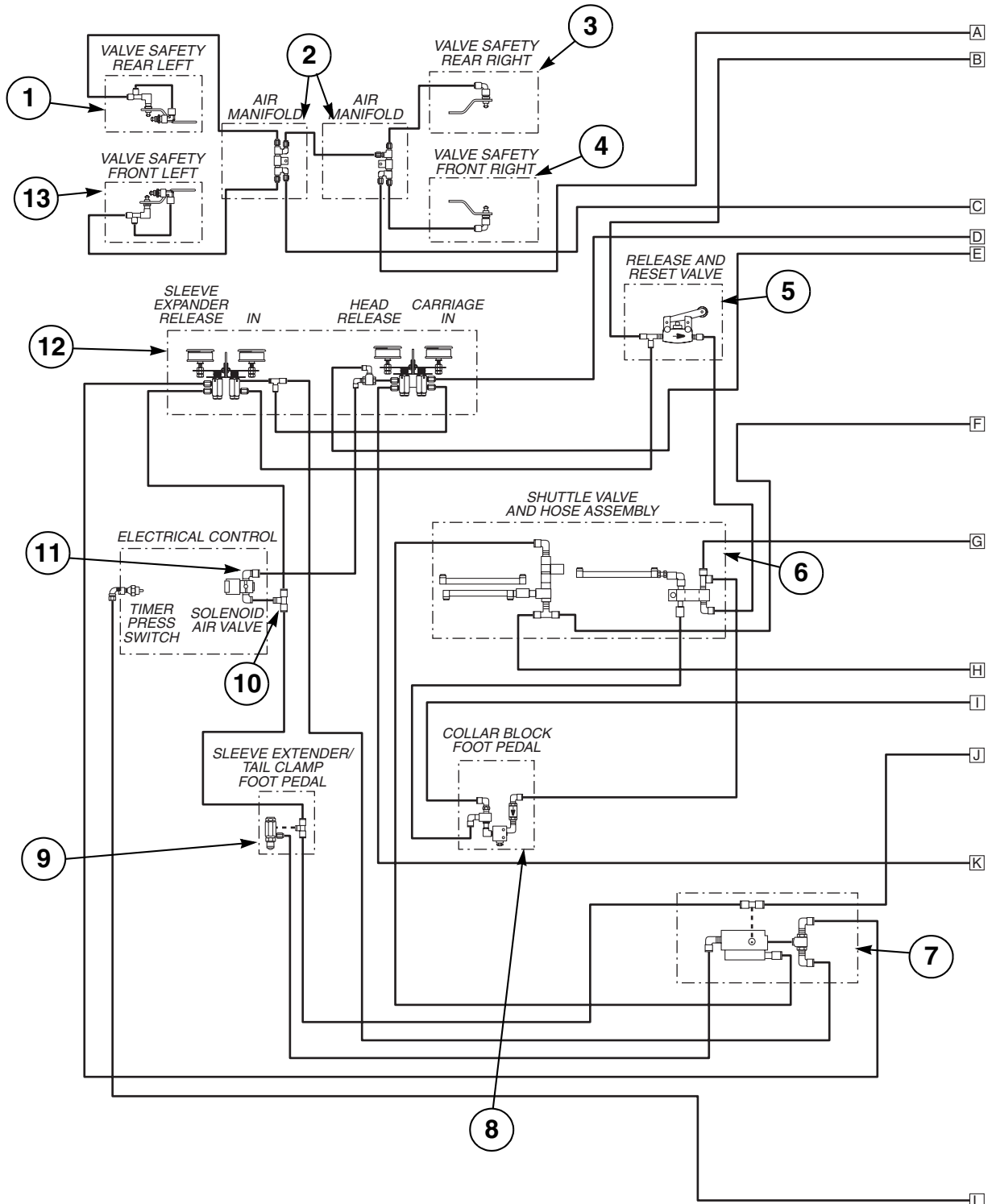


CAB2218P

Air System – ACBBYC Models Starting 1992 Through 1995 (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
11	JA-09569	Reset and Loader Valve	Refer to <i>Reset Valve Assembly</i> section for parts breakdown
12	JA-80301	Valve Assembly	Refer to <i>Safety Valve Assemblies</i> section for parts breakdown
13	J1151646	Male Compression Connector	
14	J1484245	External Air Inlet Assembly	Refer to <i>External Air Inlet Assembly</i> section for parts breakdown
15	JA-80184	Carriage Interlock	
16	J1457290P	Air Cylinder Kit	Refer to <i>Indexing Cylinder Assembly</i> section for parts breakdown
17	JA-09383	Head Control Valve	Refer to <i>Head Control Valve</i> section for parts breakdown
18	JA-80293	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
19	JA-50770	Male Compression Elbow	2 required
20	J1444157	Main Air Cylinder Assembly	Refer to <i>Main Air Cylinder Assembly</i> section for parts breakdown
21	JA-50765	Male Compression Connector	
22	J1370667	Low Pressure Valve Assembly	Refer to <i>Low Pressure Valve Assembly</i> section for parts breakdown
23	JA-50789	Compression Connector	
24	JA-08869	Butterfly Valve Assembly	Refer to <i>Butterfly Valve Assembly</i> section for parts breakdown
25	J1492529	Slide Valve Assembly	Refer to <i>Slide Valve Assembly for ACBBY Models Only</i> section for parts breakdown

Air System – ACBBYC Models Starting March 1995 (Drawing 1 of 2)

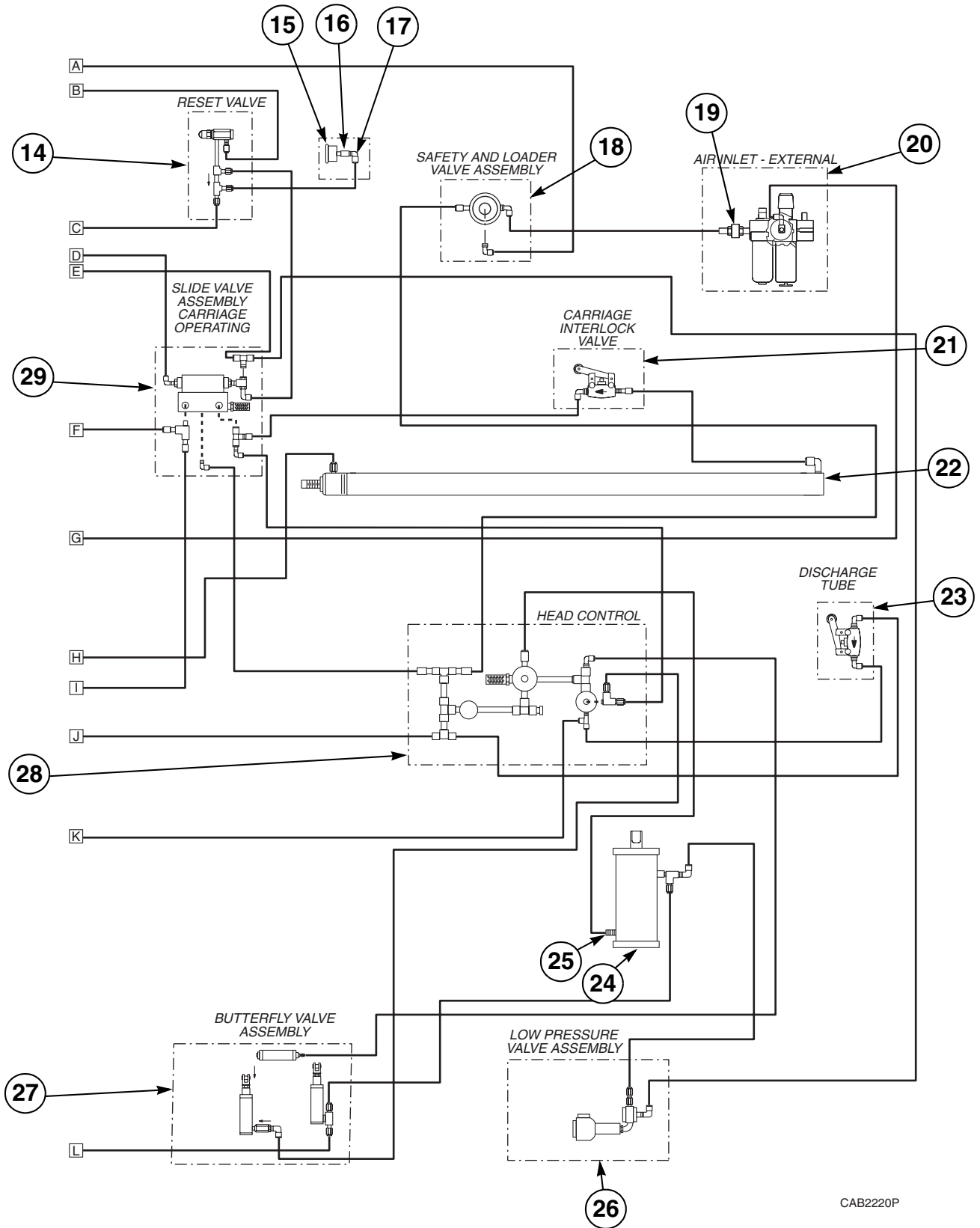


CAB2219P

Air System – ACBBYC Models Starting March 1995 (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1571058	Rear Left Safety Bar Bracket Assembly	Refer to <i>Rear Left Safety Bar Bracket Assembly</i> section for parts breakdown
2	J1523844	Bracket and Fittings Assembly	2 required; Refer to <i>Bracket and Fittings Assembly</i> section for parts breakdown
3	J1521947	Left Safety Valve Assembly	Refer to <i>Left Safety Valve Assembly</i> section for parts breakdown
4	J1521954	Front Safety Valve Assembly	Refer to <i>Front Safety Valve Assembly</i> section for parts breakdown
5	JA-09407	Tail Clamp Release	Refer to <i>Tail Clamp Release</i> section for parts breakdown
6	J1492206	Shuttle Valve and Hose Assembly	Refer to <i>Shuttle Valve and Hose Assembly</i> section for parts breakdown
7	JA-09405	Slide Valve Assembly	Refer to <i>Slide Valve Assemblies</i> section for parts breakdown
8	J1484658	Valve Assembly	Refer to <i>Foot Pedal Valve Assembly</i> section for parts breakdown
9	J1387836	Pedal Base Assembly	Refer to <i>Pedal Base Assembly</i> section for parts breakdown
10	JC-30734	Male Compression Tee	
11	JA-50642	Pipe Elbow	
12	JA-09565	Pushbutton Console	Refer to <i>Pushbutton Console</i> section for parts breakdown
13	J1571041	Front Left Safety Bar Bracket Assembly	Refer to <i>Front Left Safety Bar Bracket Assembly</i> section for parts breakdown

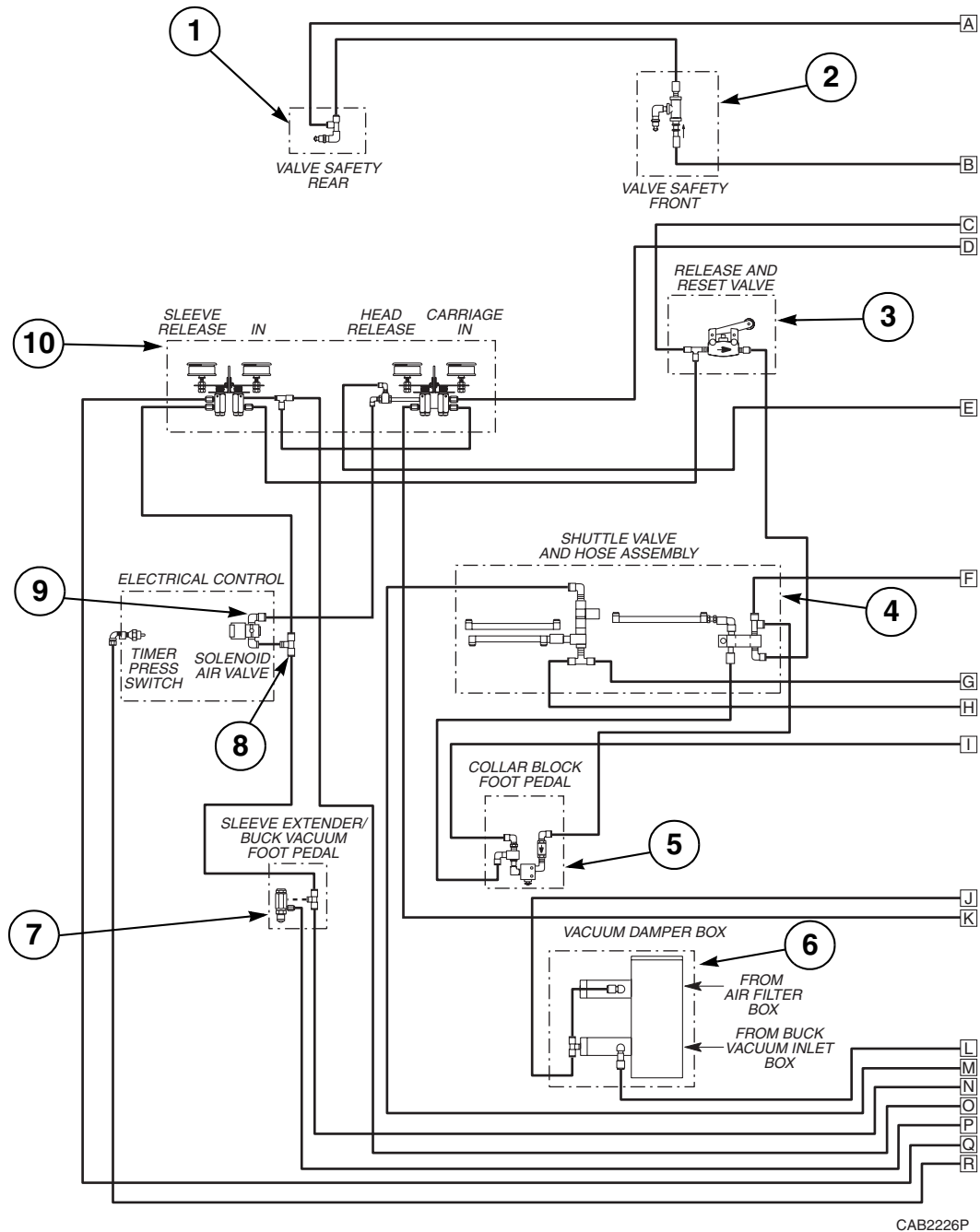
Air System – ACBBYC Models Starting March 1995 (Drawing 2 of 2)



Air System – ACBBYC Models Starting March 1995 (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
14	J1573005	Reset Valve Assembly	Refer to <i>Reset Valve Assembly</i> section for parts breakdown
15	J200128200	Pressure Gauge	0-100 psi
16	J1018571	Pipe Coupling	
17	JA-50770	Male Compression Elbow	2 required
18	JA-80301	Valve Assembly	Refer to <i>Safety Valve Assemblies</i> section for parts breakdown
19	J1151646	Male Compression Connector	
20	J1484245	External Air Inlet Assembly	Refer to <i>External Air Inlet Assembly</i> section for parts breakdown
21	JA-80184	Carriage Interlock	
22	J1457290P	Air Cylinder Kit	2 required; Refer to <i>Indexing Cylinder Assembly</i> section for parts breakdown
23	JA-80293	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
24	J1444157	Main Air Cylinder Assembly	Refer to <i>Main Air Cylinder Assembly</i> section for parts breakdown
25	JA-50765	Male Compression Connector	
26	J1515709	Low Pressure Valve Assembly	Refer to <i>Low Pressure Valve Assembly</i> section for parts breakdown
27	JA-08869	Butterfly Valve Assembly	Refer to <i>Butterfly Valve Assembly</i> section for parts breakdown
28	JA-09383	Head Control Valve	Refer to <i>Head Control Valve</i> section for parts breakdown
29	J1492529	Slide Valve Assembly	Refer to <i>Slide Valve Assembly for ACBBY Models Only</i> section for parts breakdown

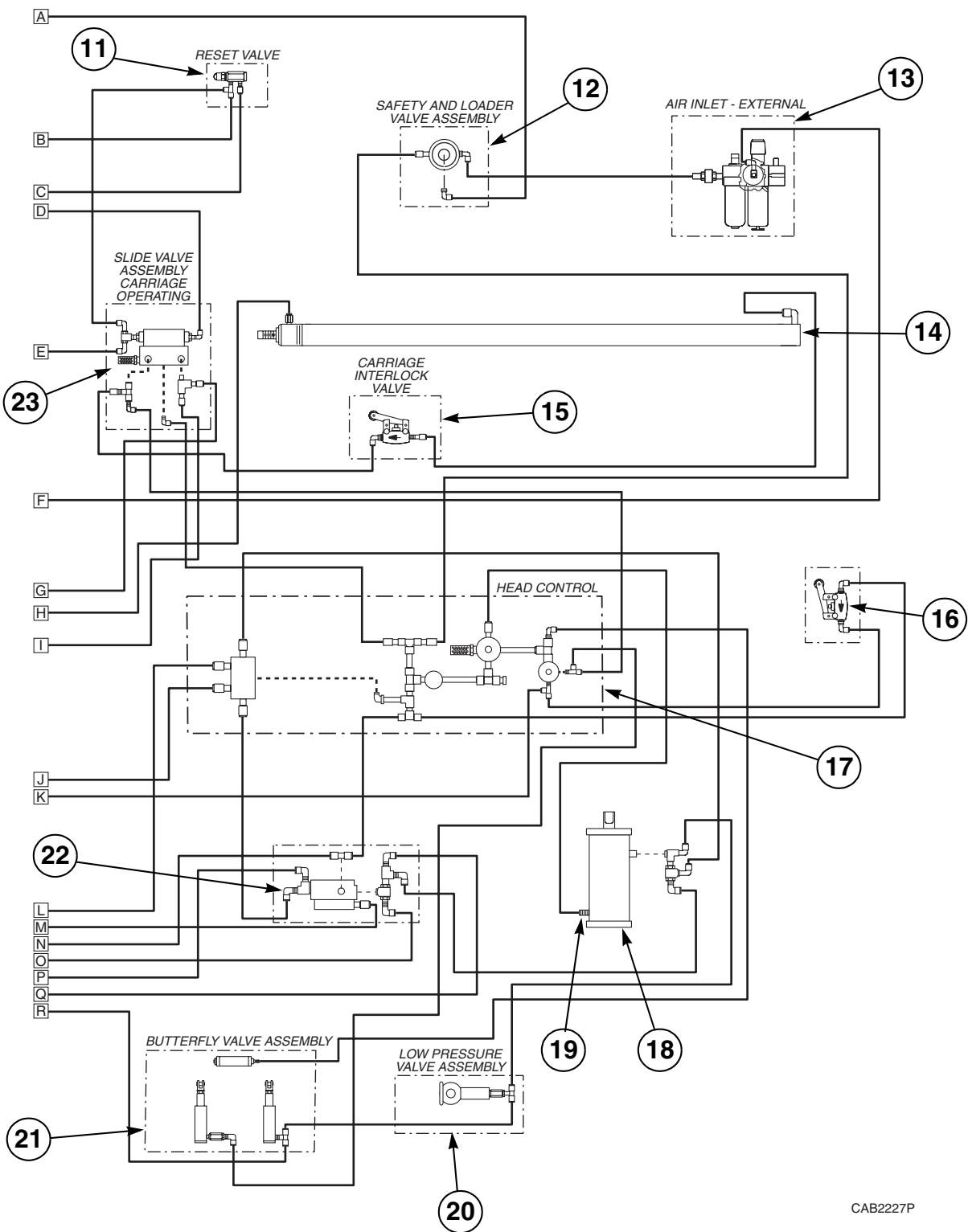
Air System – ACBBYCV Models Starting 1992 Through March 1995 (Drawing 1 of 2)



Air System – ACBBYCV Models Starting 1992 Through March 1995 (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	JA-09449	Rear Safety Valve	Refer to <i>Safety Valve Assemblies</i> section for parts breakdown
2	JA-09380	Safety Valve Assembly	Refer to <i>Safety Valve Assemblies</i> section for parts breakdown
3	JA-09564	Release and Reset Valve	
4	J1492206	Shuttle Valve and Hose Assembly	Refer to <i>Shuttle Valve and Hose Assembly</i> section for parts breakdown
5	J1484658	Valve Assembly	Refer to <i>Foot Pedal Valve Assembly</i> section for parts breakdown
6	J148176101	Damper Assembly	Refer to <i>Damper Assembly</i> section for parts breakdown
7	J1387836	Pedal Base Assembly	Refer to <i>Pedal Base Assembly</i> section for parts breakdown
8	JC-30734	Male Compression Tee	
9	JA-50642	Pipe Elbow	
10	JA-09565	Pushbutton Console	Refer to <i>Pushbutton Console</i> section for parts breakdown

Air System – ACBBYCV Models Starting 1992 Through March 1995 (Drawing 2 of 2)

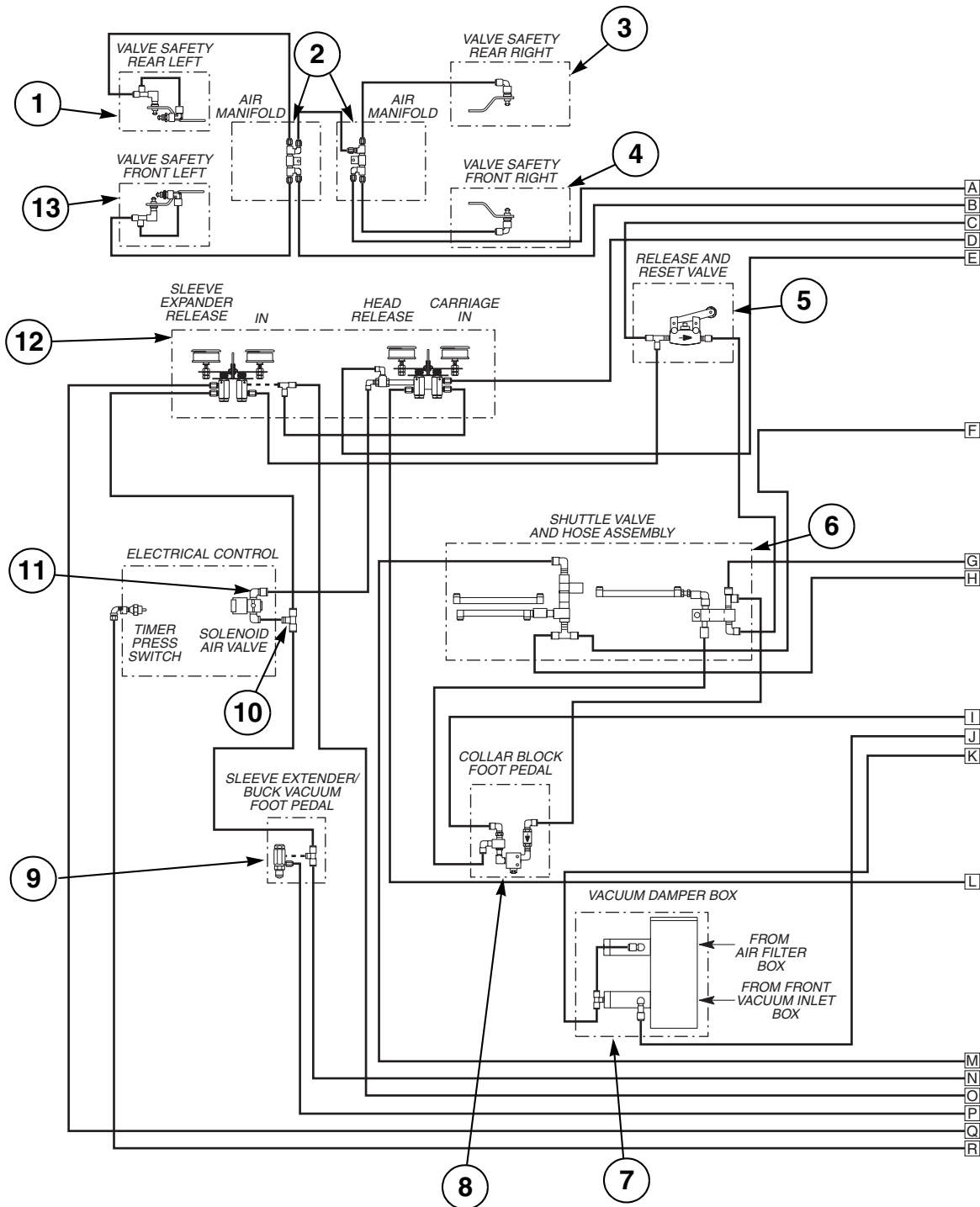


CAB2227P

Air System – ACBBYCV Models Starting 1992 Through March 1995 (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
11	JA-09569	Reset and Loader Valve	Refer to <i>Reset Valve Assembly</i> section for parts breakdown
12	JA-80301	Valve Assembly	Refer to <i>Safety Valve Assemblies</i> section for parts breakdown
13	J1484245	External Air Inlet Assembly	Refer to <i>External Air Inlet Assembly</i> section for parts breakdown
14	J1457290P	Air Cylinder Kit	Refer to <i>Indexing Cylinder Assembly</i> section for parts breakdown
15	JA-80184	Carriage Interlock	
16	JA-80293	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
17	J1481795	Head Control Valve Group Assembly	Refer to <i>Head Control Valve Group Assembly</i> section for parts breakdown
18	J1444157	Main Air Cylinder Assembly	Refer to <i>Main Air Cylinder Assembly</i> section for parts breakdown
19	JA-50765	Male Compression Connector	
20	J1370667	Low Pressure Valve Assembly	Refer to <i>Low Pressure Valve Assembly</i> section for parts breakdown
21	JA-08869	Butterfly Valve Assembly	Refer to <i>Butterfly Valve Assembly</i> section for parts breakdown
22	J1479641	4-Way Slide Valve Assembly	Refer to <i>Slide Valve Assemblies</i> section for parts breakdown
23	J1492529	Slide Valve Assembly	Refer to <i>Slide Valve Assembly for ACBBY Models Only</i> section for parts breakdown

Air System – ACBBYCV Models Starting March 1995 (Drawing 1 of 2)



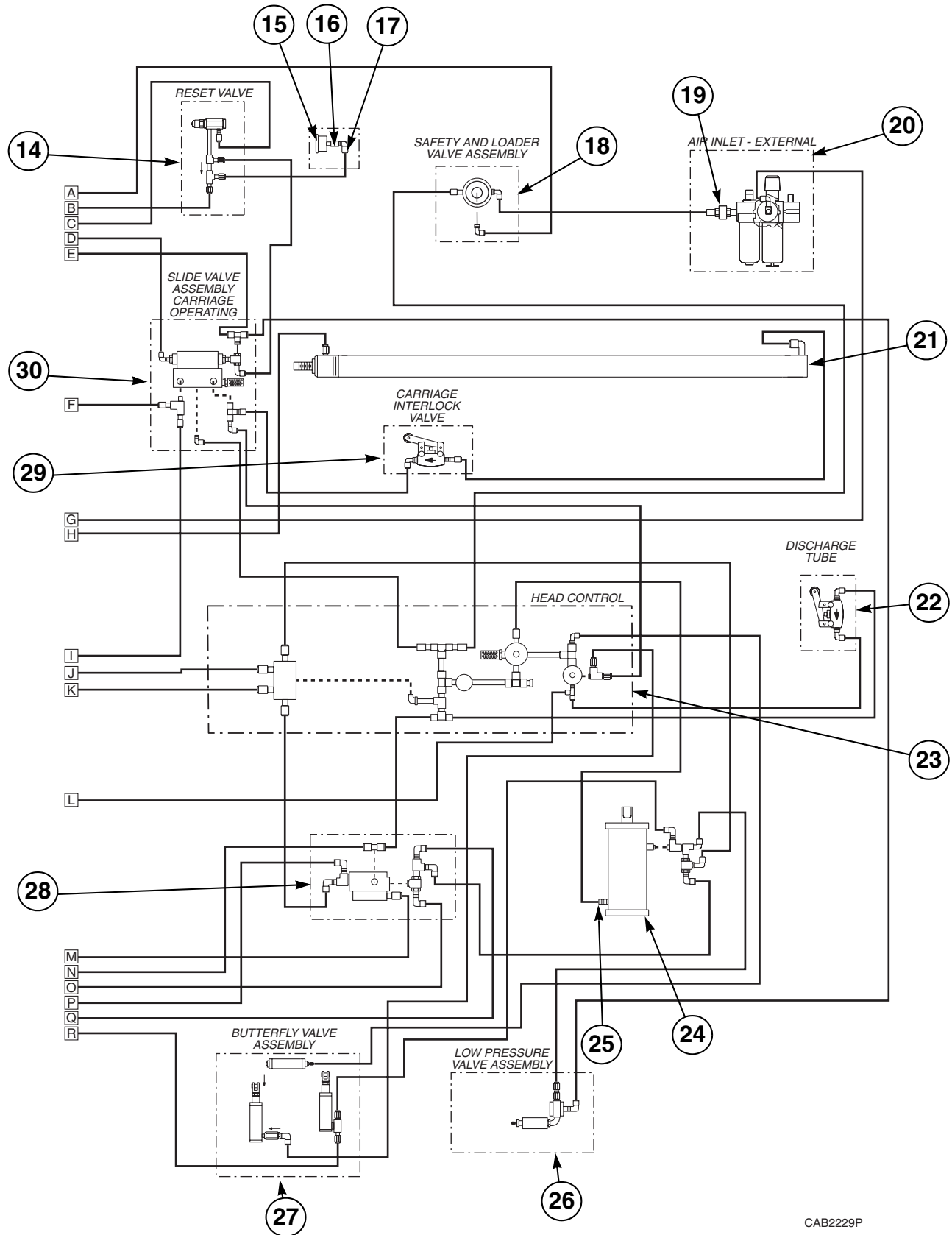
CAB2228P

Air System – ACBBYCV Models Starting March 1995 (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1571058	Rear Left Safety Bar Bracket Assembly	Refer to <i>Rear Left Safety Bar Bracket Assembly</i> section for parts breakdown
2	J1523844	Bracket and Fittings Assembly	2 required; Refer to <i>Bracket and Fittings Assembly</i> section for parts breakdown
3	J1521947	Left Safety Valve Assembly	Refer to <i>Left Safety Valve Assembly</i> section for parts breakdown
4	J1521954	Front Safety Valve Assembly	Refer to <i>Front Safety Valve Assembly</i> section for parts breakdown
5	JA-09407	Tail Clamp Release	Refer to <i>Tail Clamp Release</i> section for parts breakdown
6	J1492206	Shuttle Valve and Hose Assembly	Refer to <i>Shuttle Valve and Hose Assembly</i> section for parts breakdown
7	N/A	Vacuum Damper Assembly	Refer to <i>Vacuum Damper Assembly</i> section for parts breakdown
8	J1484658	Valve Assembly	Refer to <i>Foot Pedal Valve Assembly</i> section for parts breakdown
9	J1387836	Pedal Base Assembly	Refer to <i>Pedal Base Assembly</i> section for parts breakdown
10	JC-30734	Male Compression Tee	
11	JA-50642	Pipe Elbow	
12	JA-09565	Pushbutton Console	Refer to <i>Pushbutton Console</i> section for parts breakdown
13	J1571041	Front Left Safety Bar Bracket Assembly	Refer to <i>Front Left Safety Bar Bracket Assembly</i> section for parts breakdown

N/A = Part no longer available

Air System – ACBBYCV Models Starting March 1995 (Drawing 2 of 2)

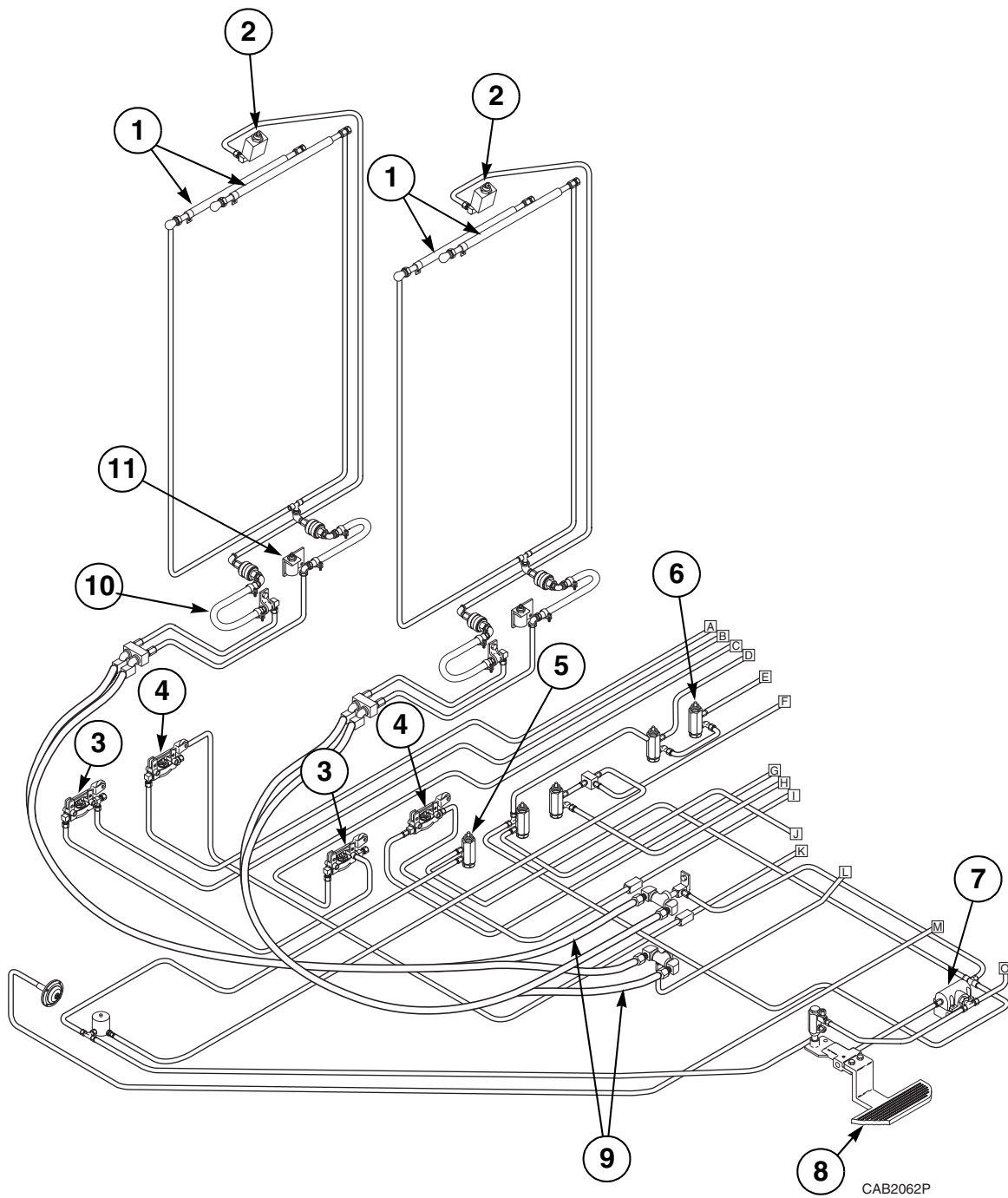


CAB2229P

Air System – ACBBYCV Models Starting March 1995 (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
14	J1573005	Reset Valve Assembly	Refer to <i>Reset Valve Assembly</i> section for parts breakdown
15	J200128200	Pressure Gauge	0-100 psi
16	J1018571	Pipe Coupling	
17	JA-50770	Male Compression Elbow	2 required
18	JA-80301	Valve Assembly	Refer to <i>Safety Valve Assemblies</i> section for parts breakdown
19	J1151646	Male Compression Connector	
20	J1484245	External Air Inlet Assembly	Refer to <i>External Air Inlet Assembly</i> section for parts breakdown
21	J1457290P	Air Cylinder Kit	2 required; Refer to <i>Indexing Cylinder Assembly</i> section for parts breakdown
22	JA-80293	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
23	J1481795	Head Control Valve Group Assembly	Refer to <i>Head Control Valve Group Assembly</i> section for parts breakdown
24	J1444157	Main Air Cylinder Assembly	Refer to <i>Main Air Cylinder Assembly</i> section for parts breakdown
25	JA-50765	Male Compression Connector	
26	J1515709	Low Pressure Valve Assembly	Refer to <i>Low Pressure Valve Assembly</i> section for parts breakdown
27	JA-08869	Butterfly Valve Assembly	Refer to <i>Butterfly Valve Assembly</i> section for parts breakdown
28	J1479641	4-Way Slide Valve Assembly	Refer to <i>Slide Valve Assemblies</i> section for parts breakdown
29	JA-80184	Carriage Interlock	
30	J1492529	Slide Valve Assembly	Refer to <i>Slide Valve Assembly for ACBBY Models Only</i> section for parts breakdown

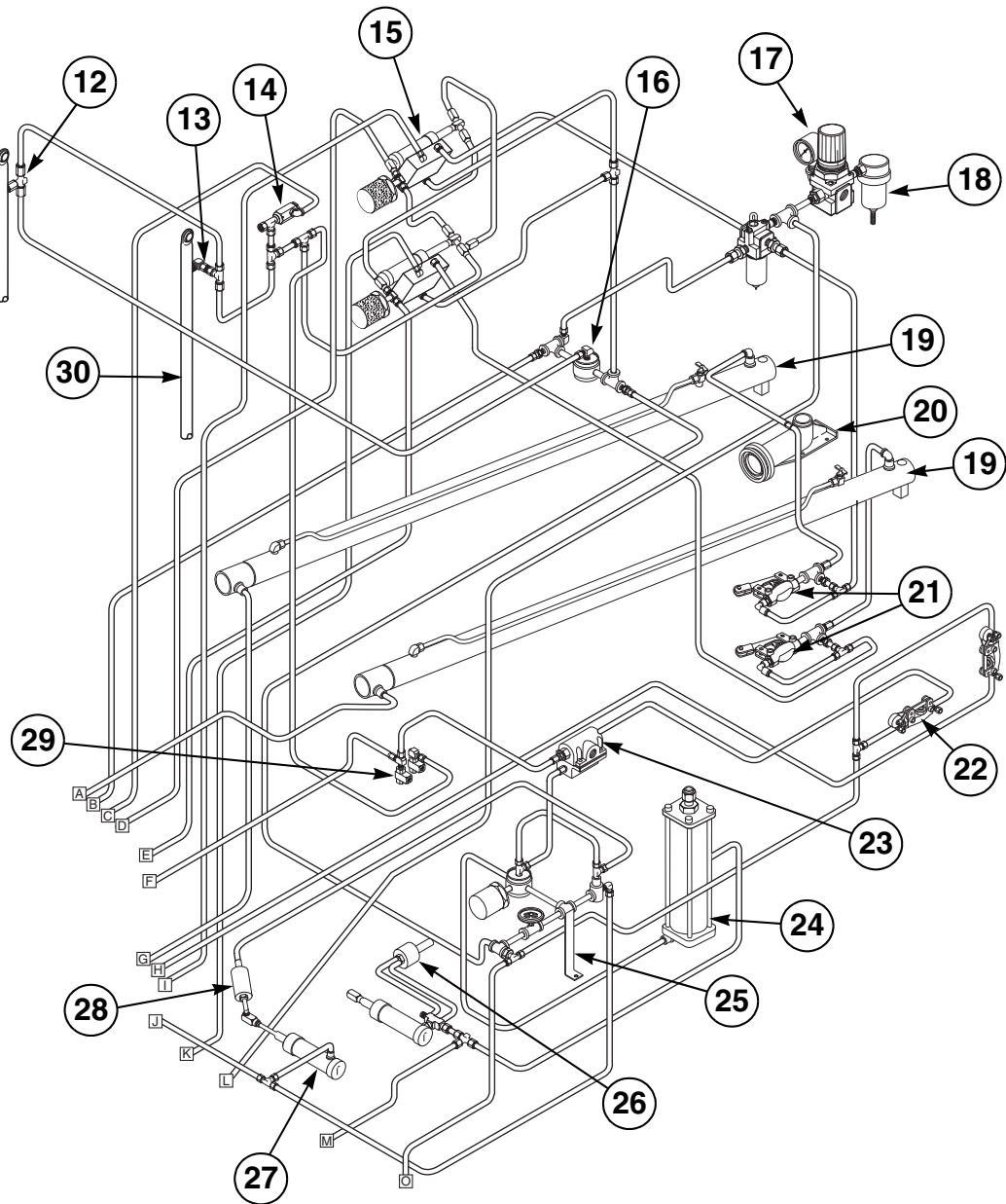
Air System – ADFB Models Starting 1980 Through 1992 (Drawing 1 of 2)



Air System – ADFB Models Starting 1980 Through 1992 (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	JKIT-00220	Sleeve Expander Kit	Refer to <i>Sleeve Expander – Old Style</i> section for parts breakdown
	J1492867P	Sleeve Expander Kit	Refer to <i>Sleeve Expander – Old Style</i> section for parts breakdown
2	JA-08877	Collar Block Assembly	2 required; Refer to <i>Collar Block Assembly</i> section for parts breakdown
3	JA-09397	2-Way Roller	2 required; Refer to <i>Roller Valve</i> section for parts breakdown
4	JA-08995	1-Way Roller Valve	2 required; Refer to <i>Valve Assemblies</i> section for parts breakdown
5	JA-09407	Tail Clamp Release	Refer to <i>Tail Clamp Release</i> section for parts breakdown
6	JA-09374	Pushbutton Console	Refer to <i>Pushbutton Console</i> section for parts breakdown
7	JA-09405	Slide Valve Assembly	Refer to <i>Slide Valve Assemblies</i> section for parts breakdown
8	JA-81151	Pedal Base Assembly	Refer to <i>Pedal Base Assembly</i> section for parts breakdown
9	JA-80290	Shuttle Valve and Hose	Refer to <i>Shuttle Valve and Hose</i> section for parts breakdown
10	JA-09071	Carriage Hose Assembly	2 required; Refer to <i>Carriage Hose Assemblies</i> section for parts breakdown
11	J1381615	Tail Clamp Cylinder and Carriage Hose Assembly	2 required; Refer to <i>Carriage Hose Assemblies</i> section for parts breakdown

Air System – ADFB Models Starting 1980 Through 1992 (Drawing 2 of 2)



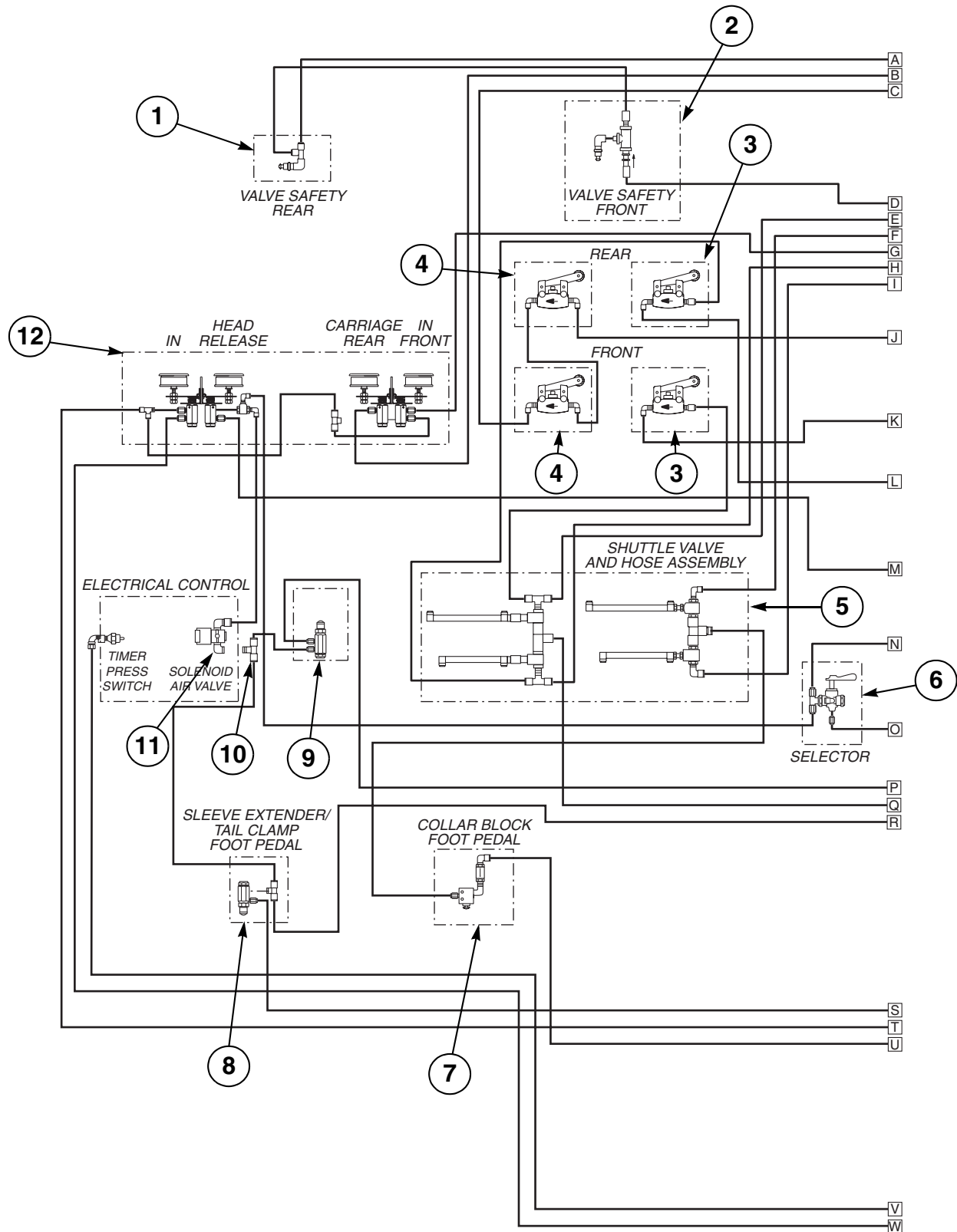
CAB2063P

Air System – ADFB Models Starting 1980 Through 1992 (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
12	JA-09449	Rear Safety Valve	Refer to <i>Safety Valve Assemblies</i> for parts breakdown
13	JA-09380	Safety Valve Assembly	Refer to <i>Safety Valve Assemblies</i> section for parts breakdown
14	JA-09392	Reset and Shuttle Valve	Refer to <i>Reset and Shuttle Valve Assembly</i> section for parts breakdown
15	JA-09375	Valve and Bracket Assembly	Refer to <i>Valve and Bracket Assembly</i> section for parts breakdown
16	JA-80291	Safety Valve Assembly	Refer to <i>Safety Valve Assemblies</i> section for parts breakdown
17	JA-80021	Regulator and Oiler Assembly	Refer to <i>Regulator and Oiler Assembly</i> section for parts breakdown
18	J1028851	Compact Air Filter	
19	J1457290P	Air Cylinder Kit	2 required; Refer to <i>Indexing Cylinder Assembly</i> section for parts breakdown
20	JA-80294	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
21	JA-80211	Roller and Check Valve Assembly	2 required; Refer to <i>Roller and Check Valve Assembly</i> section for parts breakdown
22	JA-09397	2-Way Roller	Refer to <i>Roller Valve</i> section for parts breakdown
23	JA-09404	Slide Valve Assembly	Refer to <i>Slide Valve Assemblies</i> section for parts breakdown
24	N/A	Main Air Cylinder Assembly	Refer to <i>Main Air Cylinder Assembly</i> section for parts breakdown
25	JA-09383	Head Control Valve	Refer to <i>Head Control Valve</i> section for parts breakdown
26	J1370667	Low Pressure Valve Assembly	Refer to <i>Low Pressure Valve Assembly</i> section for parts breakdown
27	JA-00025	Actuating Cylinder Assembly	2 required; Refer to <i>Actuating Cylinder Assembly</i> section for parts breakdown
28	JA-09329	Butterfly Cylinder Valve	Refer to <i>Butterfly Cylinder Valve</i> section for parts breakdown
29	JA-09393	Selector Valve Assembly	Refer to <i>Selector Valve Assembly</i> section for parts breakdown
30	JA-09931	Safety Bar Assembly	2 required; Refer to <i>Safety Bar Assembly - Old Style</i> section for parts breakdown

N/A = Part no longer available

Air System – ADFBC Models Starting 1992 Through March 1995 (Drawing 1 of 2)



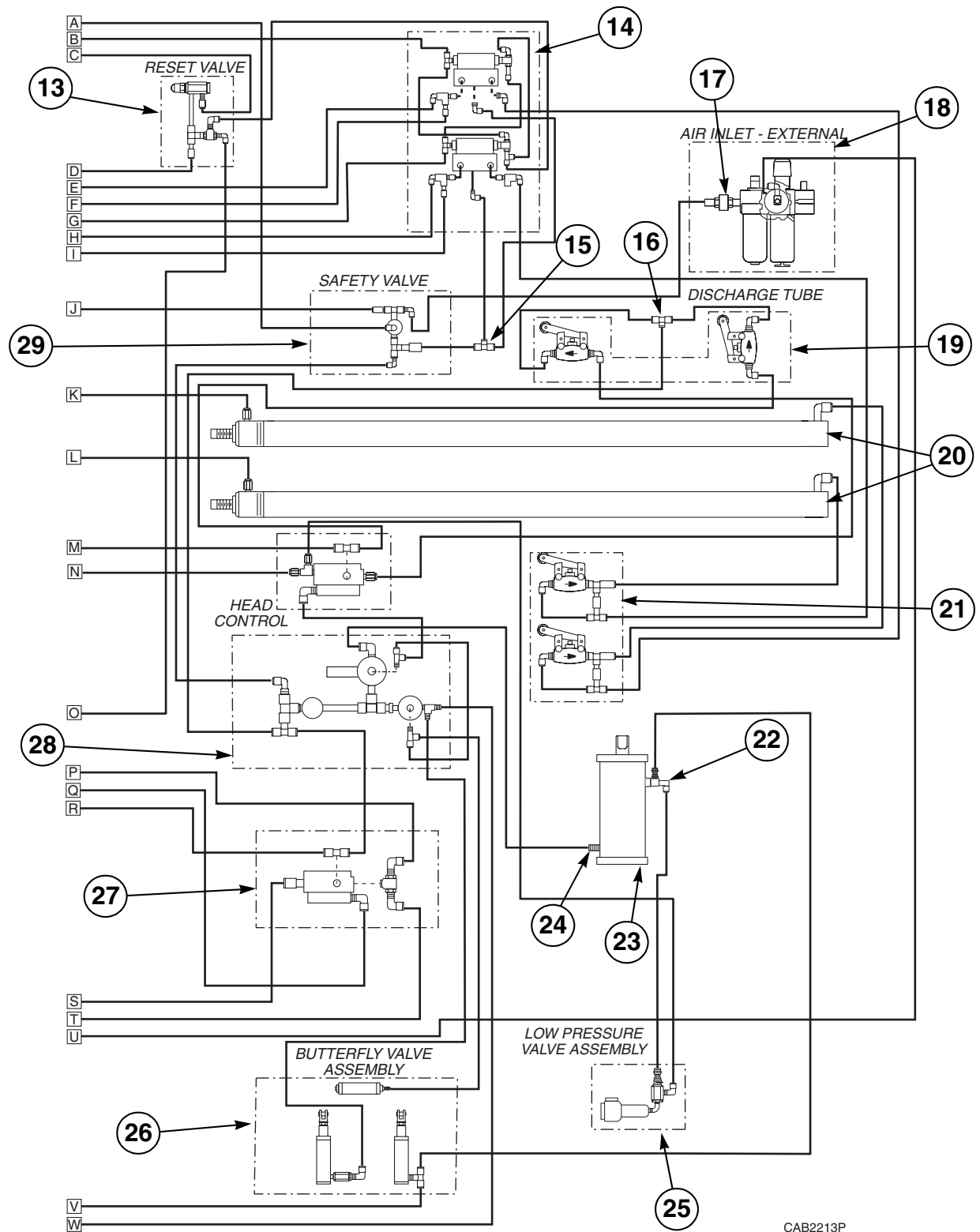
CAB2212P

Air System – ADFBC Models Starting 1992 Through March 1995 (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	N/A	Rear Safety Valve	Refer to <i>Safety Valve Assemblies</i> section for parts breakdown
2	JA-09380	Safety Valve Assembly	Refer to <i>Safety Valve Assemblies</i> section for parts breakdown
3	JA-08995	1-Way Roller Valve	2 required; Refer to <i>Valve Assemblies</i> section for parts breakdown
4	JA-09397	2-Way Roller	2 required; Refer to <i>Roller Valve</i> section for parts breakdown
5	J1492479	Shuttle Valve and Hose Assembly	Refer to <i>Shuttle Valve and Hose Assembly</i> section for parts breakdown
6	JA-09393	Selector Valve Assembly	Refer to <i>Selector Valve Assembly</i> section for parts breakdown
7	J1485010	Valve Assembly	Refer to <i>Collar Block Foot Pedal Valve Assembly</i> section for parts breakdown
8	J1387836	Pedal Base Assembly	Refer to <i>Pedal Base Assembly</i> section for parts breakdown
9	JA-09407	Tail Clamp Release	Refer to <i>Tail Clamp Release</i> section for parts breakdown
10	JC-30734	Male Compression Tee	
11	JA-50642	Pipe Elbow	
12	JA-09374	Pushbutton Console	Refer to <i>Pushbutton Console</i> section for parts breakdown

N/A = Part no longer available

Air System – ADFBC Models Starting 1992 Through March 1995 (Drawing 2 of 2)



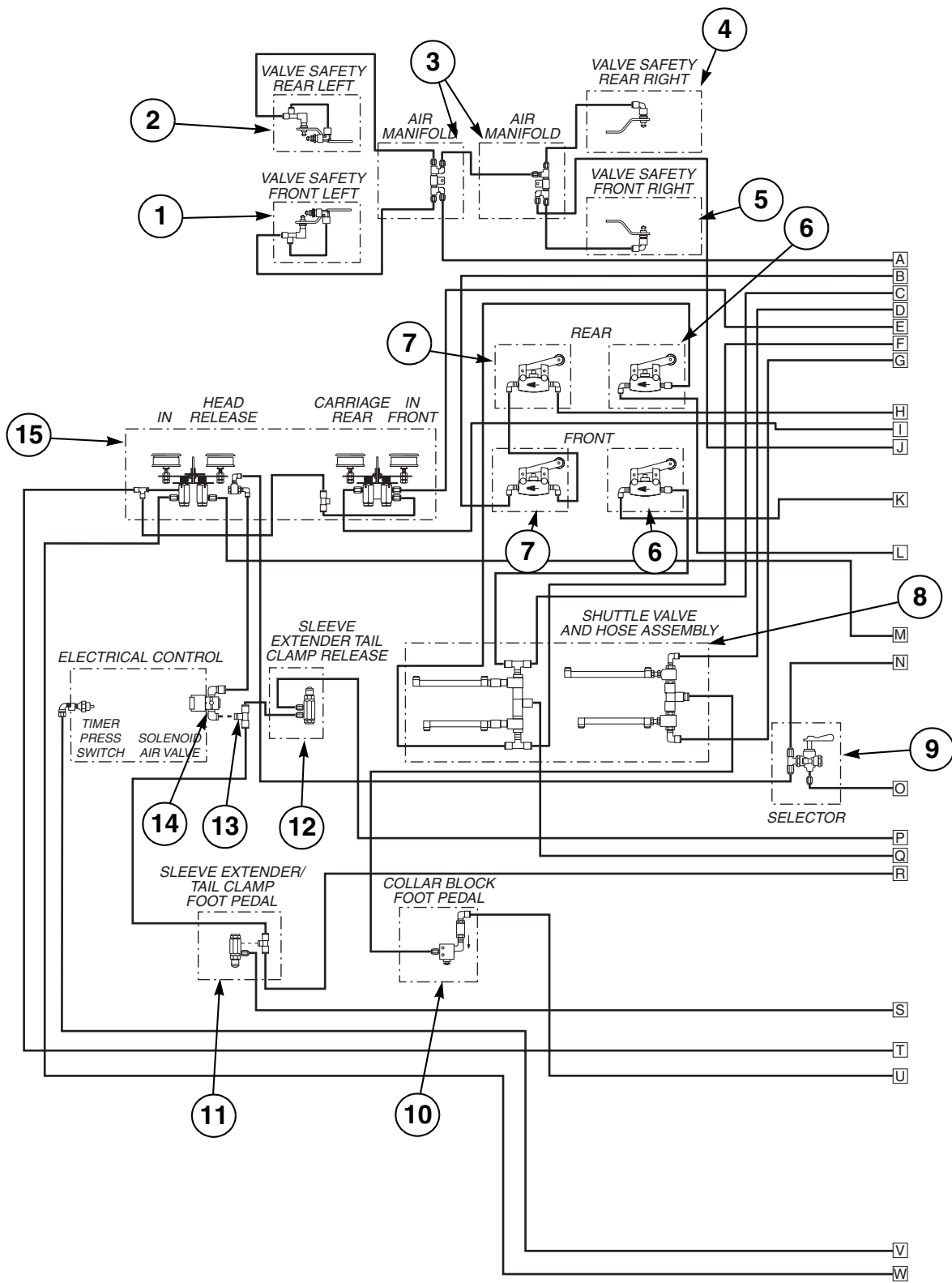
CAB2213P

Air System – ADFBC Models Starting 1992 Through March 1995 (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
13	JA-09392	Reset and Shuttle Valve	Refer to <i>Reset and Shuttle Valve Assembly</i> section for parts breakdown
14	J1492495	Valve Assembly	Refer to <i>Valve Assembly</i> section for parts breakdown
15	N/A	Tee	
16	J1130780	Union Compression Tee	
17	J1151646	Male Compression Connector	
18	J1484245	External Air Inlet Assembly	Refer to <i>External Air Inlet Assembly</i> section for parts breakdown
19	JA-80294	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
20	J1457290P	Air Cylinder Kit	2 required; Refer to <i>Indexing Cylinder Assembly</i> section for parts breakdown
21	JA-80211	Roller and Check Valve Assembly	2 required; Refer to <i>Roller and Check Valve Assembly</i> section for parts breakdown
22	JA-50770	Male Compression Elbow	
23	J1444157	Main Air Cylinder Assembly	Refer to <i>Main Air Cylinder Assembly</i> section for parts breakdown
24	JA-50765	Male Compression Connector	
25	J1370667	Low Pressure Valve Assembly	Refer to <i>Low Pressure Valve Assembly</i> section for parts breakdown
26	JA-08869	Butterfly Valve Assembly	Refer to <i>Butterfly Valve Assembly</i> section for parts breakdown
27	JA-09405	Slide Valve Assembly	Refer to <i>Slide Valve Assemblies</i> section for parts breakdown
28	JA-09383	Head Control Valve	Refer to <i>Head Control Valve</i> section for parts breakdown
29	JA-80291	Safety Valve Assembly	Refer to <i>Safety Valve Assemblies</i> section for parts breakdown

N/A = Part no longer available

Air System – ADFBC Models Starting March 1995 (Drawing 1 of 2)

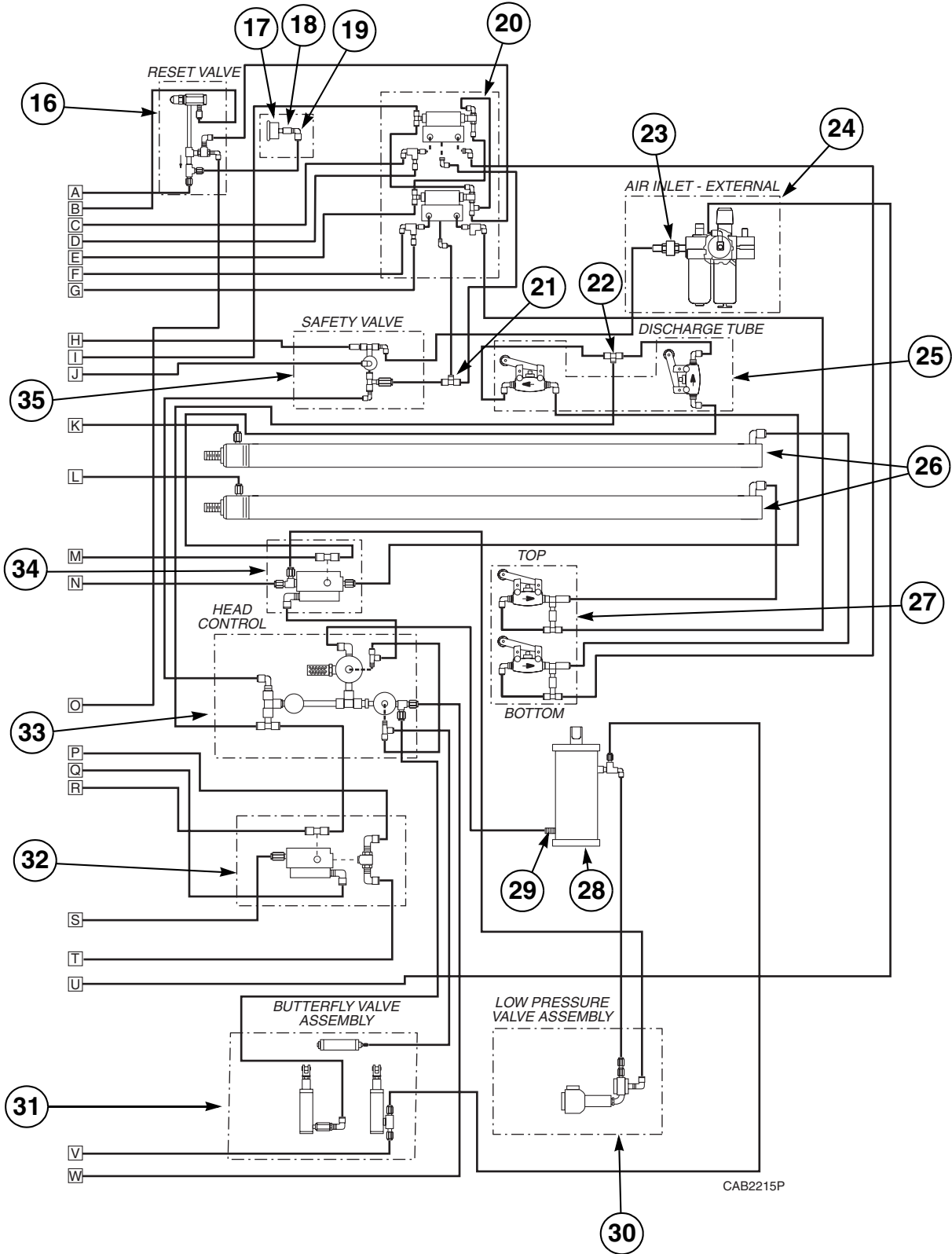


CAB2214P

Air System – ADFBC Models Starting March 1995 (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1571041	Front Left Safety Bar Bracket Assembly	Refer to <i>Front Left Safety Bar Bracket 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	J1523844	Bracket and Fittings Assembly	2 required; Refer to <i>Bracket and Fittings Assembly</i> section for parts breakdown
4	J1521947	Left Safety Valve Assembly	Refer to <i>Left Safety Valve Assembly</i> section for parts breakdown
5	J1521954	Front Safety Valve Assembly	Refer to <i>Front Safety Valve Assembly</i> section for parts breakdown
6	JA-08995	1-Way Roller Valve	2 required; Refer to <i>Valve Assemblies</i> section for parts breakdown
7	JA-09397	2-Way Roller	2 required; Refer to <i>Roller Valve</i> section for parts breakdown
8	J1492479	Shuttle Valve and Hose Assembly	Refer to <i>Shuttle Valve and Hose Assembly</i> section for parts breakdown
9	JA-09393	Selector Valve Assembly	Refer to <i>Selector Valve Assembly</i> section for parts breakdown
10	J1485010	Valve Assembly	Refer to <i>Collar Block Foot Pedal Valve Assembly</i> section for parts breakdown
11	J1387836	Pedal Base Assembly	Refer to <i>Pedal Base Assembly</i> section for parts breakdown
12	JA-09407	Tail Clamp Release	Refer to <i>Tail Clamp Release</i> section for parts breakdown
13	JC-30734	Male Compression Tee	
14	JA-50642	Pipe Elbow	
15	JA-09374	Pushbutton Console	Refer to <i>Pushbutton Console</i> section for parts breakdown

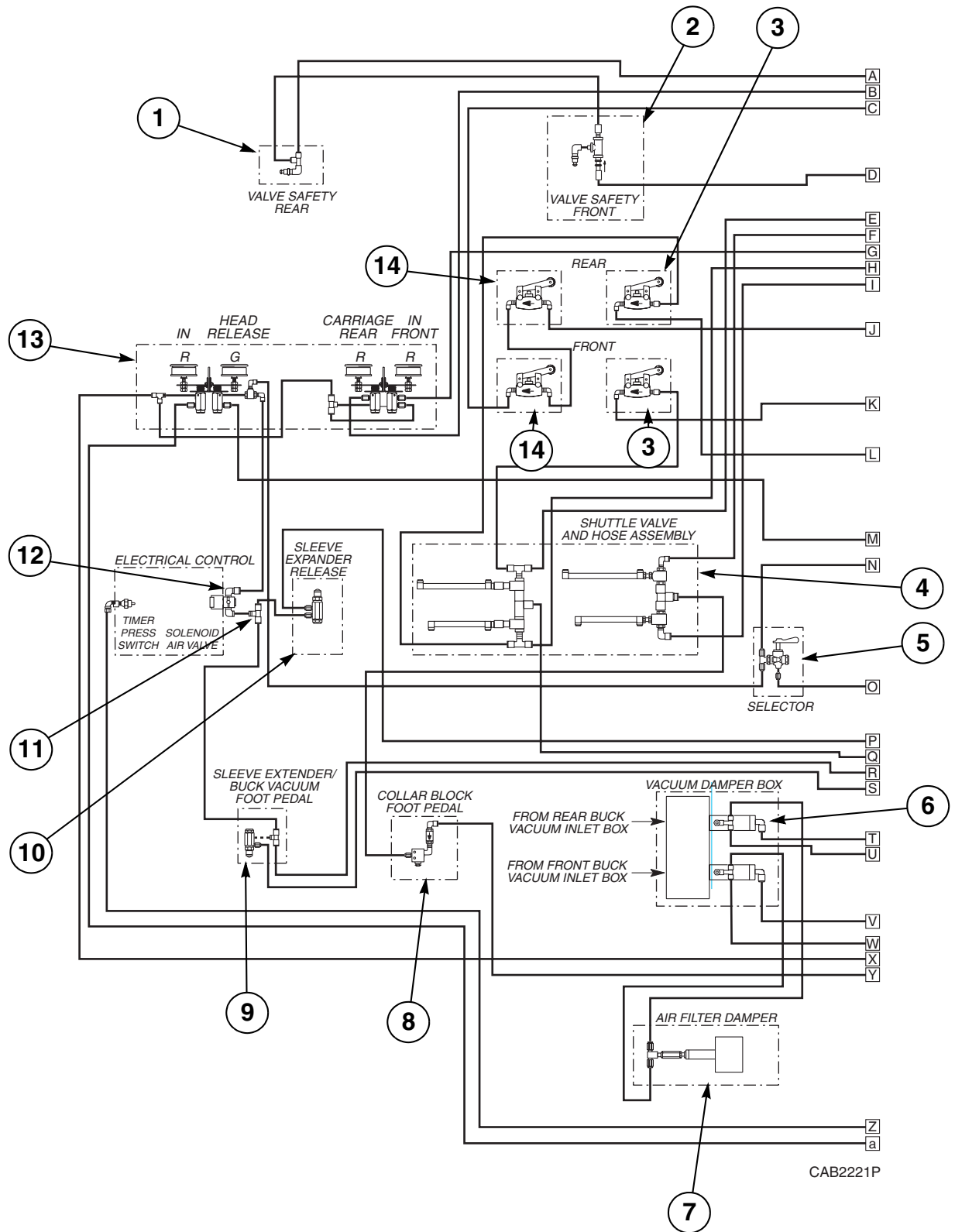
Air System – ADFBC Models Starting March 1995 (Drawing 2 of 2)



Air System – ADFBC Models Starting March 1995 (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
16	J1573005	Reset Valve Assembly	Refer to <i>Reset Valve Assembly</i> section for parts breakdown
17	J200128200	Pressure Gauge	0-100 psi
18	J1018571	Pipe Coupling	
19	JA-50770	Male Compression Elbow	2 required
20	J1492495	Valve Assembly	Refer to <i>Valve Assembly</i> section for parts breakdown
21	J1157544	Union Compression Tee	
22	J1130780	Union Compression Tee	
23	J1151646	Male Compression Connector	
24	J1484245	External Air Inlet Assembly	Refer to <i>External Air Inlet Assembly</i> section for parts breakdown
25	JA-80294	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
26	J1457290P	Air Cylinder Kit	2 required; Refer to <i>Indexing Cylinder Assembly</i> section for parts breakdown
27	JA-80211	Roller and Check Valve Assembly	2 required; Refer to <i>Roller and Check Valve Assembly</i> section for parts breakdown
28	J1444157	Main Air Cylinder Assembly	Refer to <i>Main Air Cylinder Assembly</i> section for parts breakdown
29	JA-50765	Male Compression Connector	
30	J1370667	Low Pressure Valve Assembly	Refer to <i>Low Pressure Valve Assembly</i> section for parts breakdown
31	JA-08869	Butterfly Valve Assembly	Refer to <i>Butterfly Valve Assembly</i> section for parts breakdown
32	JA-09405	Slide Valve Assembly	Refer to <i>Slide Valve Assemblies</i> section for parts breakdown
33	JA-09383	Head Control Valve	Refer to <i>Head Control Valve</i> section for parts breakdown
34	J1515691	4-Way Slide Valve Assembly	Refer to <i>Slide Valve Assemblies</i> section for parts breakdown
35	JA-80291	Safety Valve Assembly	Refer to <i>Safety Valve Assemblies</i> section for parts breakdown

Air System – ADFBCV Models Starting 1992 Through March 1995 (Drawing 1 of 2)

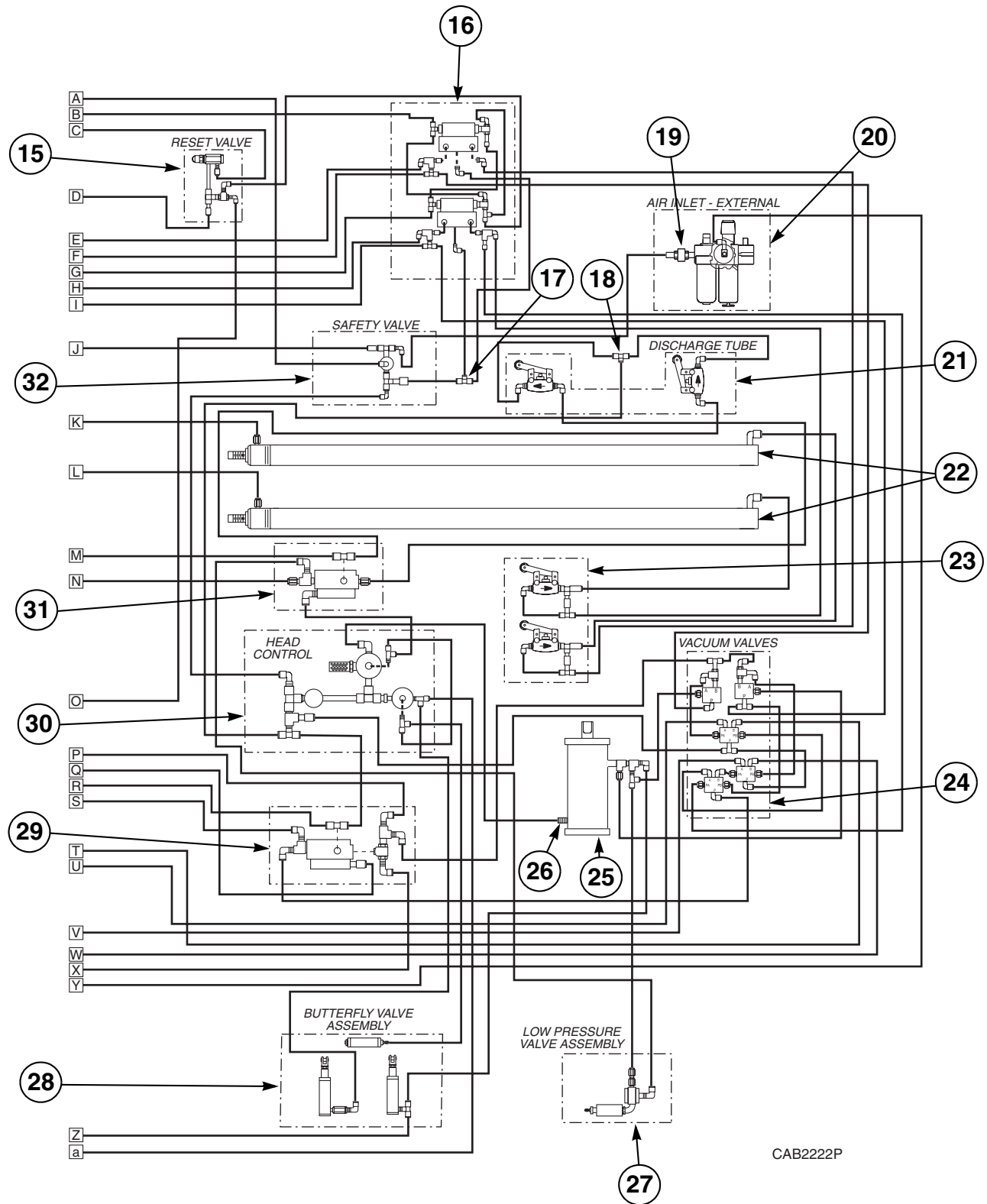


Air System – ADFBCV Models Starting 1992 Through March 1995 (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	N/A	Rear Safety Valve	Refer to <i>Safety Valve Assemblies</i> section for parts breakdown
2	JA-09380	Safety Valve Assembly	Refer to <i>Safety Valve Assemblies</i> section for parts breakdown
3	JA-08995	1-Way Roller Valve	2 required; Refer to <i>Valve Assemblies</i> section for parts breakdown
4	J1492479	Shuttle Valve and Hose Assembly	Refer to <i>Shuttle Valve and Hose Assembly</i> section for parts breakdown
5	JA-09393	Selector Valve Assembly	Refer to <i>Selector Valve Assembly</i> section for parts breakdown
6	J147924501	Damper Assembly	Refer to <i>Damper Assembly</i> section for parts breakdown
7	J1479484	Filter Box Damper Assembly	Refer to <i>Filter Box Damper Assembly</i> section for parts breakdown
8	J1485010	Valve Assembly	Refer to <i>Collar Block Foot Pedal Valve Assembly</i> section for parts breakdown
9	J1387836	Pedal Base Assembly	Refer to <i>Pedal Base Assembly</i> section for parts breakdown
10	JA-09407	Tail Clamp Release	Refer to <i>Tail Clamp Release</i> section for parts breakdown
11	JC-30734	Male Compression Tee	
12	JA-50642	Pipe Elbow	
13	JA-09374	Pushbutton Console	Refer to <i>Pushbutton Console</i> section for parts breakdown
14	JA-09397	2-Way Roller	2 required; Refer to <i>Roller Valve</i> section for parts breakdown

N/A = Part no longer available

Air System – ADFBCV Models Starting 1992 Through March 1995 (Drawing 2 of 2)



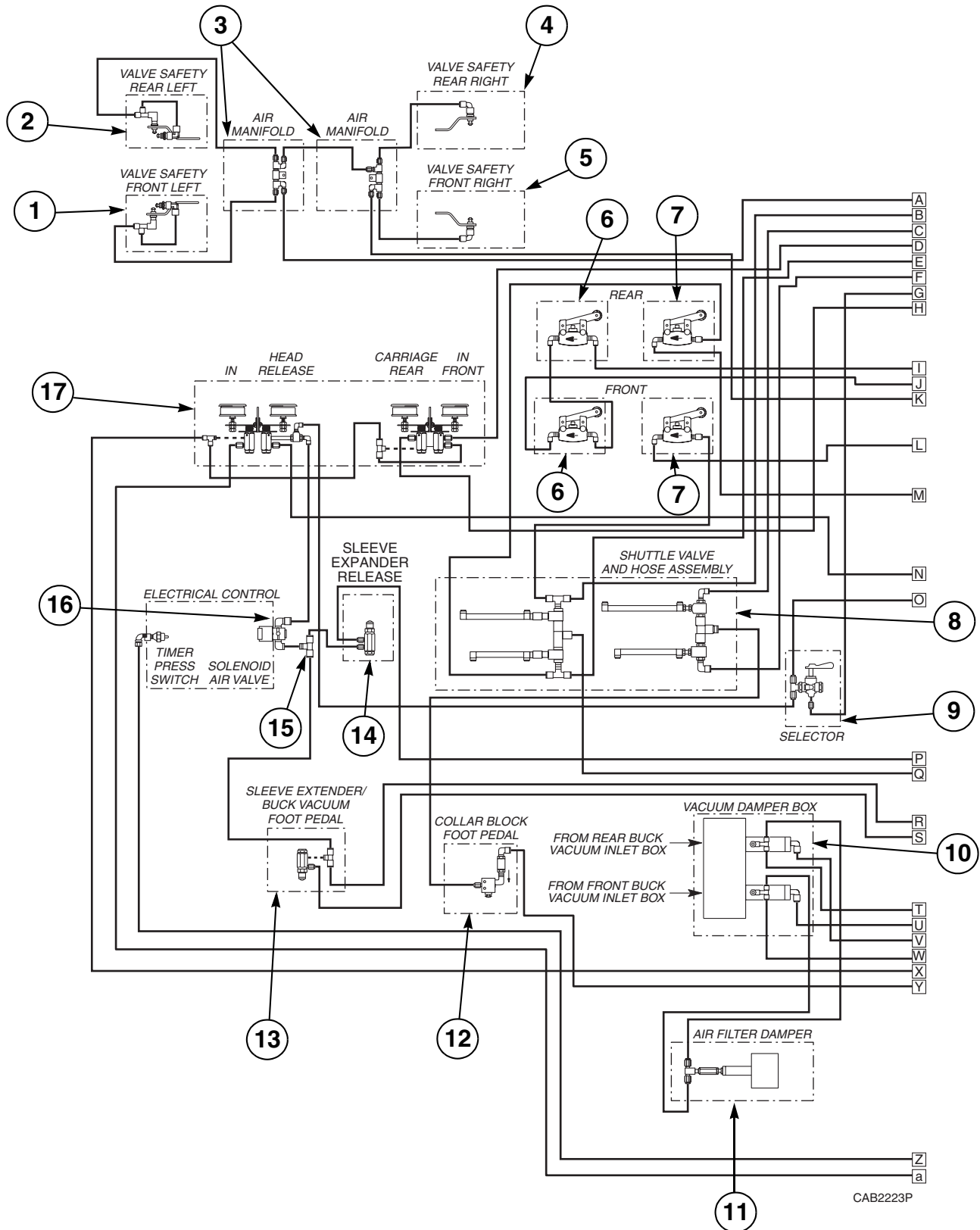
CAB2222P

Air System – ADFBCV Models Starting 1992 Through March 1995 (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
15	JA-09392	Reset and Shuttle Valve	Refer to <i>Reset and Shuttle Valve</i> section for parts breakdown
16	J1492495	Valve Assembly	Refer to <i>Valve Assembly</i> section for parts breakdown
17	N/A	Union Compression Tee	
18	J1130780	Union Compression Tee	
19	J1151646	Male Compression Connector	
20	J1484245	External Air Inlet Assembly	Refer to <i>External Air Inlet Assembly</i> section for parts breakdown
21	JA-80294	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
22	J1457290P	Air Cylinder Kit	2 required; Refer to <i>Indexing Cylinder Assembly</i> section for parts breakdown
23	JA-80211	Roller and Check Valve Assembly	2 required; Refer to <i>Roller and Check Valve Assembly</i> section for parts breakdown
24	J1531078P	Vacuum Air Valve Assembly	Refer to <i>Vacuum Air Valve Assembly for ADFBCV Models</i> section for parts breakdown
25	J1444157	Main Air Cylinder Assembly	Refer to <i>Main Air Cylinder Assembly</i> section for parts breakdown
26	JA-50765	Male Compression Connector	
27	J1515709	Low Pressure Valve Assembly	Refer to <i>Low Pressure Valve Assembly</i> section for parts breakdown
28	JA-08869	Butterfly Valve Assembly	Refer to <i>Butterfly Valve Assembly</i> section for parts breakdown
29	J1479641	4-Way Slide Valve Assembly	Refer to <i>Slide Valve Assemblies</i> section for parts breakdown
30	J1479633	Head Control Valve Group Assembly	Refer to <i>Head Control Valve Group Assembly</i> section for parts breakdown
31	J1515691	4-Way Slide Valve Assembly	Refer to <i>Slide Valve Assemblies</i> section for parts breakdown
32	JA-80291	Safety Valve Assembly	Refer to <i>Safety Valve Assemblies</i> section for parts breakdown

N/A = Part no longer available

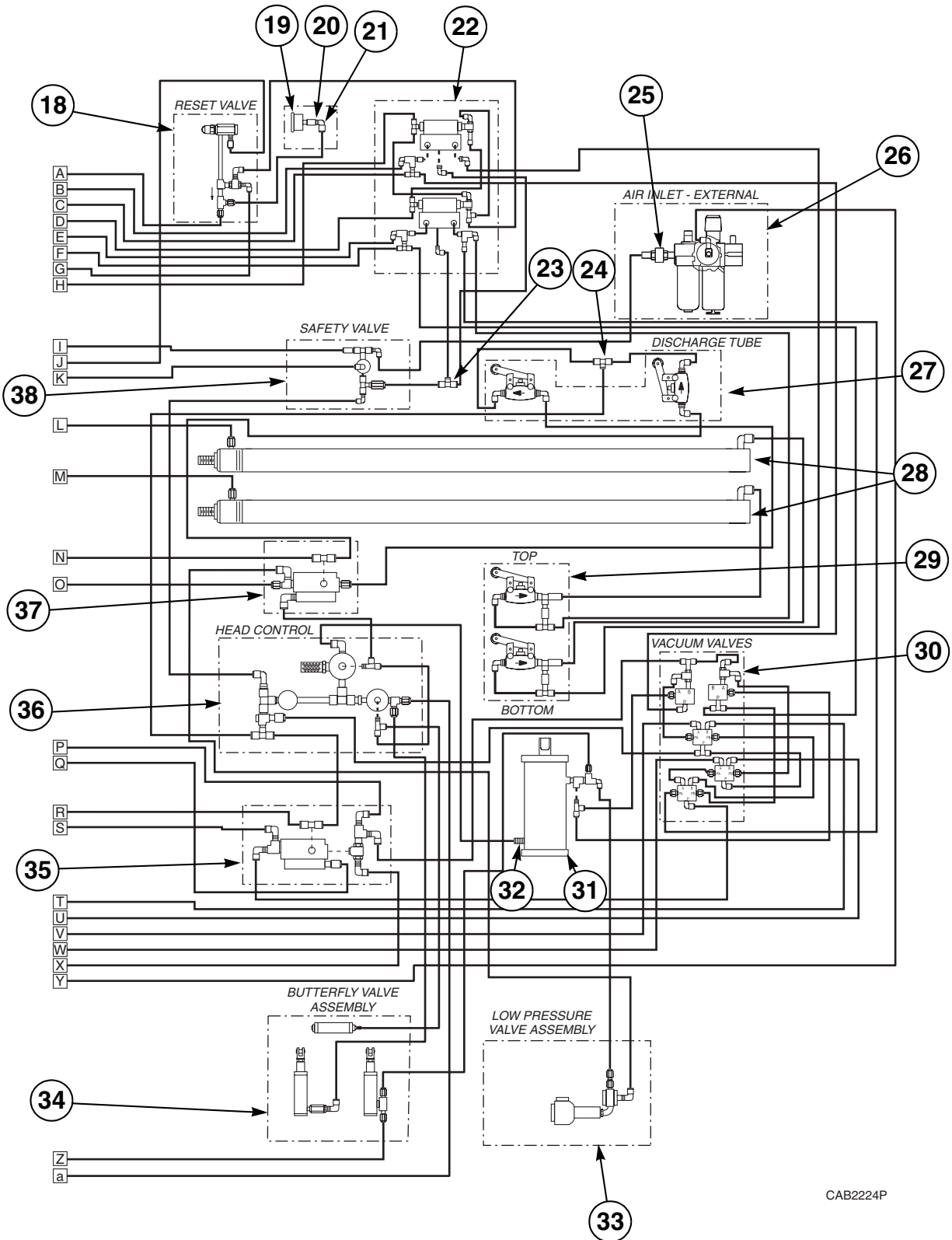
Air System – ADFBCV Models Starting March 1995 (Drawing 1 of 2)



Air System – ADFBCV Models Starting March 1995 (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1571041	Front Left Safety Bar Bracket Assembly	Refer to <i>Front Left Safety Bar Bracket 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	J1523844	Bracket and Fittings Assembly	2 required; Refer to <i>Bracket and Fittings Assembly</i> section for parts breakdown
4	J1521947	Left Safety Valve Assembly	Refer to <i>Left Safety Valve Assembly</i> section for parts breakdown
5	J1521954	Front Safety Valve Assembly	Refer to <i>Front Safety Valve Assembly</i> section for parts breakdown
6	JA-09397	2-Way Roller	2 required; Refer to <i>Roller Valve</i> section for parts breakdown
7	JA-08995	1-Way Roller Valve	2 required; Refer to <i>Valve Assmbles</i> section for parts breakdown
8	J1492479	Shuttle Valve and Hose Assembly	Refer to <i>Shuttle Valve and Hose Assembly</i> section for parts breakdown
9	JA-09393	Selector Valve Assembly	Refer to <i>Selector Valve Assembly</i> section for parts breakdown
10	J147924501	Damper Assembly	Refer to <i>Damper Assembly</i> section for parts breakdown
11	J1479484	Filter Box Damper Assembly	Refer to <i>Filter Box Damper Assembly</i> section for parts breakdown
12	J1485010	Valve Assembly	Refer to <i>Collar Block Foot Pedal Valve Assembly</i> section for parts breakdown
13	J1387836	Pedal Base Assembly	Refer to <i>Pedal Base Assembly</i> section for parts breakdown
14	JA-09407	Tail Clamp Release	Refer to <i>Tail Clamp Release</i> section for parts breakdown
15	JC-30734	Male Compression Tee	
16	JA-50642	Pipe Elbow	
17	JA-09374	Pushbutton Console	Refer to <i>Pushbutton Console</i> section for parts breakdown

Air System – ADFBCV Models Starting March 1995 (Drawing 2 of 2)

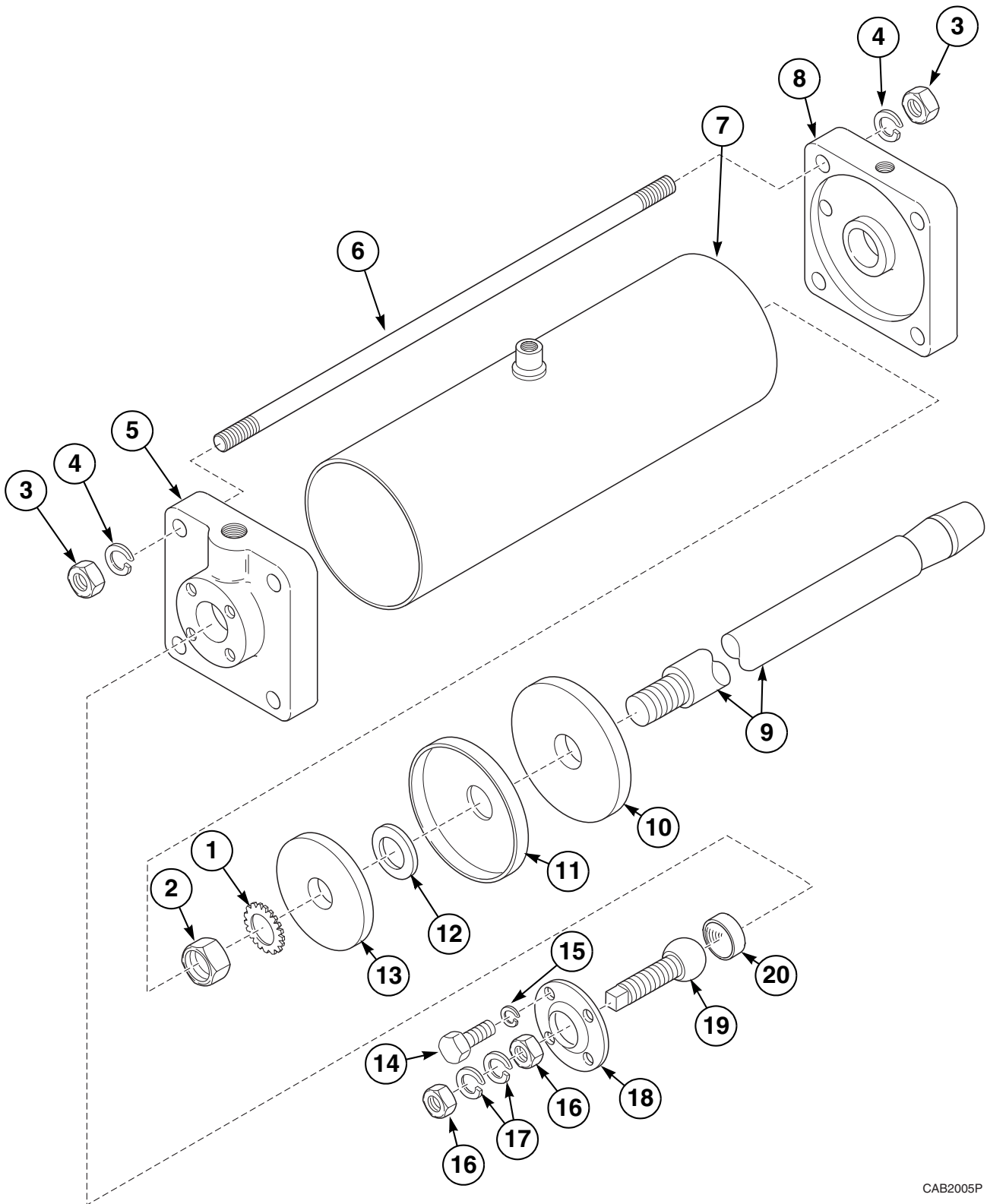


CAB2224P

Air System – ADFBCV Models Starting March 1995 (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
18	J1573005	Reset Valve Assembly	Refer to <i>Reset Valve Assembly</i> section for parts breakdown
19	J200128200	Pressure Gauge	0-100 psi
20	J1018571	Pipe Coupling	
21	JA-50770	Male Compression Elbow	2 required
22	J1492495	Valve Assembly	Refer to <i>Valve Assembly</i> section for parts breakdown
23	J1157544	Union Compression Tee	
24	J1130780	Union Compression Tee	
25	J1151646	Male Compression Connector	
26	J1484245	External Air Inlet Assembly	Refer to <i>External Air Inlet Assembly</i> section for parts breakdown
27	JA-80294	Discharge Tube Assembly	Refer to <i>Discharge Tube Assembly</i> section for parts breakdown
28	J1457290P	Air Cylinder Kit	2 required; Refer to <i>Indexing Cylinder Assembly</i> section for parts breakdown
29	JA-80211	Roller and Check Valve Assembly	2 required; Refer to <i>Roller and Check Valve Assembly</i> section for parts breakdown
30	J1531078	Vacuum Air Valve Assembly	Refer to <i>Vacuum Air Valve Assembly</i> section for parts breakdown
31	J1444157	Main Air Cylinder Assembly	Refer to <i>Main Air Cylinder</i> section for parts breakdown
32	JA-50765	Male Compression Connector	
33	J1515709	Low Pressure Valve Assembly	Refer to <i>Low Pressure Valve Assembly</i> section for parts breakdown
34	JA-08869	Butterfly Valve Assembly	Refer to <i>Butterfly Valve Assembly</i> section for parts breakdown
35	J1479641	4-Way Slide Valve Assembly	Refer to <i>Slide Valve Assemblies</i> section for parts breakdown
36	J1479633	Head Control Valve Group Assembly	Refer to <i>Head Control Valve Group Assembly</i> section for parts breakdown
37	J1515691	4-Way Slide Valve Assembly	Refer to <i>Slide Valve Assemblies</i> section for parts breakdown
38	JA-80291	Safety Valve Assembly	Refer to <i>Safety Valve Assemblies</i> section for parts breakdown

Main Air Cylinder Assembly



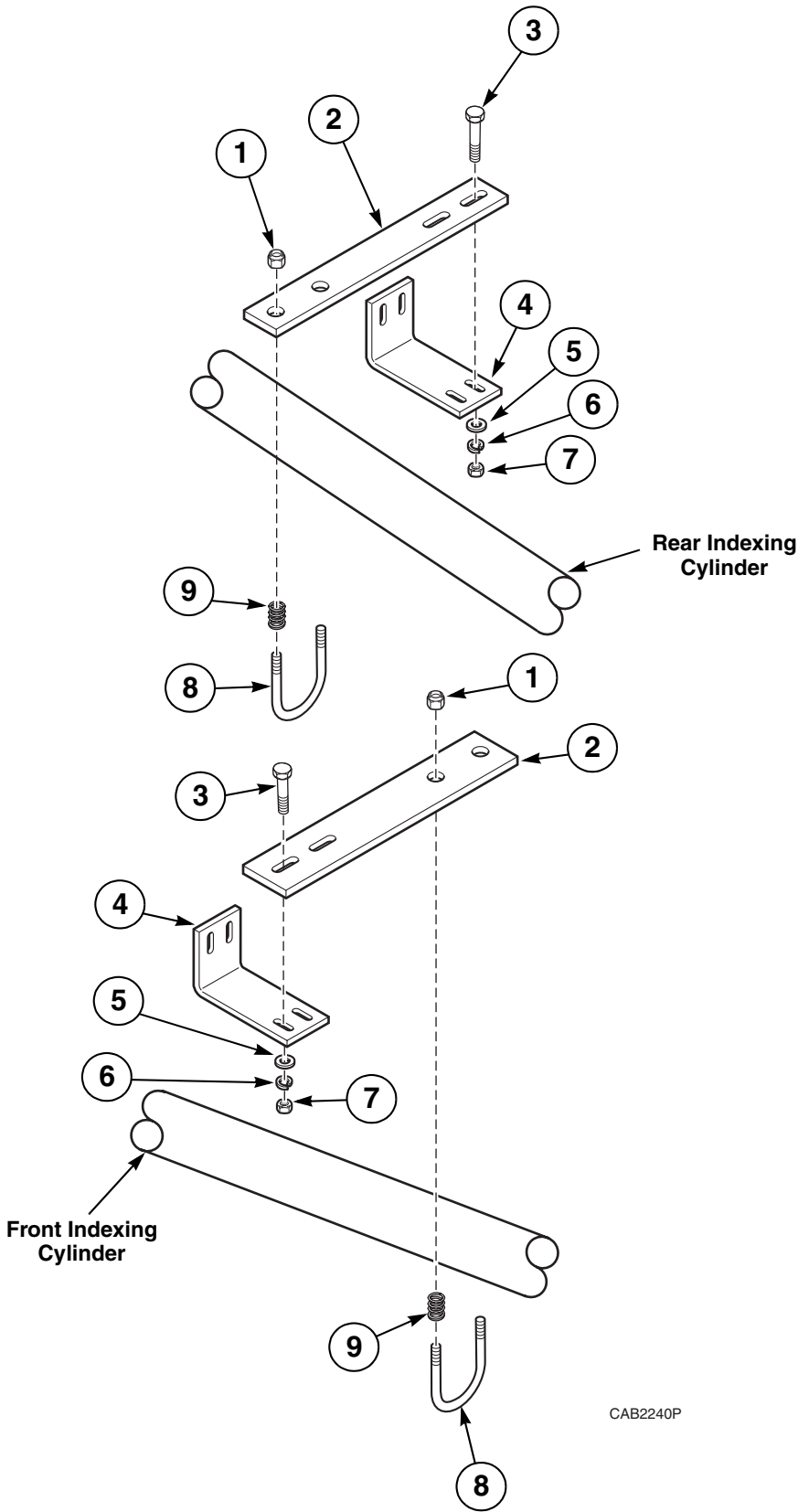
CAB2005P

Main Air Cylinder Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	N/A	Main Air Cylinder Assembly	Models through 1990; Includes items 1-20
	J1444157	Main Air Cylinder Assembly	Models starting 1990; Includes items 1-20
	J1428994	Cylinder Head Gasket	
1	JA-53116	Washer	
2	M400023	Nut	
3	JA-53896	Nut	8 required
4	M400014	Washer	8 required
5	JA-13816	Cylinder Head	Lower
6	JA-22716	Bolt	4 required
7	JA-08848	Cylinder Body Assembly	
8	J1371079	Upper Cylinder Head Assembly	
9	N/A	Piston Rod	Models through 1992
	J1444082	Piston Rod	Models starting 1992
10	JA-10892	Outside Plate	
11	JA-10889	Piston Cup Seal	
12	JA-13121	Washer	
13	JA-10891	Inside Plate	
14	02422	Screw	4 required
15	J1001007	Washer	4 required
16	JA-50434	Nut	2 required
17	F430319	Washer	2 required
18	JA-10672	Flange Ball Pin	
19	JA-22639	Ball Pin	
20	JA-10341	Ball Seat	

N/A = Part no longer available

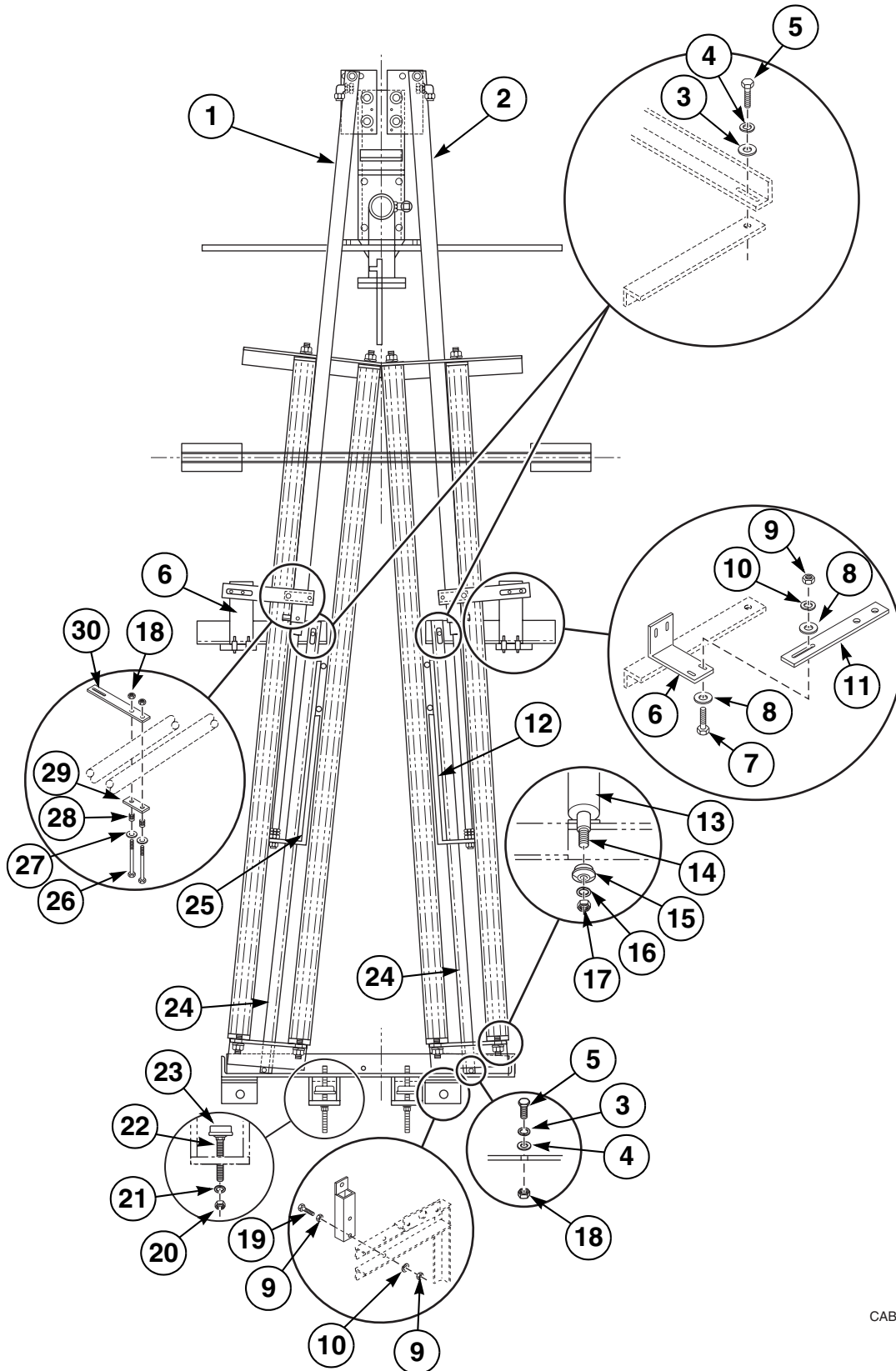
Indexing Cylinder Support – Old Style



Indexing Cylinder Support – Old Style

REF	PART NO.	DESCRIPTION	COMMENTS
	J1534114	Rear Cylinder Bracket	For ACBBY models only
1	JC-43023	Nut	2 required for ACBBY models; 4 required for ADFB models
2	J1534106	Front Cylinder Bracket	
3	M400056	Screw	2 required for ACBBY models; 4 required for ADFB models
4	J1534122	Cylinder Mounting Bracket	1 required for ACBBY models; 2 required for ADFB models
5	J1001270	Washer	4 required for ACBBY models; 8 required for ADFB models
6	M400013	Washer	2 required for ACBBY models; 4 required for ADFB models
7	70142	Nut	
8	JA-53890	U-Bolt	1 required for ACBBY models; 2 required for ADFB models
9	J1039676	Tapered Compression Spring	2 required for ACBBY models; 4 required for ADFB models

Indexing Cylinder Support – New Style



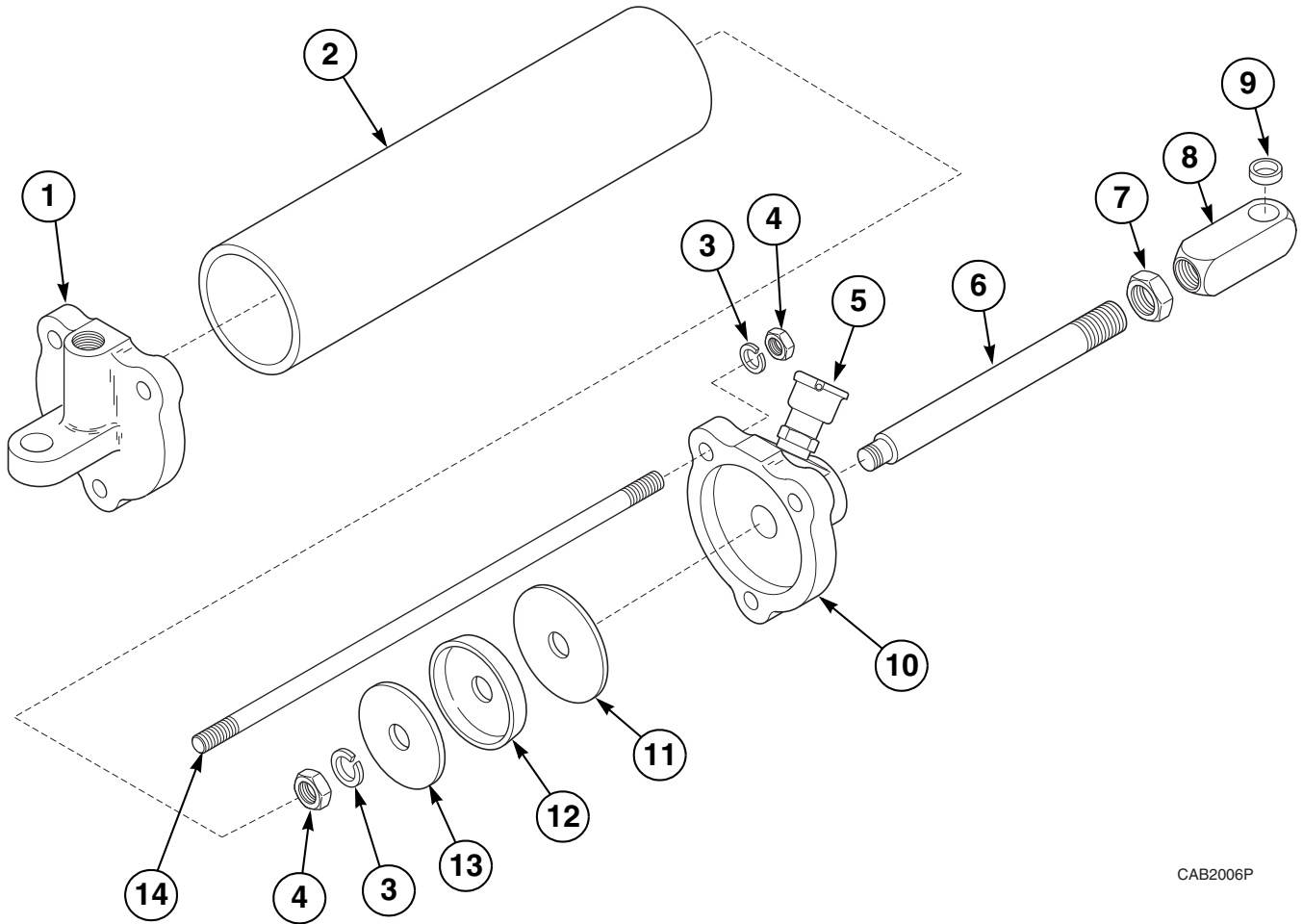
CAB2445P

Indexing Cylinder Support – New Style

REF	PART NO.	DESCRIPTION	COMMENTS
1	N/A	Indexing Cylinder Assembly	Rear
2	N/A	Indexing Cylinder Assembly	Front
3	J1185073	Washer	2 required for CBBY models; 4 required for DFB models
4	J1393354	Washer	2 required for CBBY models; 4 required for DFB models
5	JA-52426	Screw	2 required for CBBY models; 4 required for DFB models
6	J1534122	Cylinder Mounting Bracket	1 required for CBBY models; 2 required for DFB models
7	M400056	Screw	2 required for CBBY models; 4 required for DFB models
8	J1001270	Washer	2 required for CBBY models; 4 required for DFB models
9	70142	Nut	6 required for CBBY models; 8 required for DFB models
10	M400013	Washer	6 required for CBBY models; 8 required for DFB models
11	J1612936	Indexing Plate	Front
12	N/A	Cylinder Mounting Weldment	Front
13	J200041100	Tube	2 required for CBBY models; 4 required for DFB models
14	JA-23189	Rod Rail	2 required for CBBY models; 4 required for DFB models
15	J200133500	Rail Slug Insert	4 required for CBBY models; 8 required for DFB models
16	91200	Washer	4 required for CBBY models; 8 required for DFB models
17	J1000850	Nut	4 required for CBBY models; 8 required for DFB models
18	20275	Nut	3 required for CBBY models; 6 required for DFB models
19	JA-53388	Screw	2 required for CBBY models; 4 required for DFB models
20	20274	Nut	1 required for CBBY models; 2 required for DFB models
21	M400014	Washer	1 required for CBBY models; 2 required for DFB models
22	JA-56790	Bumper Assembly	1 required for CBBY models; 2 required for DFB models
23	JA-23959	Buck Stop Bumper	1 required for CBBY models; 2 required for DFB models
24	JA-23018	Angle	2 required for CBBY models; 4 required for DFB models
25	N/A	Cylinder Mounting Weldment	Rear; 1 required for DFB models
26	J1410026	Screw	2 required for CBBY models; 4 required for DFB models
27	JC-80513	Washer	2 required for CBBY models; 4 required for DFB models
28	J1039676	Tapered Compression Spring	2 required for CBBY models; 4 required for DFB models
29	J1611987	Indexing Shim	1 required for CBBY models; 2 required for DFB models
30	J1611995	Rear Plate	1 required for DFB models

N/A = Part no longer available

Actuating Cylinder Assembly



CAB2006P

Actuating Cylinder Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-00025	Actuating Cylinder Assembly	2 required; Includes items 1-14
1	JA-16287	Lower Head	
2	JA-16348	Body	
3	J1000975	Washer	4 required
4	03673	Nut	4 required
5	N/A	Oil Cup	
6	JA-11758	Piston Rod	
7	JC-48220	Nut	
8	JA-04515	3-Way Valve Clevis Assembly	Includes item 9
9	JA-51038	Oilless Sleeve Bearing	
10	JA-13814	Upper Cylinder Head	
11	JA-11051	Piston Plate	
12	JA-11053	Piston Cup Seal	
13	JA-11050	Piston Plate	
14	JA-11049	Bolt	3 required

N/A = Part no longer available

Models Starting 1992

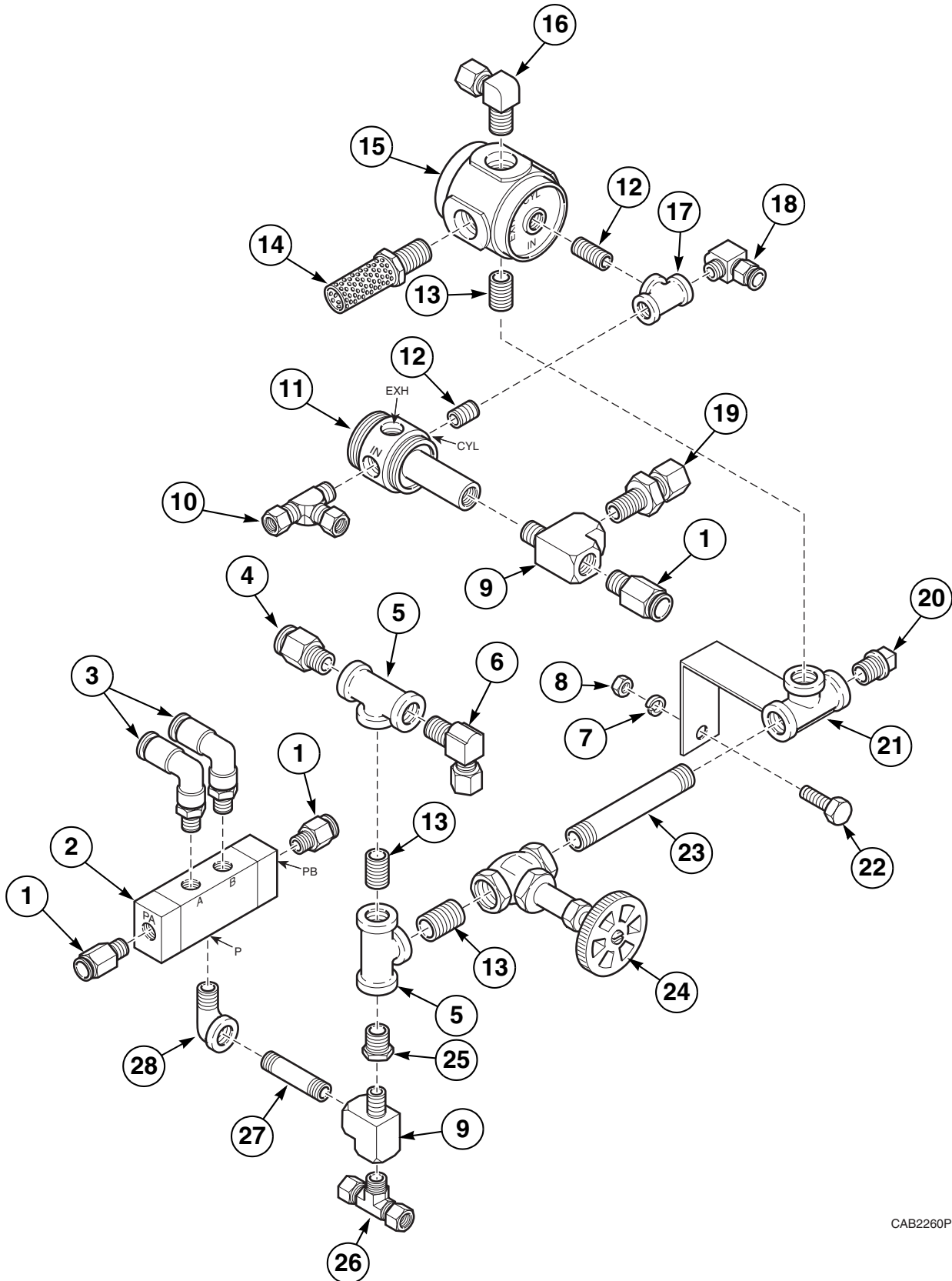


Head Control Valve Group Assembly For ADFB Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09383	Head Control Valve	Includes items 1-19; For ADFBC models only
	J1479633	Head Control Valve Group Assembly	Includes items 1-19; For ADFBCV models only
1	J1151620	Compression Elbow	2 required
2	J1036458	Needle Globe Valve	
3	JC-46133	Pipe Nipple	
4	J1185073	Washer	
5	20275	Nut	
6	JA-09430	Valve Assembly	
7	J1019736	Nipple	2 required; For ADFBC models only
	J115175201	Pipe Nipple	2 required; For ADFBCV models only
8	JA-53584	Air Muffler	
9	JA-53550	3-Way Dump Valve	250AA
10	JA-52314	Male Compression Tee	2 required
11	J1151661	Compression Connector	For ADFBCV models only
12	JC-30541	Street Pipe Tee	2 required for ADFBCV models; 1 required for ADFBC models at JA-54437 3-Way Dump Valve
13	F422101	Air Coupling	2 required for ADFBCV models; 1 required for ADFBC models at JA-54437 3-Way Dump Valve
14	J1232313	Pipe Nipple	
15	JA-54437	3-Way Dump Valve	125A; NO
16	JA-50688	Bushing	2 required; For ADFBC models only
	JC-19609	Reducing Bushing	2 required; For ADFBCV models only
17	J1238518	Screw	
18	JA-50782	Compression Tee	For ADFBC models only
	JC-30734	Male Compression Tee	For ADFBCV models only
19	JA-50667	Pipe Tee	For ADFBC models only
	J1018415	Pipe Tee	For ADFBCV models only

Head Control Valve Group Assembly For ACBBY Models Only

Models Starting 1992



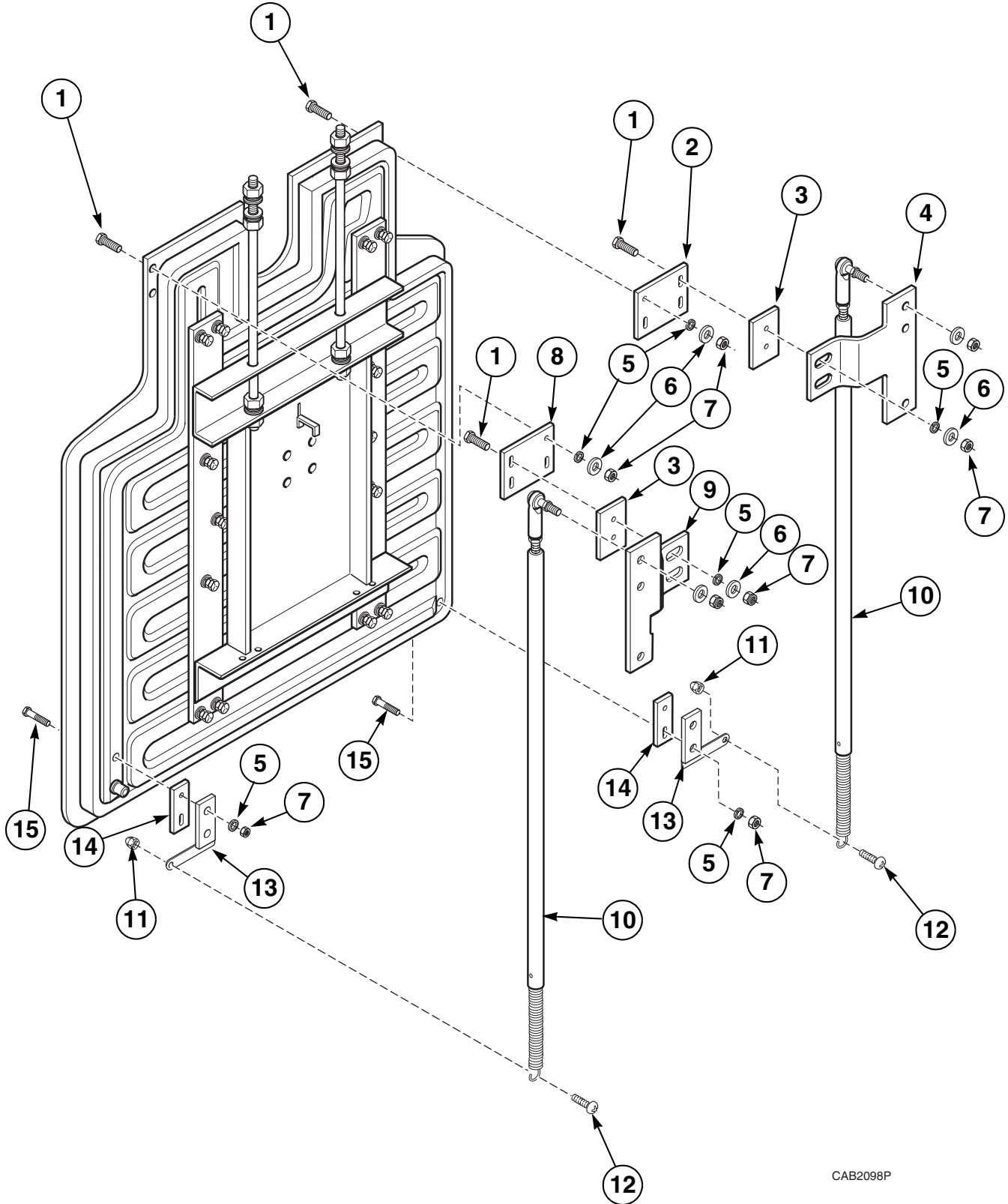
CAB2260P

Head Control Valve Group Assembly For ACBBY Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	J1481795	Head Control Valve Group Assembly	For ACBBYCV models only; Includes items 1-6, 9-21 and 23-28
	N/A	Head Control Valve Group Assembly	For ACBBYC models only; Includes items 1-6, 9-21 and 23-28
1	F422101	Air Coupling	3 required for ACBBYCV models; 1 required for ACBBYC models used with J1316710 Pipe Tee at JA-54437 3-Way Dump Valve
2	J1548783	Double Air Piloted Valve	4-way
3	J1407741	Swivel Tubing Elbow	2 required
4	J1151646	Male Compression Connector	
5	J1018415	Pipe Tee	2 required
6	J1151653	Compression Elbow	
7	J1185073	Washer	
8	20275	Nut	
9	J1316710	Pipe Tee	2 required for ACBBYCV models; 1 required for ACBBYC models at JA-54437 3-Way Dump Valve
10	JA-52314	Male Compression Tee	
11	JA-54437	3-Way Dump Valve	125A; NO
12	J1232313	Pipe Nipple	2 required
13	J115175201	Pipe Nipple	3 required
14	JA-53584	Air Muffler	
15	JA-53550	3-Way Dump Valve	250AA
16	J1151620	Compression Elbow	
17	JC-70614	Pipe Tee	
18	JA-50770	Male Compression Elbow	
19	J1151661	Compression Connector	
20	J1161413	Pipe Plug	
21	JA-09430	Valve Assembly	
22	J1238518	Screw	
23	JC-46133	Pipe Nipple	
24	J1036458	Needle Globe Valve	
25	JC-19609	Reducing Bushing	
26	JC-30734	Male Compression Tee	
27	J1026111	Pipe Nipple	
28	JC-28235	Street Pipe Elbow	

N/A = Part no longer available

Safety Bar Assembly to Front Head – New Style

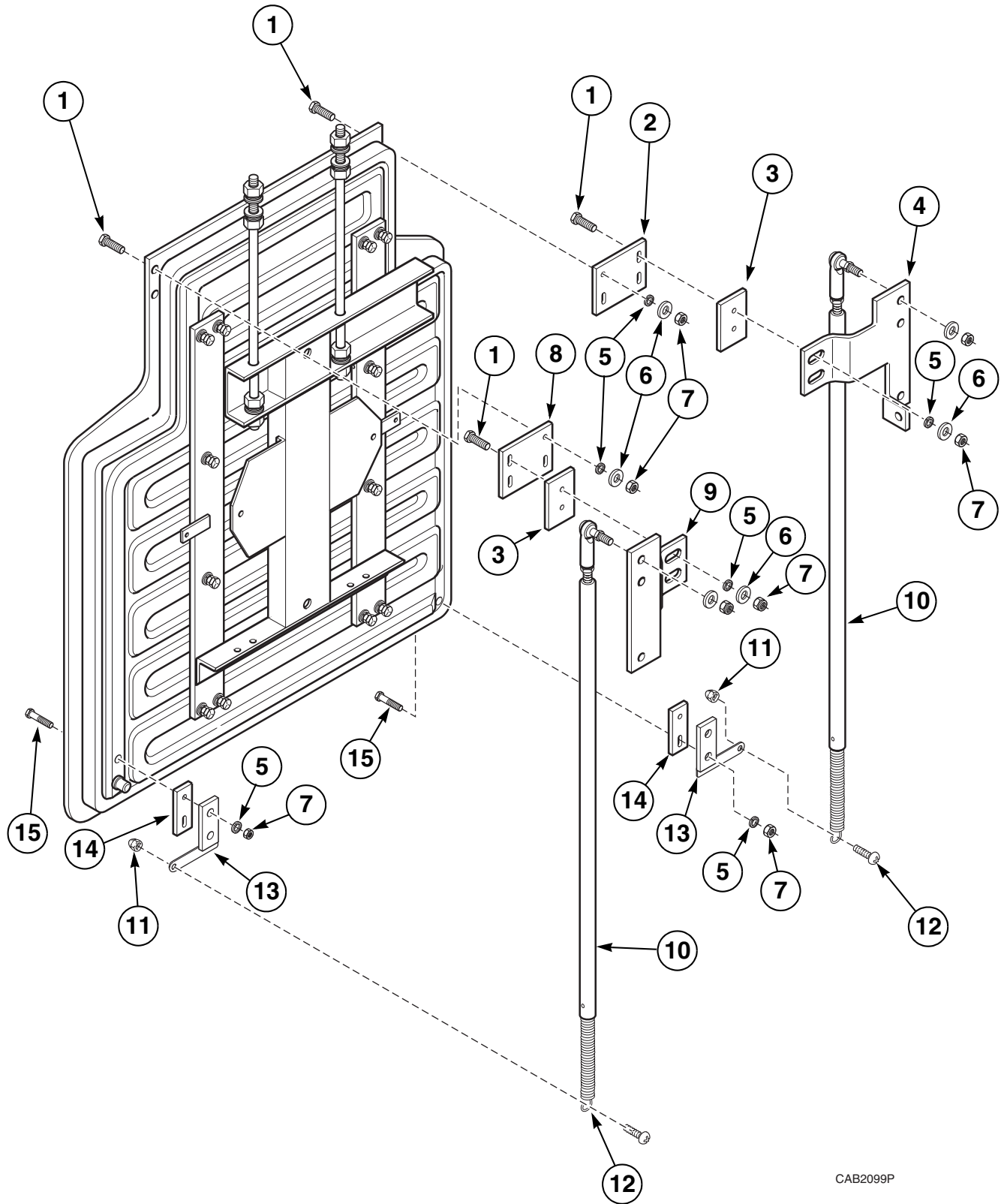


CAB2098P

Safety Bar Assembly to Front Head – New Style

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1238518	Screw	16 required
2	J1590546	Safety Bar Head Plate	Top right; 2 required
3	J1546118	Gasket	4 required
4	J1521954	Front Safety Valve Assembly	Refer to <i>Front Safety Valve Assembly</i> section for parts breakdown
5	J1185073	Washer	24 required
6	JC-80513	Washer	24 required
7	20275	Nut	24 required
8	J1593292	Safety Bar Head Plate	Top left; 2 required
9	J1571041	Front Left Safety Bar Bracket Assembly	Refer to <i>Front Left Safety Bar Bracket Assembly</i> section for parts breakdown
10	J1570951	Safety Bar Assembly	4 required; Refer to <i>Safety Bar Assembly</i> section for parts breakdown
11	JC-48494	Nut	4 required
12	J1007434	Screw	4 required
13	J1590629	Safety Bar Mounting Bar	Bottom left; 4 required
14	J1590553	Safety Bar Head Plate	Bottom left; 4 required
15	JA-52426	Screw	8 required

Safety Bar Assembly to Rear Head – New Style



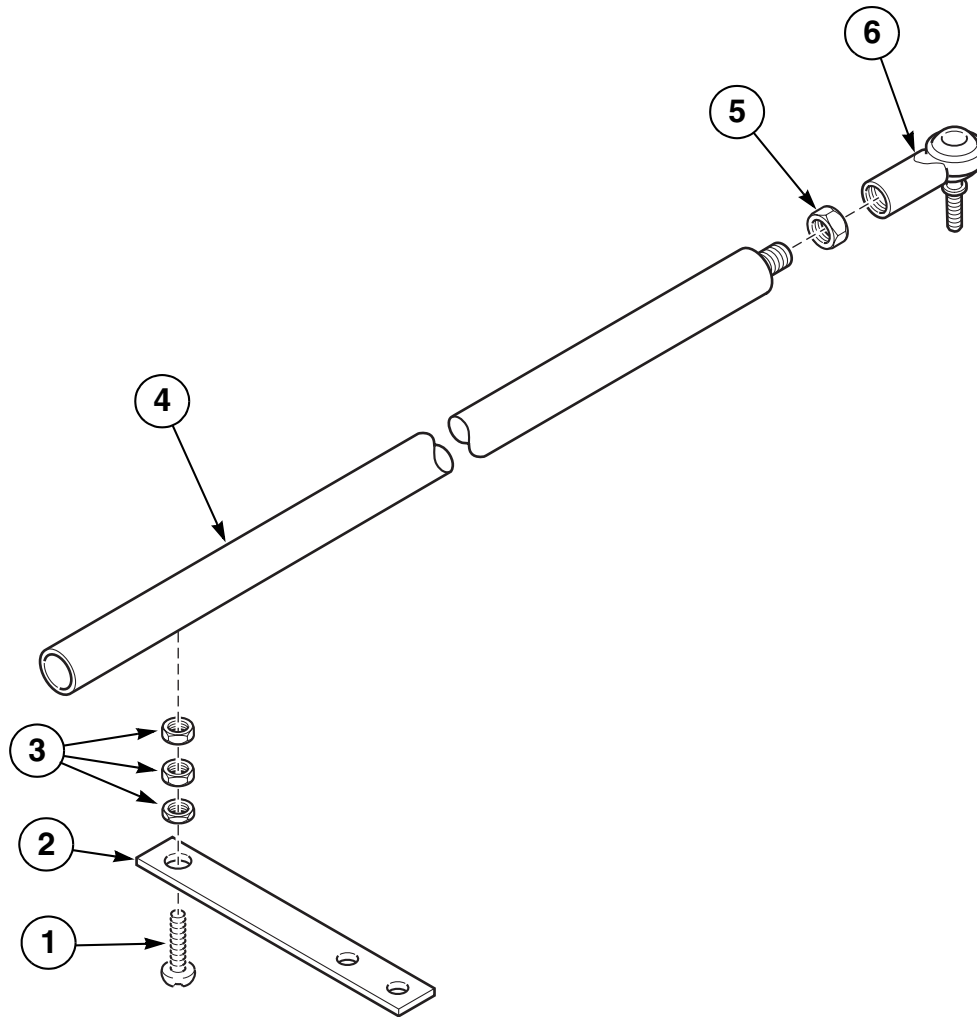
CAB2099P

Safety Bar Assembly to Rear Head – New Style

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1238518	Screw	16 required
2	J1590546	Safety Bar Head Plate	Top right; 2 required
3	J1546118	Gasket	4 required
4	J1521947	Left Safety Valve Assembly	Refer to <i>Left Safety Valve Assembly</i> section for parts breakdown
5	J1185073	Washer	24 required
6	JC-80513	Washer	24 required
7	20275	Nut	24 required
8	J1593292	Safety Bar Head Plate	Top left; 2 required
9	J1571058	Rear Left Safety Bar Bracket Assembly	Refer to <i>Rear Left Safety Bar Bracket Assembly</i> section for parts breakdown
10	J1570951	Safety Bar Assembly	4 required; Refer to <i>Safety Bar Assembly</i> section for parts breakdown
11	JC-48494	Nut	4 required
12	J1007434	Screw	4 required
13	J1590629	Safety Bar Mounting Bar	Bottom left; 4 required
14	J1590553	Safety Bar Head Plate	Bottom left; 4 required
15	JA-52426	Screw	8 required

Safety Bar Assembly – Old Style

Models Through 1992



CAB2009P

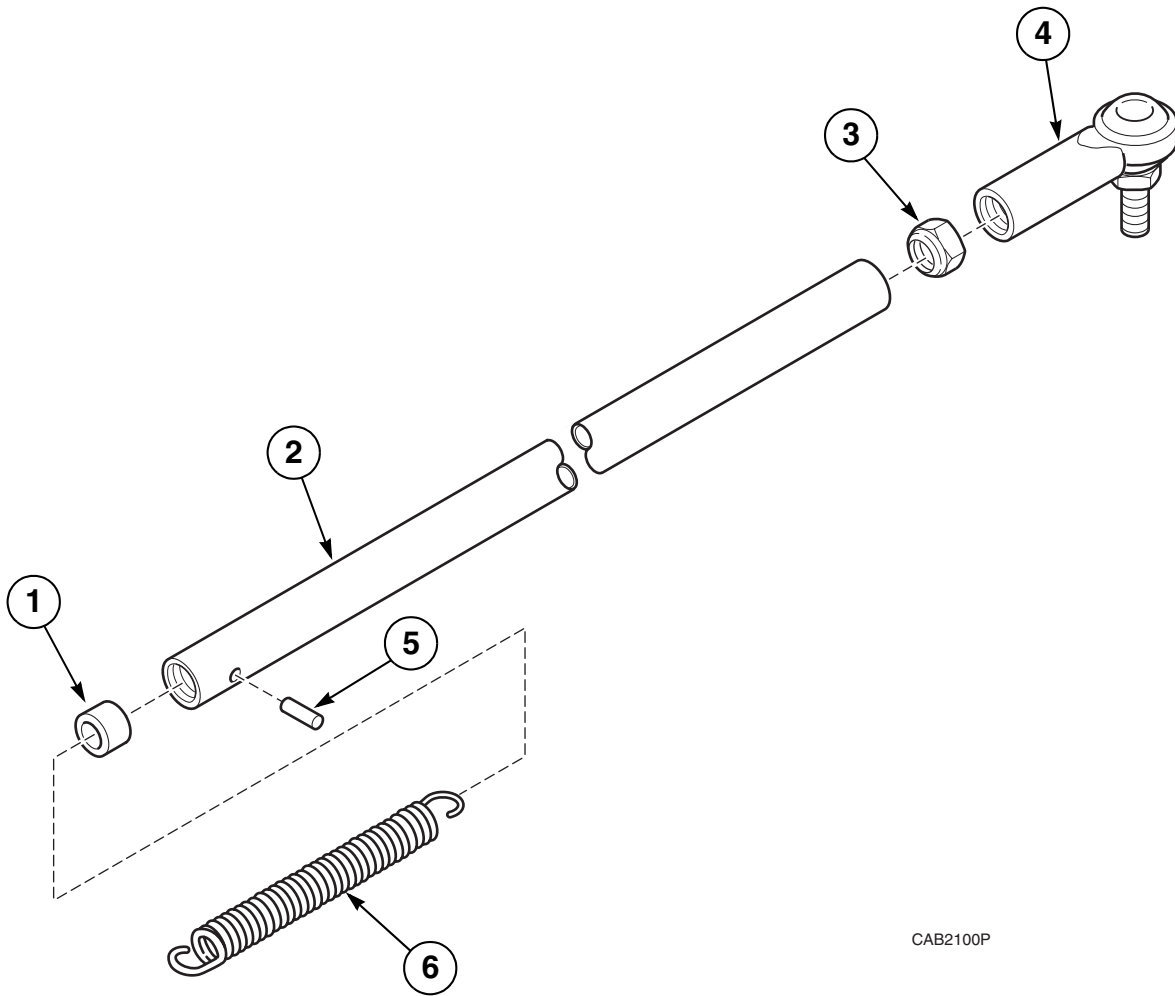
Safety Bar Assembly – Old Style

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09931	Safety Bar Assembly	Models through March 1986
	N/A	Safety Bar Assembly	Models starting April 1986 through 1992
	JA-09380	Safety Valve Assembly	Refer to <i>Safety Valve Assembly</i> section for parts breakdown; Used with JA-09931 Safety Bar Assembly
	JA-09449	Rear Safety Valve	Refer to <i>Rear Safety Valve</i> section for parts breakdown; Used with JA-09931 Safety Bar Assembly
1	JA-51557	Screw	
	JA-52524	Screw	Use with J1522903 Head Safety Bar Assembly
2	JA-22867	Leaf Spring	2 required
	J1521970	Safety Bar Mounting Tie	Use with J1522903 Head Safety Bar Assembly
3	52566	Nut	3 required
	20275	Nut	Use with J1522903 Head Safety Bar Assembly
4	JA-08894	Safety Bar Assembly	
	J1522887	Head Safety Bar Weldment	Use with J1522903 Head Safety Bar Assembly
5	JC-48220	Nut	
6	JA-53860	Female Rod End Bearing	

N/A = Part no longer available

Safety Bar Assembly – New Style

Models Starting 1992

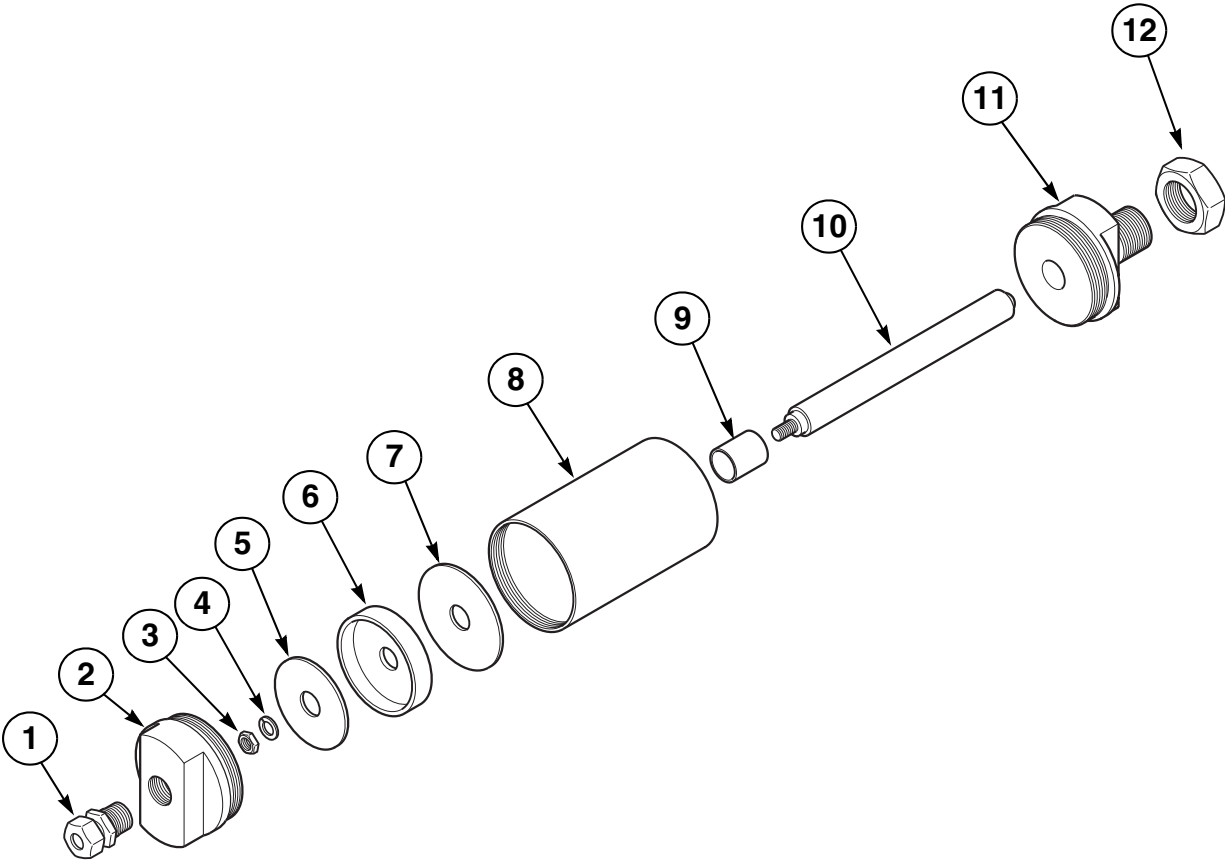


CAB2100P

Safety Bar Assembly – New Style

REF	PART NO.	DESCRIPTION	COMMENTS
	J1570951	Safety Bar Assembly	Includes items 1-6
1	J1570985	Bushing	
2	J1570969	Safety Bar Weldment	
3	JC-48220	Nut	
4	JA-53860	Female Rod End Bearing	
5	J1407725	Roll Pin	
6	J1570993	Spring	

Butterfly Cylinder Valve



CAB2007P

Butterfly Cylinder Valve

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09329	Butterfly Cylinder Valve	Includes items 1-12; 2 required
1	J1151661	Compression Connector	
2	JA-15699	Lower Head	
3	JA-51759	Nut	
4	J1000975	Washer	
5	JA-11050	Piston Plate	
6	JA-11053	Piston Cup Seal	
7	JA-11051	Piston Plate	
8	JA-24224	Cylinder Body	
9	JA-24365	Spacer	
10	JA-04184	Piston Rod Assembly	
11	JA-24369	Upper Cylinder Head	
12	JA-50434	Nut	

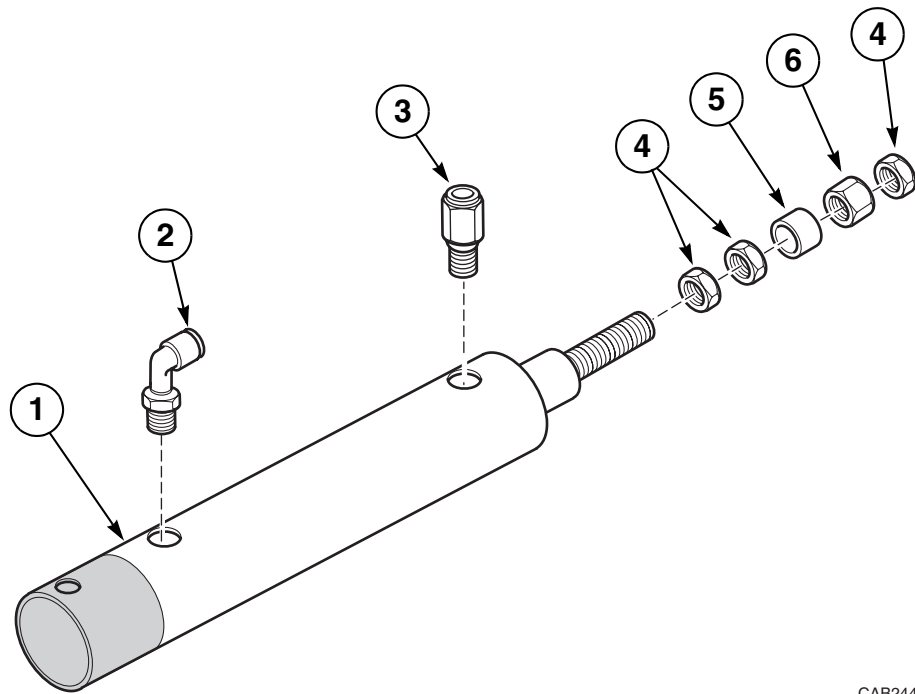
This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or valve. The components are numbered 1 through 23. The assembly includes a main cylindrical body (1), a handle assembly (2, 3, 4), a cap (5), a mounting bracket (6), a shaft (13), a series of washers and spacers (7-16), a nut (17), a seal (18), a gasket (19), a plug (20), a screw (21), a housing (22), and a pin (23). The diagram shows the relative positions and assembly sequence of these parts.

Indexing Cylinder Assembly – Old Style

REF	PART NO.	DESCRIPTION	COMMENTS
	J1457290P	Air Cylinder Kit	Old style; Both ends are painted grey; 2 required; Includes items 1-23
	J1457290	Air Cylinder	New style; Ends are black or brass; 2 required; Includes items 1-23
	J1457308	Cylinder Repair Kit	Use with J1457290 Air Cylinder
	J1010-000744	Indexing Air Cylinder Kit	ADFB models
	J1010-000743	Indexing Air Cylinder Kit	ACBBY models
	JA-24692	Cylinder Support	
1	N/A	Cylinder Body	Order J1457290P Air Cylinder Kit to repair
2	J1019298	Compression Elbow	2 required
3	JC-77269	Male Compression Needle Valve	
4	J1012574	Street Elbow	
5	JA-22674	Spacer Assembly	
6	N/A	Lower Head	
7	N/A	Nut	
8	M400080	Washer	Piston; Lower end
9	JA-11053	Piston Cup Seal	2 required
10	JA-53927	Washer	Felt
11	N/A	Air Cylinder Piston	
12	J1331818	Piston Head End Plate	Upper end
13	JA-22672	Piston Rod	
14	JA-53918	Washer	2 required
15	JA-53911	U-Cup	
16	JA-08827	Head Cap Assembly	Includes N/A Head Cap, JA-51056 Oilless Sleeve Bearing and JA-51554 U-Cup Seal
17	JA-51474	Nut	3 required
18	JA-15762	Bushing	
19	JC-48229	Nut	
20	J1151794	Pipe Plug	
21	JA-54394	Pipe Plug	
22	N/A	Upper Head	Order J1457290P Air Cylinder Kit to repair
23	JA-50759	Male Compression Connector	

N/A = Part no longer available

Indexing Cylinder Assembly – New Style

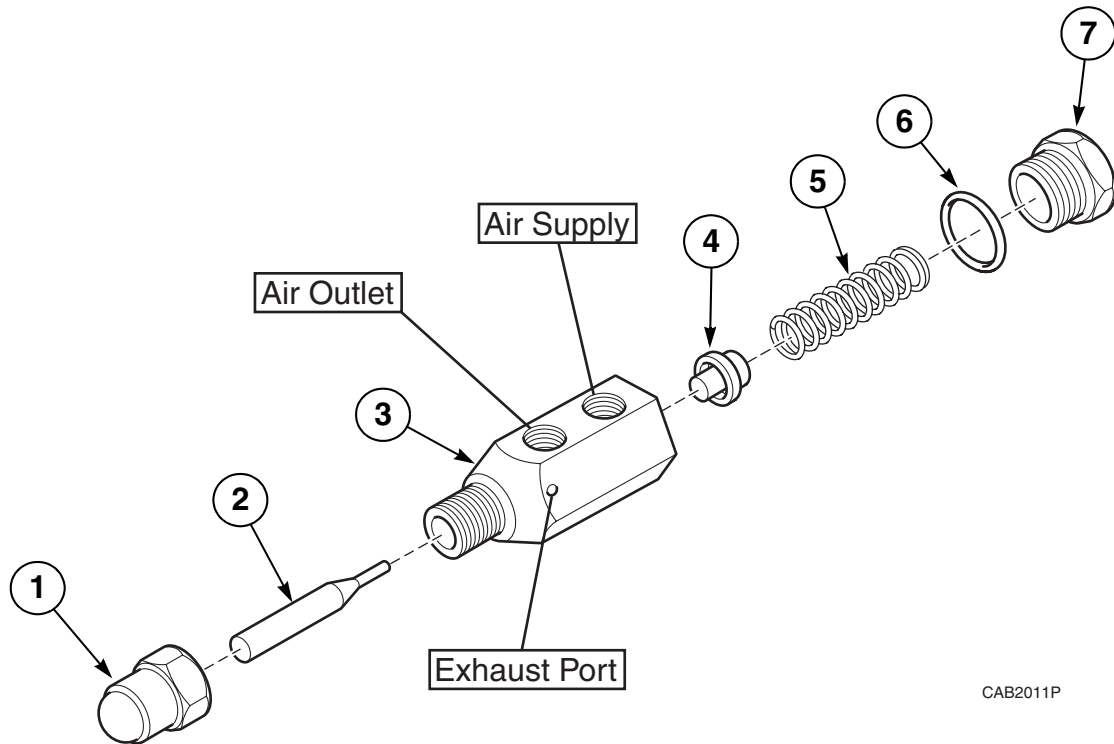


CAB2446P

Indexing Cylinder Assembly – New Style

REF	PART NO.	DESCRIPTION	COMMENTS
	J1457290P	Air Cylinder Kit	Includes items 1-6
	J1457308	Cylinder Repair Kit	Use with item 1
	J1010-000744	Indexing Air Cylinder Kit	ADFB models
	J1010-000743	Indexing Air Cylinder Kit	ACBBY models
1	J1457290	Air Cylinder	
2	J1019298	Compression Elbow	2 required
3	JA-50759	Male Compression Connector	
4	JA-51474	Nut	3 required
5	JA-15762	Bushing	
6	JC-48229	Nut	

Valve Body Assembly



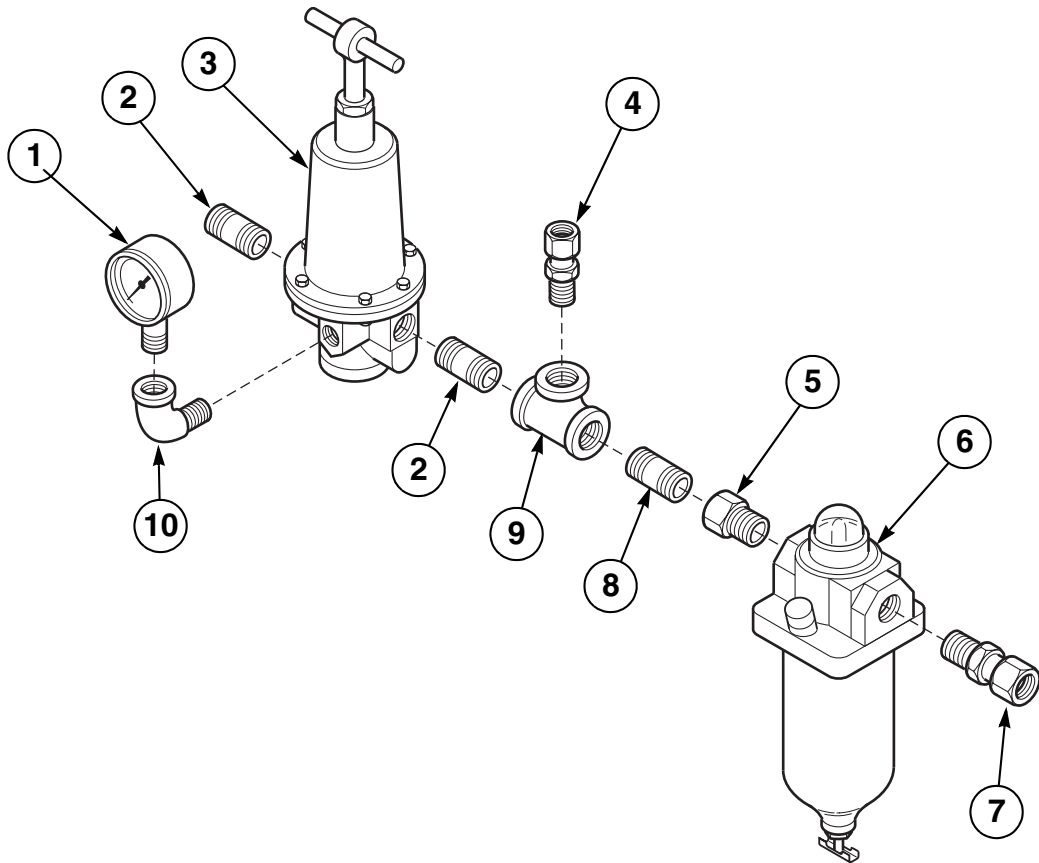
CAB2011P

Valve Body Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-06430	Valve Body Assembly	Includes items 3-7
	JA-00397	Pushbutton Assembly	Includes item 1
1	J1315597	Ball	
2	J1611417	Valve Stem Assembly	
3	JA-10514	Valve Body	
4	JA-11599	Valve	
5	JA-51336	Compression Spring	
6	JC-57441	O-Ring	
7	JA-10515	Valve Cap	

Regulator and Oiler Assembly

Models Through April 1992



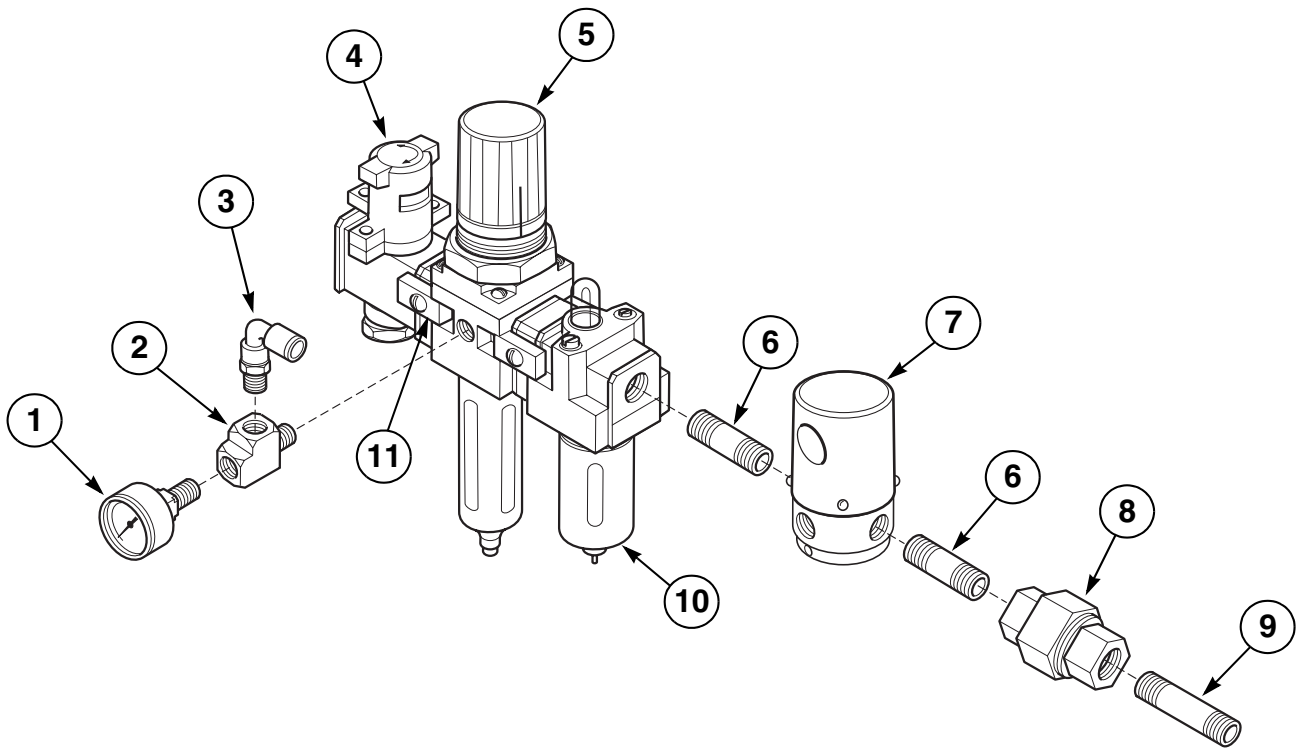
CAB2053P

Regulator and Oiler Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-80021	Regulator and Oiler Assembly	Includes items 1-10; Order J1557479P Filter/Regulator/Lubricator Assembly to replace JA-80021
1	J1019736	Nipple	2 required
2	JA-53898	Non-Relieving Air Regulator	
3	JA-50865	Pressure Gauge	0-200 psi
4	J1151661	Compression Connector	
5	J1033208	Reducing Bushing	
6	JA-55013	Air Lubricator	
7	JA-50765	Male Compression Connector	
8	JC-4606101	Pipe Nipple	
9	JC-70616	Pipe Tee	
10	J1231521	Street Pipe Elbow	

External Air Inlet Assembly

Models Starting April 1992 Through June 1997



CAB2231P

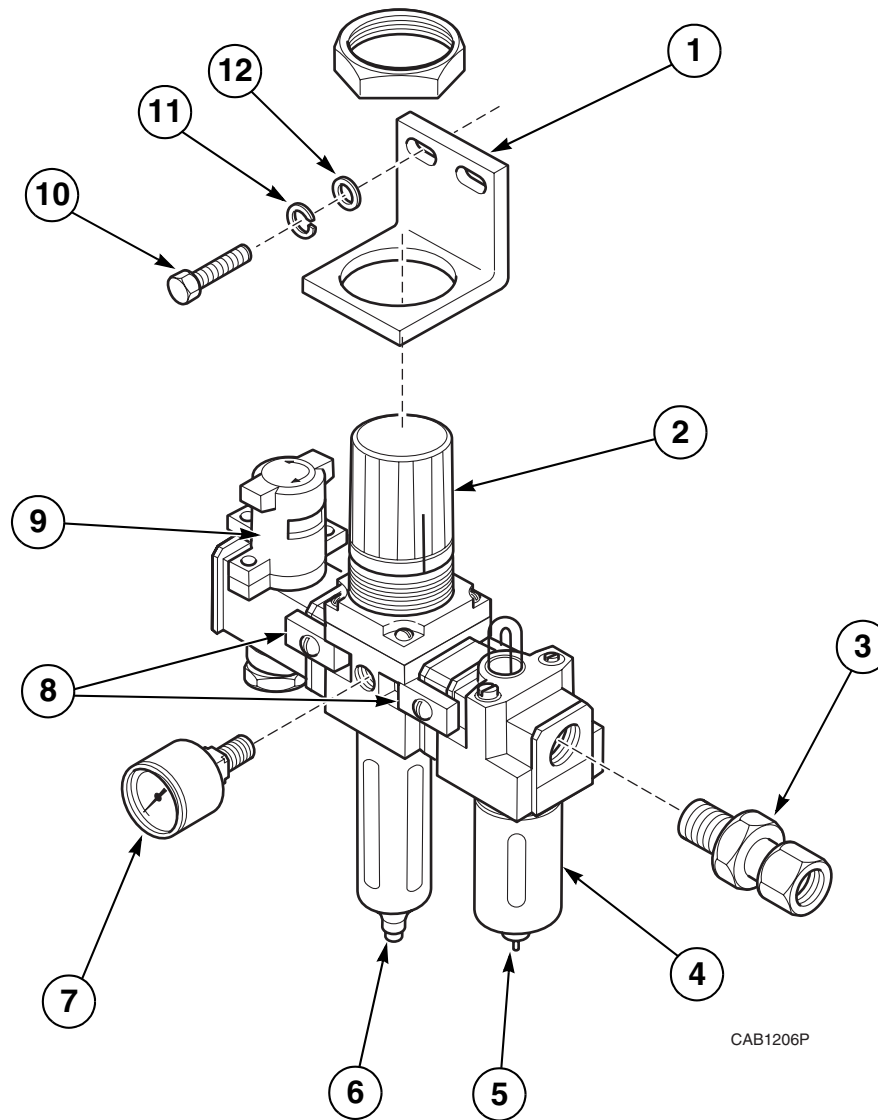
External Air Inlet Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1484245	External Air Inlet Assembly	Includes items 1-11
	J1557479P	Filter/Regulator/Lubricator Assembly	Includes items 4, 5, 10 and 11; Refer to <i>Filter/Regulator/Lubricator Assembly</i> section for parts breakdown
1	J1477959	Pressure Gauge	0-160 psi
2	JC-30541	Street Pipe Tee	
3	J1407741	Swivel Tubing Elbow	
4	J1557503	Lock-Out Valve	
5	J1557487	Filter/Regulator	0-125 psi
6	J1026335	Pipe Nipple	2 required
7	J1374248	3-Way Air Solenoid Valve	
8	JC-7601201	Pipe Union	
9	JC-4613101	Pipe Nipple	
10	J1557495	Lubricator	
11	J1571413	Spacer	2 required

N/A = Part no longer available

Filter/Regulator/Lubricator Assembly

Models Starting June 1997



Filter/Regulator/Lubricator Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1557479P	Filter/Regulator/Lubricator Assembly	Includes items 1, 2 and 4-9
	J200032100	Filter Kit	
	J200032200	Regulator Kit	
	J1637644	Filter/Regulator Auto Drain Kit	
	J200032400	Lubricator Kit	
1	J1571405	Bracket	
2	J1557487	Filter/Regulator	0-125 psig
3	J1408020	Tubing Connector	
4	J1557495	Lubricator	
5	J1647536	Air Lubricator Bowl	Use with item 4
6	J1637644	Filter/Regulator Auto Drain Kit	Use with item 2
7	J1477959	Pressure Gauge	0-160 psig
8	J1571413	Spacer	2 required
9	J1557503	Lock-Out Valve	
10	JC-61608	Screw	2 required
11	J1000975	Washer	2 required
12	JC-80759	Washer	2 required

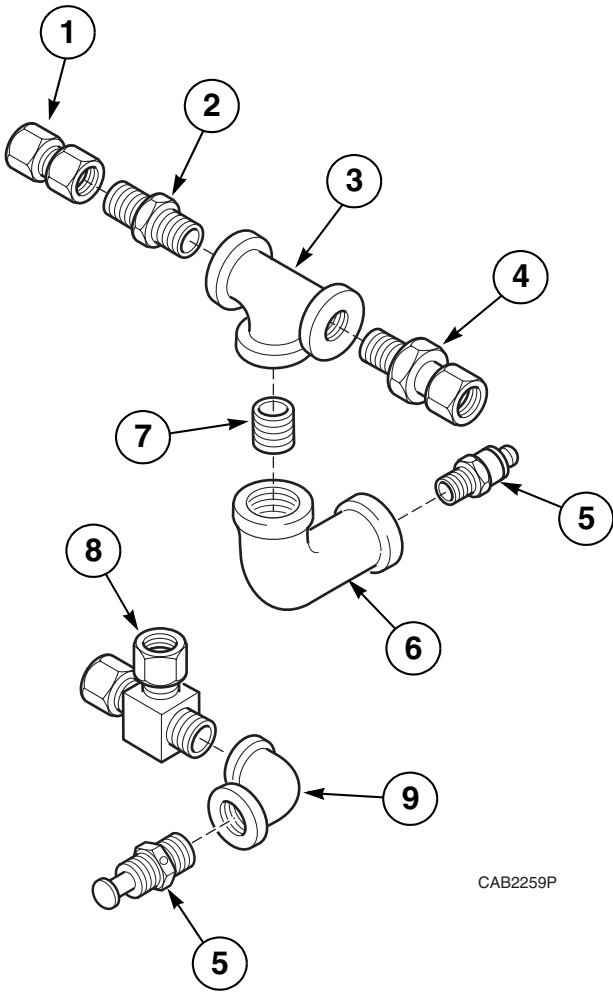
Safety Valve Assemblies (Drawing 1 of 2)



Safety Valve Assemblies (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-80291	Safety Valve Assembly	Used for ADFB models only; Includes items 1-8
	JA-80301	Valve Assembly	Used for ACBBY models only; Includes items 4, 6, 8 and 9
	JA-54069	Valve Kit	Use with item 6
1	J1151661	Compression Connector	
2	JA-50688	Bushing	Models through 1992
	JC-19609	Reducing Bushing	Models starting 1992
3	JA-50667	Pipe Tee	2 required; Models through 1992
	J1018415	Pipe Tee	Models starting 1992
4	J1151620	Compression Elbow	2 required
5	J1019736	Nipple	2 required; Models through 1992
	J115175201	Pipe Nipple	2 required; Models starting 1992
6	JA-53550	3-Way Dump Valve	
7	J1160761	Compression Connector	
8	JA-50770	Male Compression Elbow	
9	J1151646	Male Compression Connector	

Safety Valve Assemblies (Drawing 2 of 2)



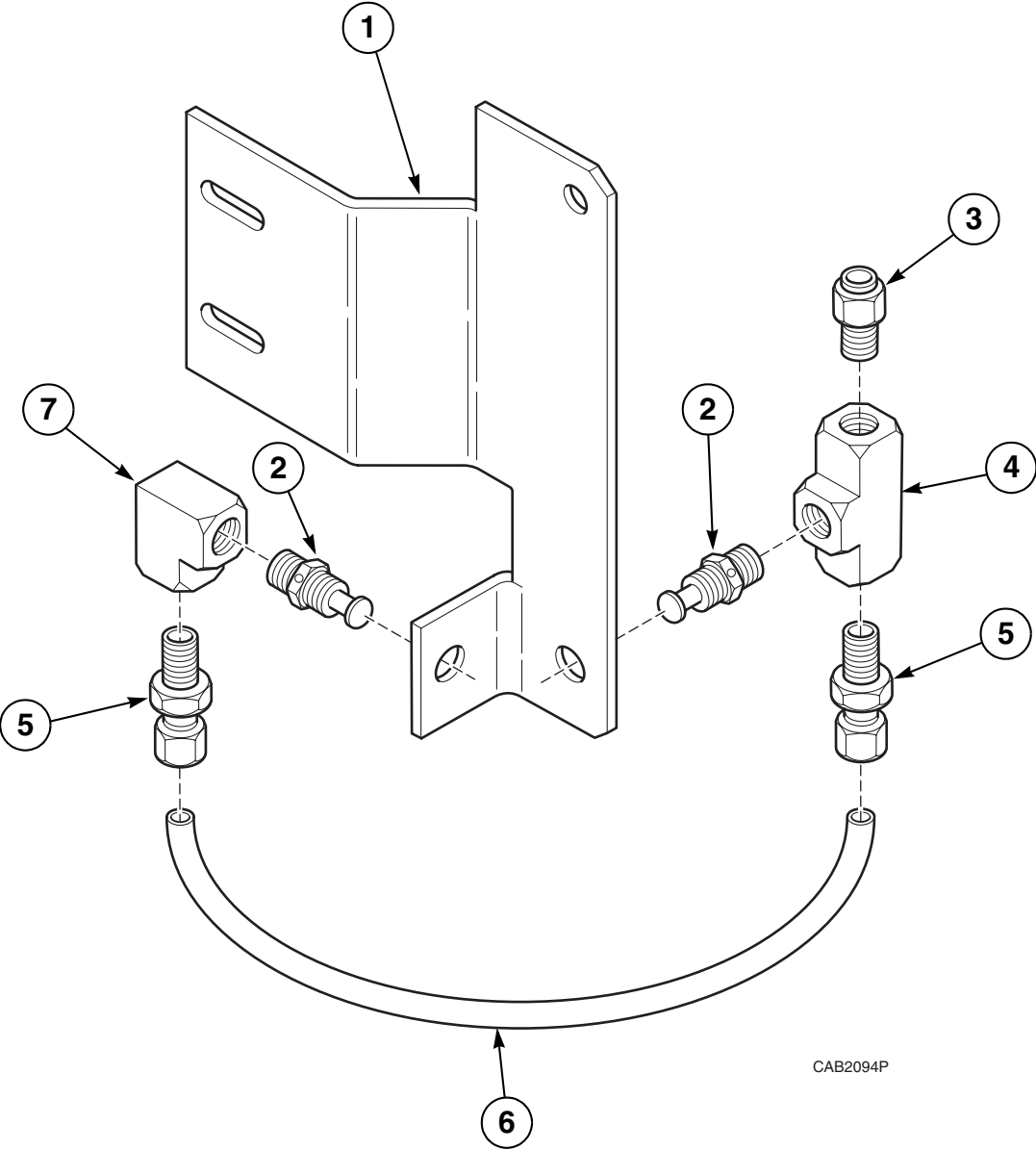
CAB2259P

Safety Valve Assemblies (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09380	Safety Valve Assembly	Front; Includes items 1-7; Use with JA-09931 Safety Bar Assembly
	JA-09449	Rear Safety Valve	Rear; Includes items 5, 8 and 9; Use with JA-09931 Safety Bar Assembly
1	JC-30879	Female Compression Connector	
2	JA-54042	Check Valve	
3	JC-70614	Pipe Tee	
4	J1151661	Compression Connector	
5	JA-53893	Bleeder Valve	2-way
6	JC-28247	Pipe Elbow	
7	J1232313	Pipe Nipple	
8	JA-52314	Male Compression Tee	
9	JC-28247	Pipe Elbow	

Front Left Safety Bar Bracket Assembly

Models Starting March 1995

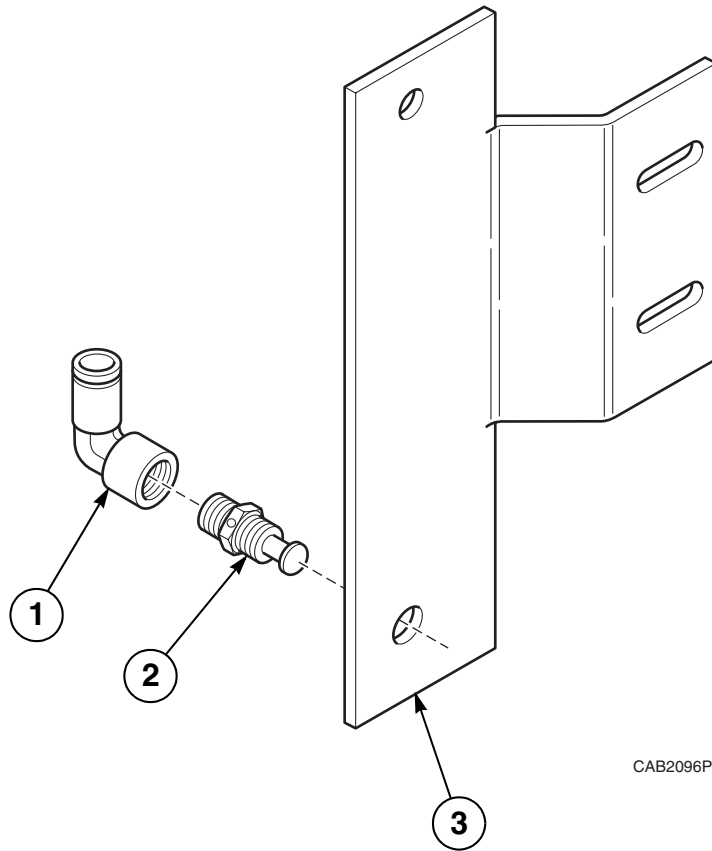


Front Left Safety Bar Bracket Assembly

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	

Front Safety Valve Assembly

Models Starting March 1995



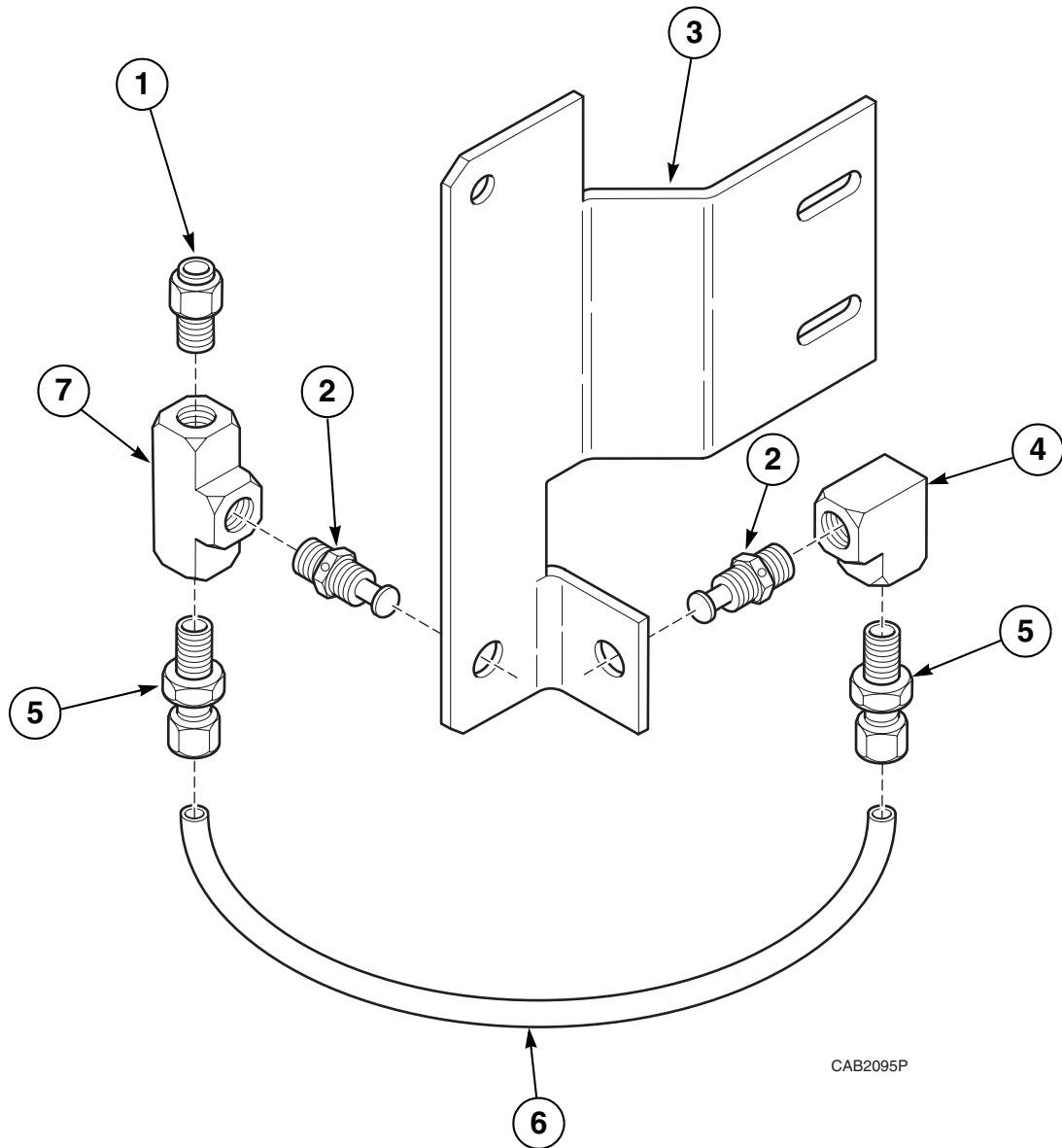
CAB2096P

Front Safety Valve Assembly

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

Rear Left Safety Bar Bracket Assembly

Models Starting March 1995

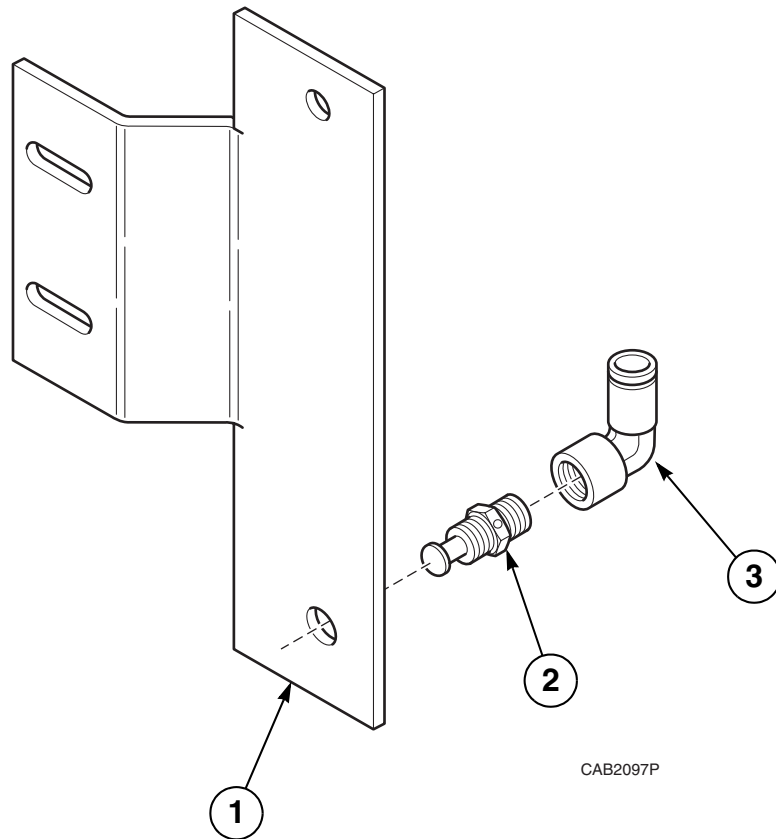


Rear Left Safety Bar Bracket Assembly

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

Left Safety Valve Assembly

Models Starting March 1995

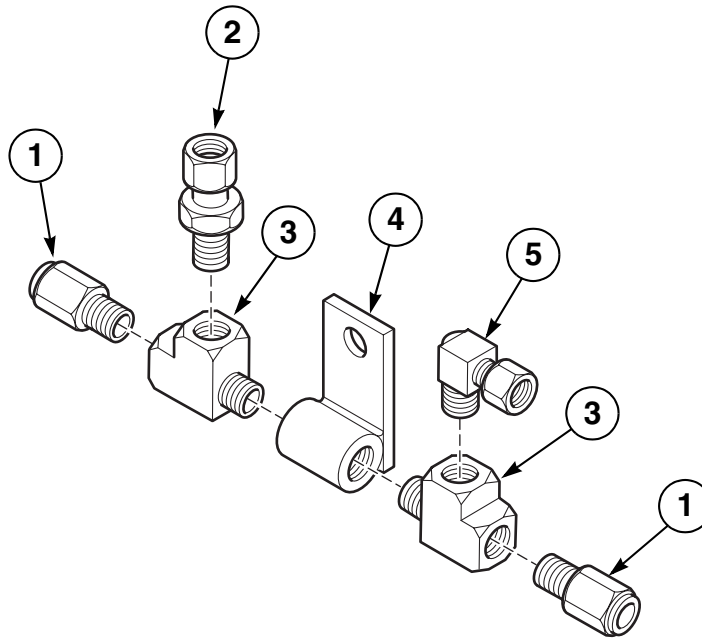


Left Safety Valve Assembly

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

Bracket and Fittings Assembly

Models Starting March 1995

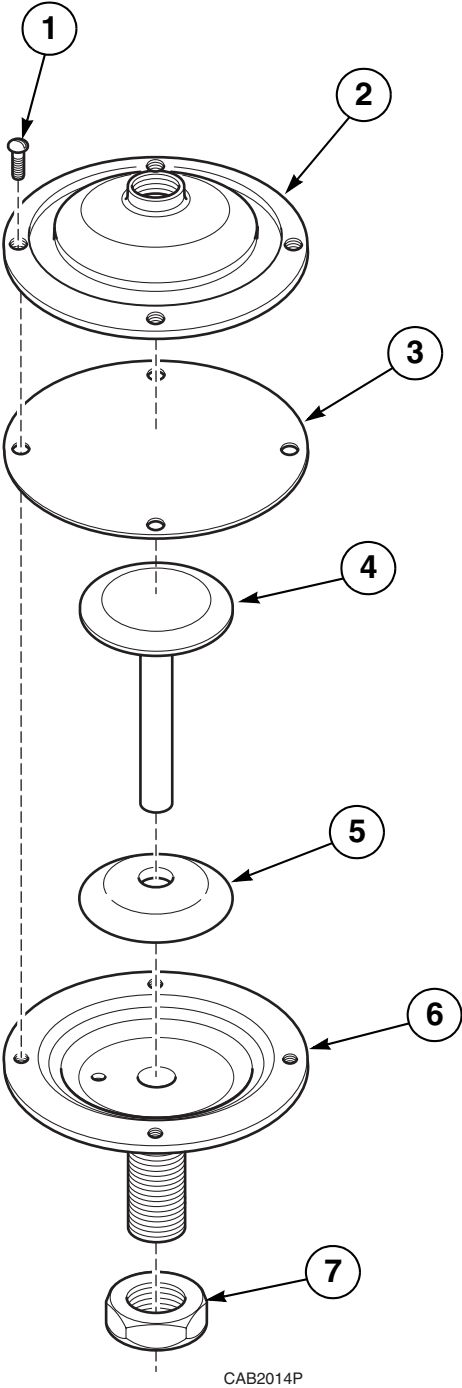


CAB2331P

Bracket and Fittings Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1523844	Bracket and Fittings Assembly	2 required; Includes items 1-5
1	F422101	Air Coupling	2 required
2	J1151661	Compression Connector	
3	JC-30541	Street Pipe Tee	2 required
4	J1523828	Bracket Weldment	
5	JA-50770	Male Compression Elbow	

Diaphragm Assembly



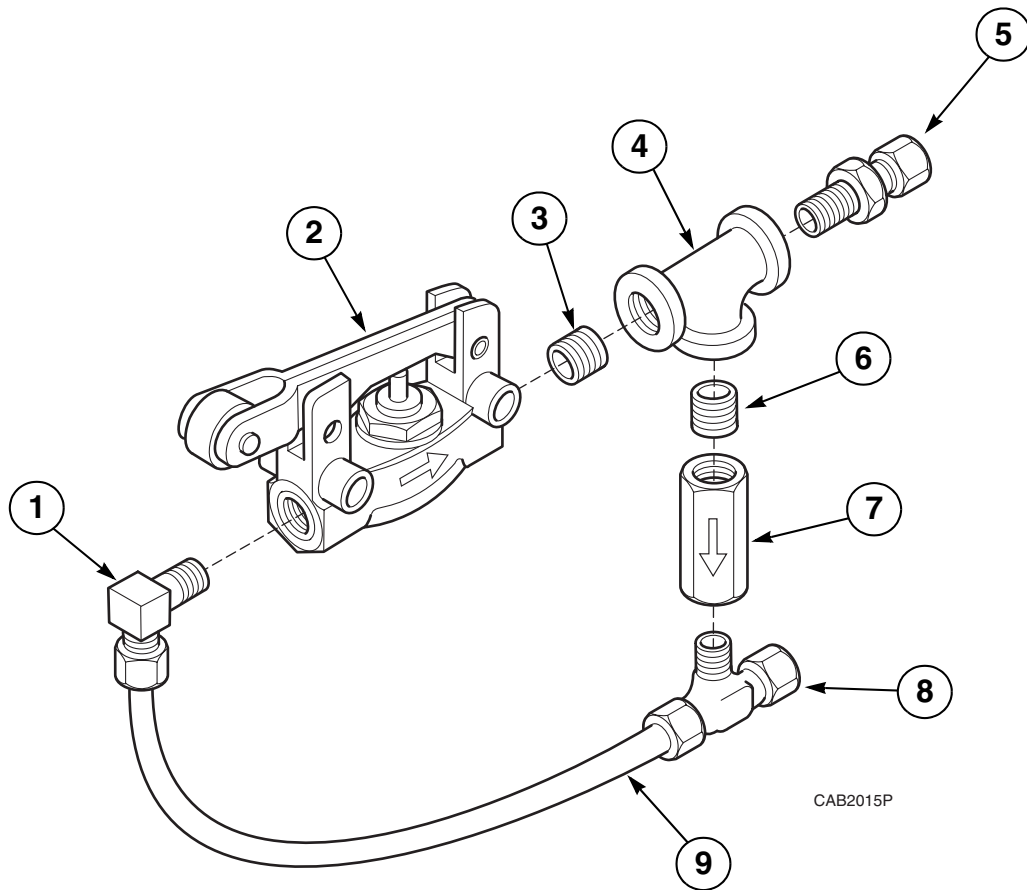
CAB2014P

Diaphragm Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	N/A	Diaphragm Assembly	Includes items 1-7; 2 required
1	J1187228	Screw	4 required
2	JA-10497	Small Cap	
3	JA-11596	Diaphragm	
4	N/A	Plunger Assembly	Includes item 5
5	N/A	Plunger Disc	
6	JA-00794	Small Diaphragm	
7	JC-48220	Nut	

N/A = Part no longer available

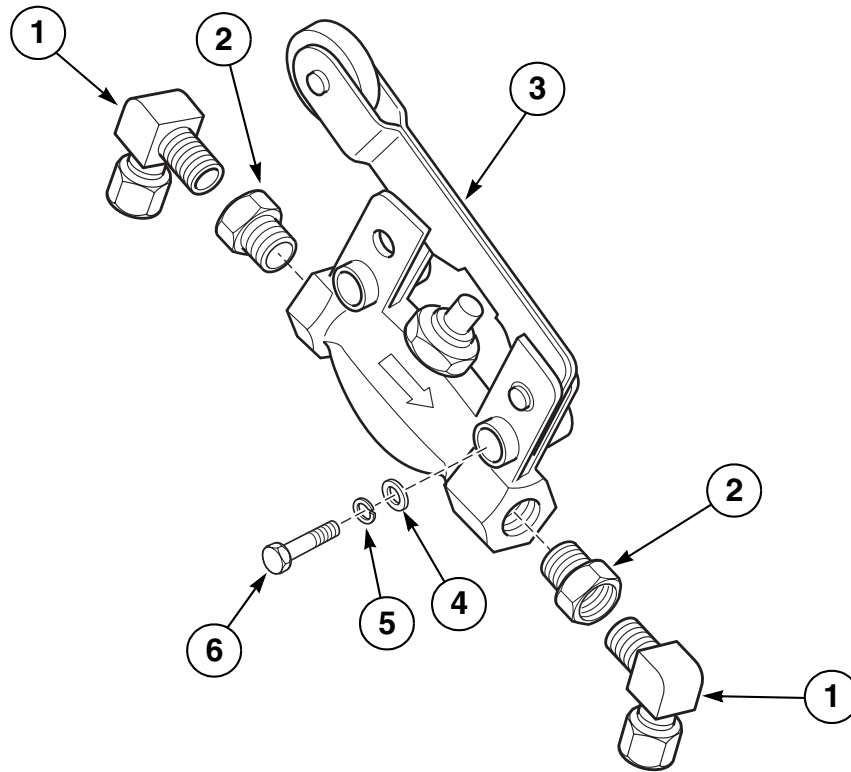
Roller and Check Valve Assembly



Roller and Check Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-80211	Roller and Check Valve Assembly	Includes items 1-9
1	J1151653	Compression Elbow	
2	JA-53891	2-Way Air Valve	2-way; JA-53939 Kit
3	J115175201	Pipe Nipple	Models through 1992
	J1019736	Nipple	Models starting 1992
4	JC-70616	Pipe Tee	
5	J1160761	Compression Connector	
6	J1232313	Pipe Nipple	
7	J1142512	Check Valve	
8	JA-50783	Tee	
9	J1113232	Tubing	Copper

Roller Valve



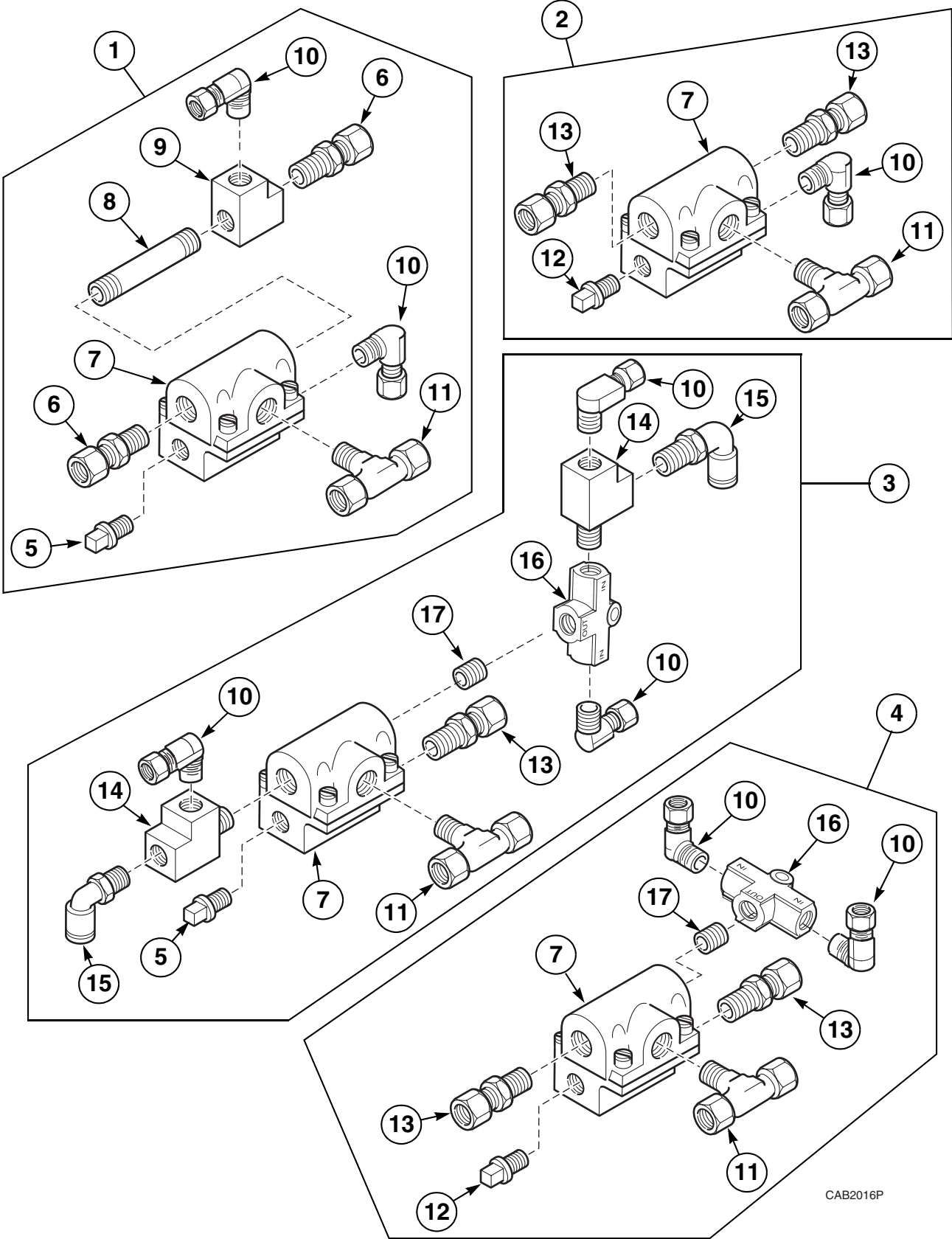
CAB2329P

Roller Valve

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09397	2-Way Roller	Includes items 1-3
1	JA-50770	Male Compression Elbow	2 required
2	JC-19609	Reducing Bushing	2 required
3	JA-53891	2-Way Air Valve	2-way; JA-53939 Kit
4	JC-80583	Washer	2 required
5	J1185073	Washer	2 required
6	JA-53020	Screw	2 required

Slide Valve Assemblies

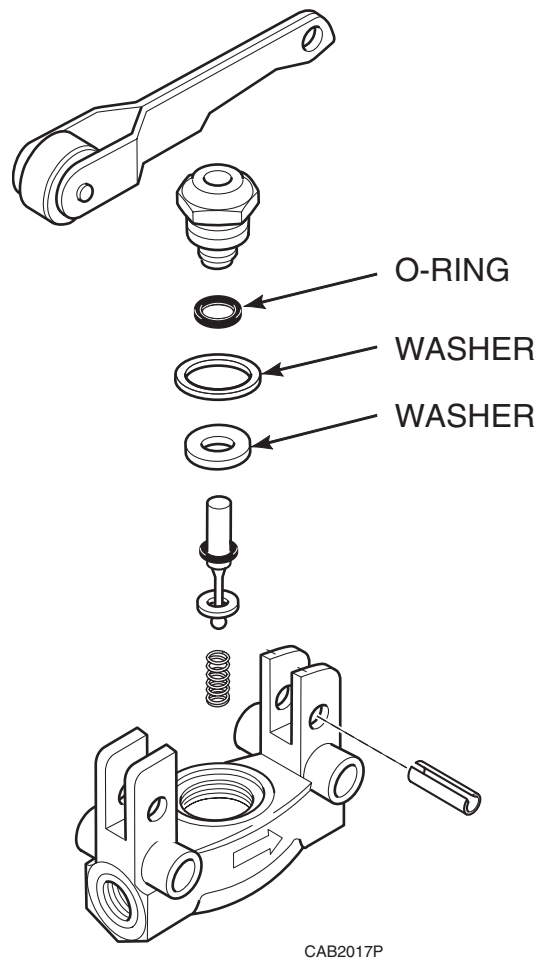
Used After 1986



Slide Valve Assemblies

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-54081	Valve Repair Kit	Use with item 3
1	J1515691	4-Way Slide Valve Assembly	ADFB models only made starting 1992; Includes items 5-11
2	JA-09404	Slide Valve Assembly	Includes items 7 and 10-13
3	J1479641	4-Way Slide Valve Assembly	ADFBCV and ACBBYCV models only starting 1992; Includes items 5, 7, 10, 11 and 13-17
4	JA-09405	Slide Valve Assembly	Includes items 7, 10-13 and 16-17
5	J1151794	Pipe Plug	
6	J1151661	Compression Connector	
7	JA-54059	Air Valve	4-way; JA-54081 Valve Repair Kit
8	JC-46083	Pipe Nipple	
9	JC-70613	Pipe Tee	
10	JA-50770	Male Compression Elbow	2 required for JA-09405 Slide Valve Assembly; 1 required for JA-09404 Slide Valve Assembly
11	JA-50782	Compression Tee	Models starting 1986 through 1992
	JC-30734	Male Compression Tee	Models starting 1992
12	J1151794	Pipe Plug	
13	J1151661	Compression Connector	2 required for each assembly
14	JC-30541	Street Pipe Tee	
15	J1407741	Swivel Tubing Elbow	
16	JA-53602	Shuttle Valve	
17	J1232313	Pipe Nipple	

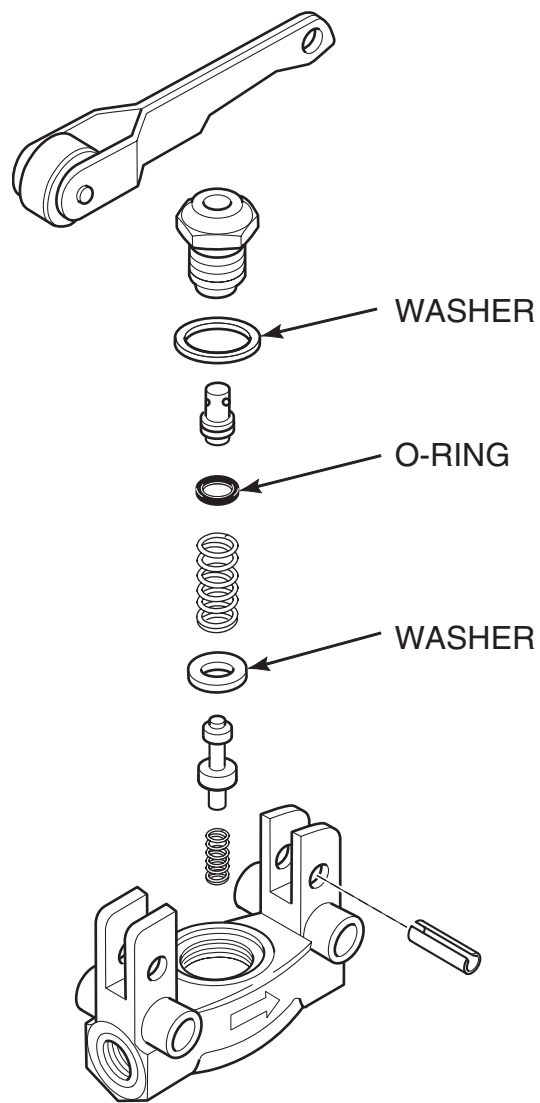
2-Way Valve



2-Way Valve

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-53891	2-Way Air Valve	6 required
	JA-53939	Kit	O-ring and 2 washers included in kit are the only available replacement parts

3-Way Air Roller Valve



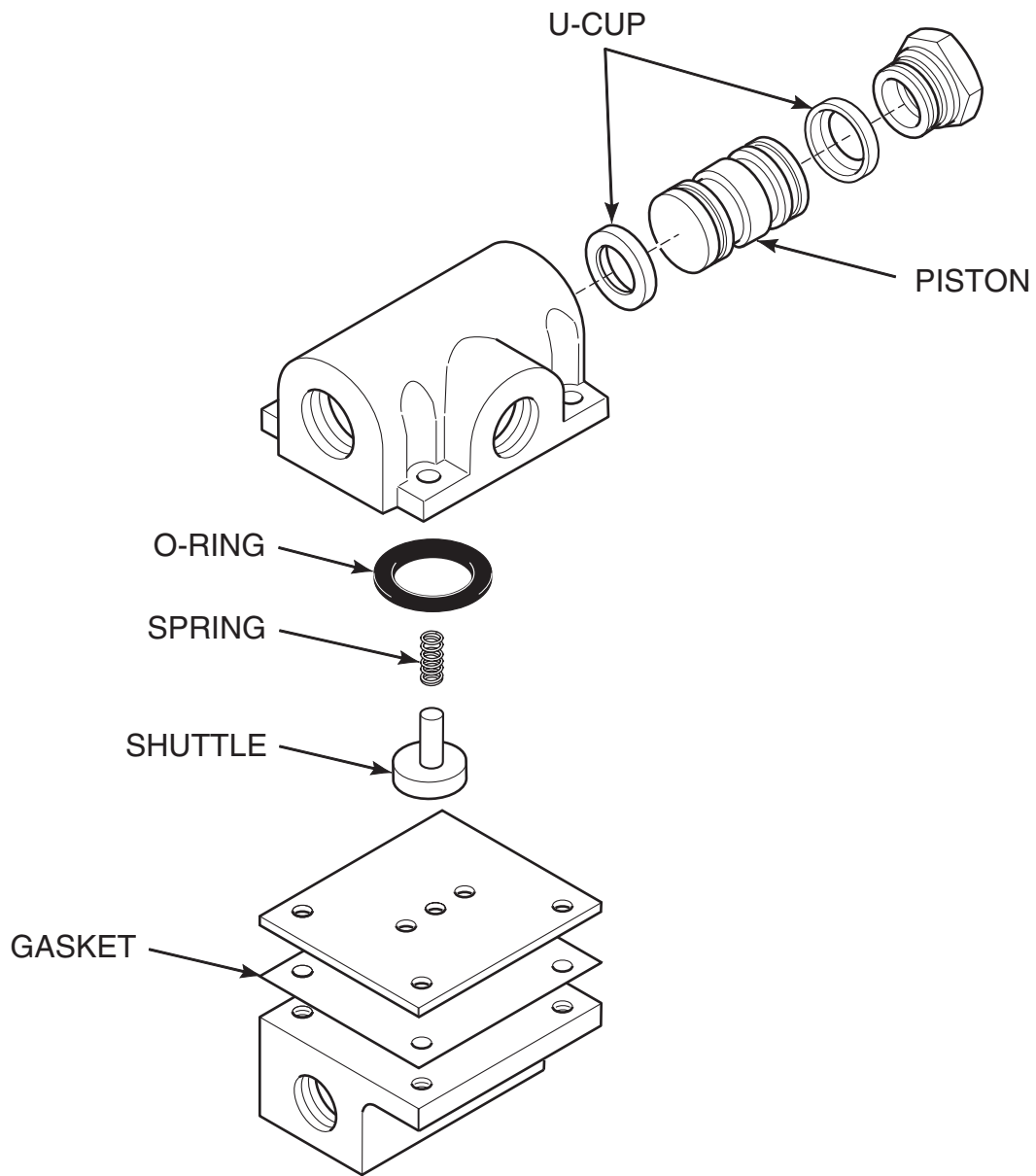
CAB2018P

3-Way Air Roller Valve

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-53892	3-Way Air Roller Valve	3 required
	JA-53939	Kit	O-ring and 2 washers included in kit are the only available replacement parts

Air Valve

Models Starting 1983



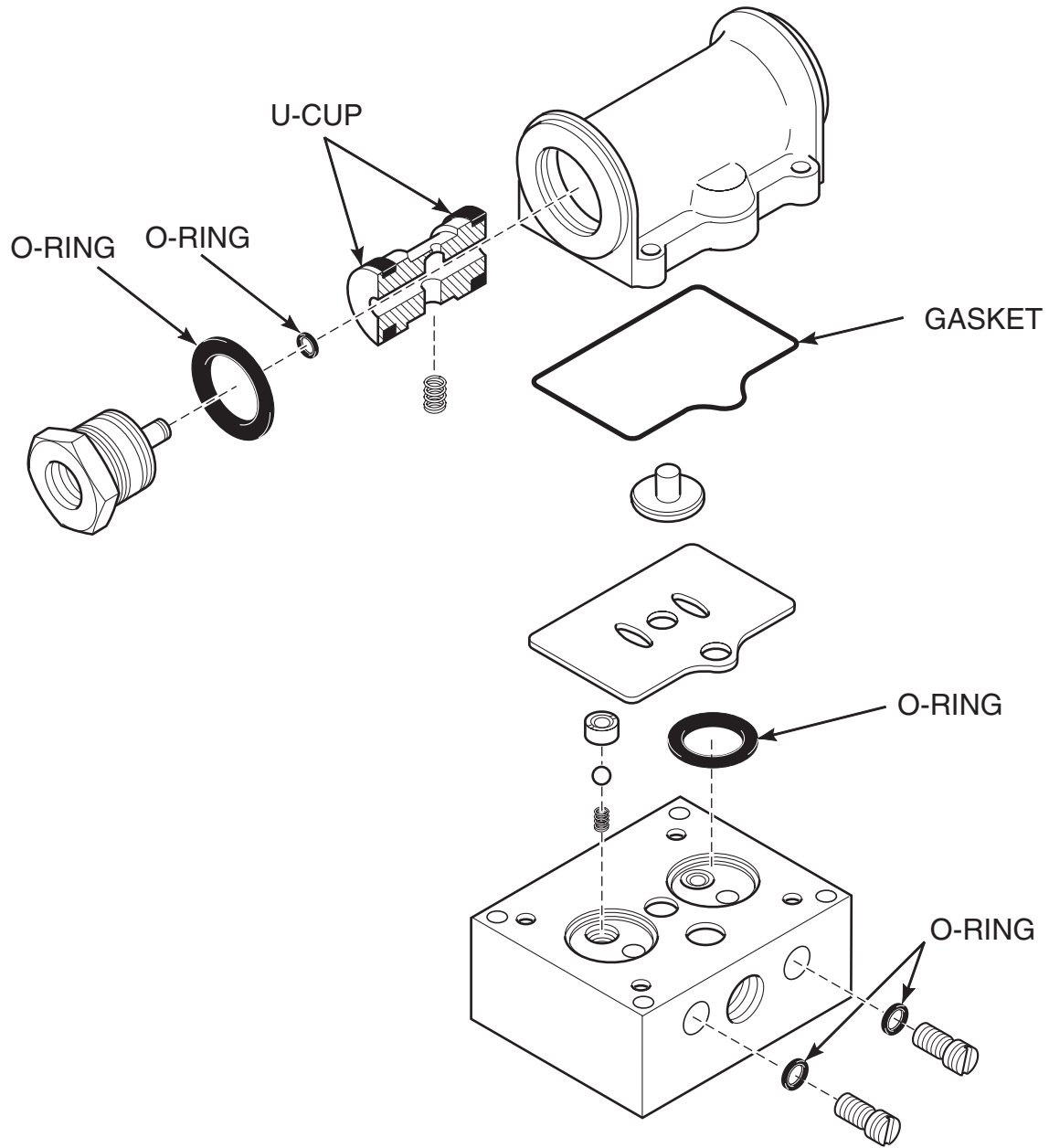
CAB2019P

Air Valve

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-54059	Air Valve	
	JA-54081	Valve Repair Kit	Piston, U-cup, O-ring, spring, shuttle and gasket included in kit are the only available replacement parts

4-Way Air Valve

Models Starting 1983



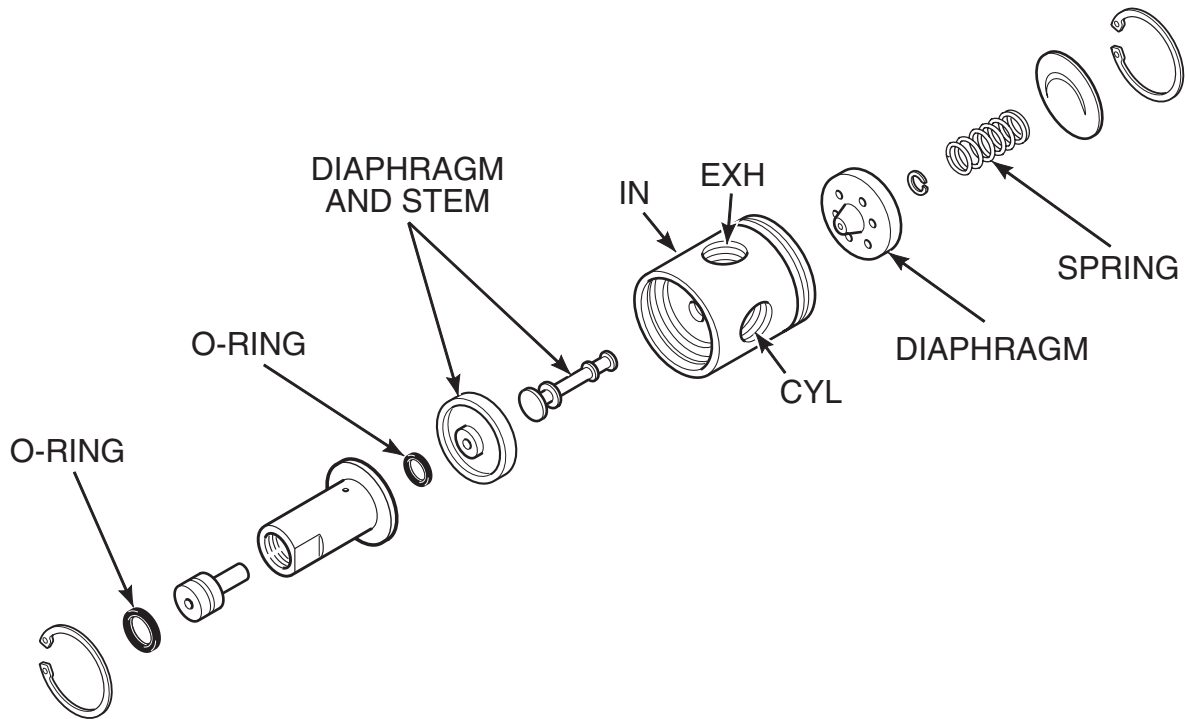
CAB2020P

4-Way Air Valve

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-53894	4-Way Air Valve	
	JA-09140	Valve Repair Kit	O-ring, U-cup and gasket included in kit are the only available replacement parts

3-Way Dump Valve (Drawing 1 of 2)

Models Starting 1983



CAB2021P

3-Way Dump Valve (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-54437	3-Way Dump Valve	NO
	JA-54070	Valve Kit	O-rings, diaphragm and stem, diaphragm and spring included in kit are the only available replacement parts

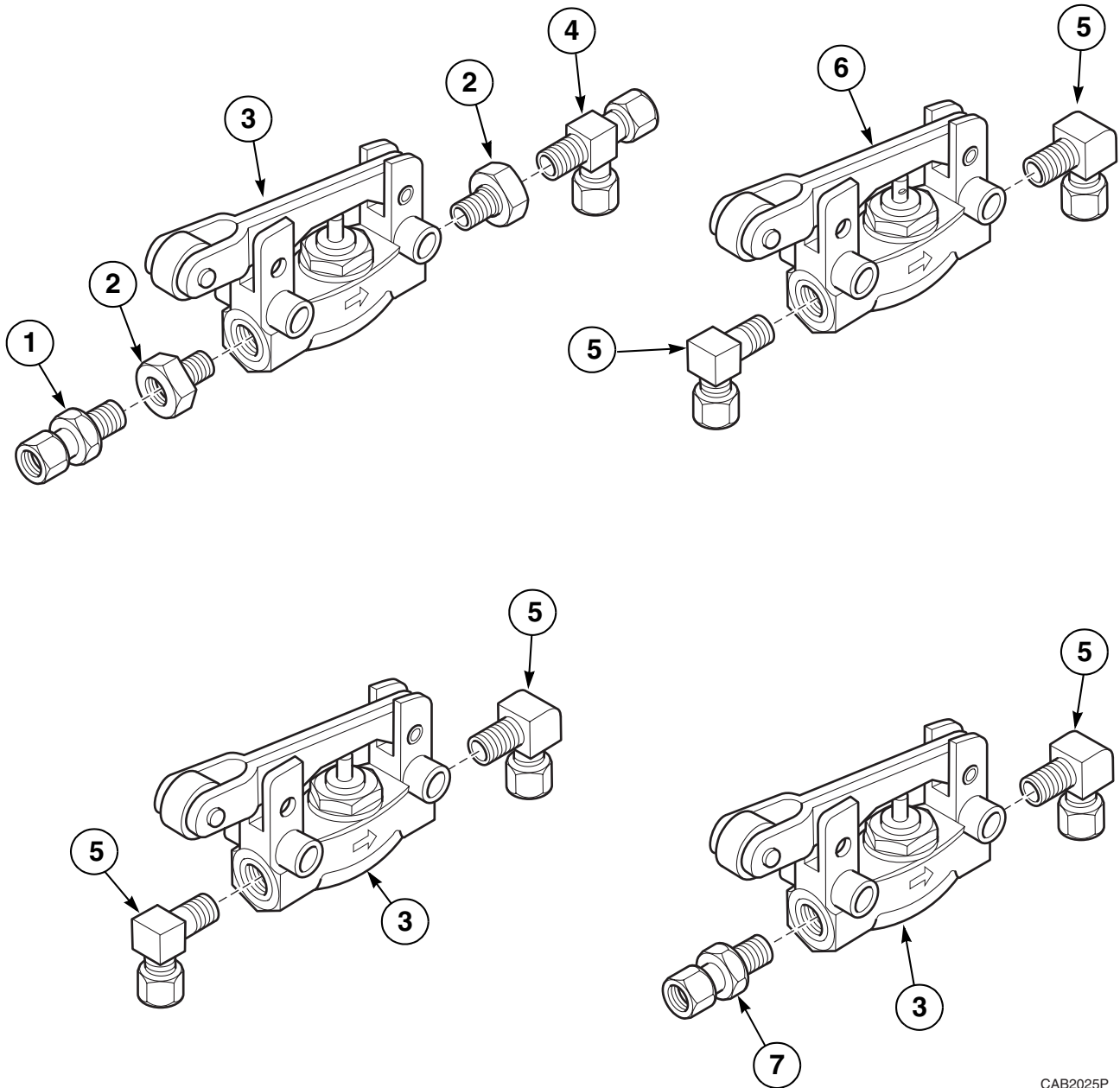
Models Starting 1983



3-Way Dump Valve (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-53550	3-Way Dump Valve	NC; 2 required
	JA-54069	Valve Kit	Diaphragm, spring, diaphragm and stem included in kit are the only available replacement parts

Valve Assemblies



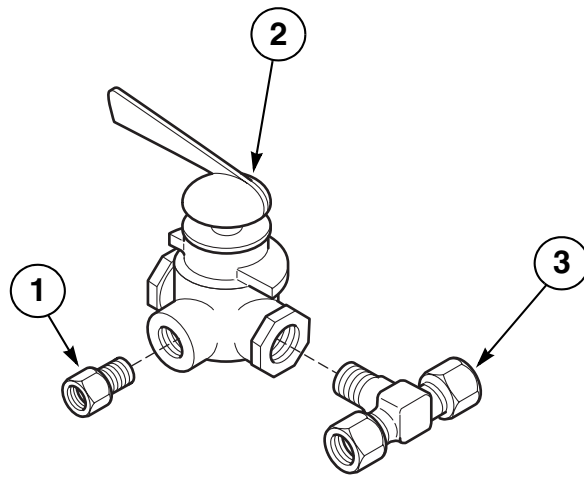
CAB2025P

Valve Assemblies

REF	PART NO.	DESCRIPTION	COMMENTS
	N/A	Head Control and Head Control Sustaining Valve Assembly	3-way; includes items 5 and 6
	N/A	Release and Reset Valve	Includes items 1-4; Head open
	JA-08995	1-Way Roller Valve	Includes items 3, 5 and 7
	N/A	Reset Interlock Valve Assembly	Includes item 3 and 5
	J1185073	Washer	2 required; Used to mount items 2 and 7
	JC-80583	Washer	2 required; Used to mount items 2 and 7
	JA-53020	Screw	2 required; Used to mount items 2 and 7
1	J1151661	Compression Connector	
2	JC-19609	Reducing Bushing	2 required
3	JA-53891	2-Way Air Valve	
4	JA-52314	Male Compression Tee	
5	J1151653	Compression Elbow	
6	JA-53892	3-Way Air Roller Valve	Refer to <i>3-Way Air Roller Valve</i> section for parts breakdown
7	J1160761	Compression Connector	

N/A = Part no longer available

Selector Valve Assembly for ADFB Models Only



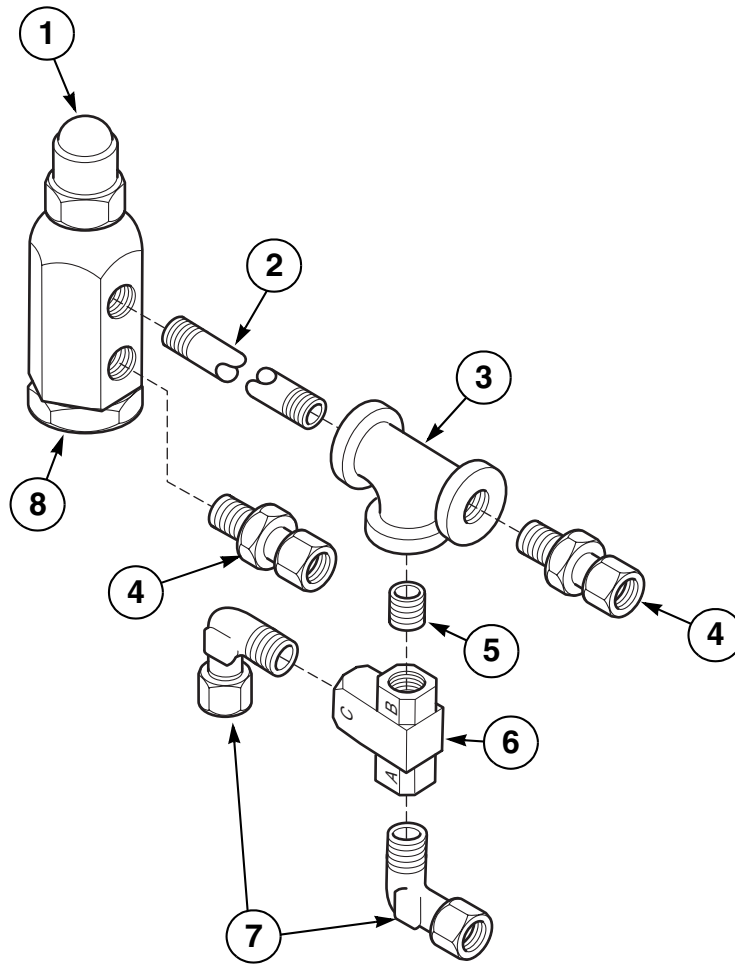
CAB2265P

Selector Valve Assembly for ADFB Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09393	Selector Valve Assembly	Includes items 1-3
	J1398197	3-Way Valve Bracket	
	J1185073	Washer	
	20275	Nut	
	J1001726	Screw	
1	J1151661	Compression Connector	
2	J1398767	Shut-Off Valve	3-way
3	JC-30734	Male Compression Tee	

Reset and Shuttle Valve for ADFB Models Only

Models Through 1992



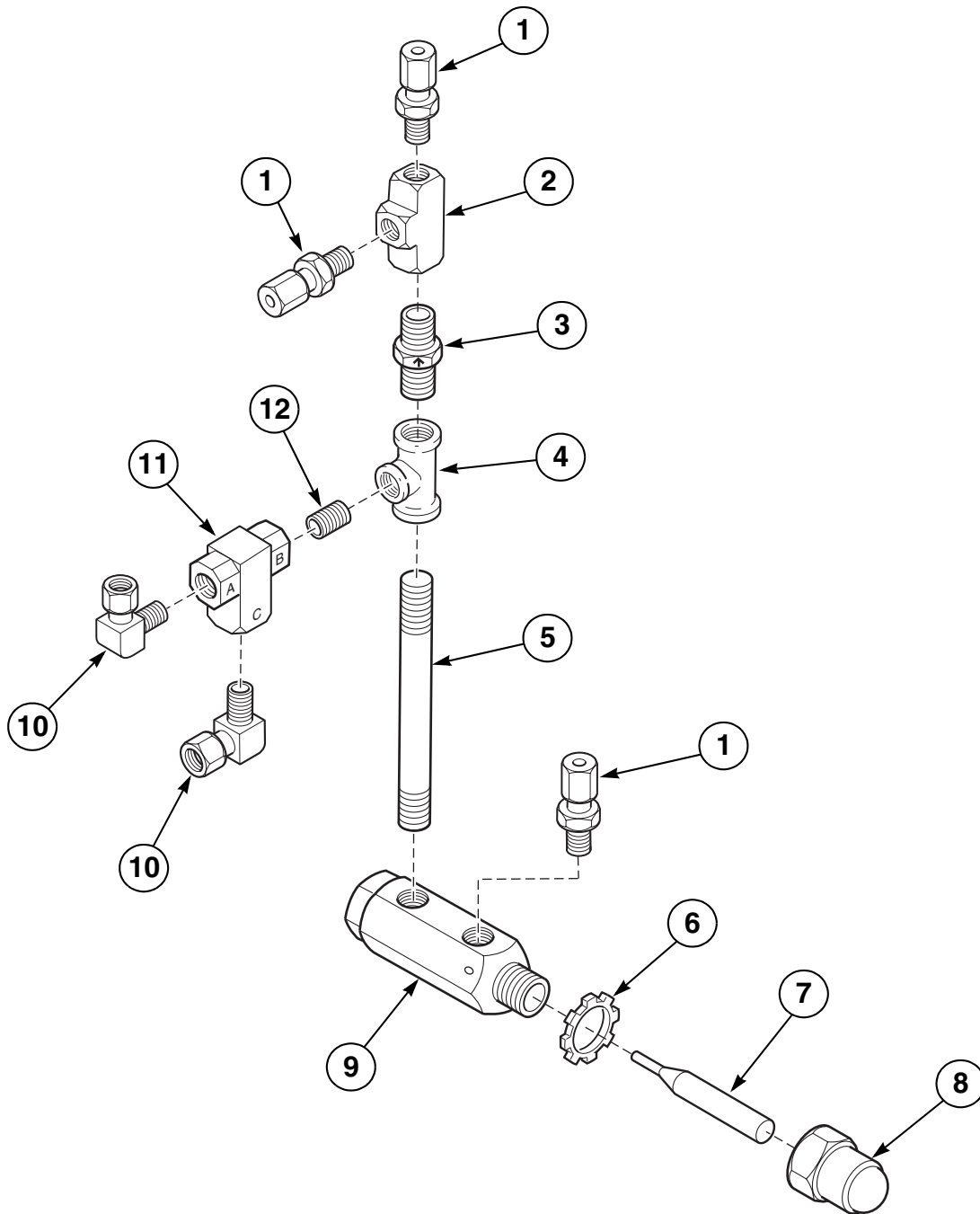
CAB2023P

Reset and Shuttle Valve Assembly for ADFB Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09392	Reset and Shuttle Valve	Includes items 1-8
1	JA-00397	Pushbutton Assembly	
2	JC-46095	Pipe Nipple	
3	JC-70614	Pipe Tee	
4	J1151661	Compression Connector	2 required
5	J1232313	Pipe Nipple	
6	JA-53602	Shuttle Valve	
7	JA-50770	Male Compression Elbow	2 required
8	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown

Reset Valve Assembly for ADFB Models Only

Models Starting 1992



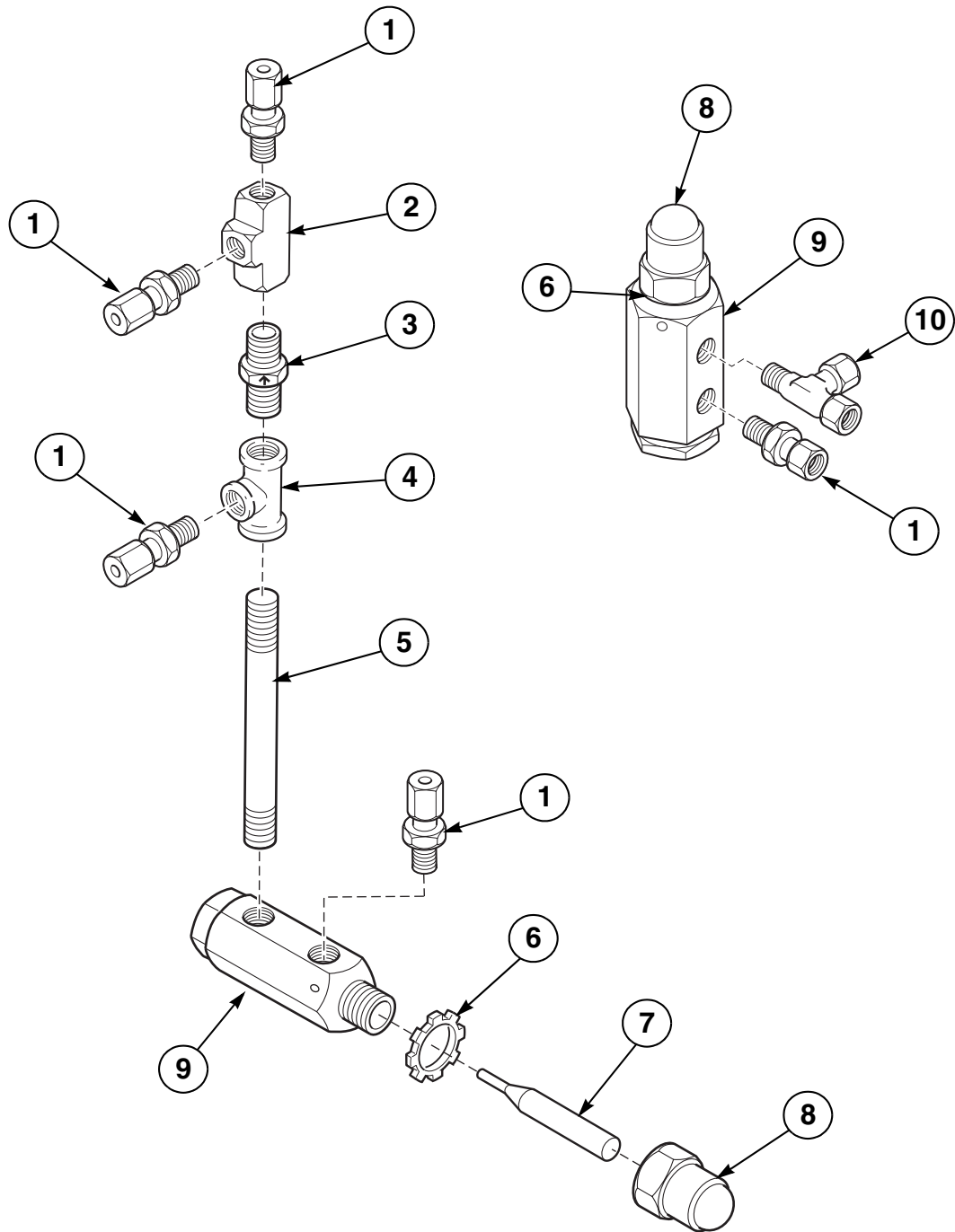
CAB2243P

Reset Valve Assembly for ADFB Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	J1573005	Reset Valve Assembly	Includes items 1-12
1	J1151661	Compression Connector	3 required
2	JC-70613	Pipe Tee	
3	JA-54042	Check Valve	
4	JC-70614	Pipe Tee	
5	JC-46095	Pipe Nipple	
6	JA-52196	Washer	
7	J1611417	Valve Stem Assembly	
8	JA-00397	Pushbutton Assembly	
9	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown
10	JA-50770	Male Compression Elbow	2 required
11	JA-53602	Shuttle Valve	
12	J1232313	Pipe Nipple	

Reset Valve Assembly for ACBBY Models Only

Models Starting 1992



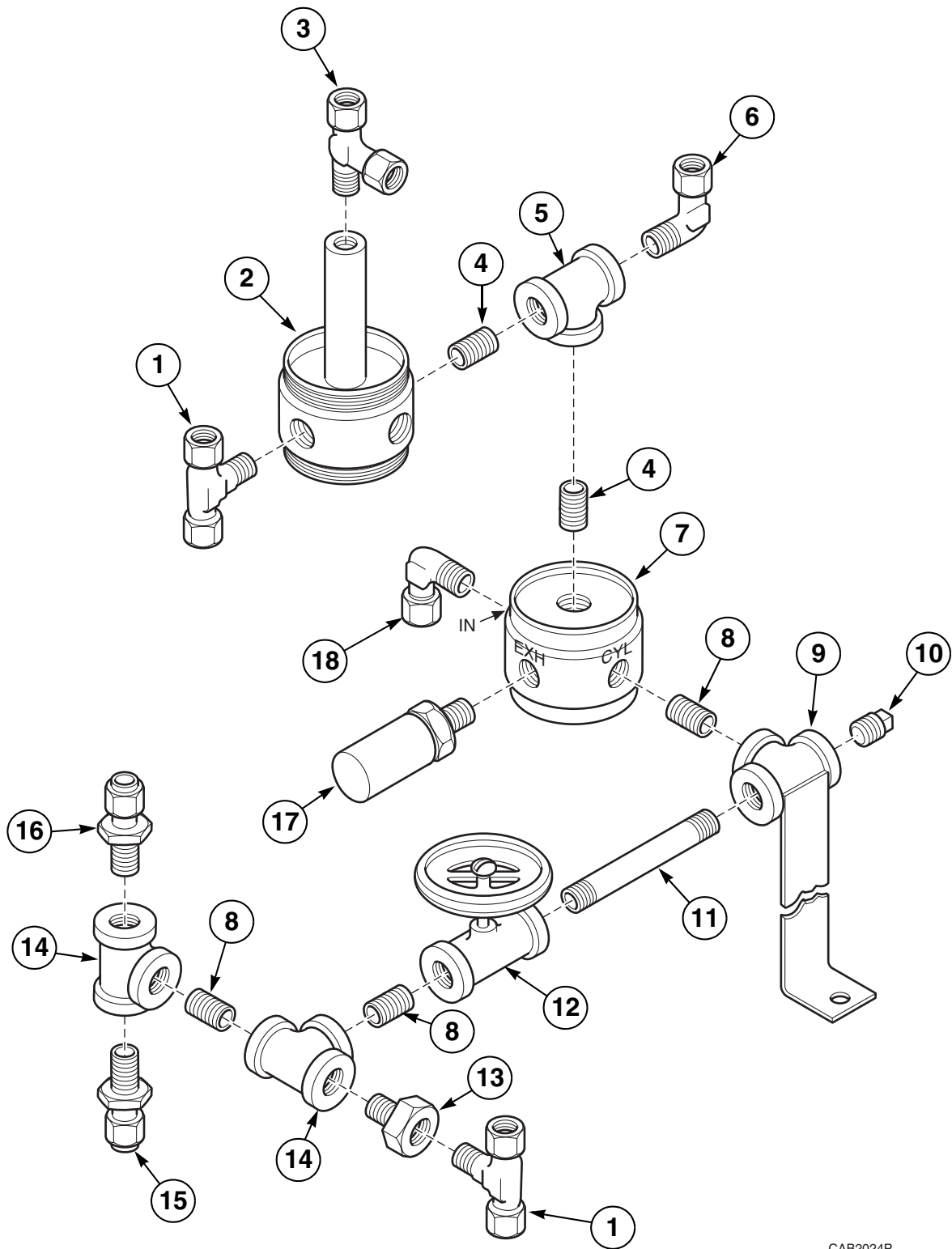
CAB2460P

Reset Valve Assembly for ACBBY Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	J1573013	Reset Valve Assembly	Includes items 1-9
	JA-09569	Reset and Loader Valve	Includes items 1, 6 and 8-10
1	J1151661	Compression Connector	4 required
2	JC-70613	Pipe Tee	
3	JA-54042	Check Valve	
4	JC-70614	Pipe Tee	
5	JC-46095	Pipe Nipple	
6	JA-52196	Washer	
7	J1611417	Valve Stem Assembly	
8	JA-00397	Pushbutton Assembly	
9	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown
10	JA-52314	Male Compression Tee	

Heads On and Off Control Group

Models Starting 1986



CAB2024P

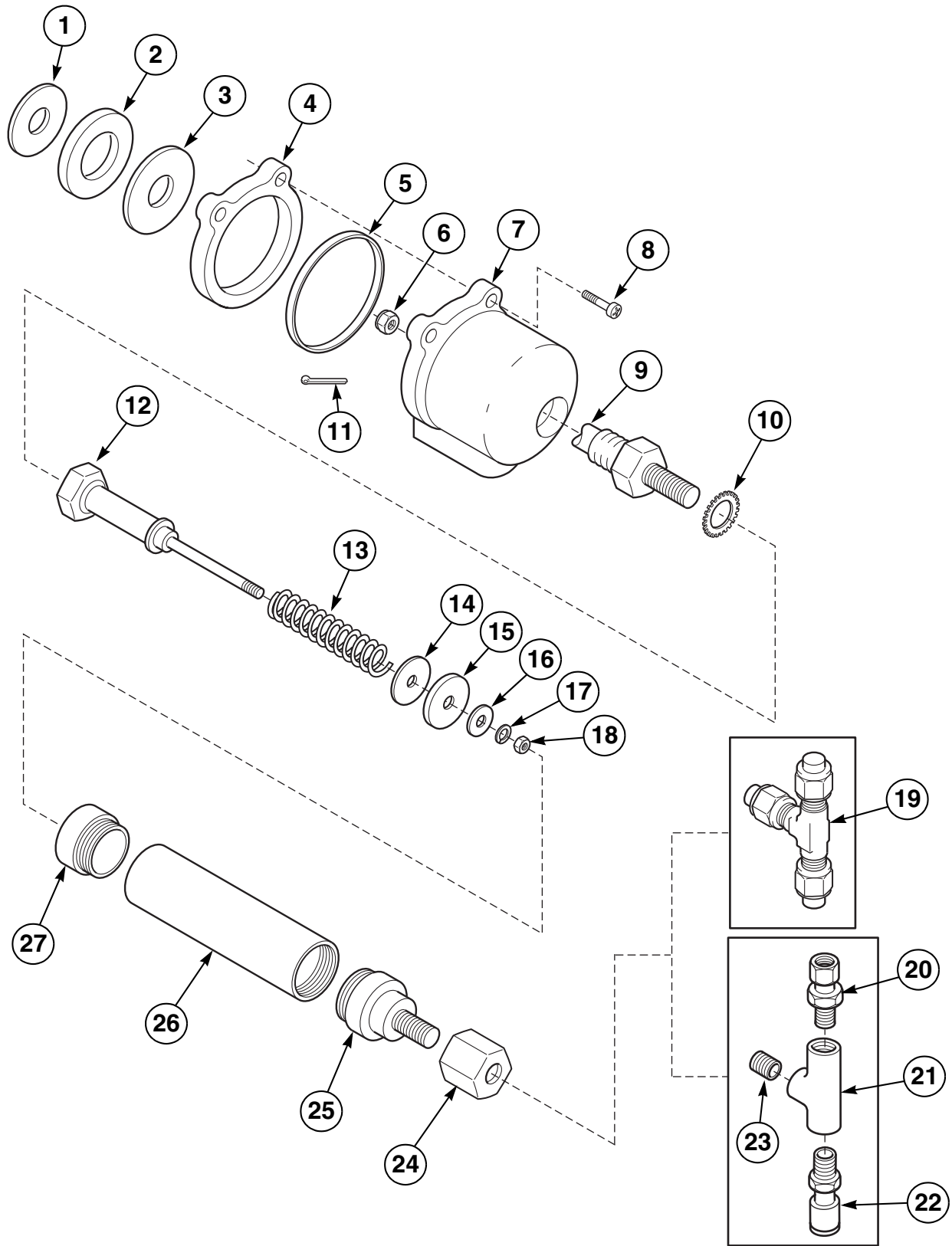
Heads On and Off Control Group

REF	PART NO.	DESCRIPTION	COMMENTS
	N/A	Heads On and Off Control Group	Includes items 1-18
1	JC-30734	Male Compression Tee	2 required
2	JA-54437	3-Way Dump Valve	
3	JA-52314	Male Compression Tee	
4	J1232313	Pipe Nipple	2 required
5	N/A	Tee	
6	JA-50770	Male Compression Elbow	
7	JA-53550	3-Way Dump Valve	
8	J115175201	Pipe Nipple	3 required
9	JA-09430	Valve Assembly	
10	J1161413	Pipe Plug	
11	JC-46133	Pipe Nipple	
12	N/A	Needle Valve	
13	JC-19609	Reducing Bushing	
14	J1018415	Pipe Tee	2 required
15	J1151646	Male Compression Connector	
16	J1160761	Compression Connector	
17	JA-53584	Air Muffler	
18	J1151620	Compression Elbow	

N/A = Part no longer available

Low Pressure Valve Assembly

Models Starting 1986



CAB2043P

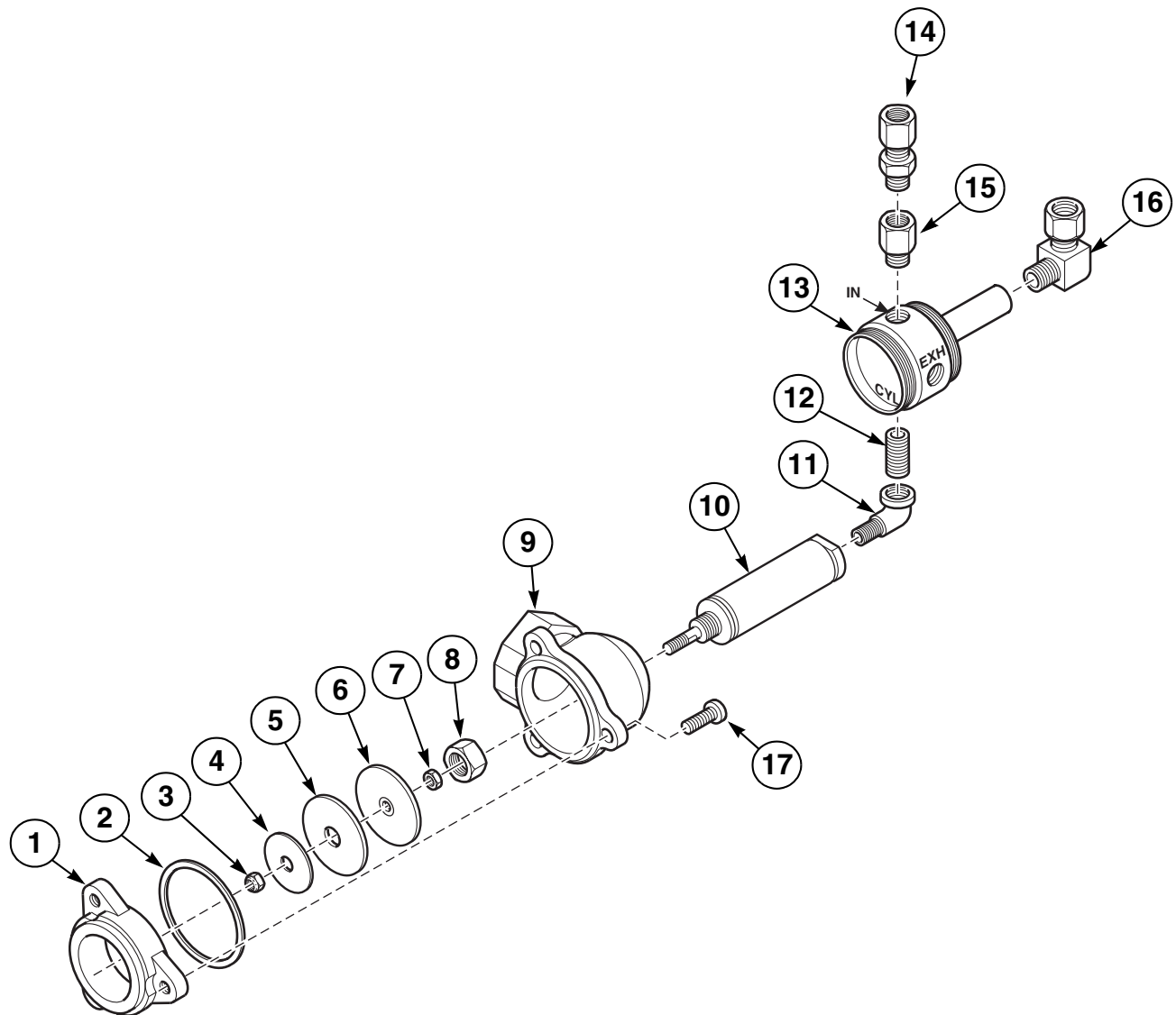
Low Pressure Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1370667	Low Pressure Valve Assembly	Includes items 1-27
1	N/A	Washer	
2	JA-50575	Valve Disk	
3	JA-50573	Washer	
4	JA-50577	Cover	
5	JA-50578	Gasket	
6	JA-51702	Nut	
7	JA-18773	Low Pressure Valve Body	
8	JA-50055	Screw	3 required
9	N/A	Piston Rod	Order JA-05648 Low Pressure Valve Assembly to replace
10	JA-53985	Washer	
11	JA-50491	Cotter Pin	
12	M400022	Nut	2 required
13	JA-55165	Compression Spring	
14	JA-11051	Piston Plate	
15	JA-11053	Piston Cup Seal	
16	JA-11050	Piston Plate	
17	J1000975	Washer	
18	J1000736	Nut	
19	JC-30734	Male Compression Tee	Models starting 1986 through 1992
20	J1151661	Compression Connector	Models starting 1992
21	JC-70613	Pipe Tee	Models starting 1992
22	F422101	Air Coupling	Models starting 1992
23	J1232313	Pipe Nipple	Models starting 1992
24	JA-19559	Closing Speed Orifice	
25	JA-15699	Lower Head	
26	JA-18776	Cylinder	
27	N/A	Upper Head	

N/A = Part no longer available

Low Pressure Valve Assembly for ADFBCV Models Only

Models Starting 1992

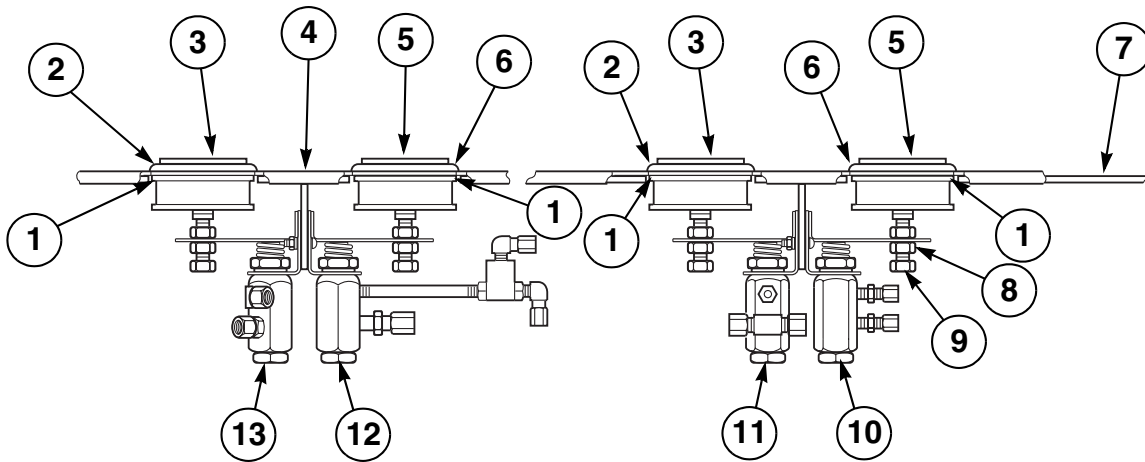


CAB2328P

Low Pressure Valve Assembly for ADFBCV Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	J1515709	Low Pressure Valve Assembly	Includes items 1-17
1	JA-50577	Cover	
2	JA-50578	Gasket	
3	J1391515	Nut	
4	J1359892	Washer	Small
5	J1359884	Seal	
6	J1359876	Washer	Large
7	JC-48289	Nut	
8	JC-48312	Nut	
9	J1383116	Valve Body	
10	J1390806	Air Cylinder	
11	JC-28235	Street Pipe Elbow	
12	J1232313	Pipe Nipple	
13	JA-54437	3-Way Dump Valve	
14	J1151661	Compression Connector	
15	JA-19559	Closing Speed Orifice	
16	JA-50770	Male Compression Elbow	
17	JA-50055	Screw	3 required

Pushbutton Console for ADFB Models Only

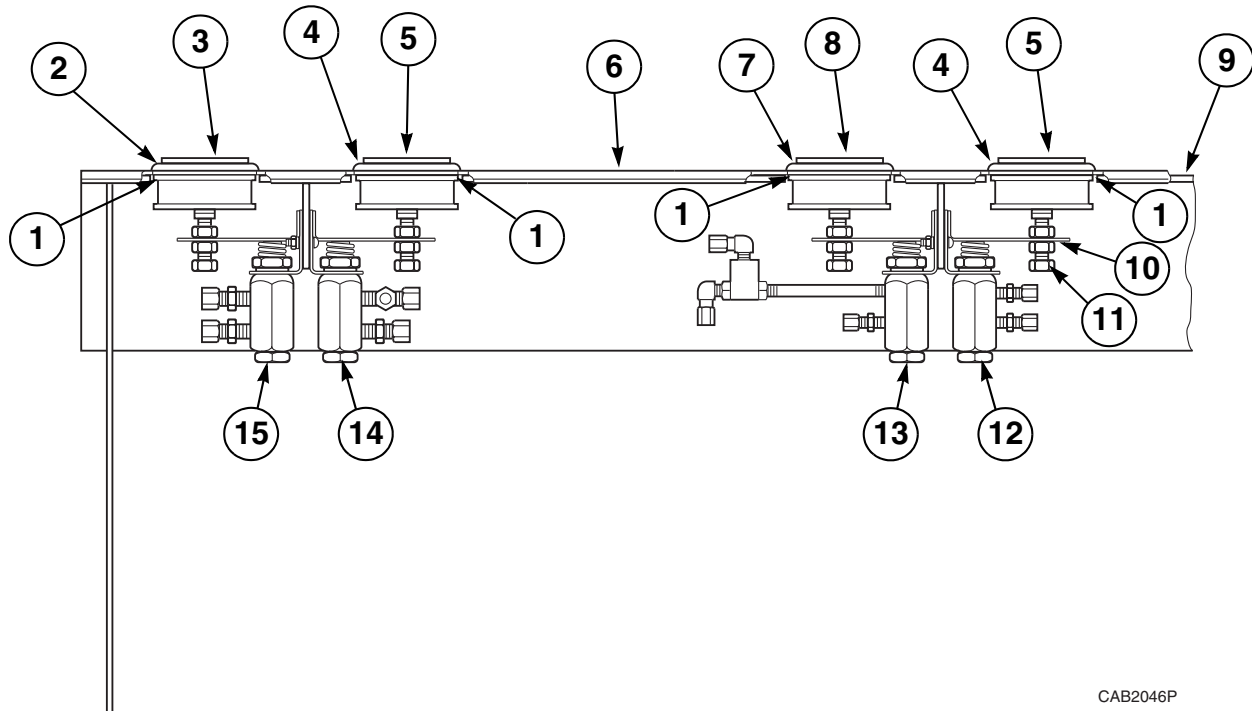


CAB2045P

Pushbutton Console for ADFB Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09374	Pushbutton Console	Includes item 1-13
	J1083641	Screw	4 required; Used with valve assemblies through 1992
	JC-61269	Screw	4 required; Used with valve assemblies starting 1992
	J1000736	Nut	4 required
	J1000975	Washer	4 required
	JC-80759	Washer	8 required; Used with valve assemblies starting 1992
	JA-50998	Screw	2 required; Used with JA-23315 Pushbutton Cover through 1992
	J1111095	Screw	2 required; Used with JA-23315 Pushbutton Cover starting 1992
1	JA-17705	Lock Ring	4 required
2	J1591320	Grommet	Red; 3 required through 1992
3	JA-04665	Pushbutton	Red; 3 required through 1992
4	JA-23315	Pushbutton Cover	
5	JA-04664	Pushbutton Assembly	Green; Models through 1992
	J1538958	Pushbutton Assembly	Gray; 3 required; Models starting 1992
6	J1591361	Grommet	Green; Models through 1992
	J1591304	Grommet	Gray; 3 required; Models starting 1992
7	JA-09204	Control Console Weldment	
8	70142	Nut	8 required
9	JC-62724	Screw	4 required; Models through 1992
	JA-50134	Screw	4 required; Models starting 1992
	M400013	Washer	4 required; Models starting 1992
10	JA-09320	Pushbutton Valve	Models through 1992; Refer to <i>Pushbutton Valve</i> section for parts breakdown
	J1516442	Pushbutton Valve Assembly	Models starting 1992; Refer to <i>Pushbutton Valve Assembly</i> section for parts breakdown
11	JA-09373	Valve and Bracket Assembly	Refer to <i>Valve and Bracket Assembly</i> section for parts breakdown
12	JA-09372	Valve and Shuttle Assembly	Refer to <i>Valve and Shuttle Assembly</i> section for parts breakdown
13	JA-09683	Valve and Bracket Assembly	Refer to <i>Valve and Bracket Assembly</i> section for parts breakdown

Pushbutton Console for ACBBY Models Only



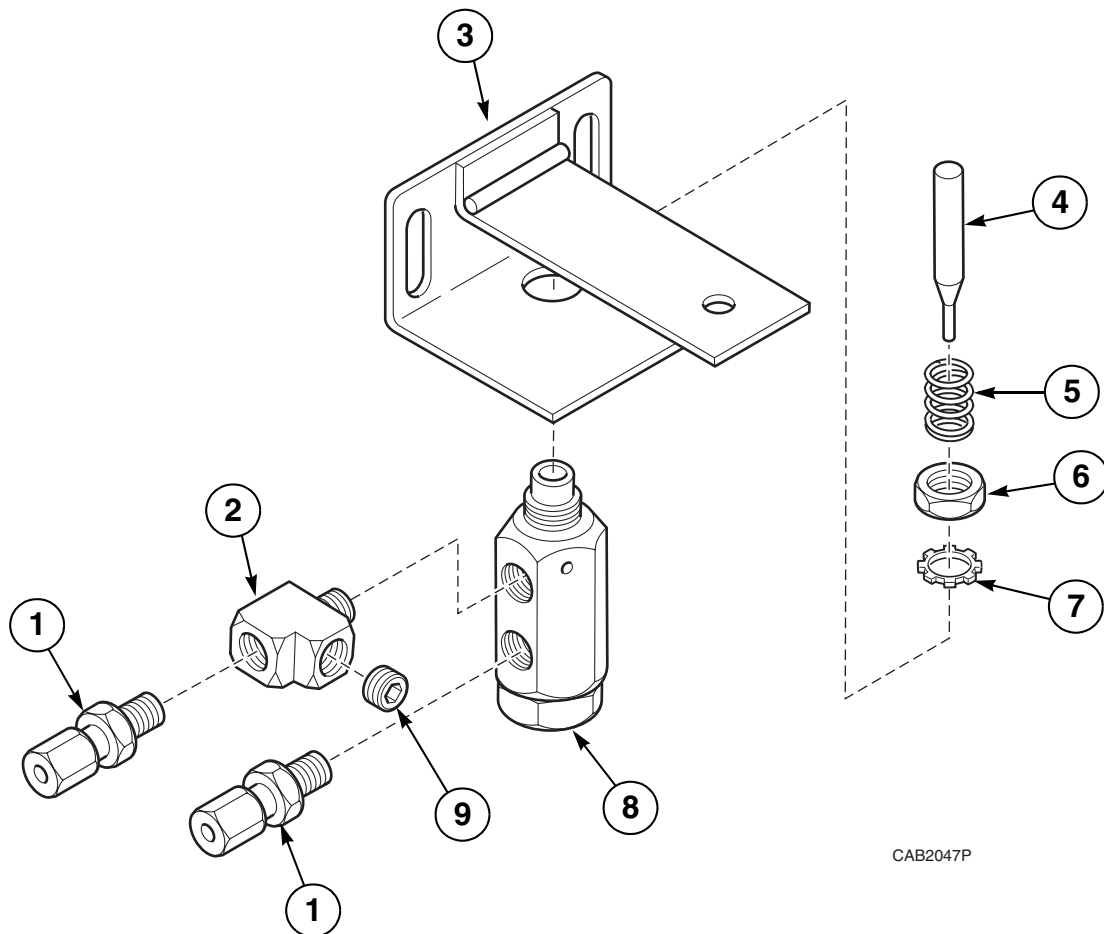
CAB2046P

Pushbutton Console for ACBBY Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09565	Pushbutton Console	Includes items 1-15
	JA-50998	Screw	4 required; Used with JA-23315 Pushbutton Cover through 1992
	J1111095	Screw	4 required; Used with JA-23315 Pushbutton Cover starting 1992
	JC-61269	Screw	4 required; Used with valve assemblies
	J1000736	Nut	4 required; Used with valve assemblies
	J1000975	Washer	4 required; Used with valve assemblies
	JC-80759	Washer	4 required; Used with valve assemblies
1	JA-17705	Lock Ring	4 required
2	J1591361	Grommet	Green; Models through 1992
	J1591346	Grommet	Black; Models starting 1992
3	JA-04664	Pushbutton Assembly	Green; Models through 1992
	J1544048	Pushbutton Assembly	Black; Models starting 1992
4	J1591320	Grommet	Red; 2 required; Models through 1992
	J1591304	Grommet	Gray; 2 required; Models starting 1992
5	JA-04665	Pushbutton	Red; 2 required; Models through 1992
	J1538958	Pushbutton Assembly	Gray; 2 required; Models starting 1992
6	JA-23315	Pushbutton Cover	
7	J1591361	Grommet	Green; Models through 1992
	J1591320	Grommet	Red; Models starting 1992
8	JA-04664	Pushbutton Assembly	Green; Models through 1992
	JA-04665	Pushbutton	Red; Models starting 1992
9	JA-09204	Control Console Weldment	
10	70142	Nut	8 required
11	JC-62724	Screw	4 required; Models through 1992
	JA-50134	Screw	4 required; Models starting 1992
	M400013	Washer	4 required; Models starting 1992
12	JA-09320	Pushbutton Valve	Refer to <i>Pushbutton Valve</i> section for parts breakdown
13	JA-09372	Valve and Shuttle Assembly	Refer to <i>Valve and Shuttle Assembly</i> section for parts breakdown
14	JA-09566	Valve and Bracket Assembly	Refer to <i>Valve and Bracket Assembly</i> section for parts breakdown
15	JA-09320	Pushbutton Valve	Refer to <i>Pushbutton Valve</i> section for parts breakdown

Valve and Bracket Assembly for ACBBY Models Only

Models Starting 1992



CAB2047P

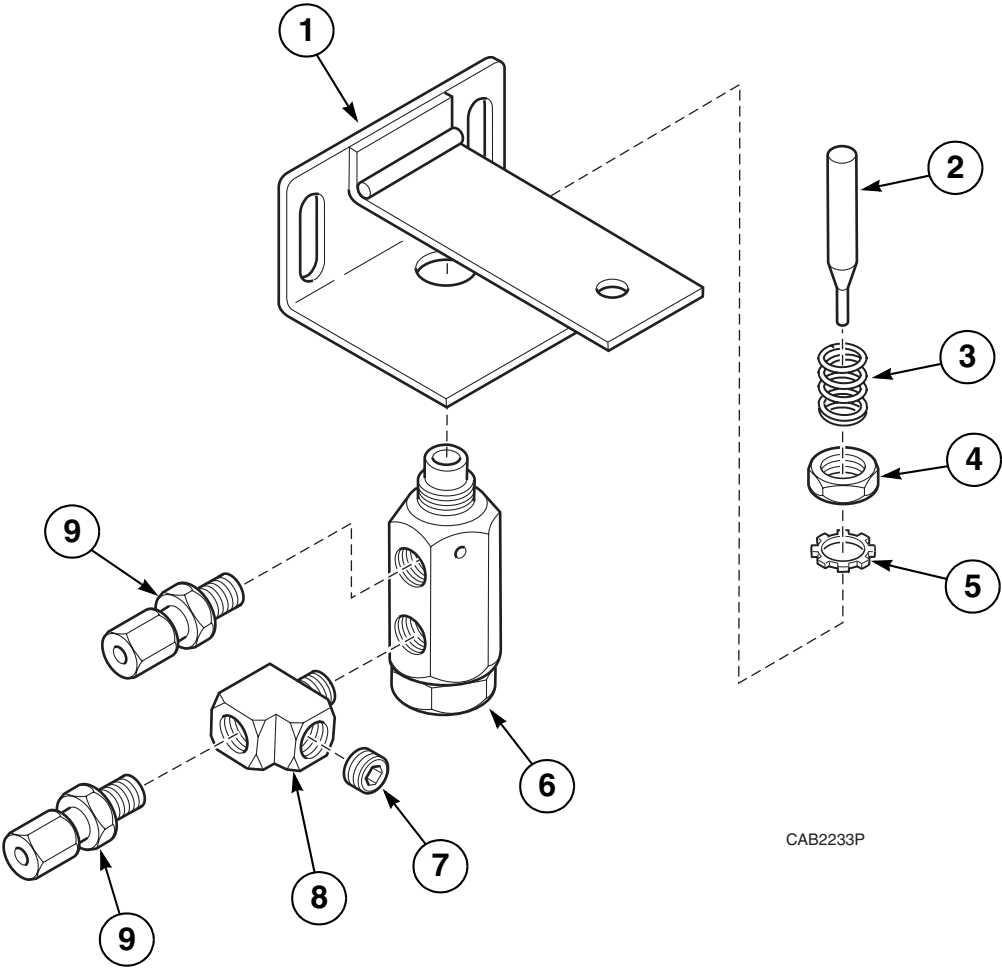
Valve and Bracket Assembly for ACBBY Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	N/A	Valve and Bracket Assembly	Includes items 1-9
1	J1151661	Compression Connector	2 required
2	JC-30541	Street Pipe Tee	
3	JA-00546	Bracket Assembly	
4	J1611417	Valve Stem Assembly	
5	JA-50447	Spring	
6	JA-12900	Nut	
7	JA-52196	Washer	
8	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown
9	J1039858	Pipe Plug	

N/A = Part no longer available

Pushbutton Valve Assembly for ADFB Models Only

Models Starting 1992

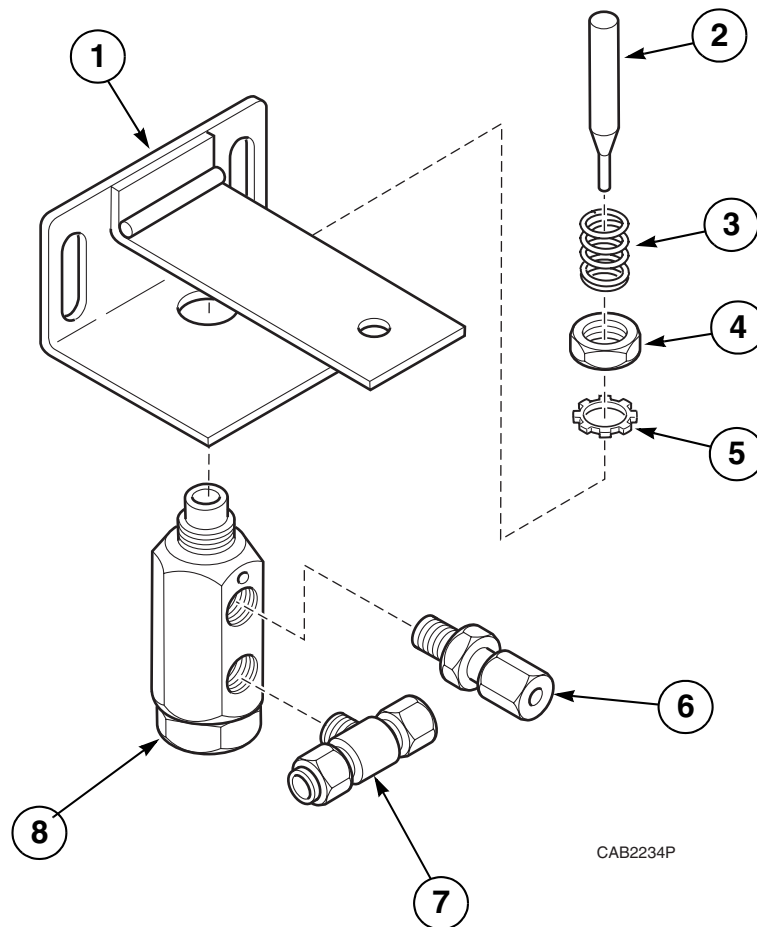


Pushbutton Valve Assembly for ADFB Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	J1516442	Pushbutton Valve Assembly	Includes items 1-9
1	JA-00546	Bracket Assembly	
2	J1611417	Valve Stem Assembly	
3	JA-50447	Spring	
4	JA-12900	Nut	
5	JA-52196	Washer	
6	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown
7	J1039858	Pipe Plug	
8	JC-30541	Street Pipe Tee	
9	J1151661	Compression Connector	2 required

Valve and Bracket Assembly for ADFB Models Only

Models Starting 1992

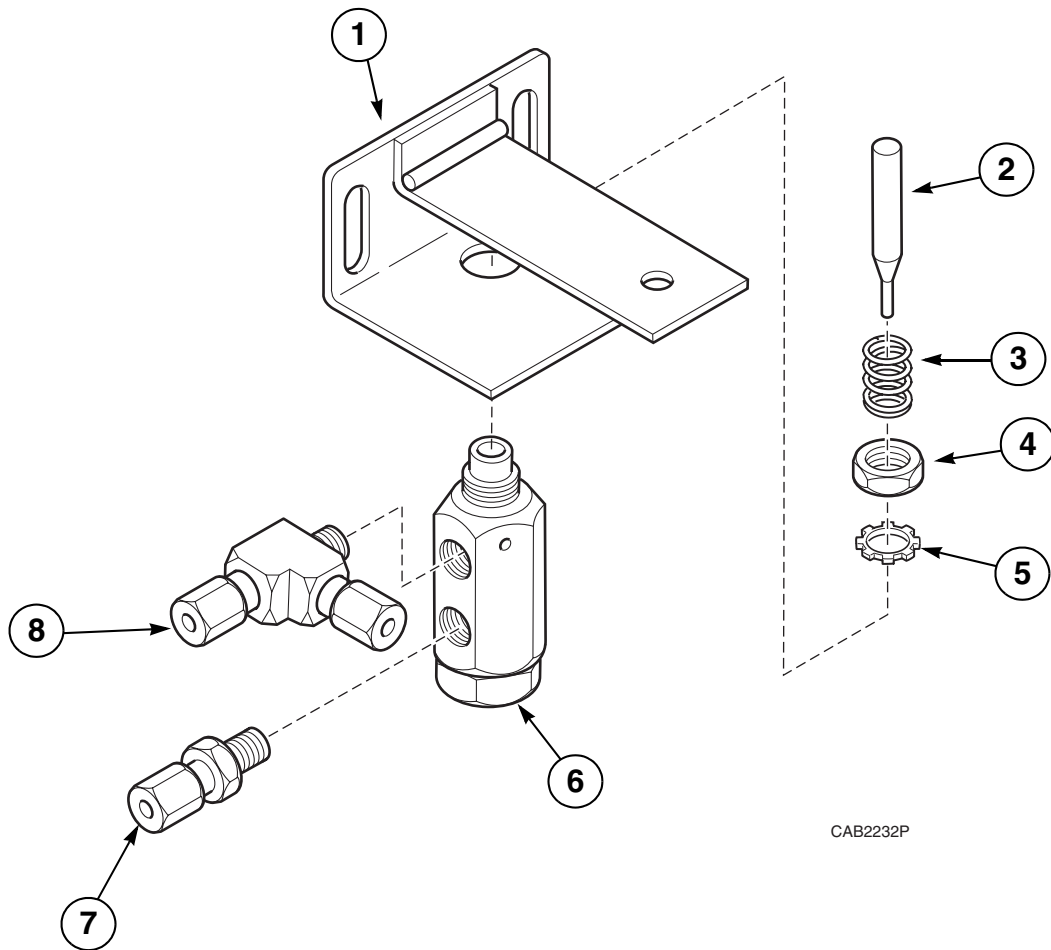


Valve and Bracket Assembly for ADFB Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09373	Valve and Bracket Assembly	Includes items 1-8
1	JA-00546	Bracket Assembly	
2	J1611417	Valve Stem Assembly	
3	JA-50447	Spring	
4	JA-12900	Nut	
5	JA-52196	Washer	
6	J1151661	Compression Connector	
7	JC-30734	Male Compression Tee	
8	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown

Valve and Bracket Assembly

Models Starting 1992



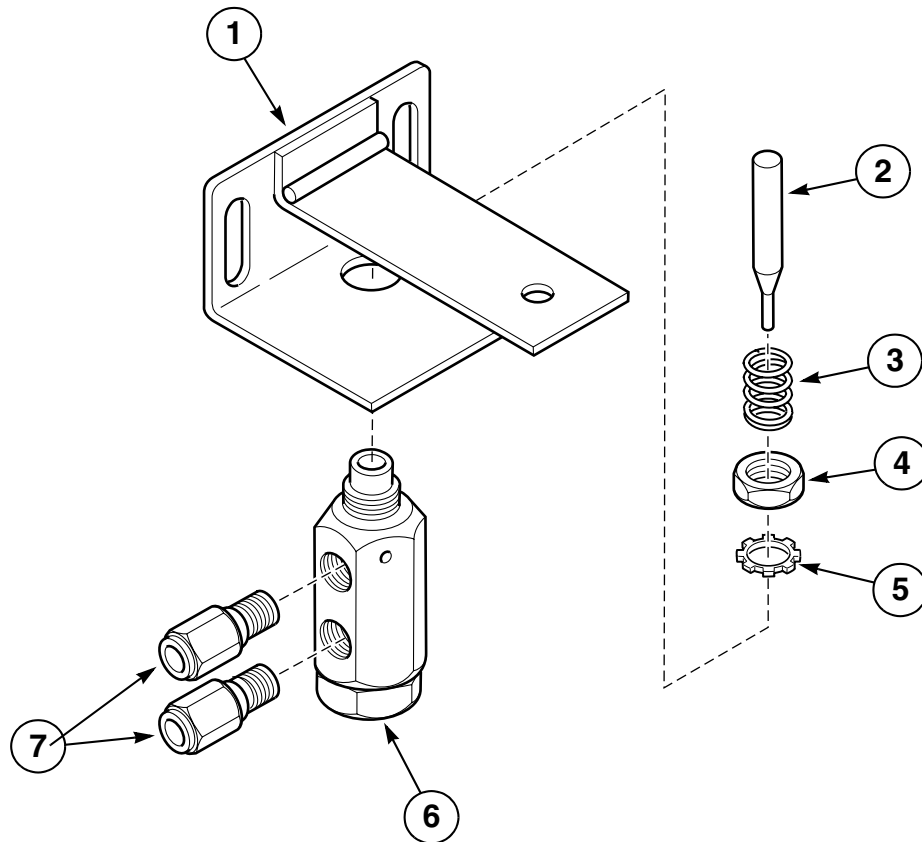
CAB2232P

Valve and Bracket Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09566	Valve and Bracket Assembly	Includes items 1-8; ACBBY models only
	JA-09683	Valve and Bracket Assembly	Includes items 1-8; ADFB models only
1	JA-00546	Bracket Assembly	
2	J1611417	Valve Stem Assembly	
3	JA-50447	Spring	
4	JA-12900	Nut	
5	JA-52196	Washer	
6	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown
7	J1151661	Compression Connector	
8	JA-52314	Male Compression Tee	

Pushbutton Valve

Models Starting 1992



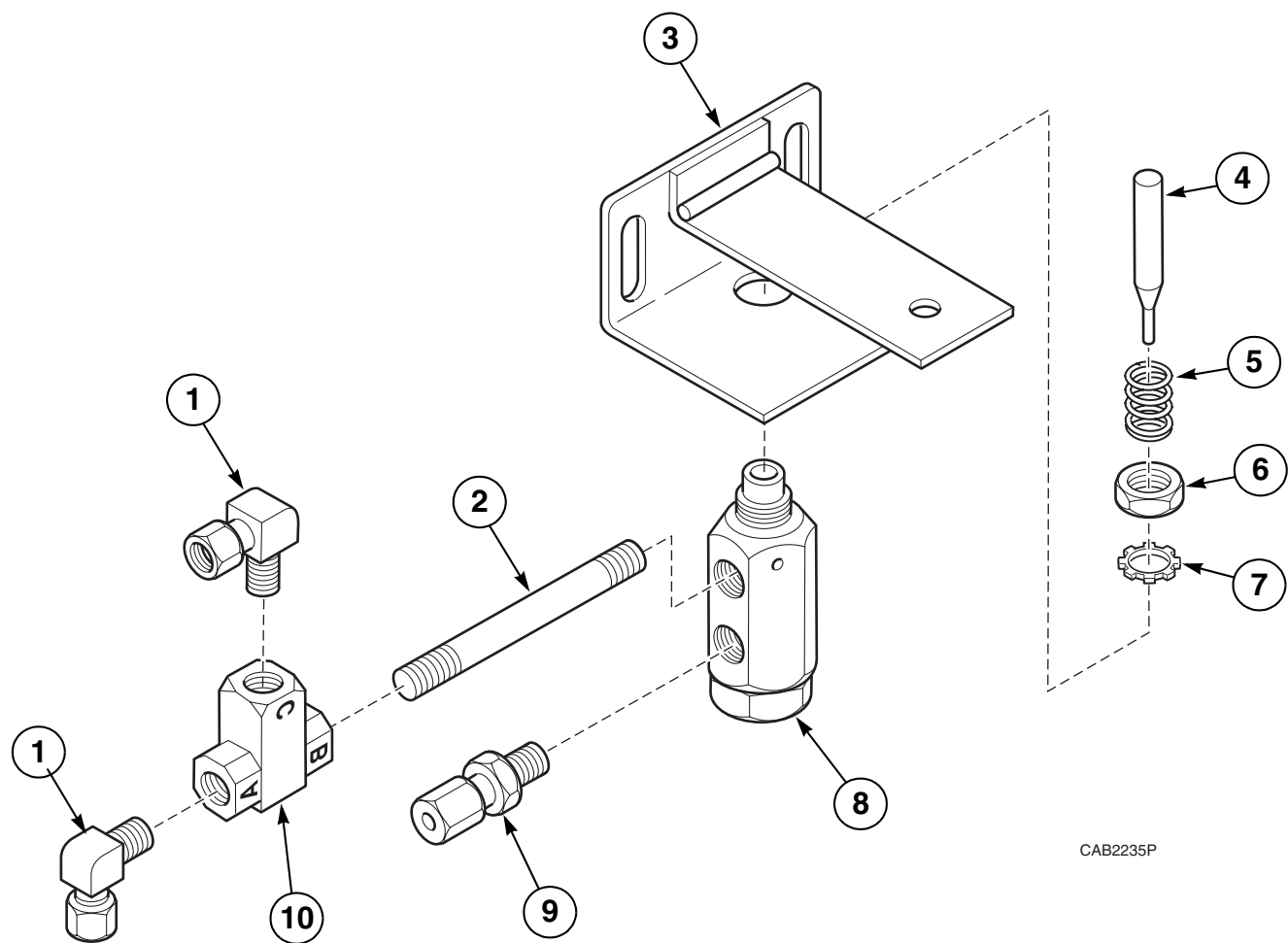
CAB1906P

Pushbutton Valve

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09320	Pushbutton Valve	Includes items 1-7
1	JA-00546	Bracket Assembly	
2	J1611417	Valve Stem Assembly	
3	JA-50447	Spring	
4	JA-12900	Nut	
5	JA-52196	Washer	
6	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown
7	J1151661	Compression Connector	2 required

Valve and Shuttle Assembly

Models Starting 1992



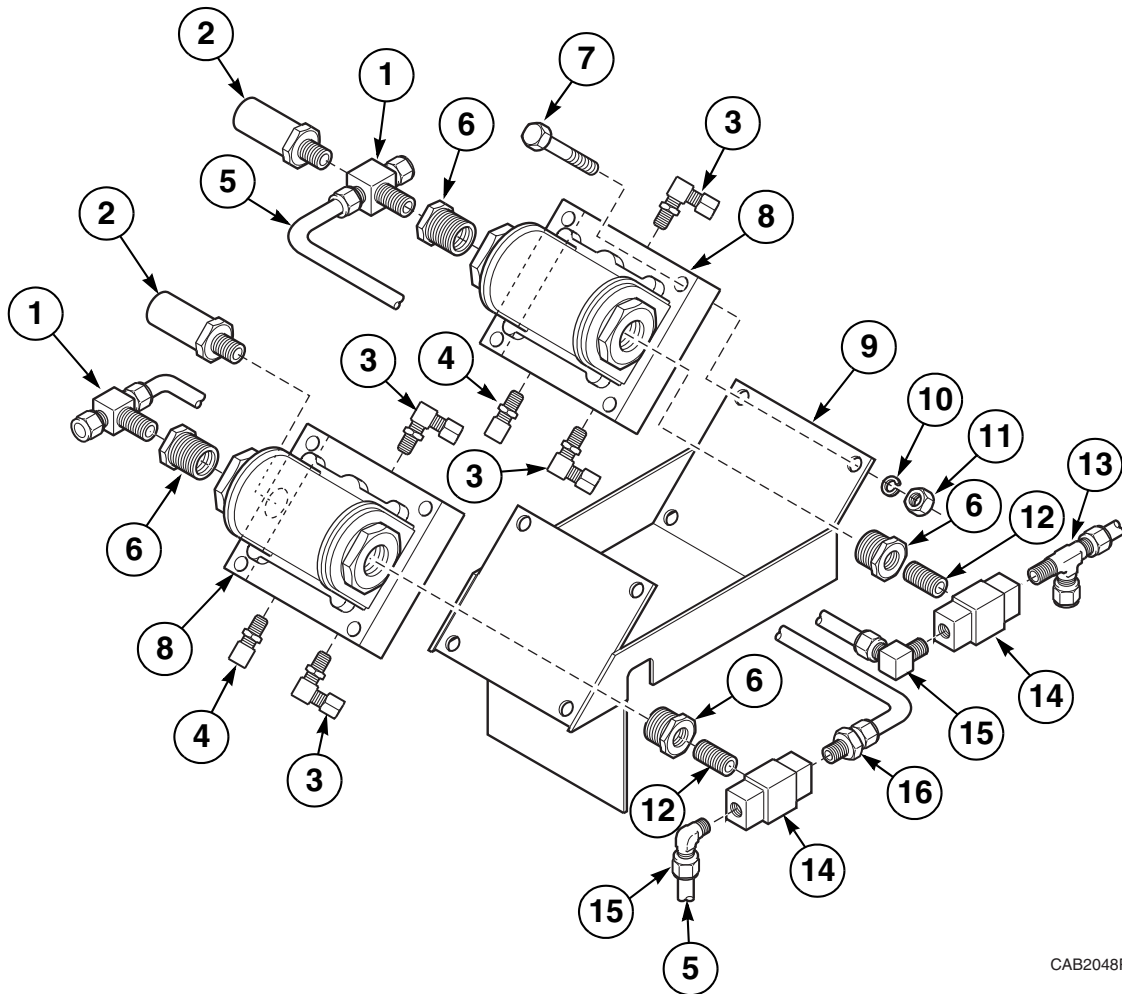
CAB2235P

Valve and Shuttle Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09372	Valve and Shuttle Assembly	Includes items 1-10
1	JA-50770	Male Compression Elbow	2 required
2	JC-46091	Pipe Nipple	
3	JA-00546	Bracket Assembly	
4	J1611417	Valve Stem Assembly	
5	JA-50447	Spring	
6	JA-12900	Nut	
7	JA-52196	Washer	
8	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown
9	J1151661	Compression Connector	
10	JA-53602	Shuttle Valve	

Valve and Bracket Assembly

Models Through 1992



CAB2048P

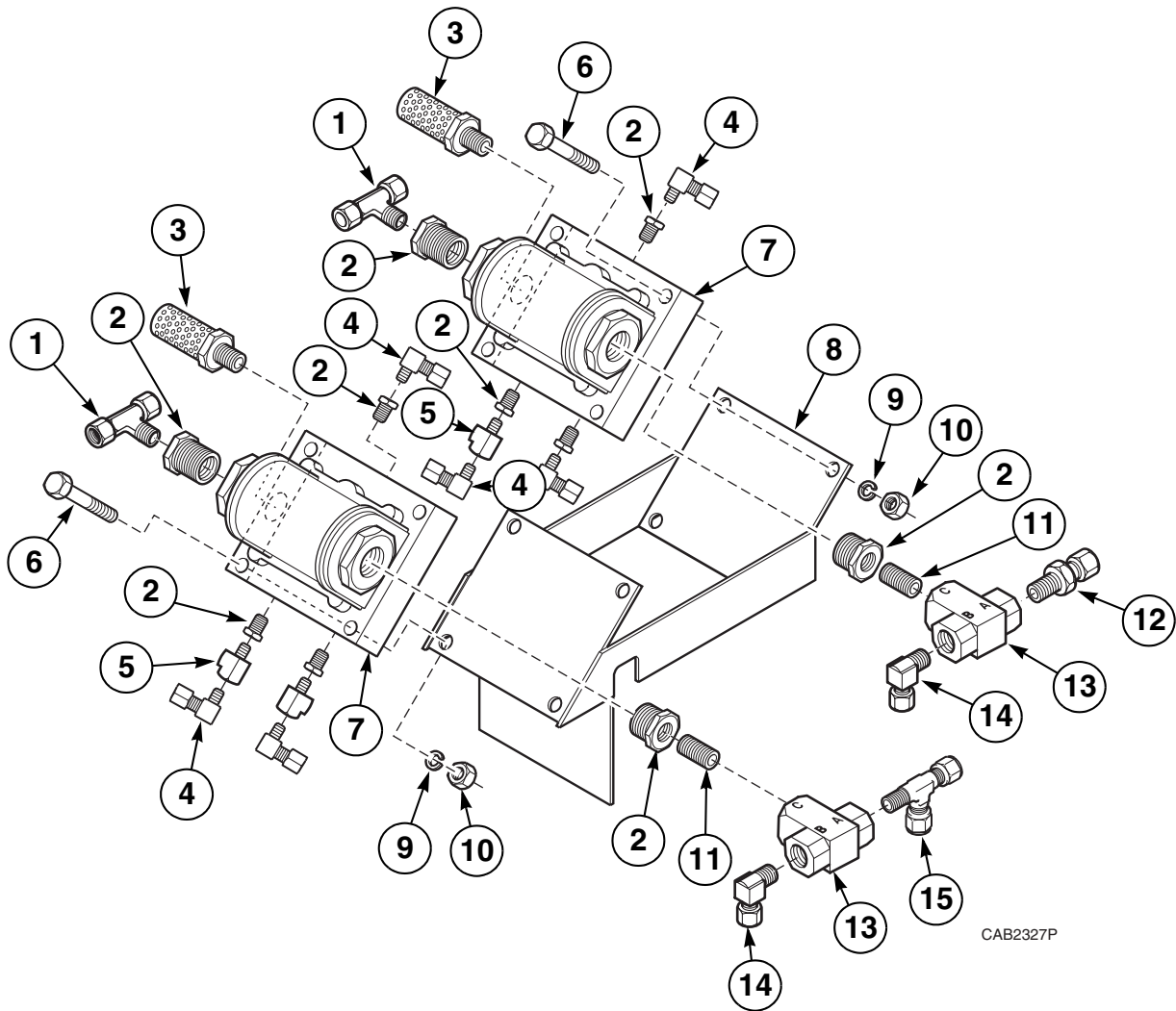
Valve and Bracket Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09375	Valve and Bracket Assembly	Includes items 1-16
	J1492461	Front Carriage Valve Assembly	Includes items 1-4, 6, 8 and 12-16
	J1492487	Rear Carriage Valve Assembly	Includes items 1-4, 6, 8 and 12-16
	JA-09140	Valve Repair Kit	Use with item 8
1	JA-50782	Compression Tee	
2	JA-53584	Air Muffler	
3	J1019298	Compression Elbow	6 required
4	N/A	Connector	
5	J1106699	Tubing	Copper; 3/16 inch
6	JA-50688	Bushing	10 required
7	JA-52645	Screw	8 required
8	JA-53894	4-Way Air Valve	
9	JA-09376	Mounting Bracket Assembly	
10	J1000975	Washer	8 required
11	03673	Nut	8 required
12	J1232313	Pipe Nipple	
13	JA-52314	Male Compression Tee	
14	JA-53602	Shuttle Valve	
15	JA-50770	Male Compression Elbow	
16	J1151661	Compression Connector	

N/A = Part no longer available

Valve Assembly for ADFB Models Only

Models Starting 1992

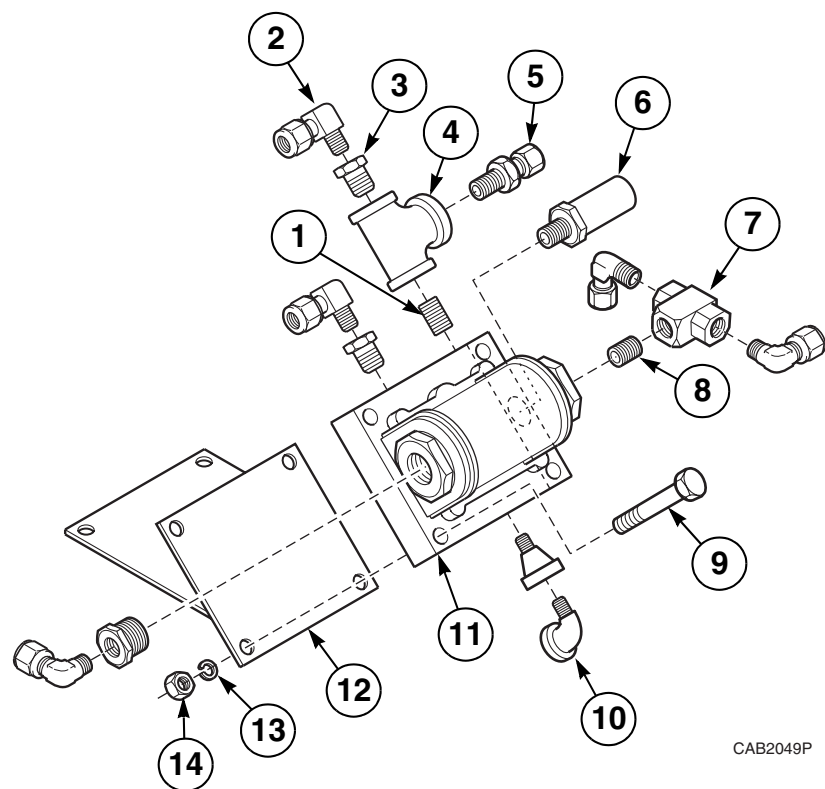


Valve Assembly for ADFB Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	J1492495	Valve Assembly	Includes items 1-15
	J1492461	Front Carriage Valve Assembly	Includes items 1-5, 7 and 11-14
	J1492487	Rear Carriage Valve Assembly	Includes items 1-5, 7, 11, and 13-15
	J1185073	Washer	4 required; Used to secure J1492495 Valve Assembly
	J1238518	Screw	4 required; Used to secure J1492495 Valve Assembly
	20275	Nut	4 required; Used to secure J1492495 Valve Assembly
1	JC-30734	Male Compression Tee	2 required
2	JC-19609	Reducing Bushing	10 required
3	JA-53584	Air Muffler	2 required
4	J1019298	Compression Elbow	6 required
5	JC-30541	Street Pipe Tee	3 required
6	JA-52645	Screw	8 required
7	JA-53894	4-Way Air Valve	2 required
8	JA-09376	Mounting Bracket Assembly	
9	J1000975	Washer	8 required
10	J1000736	Nut	8 required
11	J1232313	Pipe Nipple	2 required
12	J1151661	Compression Connector	
13	JA-53602	Shuttle Valve	2 required
14	JA-50770	Male Compression Elbow	2 required
15	JA-52314	Male Compression Tee	

Carriage Operating Slide Valve Assembly

Models Through 1992

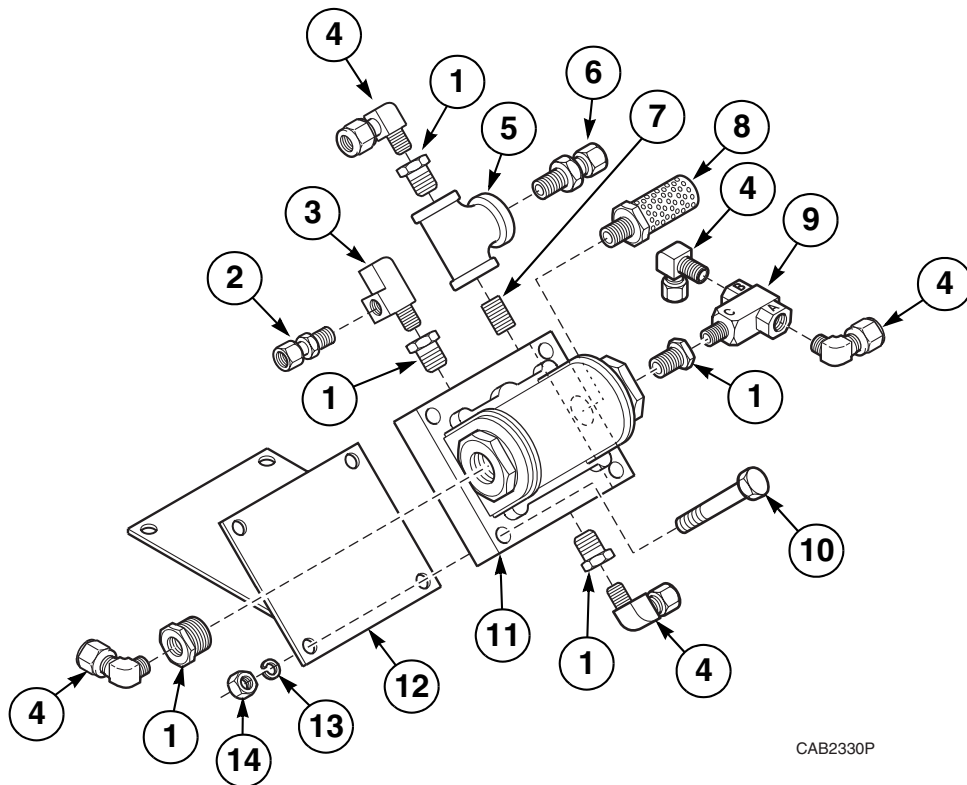


Carriage Operating Slide Valve Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09568	Carriage Operating Slide Valve Assembly	Includes items 1-14
1	J115175201	Pipe Nipple	
2	JA-50770	Male Compression Elbow	4 required
3	JC-19609	Reducing Bushing	5 required
4	J1018415	Pipe Tee	
5	J1160761	Compression Connector	
6	JA-53584	Air Muffler	
7	JA-53602	Shuttle Valve	
8	J1232313	Pipe Nipple	
9	JA-52645	Screw	4 required
10	J1019298	Compression Elbow	2 required
11	JA-53894	4-Way Air Valve	
12	JA-09575	Valve Mounting Bracket	
13	J1000975	Washer	4 required
14	J1000736	Nut	4 required

Slide Valve Assembly for ACBBY Models Only

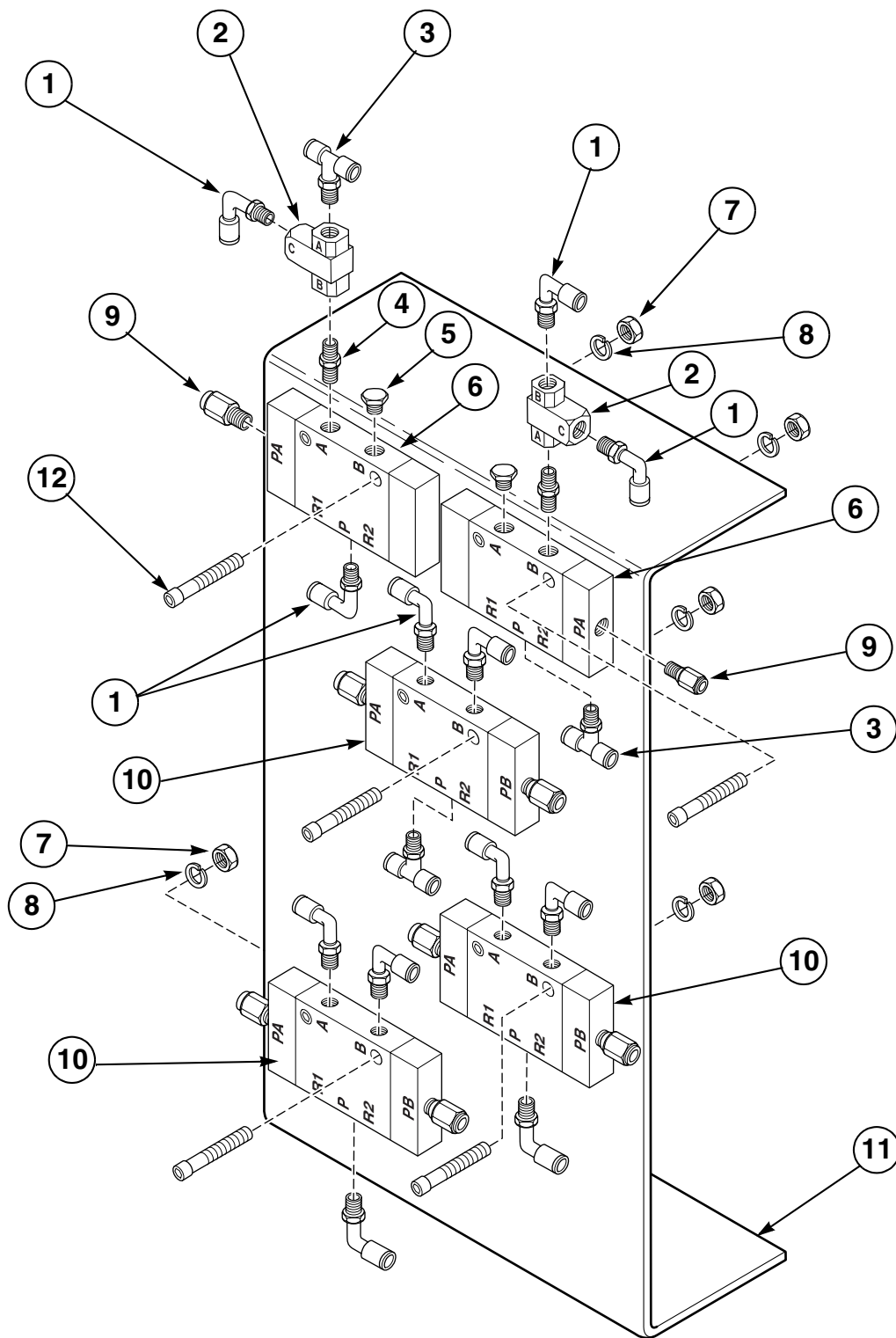
Models Starting 1992



Slide Valve Assembly for ACBBY Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	J1492529	Slide Valve Assembly	Includes items 1-14 and J1232313 Pipe Nipple
	J1232313	Pipe Nipple	
1	JC-19609	Reducing Bushing	5 required
2	JA-50759	Male Compression Connector	
3	JC-30541	Street Pipe Tee	
4	JA-50770	Male Compression Elbow	5 required
5	J1018415	Pipe Tee	
6	J1160761	Compression Connector	
7	J115175201	Pipe Nipple	
8	JA-53584	Air Muffler	
9	JA-53602	Shuttle Valve	
10	JA-52645	Screw	4 required
11	JA-53894	4-Way Air Valve	
12	JA-09575	Valve Mounting Bracket	
13	J1000975	Washer	4 required
14	J1000736	Nut	4 required

Vacuum Air Valve Assembly for ADFBCV Models



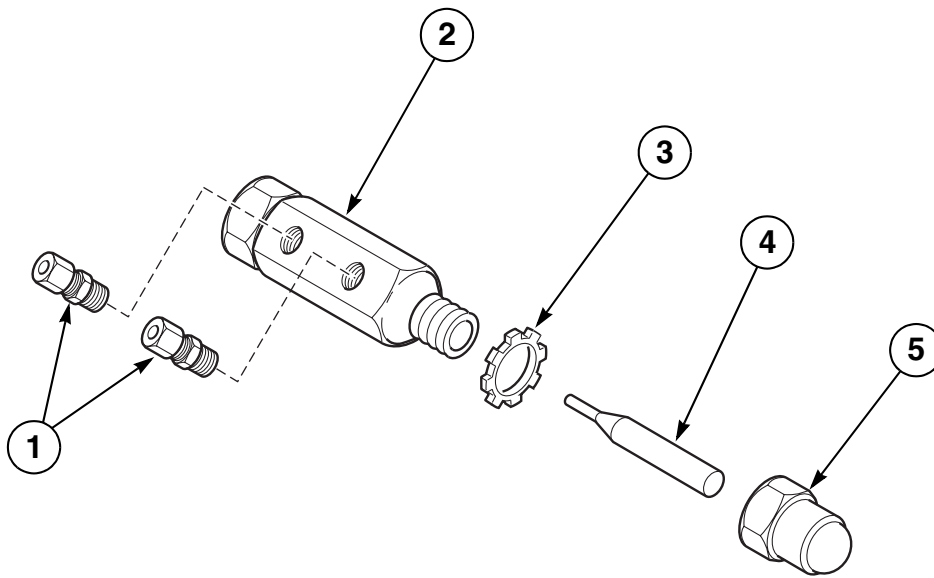
CAB1968P

Vacuum Air Valve Assembly for ADFBCV Models

REF	PART NO.	DESCRIPTION	COMMENTS
	J1531078	Vacuum Air Valve Assembly	Includes items 1-12; Models starting August 1997
	J1548379	4-Way Valve Assembly	Single pilot; Includes items 6 and 9
	J1548361P	4-Way Valve Kit	Double pilot; Includes items 9 and 10
	J758P3	Double Air Pilot Valve Repair Kit	Models through August 1997
	J757P3	Double Air Pilot Valve Repair Kit	Includes fittings to adapt 1/4 NPT to 1/8 NPT
1	J1407741	Swivel Tubing Elbow	12 required
2	JA-53602	Shuttle Valve	2 required
3	J1437029	Quick Tubing Tee	3 required
4	J1232313	Pipe Nipple	2 required
5	J1039858	Pipe Plug	2 required
6	J1548791	Single Air Piloted Valve	2 required; Models starting August 1997 through 1992
	J1548379	4-Way Valve Assembly	2 required; Single pilot; Models starting 1992
7	JC-48125	Nut	10 required
8	JC-43265	Washer	10 required
9	F422101	Air Coupling	8 required
10	J1548783	Double Air Piloted Valve	3 required; 4-way; Models starting August 1997 through 1992
	N/A	Valve Assembly	3 required; 4-way; Double pilot; Models starting 1992
11	J1548429	Valve Mounting Bracket	
12	J1548353	Screw	10 required

N/A = Part no longer available

Tail Clamp Release for ADFB Models Only

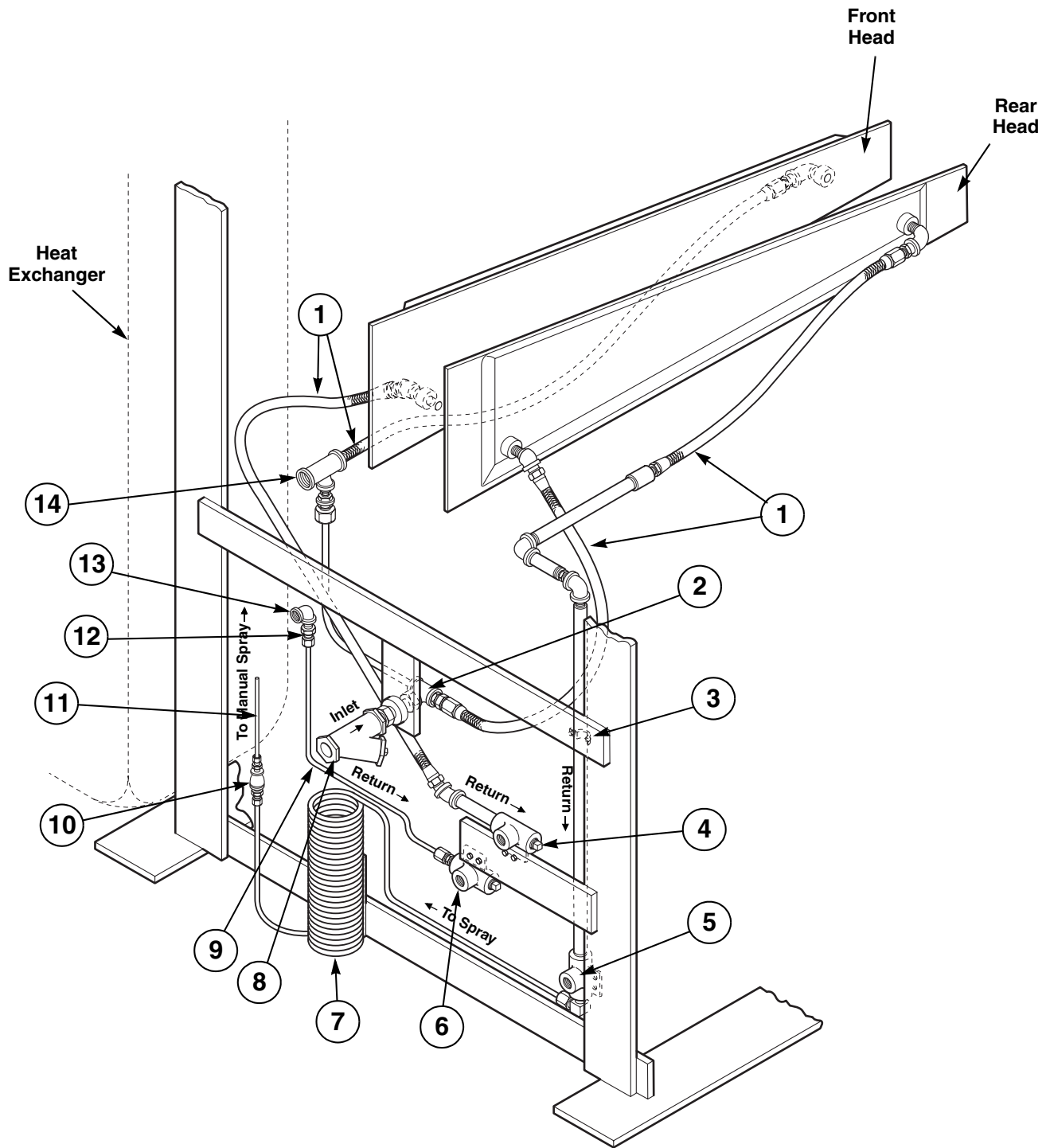


CAB2054P

Tail Clamp Release for ADFB Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09407	Tail Clamp Release	Includes items 1-5
1	J1151661	Compression Connector	2 required
2	JA-06430	Valve Body Assembly	Refer to <i>Valve Body Assembly</i> section for parts breakdown
3	JA-52196	Washer	
4	J1611417	Valve Stem Assembly	
5	JA-00397	Pushbutton Assembly	

Steam System Components



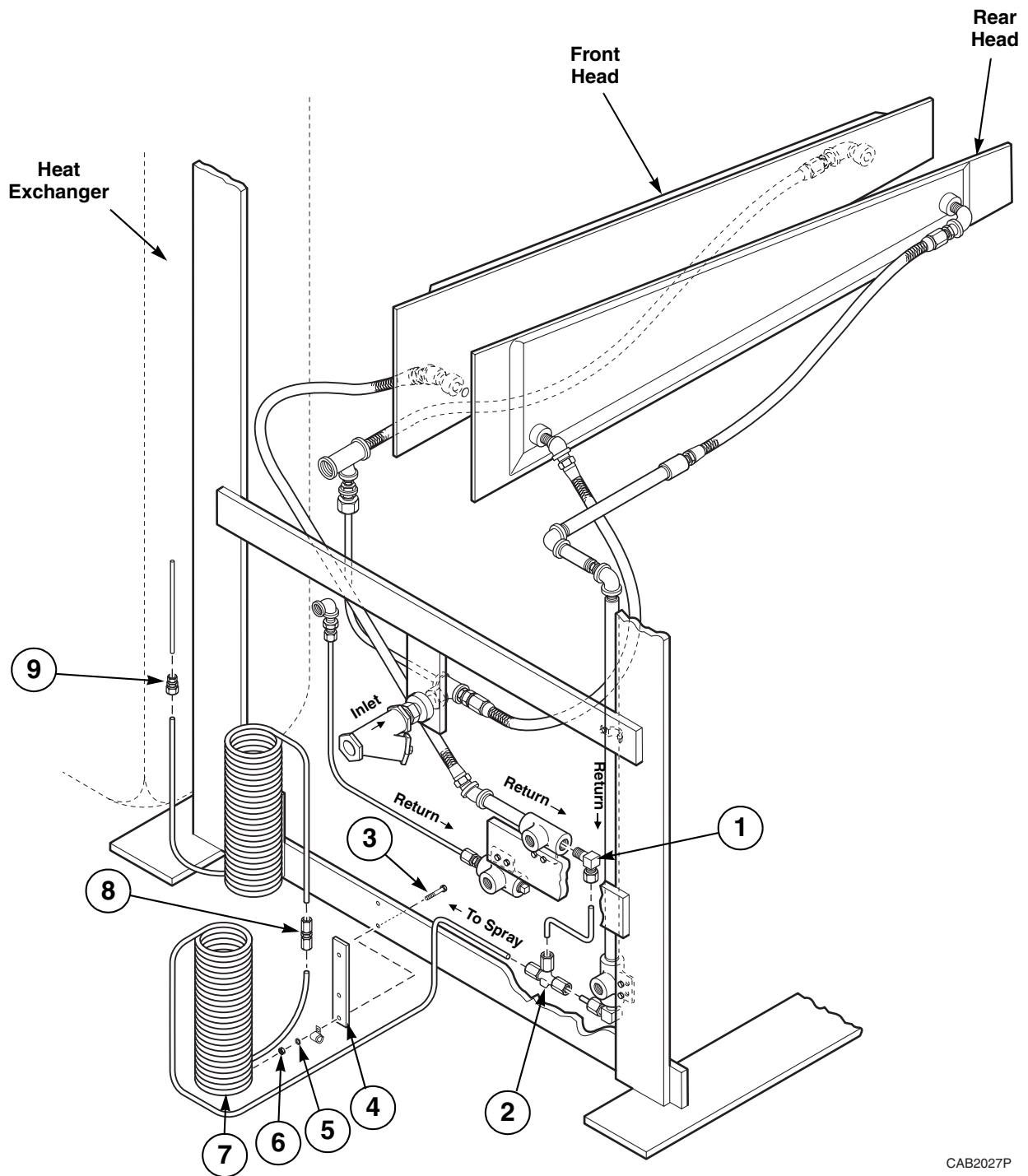
CAB2026P

Steam System Components

REF	PART NO.	DESCRIPTION	COMMENTS
	J1185073	Washer	2 required; Used with item 3
	JA-53020	Screw	2 required; Used with item 3
1	J1319268	Steam Hose	4 required
2	JA-81888	Steam Inlet	Refer to <i>Steam Inlet</i> section for parts breakdown
3	JA-51094	Tube Clamp	
4	JA-81882	Steam Return Head	From front head; Refer to <i>Steam Return Head</i> section for parts breakdown
5	JA-81883	Steam Return Assembly	From rear head; Refer to <i>Steam Return Assembly</i> section for parts breakdown
6	JA-09645	Steam Return Assembly	From heat exchanger; Refer to <i>Steam Return Assembly</i> section for parts breakdown
7	J1471234	Condenser Coil	
8	N/A	Steam Filter Assembly	
9	JA-24457	Steam Line Tubing	
10	JA-09231	Condenser Flow Control	
11	J1106699	Tubing	Copper
12	JC-30857	Male Compression Connector	
13	J1084011	Pipe Elbow	
14	J1279074	Heater Tank Inlet Assembly	Refer to <i>Heater Tank Inlet Assembly</i> section for parts breakdown

N/A = Part no longer available

Steam System Components – Automatic Spray Option



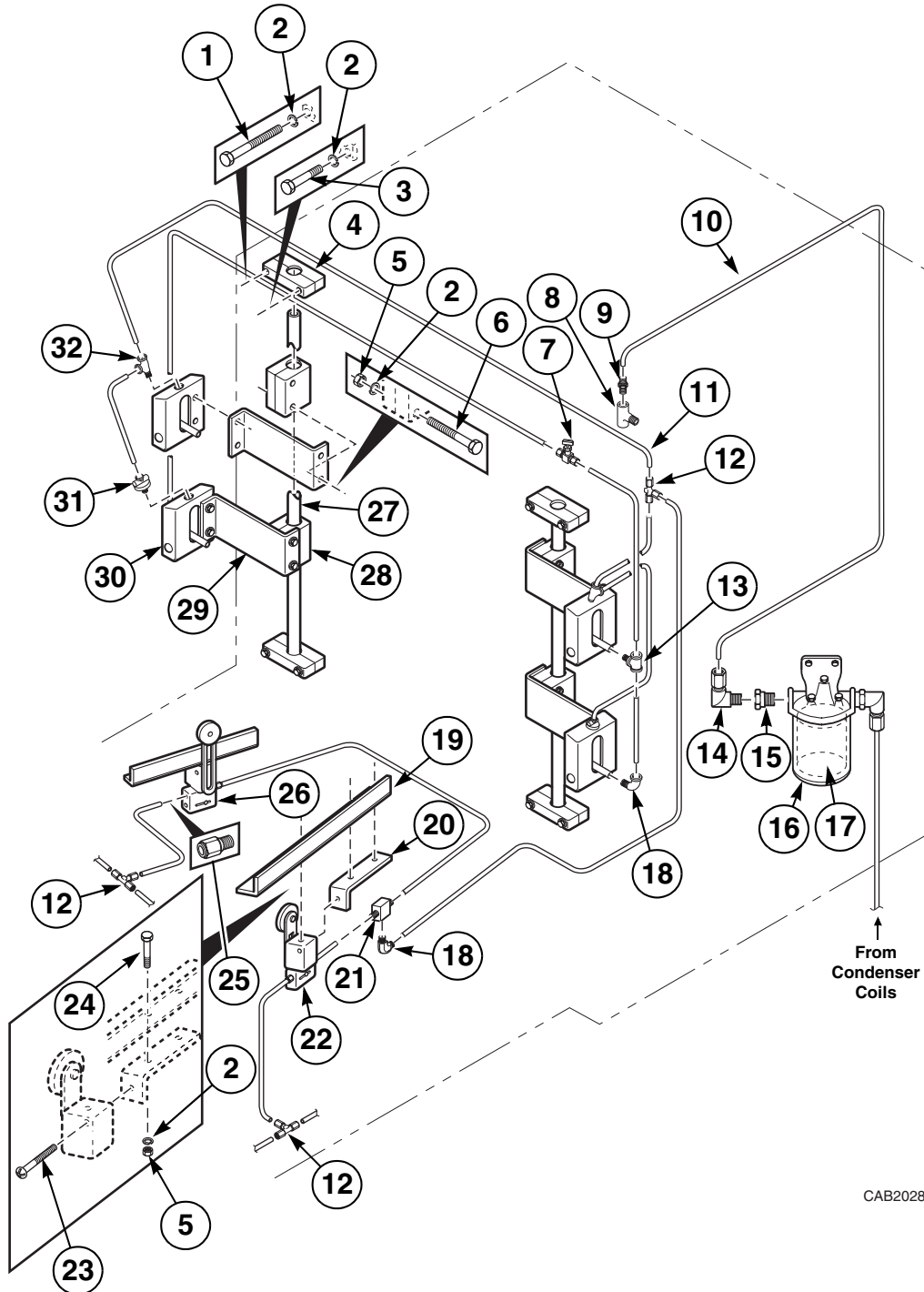
CAB2027P

Steam System Components – Automatic Spray Option

REF	PART NO.	DESCRIPTION	COMMENTS
1	JC-30719	Male Compression Elbow	
2	N/A	Tee	
3	JA-52038	Screw	
4	JA-12279	Coil Mounting Bar	
5	J1000975	Washer	
6	J1000736	Nut	
7	J1471234	Condenser Coil	
8	J1142520	Union Compression Connector	
9	N/A	Union	

N/A = Part no longer available

Optional Spray System Components



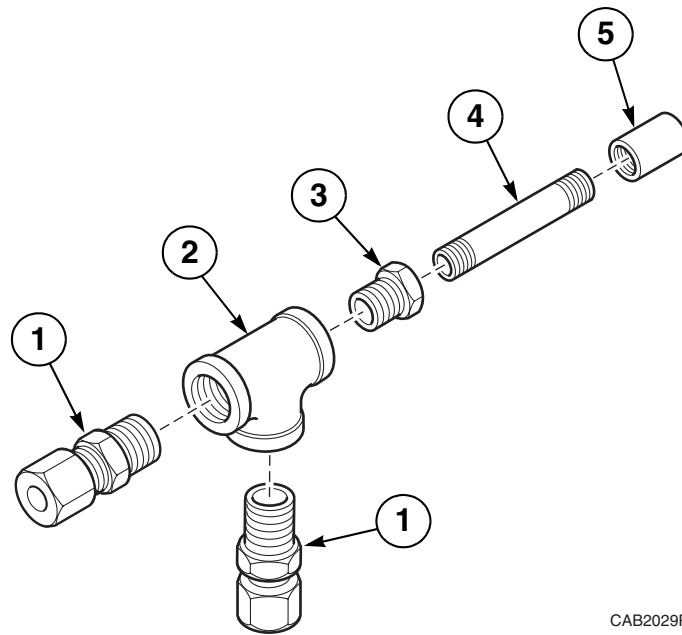
CAB2028P

Optional Spray System Components

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-51792	Water Gun	4 required; Refer to <i>Water Gun</i> section for parts breakdown
1	JC-63453	Screw	4 required
2	J1001007	Washer	34 required
3	20253	Screw	8 required
4	N/A	Tube Bracket	4 required
5	20275	Nut	26 required
6	JA-54156	Screw	16 required
7	J1246024	Needle Valve	
8	JC-70777	Pipe Tee	
9	JA-50759	Male Compression Connector	
10	J1113232	Tubing	Copper
11	JM-95918	Tubing	Nylon
12	J1130780	Union Compression Tee	3 required
13	JC-30734	Male Compression Tee	3 required
14	J1126473	Male Compression Elbow	2 required
15	J1184506	Reducing Bushing	2 required
16	JA-34487	Cartridge Half	
17	JA-86207	Water Filter Assembly	Includes bracket
18	JA-50770	Male Compression Elbow	2 required
19	N/A	Angle	2 required
20	N/A	Mounting Bracket	2 required
21	JA-53602	Shuttle Valve	
22	J1142355	3-Way Valve	
23	J1142389	Screw	4 required
24	24233	Screw	4 required
25	J1151661	Compression Connector	7 required
26	J1142363	3-Way Air Valve	Rear
27	N/A	Mounting Tube	2 required
28	J1130723	Clamp	4 required
29	N/A	Standoff Bracket	4 required
30	J1130731	Spray Mounting Bracket	4 required
31	N/A	Diaphragm Assembly	4 required; Refer to <i>Diaphragm Assembly</i> section for parts breakdown
32	JA-52314	Male Compression Tee	2 required

N/A = Part no longer available

Heater Tank Inlet Assembly

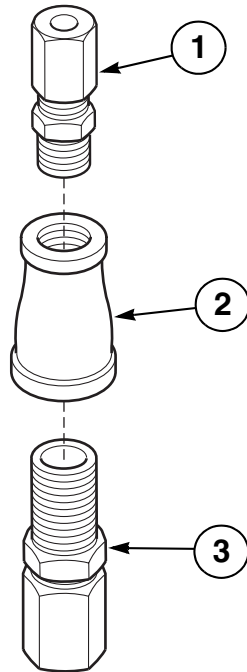


CAB2029P

Heater Tank Inlet Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1279074	Heater Tank Inlet Assembly	Includes items 1-5
1	J1161272	Male Compression Connector	2 required
2	JC-70628	Pipe Tee	
3	JC-19682	Reducing Bushing	
4	JC-4613101	Pipe Nipple	
5	J1007442	Pipe Coupling	

Condenser Flow Control Assembly

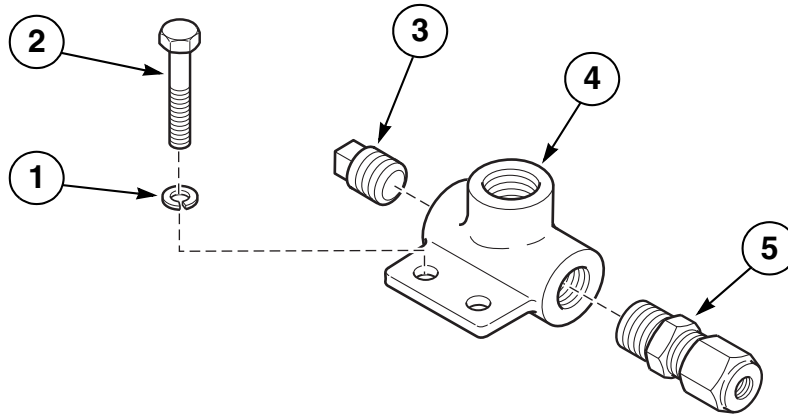


CAB2030P

Condenser Flow Control Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1151661	Compression Connector	
2	JA-50676	Pipe Coupling	
3	J1151646	Male Compression Connector	

Steam Return Assembly

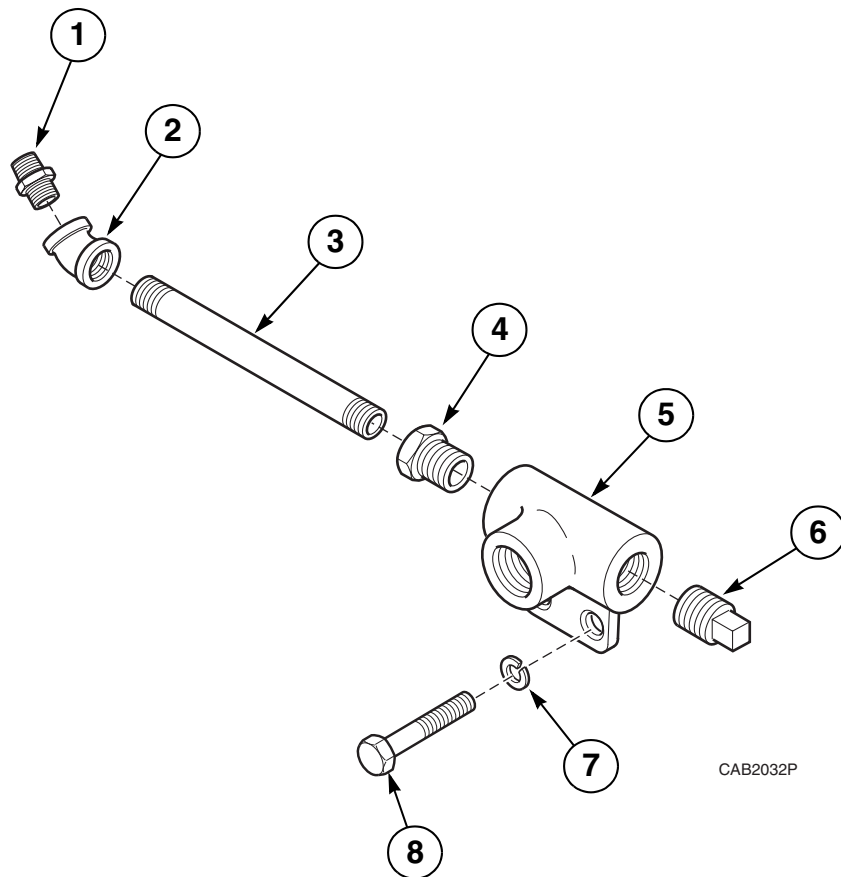


CAB2031P

Steam Return Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09645	Steam Return Assembly	Includes items 3-5; Heat exchanger
1	J1185073	Washer	2 required
2	JA-52426	Screw	2 required
3	J1161421	Pipe Plug	
4	JA-23840	Tee Bracket	
5	JC-30857	Male Compression Connector	

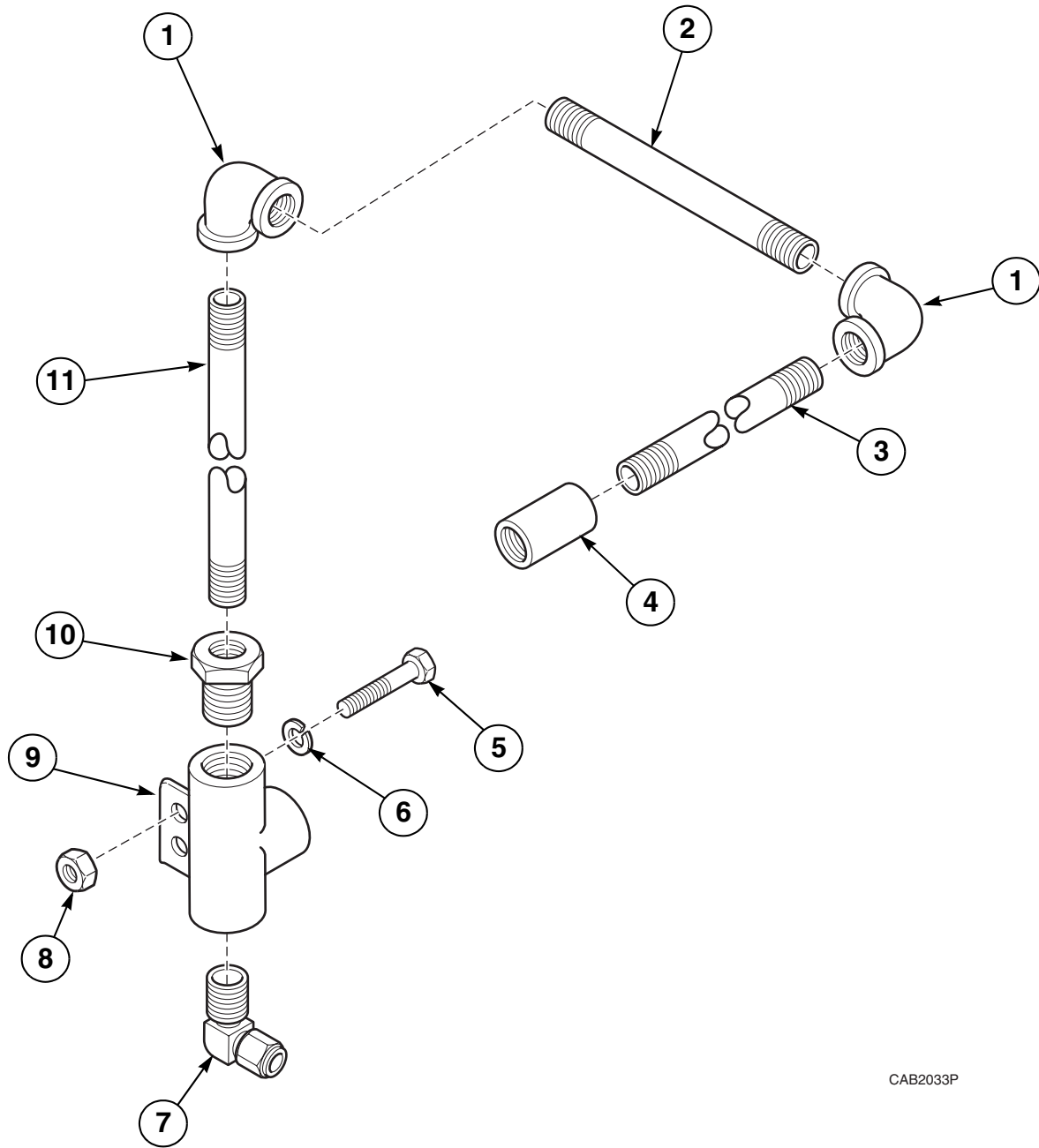
Steam Return Head



Steam Return Head

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-81882	Steam Return Head	Includes items 1-6
1	J1319276	Flare Connector	
2	JA-50635	Pipe Elbow	
3	JA-51540	Pipe Nipple	
4	J1033208	Reducing Bushing	
5	JA-23840	Tee Bracket	
6	J1161421	Pipe Plug	
7	J1185073	Washer	2 required
8	JA-52426	Screw	2 required

Steam Return Assembly



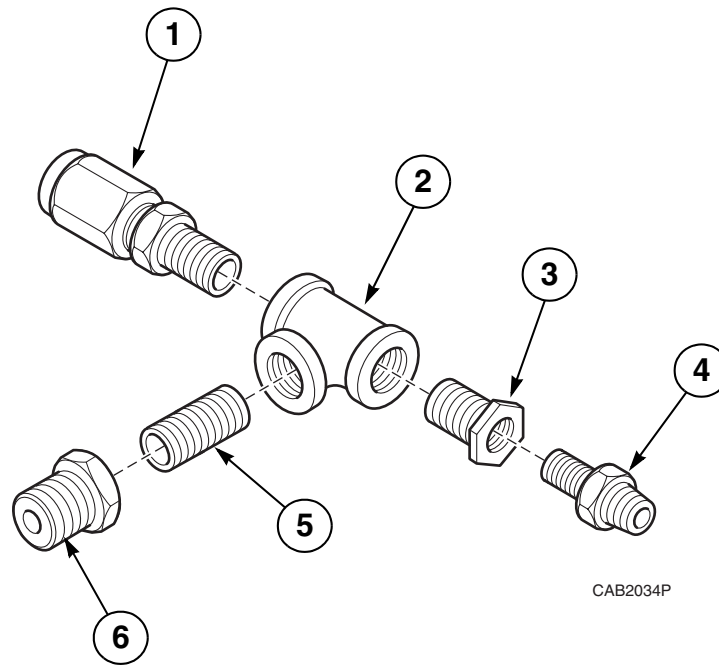
CAB2033P

Steam Return Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-81883	Steam Return Assembly	Includes items 1-4, 7 and 9-11
1	J1231422	Pipe Elbow	2 required
2	JA-50729	Pipe Nipple	
3	N/A	Nipple	
4	J1007442	Pipe Coupling	
5	JA-52426	Screw	2 required
6	J1185073	Washer	2 required
7	N/A	Elbow	
8	20275	Nut	2 required
9	JA-23840	Tee Bracket	
10	N/A	Bushing	
11	JA-50738	Pipe Nipple	

N/A = Part no longer available

Steam Inlet

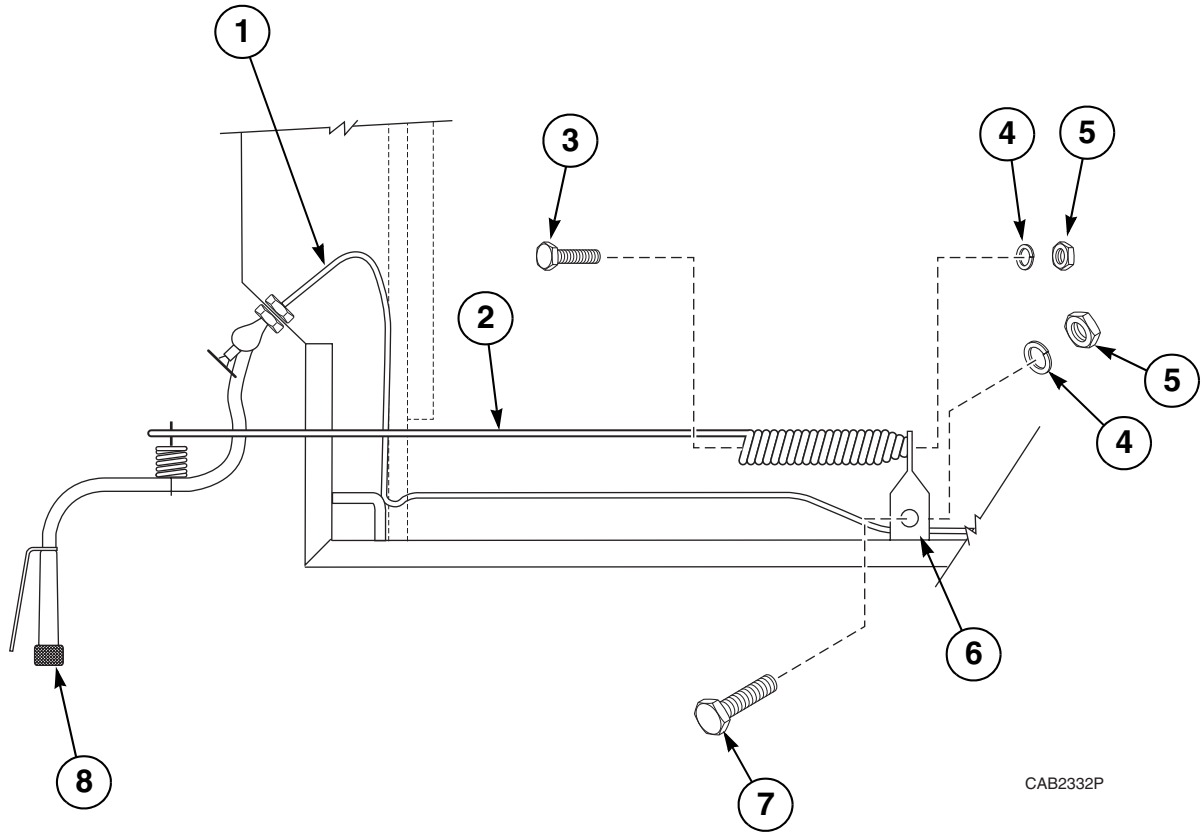


Steam Inlet

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-81888	Steam Inlet	Includes items 1-6
1	JC-30857	Male Compression Connector	
2	N/A	Tee	
3	J1468347	Pipe Bushing	
4	J1319276	Flare Connector	
5	JA-51008	Nipple	
6	J1033208	Reducing Bushing	

N/A = Part no longer available

Spray Gun Application

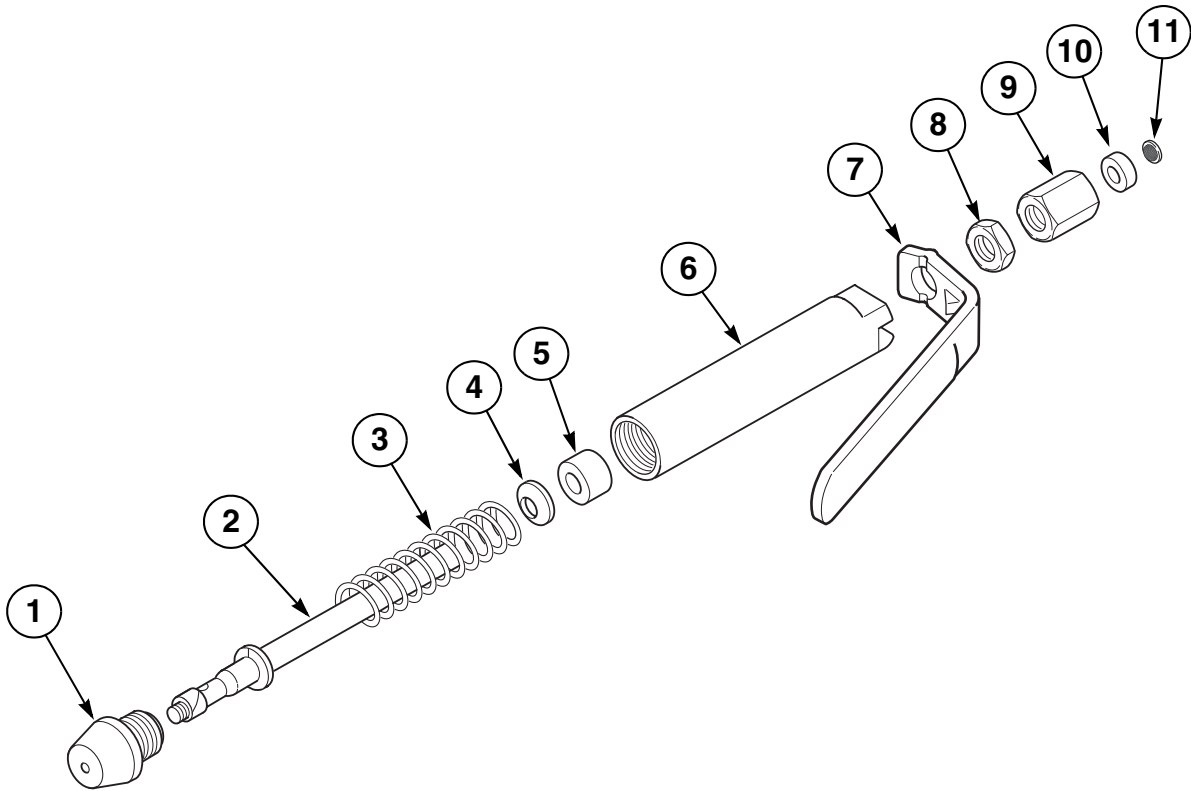


CAB2332P

Spray Gun Application

REF	PART NO.	DESCRIPTION	COMMENTS
1	J1106699	Tubing	Copper; Use as required
2	JA-52160	Special Extension Spring	
3	JA-52426	Screw	
4	J1185073	Washer	2 required
5	20275	Nut	2 required
6	JA-23002	Spray Gun Bracket	
7	JA-50394	Screw	
8	JA-51792	Water Gun	Refer to <i>Water Gun</i> section for parts breakdown

Water Gun



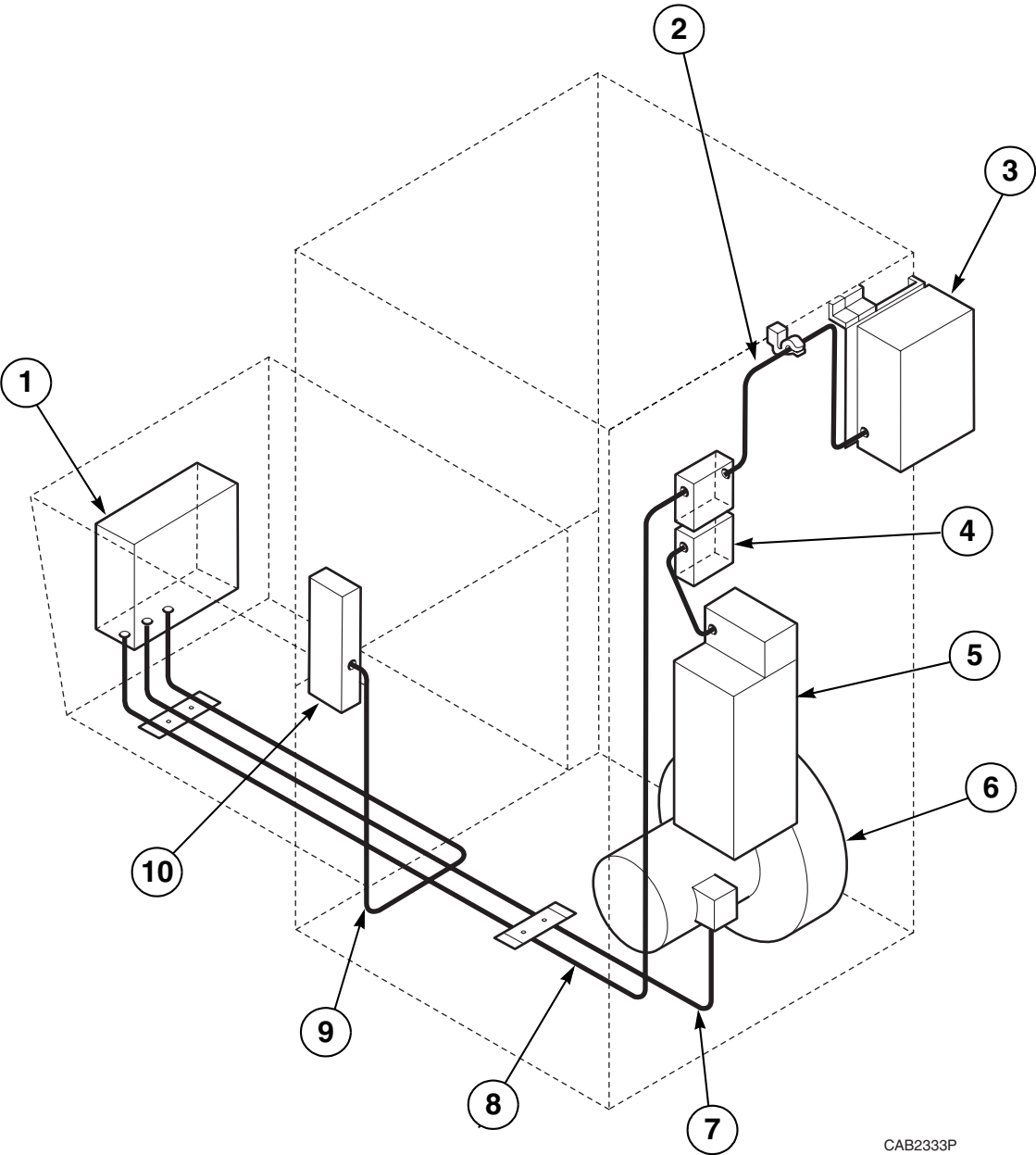
CAB2035P

Water Gun

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-51792	Water Gun	Includes items 1-11
	N/A	Water Gun Repair Kit	Includes items 1-3, 5 and 10-11
1	JA-50641	Water Gun Nozzle	
2	N/A	Stem and Seat Assembly	
3	JA-50648	Water Gun Spring	
4	JA-50647	Washer	Brass
5	JA-50646	Water Gun Packing	
6	JA-50633	Water Gun Body	
7	JA-50638	Water Gun Handle	
8	20275	Nut	
9	JA-50639	Water Gun Coupling	
10	JA-50649	Coupling Packing	
11	JA-50640	Water Gun Filter Screen	

N/A = Part no longer available

Electrical Parts and Conduit



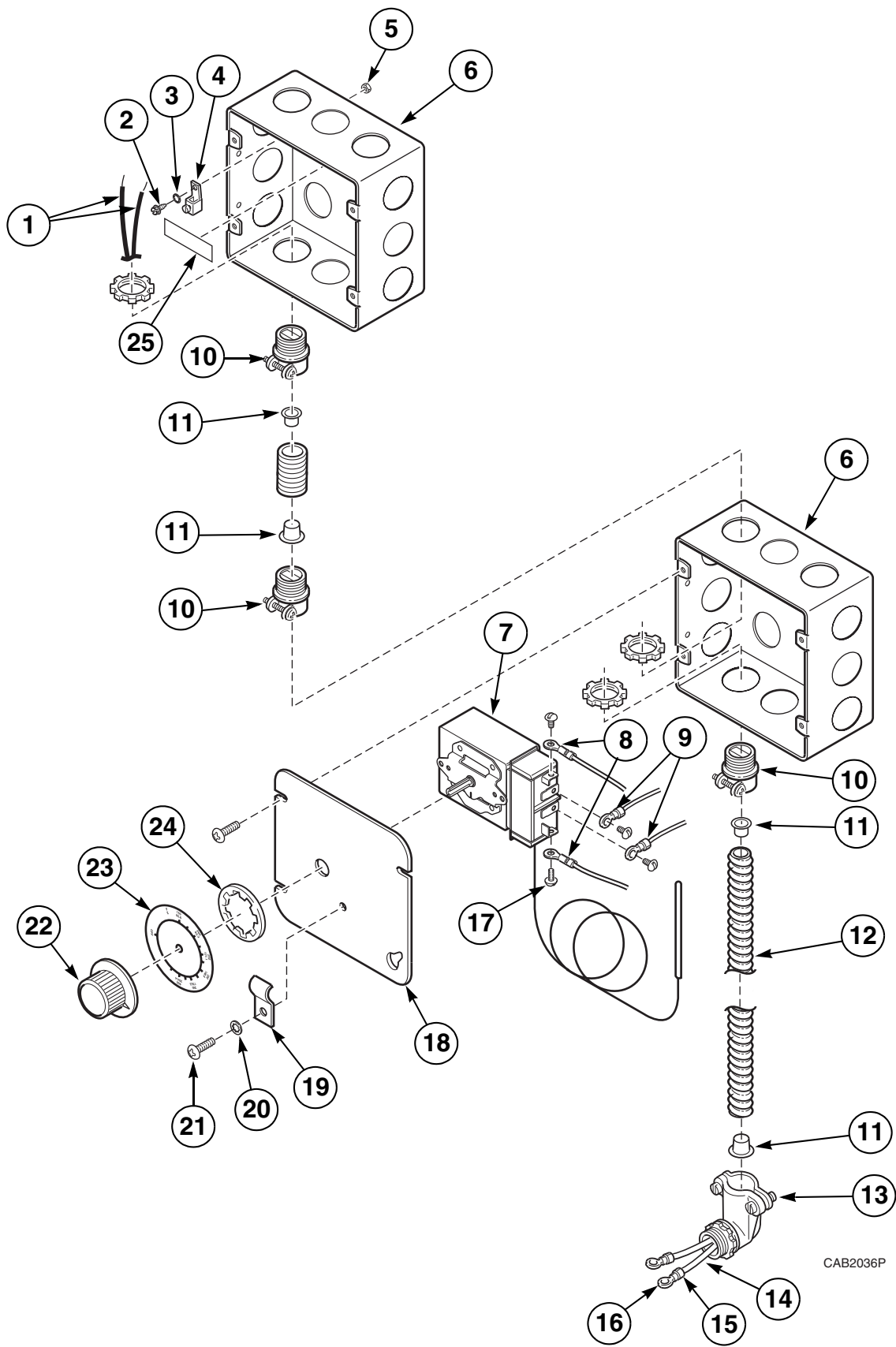
CAB2333P

Electrical Parts and Conduit

REF	PART NO.	DESCRIPTION	COMMENTS
	J1232958	Electric Outlet Box	
	J1075621	Electric Box Cover	
	J1232982	Conduit Nipple	
	N/A	Conduit	Control box to solenoid valve
	J1145689	Danger: Always Nameplate	Lock/Out
1	J1547082	Control Box Assembly	Refer to <i>Motor Control Assembly</i> section for parts breakdown; 208-240 Volt/3 Phase/60 Hertz
	N/A	Control Box Assembly	Refer to <i>Motor Control Assembly</i> section for parts breakdown; 380-415 Volt/3 Phase/50 Hertz
	N/A	Control Box Assembly	Refer to <i>Motor Control Assembly</i> section for parts breakdown; 460 Volt/3 Phase/60 Hertz
	N/A	Control Box Assembly	Refer to <i>Motor Control Assembly</i> section for parts breakdown; 575 Volt/3 Phase/60 Hertz
2	J1108497	Conduit	3 feet required
3	JC-72982	Transformer	460 Volt/3 Phase/60 Hertz; 1.5 KWa
	N/A	Transformer	575 Volt/3 Phase/60 Hertz; 1.5 KWa
	J1142090	Transformer	380/415 Volt/3 Phase/50/60 Hertz; 2.0 KWa
4	JA-09749	Thermostat Assembly	Refer to <i>Thermostat Assembly</i> section for parts breakdown
5	JA-08975P	Heat Exchanger Assembly	Refer to <i>Heat Exchanger Assembly</i> section for parts breakdown
6	J1567775	Blower	200 Volt/3 Phase/50 Hertz
	J0220243-00	Blower	208-230-460 Volt/3 Phase/60 Hertz; 220-380-415 Volt/3 Phase/50 Hertz
	J1567767	Blower	575 Volt/3 Phase/60 Hertz
7	J1460633	Motor Junction Conduit Assembly	
8	J1378132	Conduit Assembly	Junction box to control box; Below 250 Volt
	N/A	Conduit	Junction box to control box; Above 250 Volt
9	J1438845	Timer to Control Conduit Assembly	
	J1438860	Control Box Conduit Assembly	Below 250 Volt
	N/A	Conduit	Timer to control box; Above 250 Volt
10	J1086990	Timer Control Assembly	Refer to <i>Timer Control Assembly</i> section for parts breakdown

N/A = Part no longer available

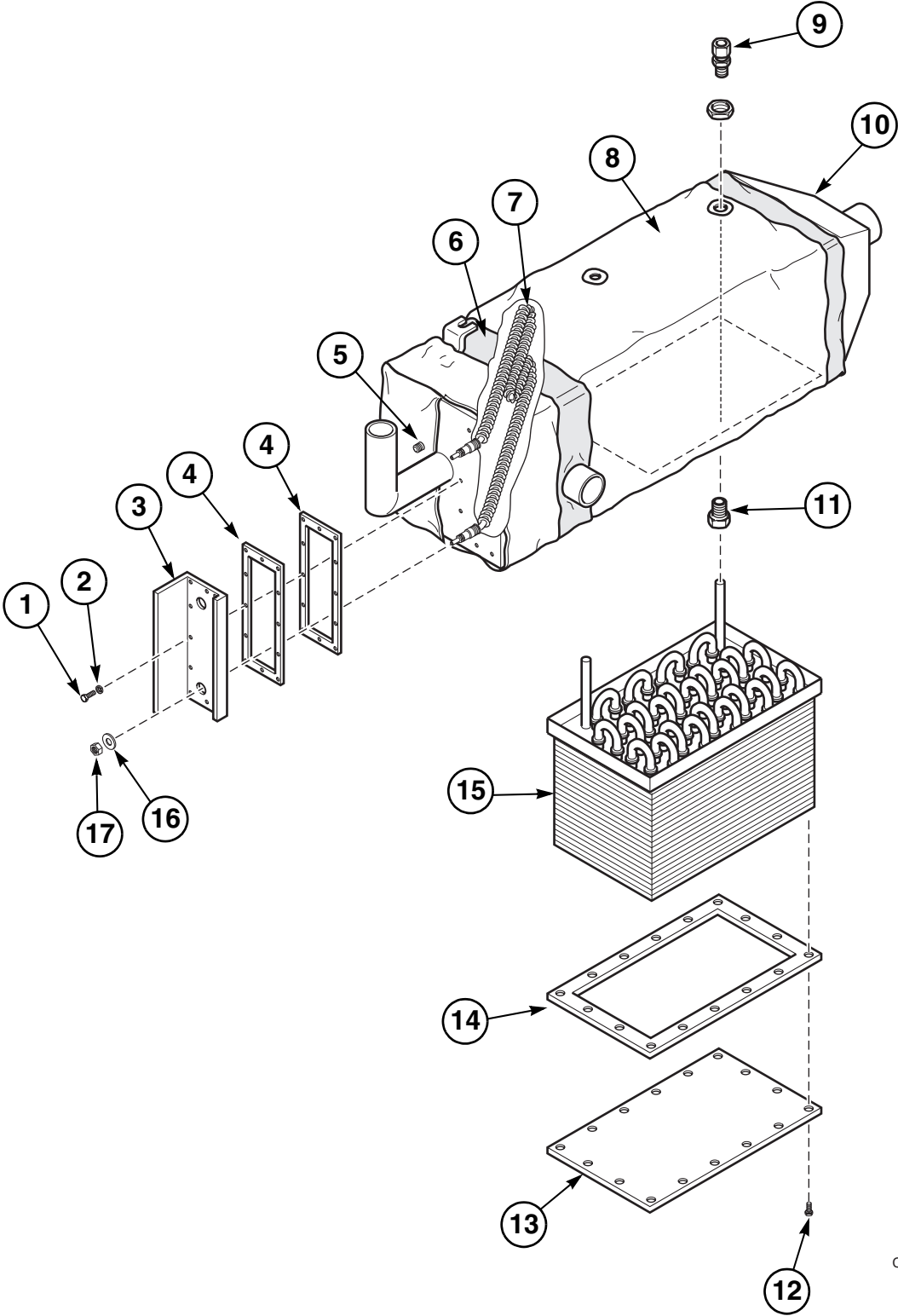
Thermostat Assembly



Thermostat Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-09749	Thermostat Assembly	Includes items 1-25, J1040112 Conduit Nipple, (3) JA-52706 Insulator Bushing and JA-24152 Conduit
	JA-52706	Insulator Bushing	3 required
	J1040112	Conduit Nipple	
	JA-24152	Conduit	
1	J1131333	14 Gauge Wire	2 required
2	J1199389	Screw	
3	J1085984	Washer	
4	J1189125	Terminal Lug	
5	J1209113	Nut	
6	JC-18268	Electrical Outlet Box	2 required
7	JA-54183	Thermostat	150 – 400° F
8	JT-168-4	Wire Terminal	2 required
9	J1190370	Terminal Ring	2 required
10	JC-22893	Straight Connector	3 required
11	J1232990	Bushing	4 required
12	JA-24543	Conduit	
13	J1086115	Connector	
14	JM-99961	Sleeving	Fiberglass; 2 required
15	JR-90132	Wire	12 gauge; 2 required
16	J1285147	Terminal Ring	2 required
17	J1233659	Screw	4 required
18	JA-24123	Thermostat Mounting Plate	
19	J1244623	Tubing Clamp	
20	J1085984	Washer	
21	J1199389	Screw	
22	JA-56916	Knob	
23	JA-86858	Decal and Plate Assembly	
24	JC-43267	Washer	2 required
25	J10-607	Ground Wire Label	

Heat Exchanger Assembly

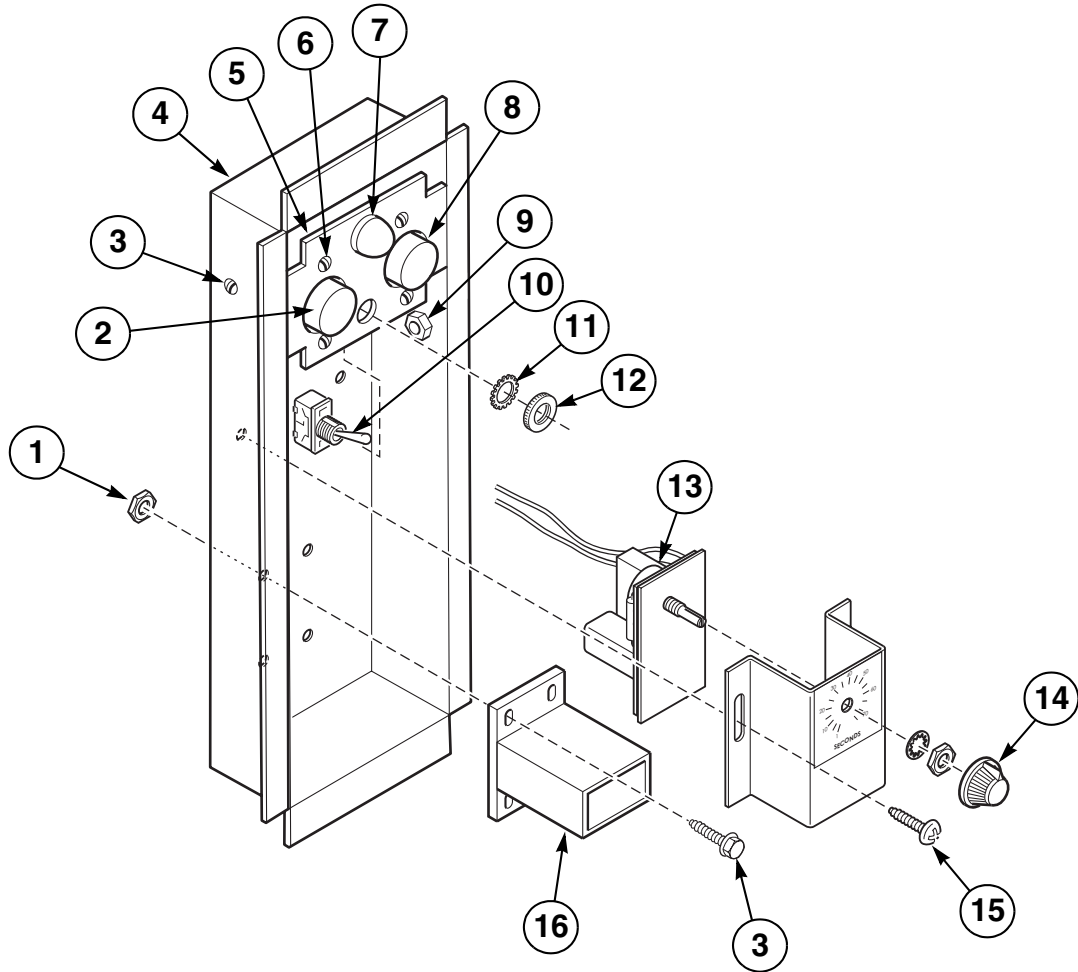


CAB2079P

Heat Exchanger Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-08975P	Heat Exchanger Assembly	Models through 1992
	J1525237	Heat Exchanger Assembly	Includes items 1-17; Models starting 1992; Replaces JA-08975P
1	J1571371	Screw	12 required
2	J1000975	Washer	12 required
3	JA-22982	Heater Plate	
4	JA-23801	Electric Box 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	J1161272	Male Compression Connector	2 required
10	J1538750	Housing Weldment	
11	J1540731	Bulkhead Fitting	2 required
12	H88214572	Screw	16 required
13	J1562818	Heat Exchanger Cover Plate	
14	J1540814	Joint Sealant Gasket	4 feet required
15	J1536382	Steam Coil Weldment	
16	JC-80565	Washer	2 required
17	JC-48312	Nut	2 required

Timer Control Assembly



CAB2037P

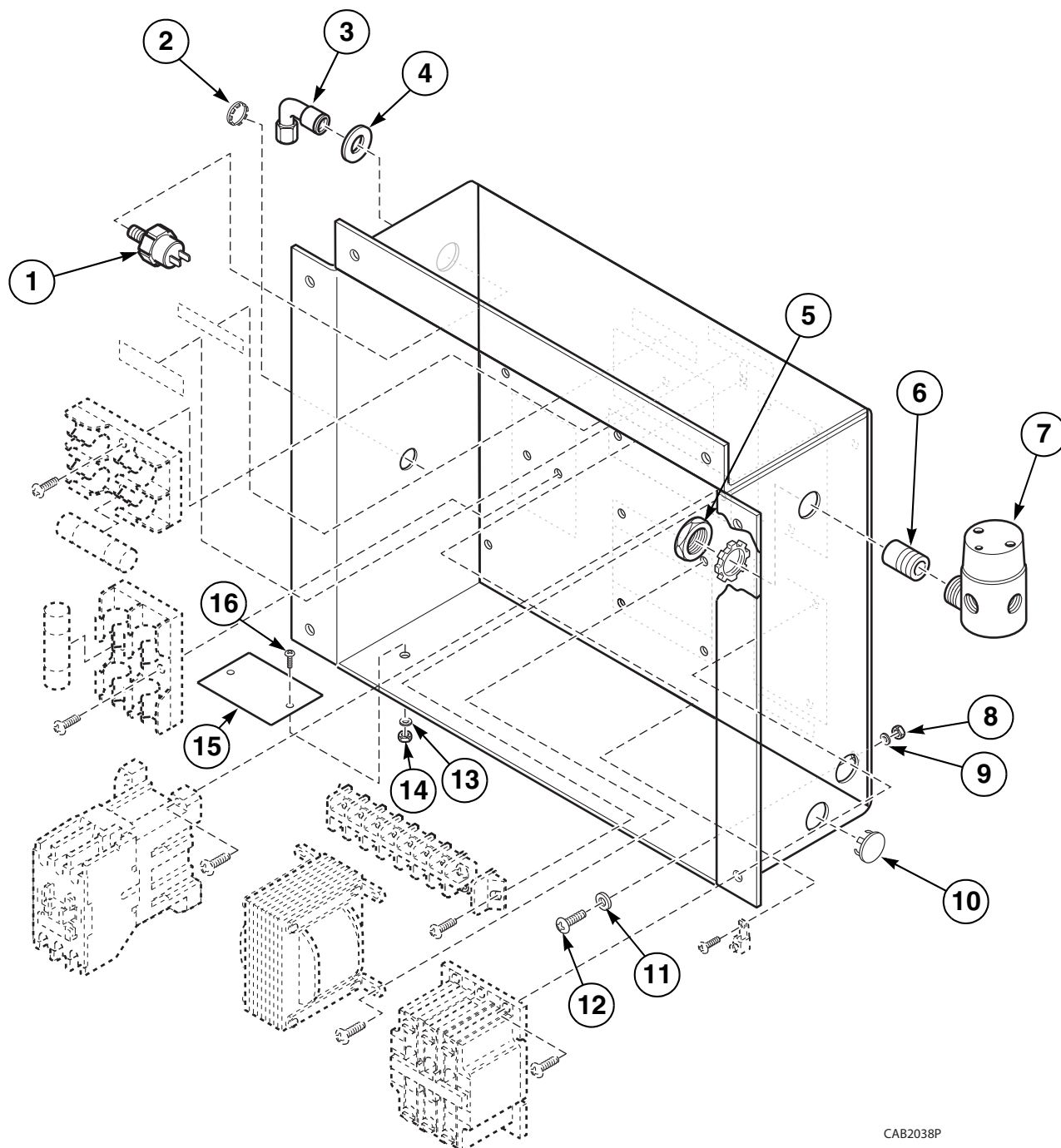
Timer Control Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1086990	Timer Control Assembly	Includes items 1-16
	J200050400	Common Timer Circuit Board Kit	
1	N/A	Nut	
2	JA-52477	Pushbutton Switch	Red
3	JA-51959	Screw	8 required
4	JA-80060	Timer Box Weldment	
5	JA-20367	Switch Box Plate	2 required
6	02422	Screw	4 required
7	JA-54154	Socket Lamp	Red
8	M400954P	Push-to-Start Switch Kit	Black
9	J1210988	Nut	
10	JC-69246	Toggle Switch	
11	JA-52666	Washer	External tooth
12	JC-70805	Ring Terminal	
13	J200043100	Common Timer PCB	0-75 seconds
14	JE-66023	Knob	
15	J1333285	Screw	2 required
16	J1316702	Electric Counter	

N/A = Part no longer available

Electrical Control Box for ADFB Models Only (Drawing 1 of 2)

Models Through 1992



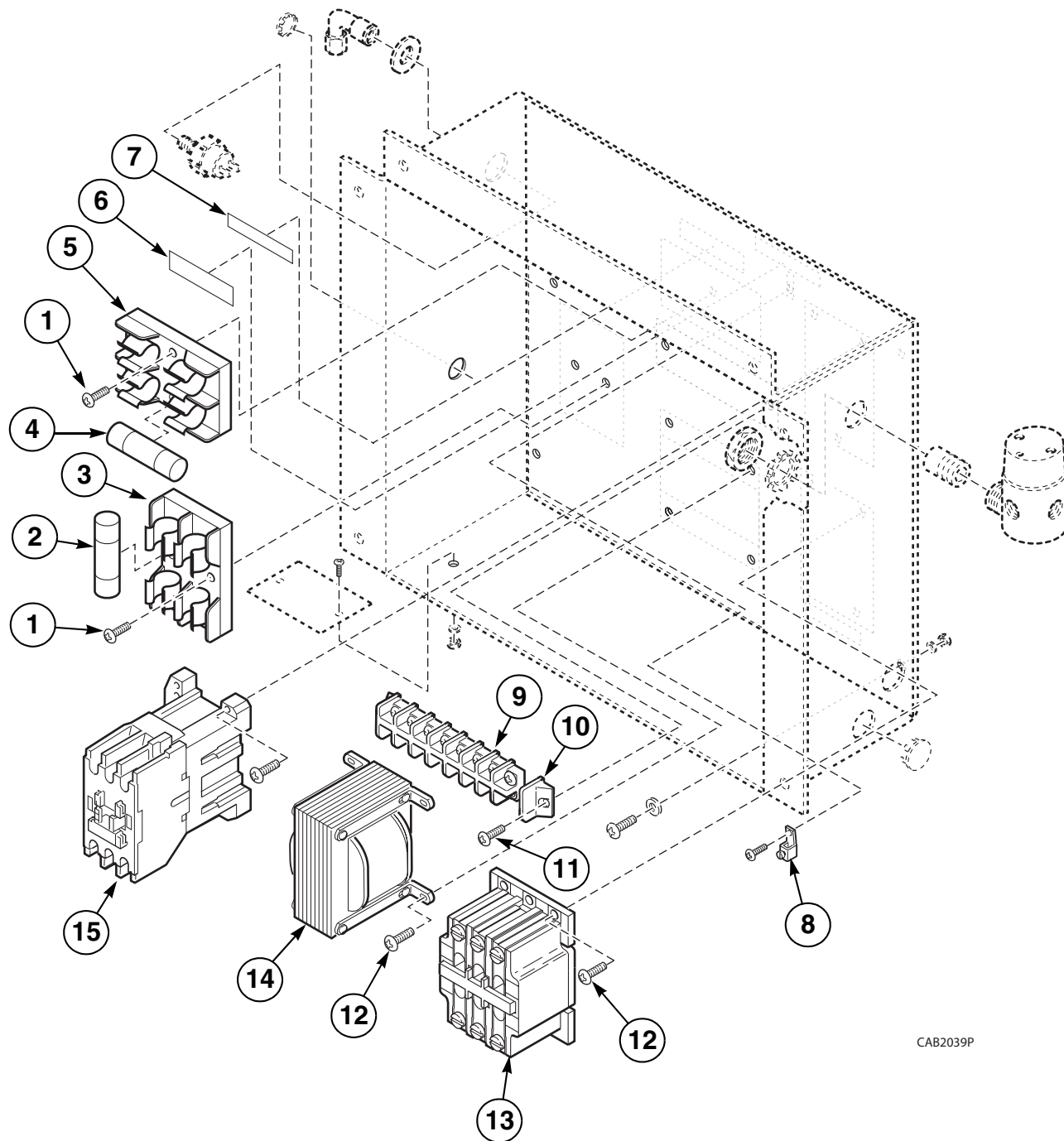
Electrical Control Box for ADFB Models Only (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	N/A	Electrical Control Box	200-208 Volt/50 Hertz/3 Phase or 200-208 Volt/60 Hertz/3 Phase
	N/A	Electrical Control Box	230 Volt/50 Hertz/3 Phase or 230 Volt/60 Hertz/3 Phase
	N/A	Electrical Control Box	460 Volt/50 Hertz/3 Phase or 460 Volt/60 Hertz/3 Phase
	N/A	Electrical Control Box	575 Volt/60 Hertz/3 Phase
	N/A	Electrical Control Box	380-415 Volt/50 Hertz/3 Phase
1	J1364181	Pressure Switch	
2	JA-55711	Hole Plug	1/2 inch
3	JA-50770	Male Compression Elbow	
4	J1001304	Washer	
5	J1210988	Nut	2 required
6	J1040112	Conduit Nipple	
7	J1302983	3-Way Air Solenoid Valve	3-way
8	J1000736	Nut	4 required
9	J1085992	Washer	4 required
10	J1085968	Plug	7/8 inch hole; 3 required
11	N/A	Washer	4 required
12	J1185107	Screw	4 required
13	J1216357	Washer	2 required
14	02788	Nut	2 required
15	N/A	Nameplate	Electrical data
16	J1233162	Screw	2 required

N/A = Part no longer available

Electrical Control Box for ADFB Models Only (Drawing 2 of 2)

Models Through 1992



CAB2039P

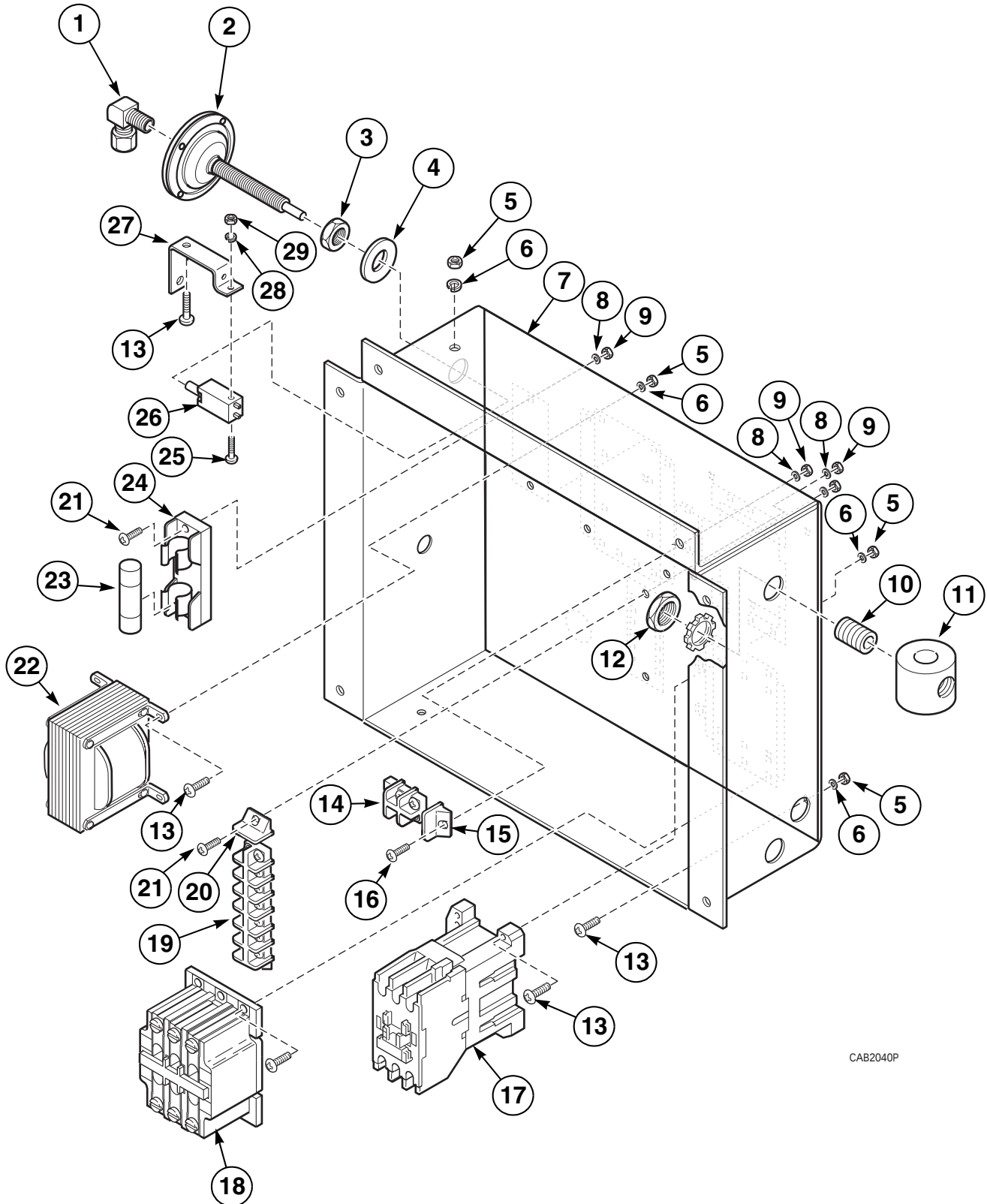
Electrical Control Box for ADFB Models Only (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	JC-25008	Auxiliary Contact	
	JV-198-57	Overload Relay Coil	208 Volt/60 Hertz/3 Phase
	JV-198-56	Overload Relay Coil	230 Volt/60 Hertz/3 Phase
	N/A	Overload Relay Coil	460 Volt/60 Hertz/3 Phase
	JV-198-46	Overload Relay Coil	575 Volt/60 Hertz/3 Phase
	N/A	Overload Relay Coil	200 Volt/50 Hertz/3 Phase
	N/A	Overload Relay Coil	220 Volt/50 Hertz/3 Phase
	N/A	Overload Relay Coil	380 Volt/50 Hertz/3 Phase
	N/A	Overload Relay Coil	415 Volt/50 Hertz/3 Phase
1	J1383355	Screw	2 required
2	J1234665	Fuse	200-208 Volt/50 Hertz/3 Phase; 200-208 Volt/60 Hertz/3 Phase; 230 Volt/50 Hertz/3 Phase; 230 Volt/60 Hertz/3 Phase; 2 required
	N/A	Fuse	460 Volt/50 Hertz/3 Phase; 460 Volt/60 Hertz/3 Phase; 575 Volt/60 Hertz/3 Phase; 380-415 Volt/50 Hertz/3 Phase; 2 required
3	J1235142	Fuse Block	
4	J1235944	Fuse	Lamp
5	J1081710	Fuse Block	
6	J10-607	Ground Wire Label	
7	N/A	Label	Fuse rating
8	J1376987	Ground Lug Terminal	
9	J1081793	Terminal Block	6 required
10	J1085943	End Terminal Block	
11	JC-64014	Screw	4 required
12	J1063619	Screw	9 required
13	JT-126-39	Overload Relay	3 pole; Includes mounting bracket
14	J1268093	Open Frame Transformer	200-208 Volt/50 Hertz/3 or 200-208 Volt/60 Hertz/3 Phase
	JC-73162	Open Frame Transformer	230 Volt/50 Hertz/3; 230 Volt/60 Hertz/3 Phase; 460 Volt/50 Hertz/3 Phase; 460 Volt/60 Hertz/3 Phase
	JC-73163	Open Frame Transformer	575 Volt/60 Hertz/3 Phase
	JC-73164	Open Frame Transformer	380-415 Volt/50 Hertz/3 Phase
15	JC-57855	Contactor	30 Amp

N/A = Part no longer available

Electrical Control Box for ACBBY Models Only

Models Through 1992



CAB2040P

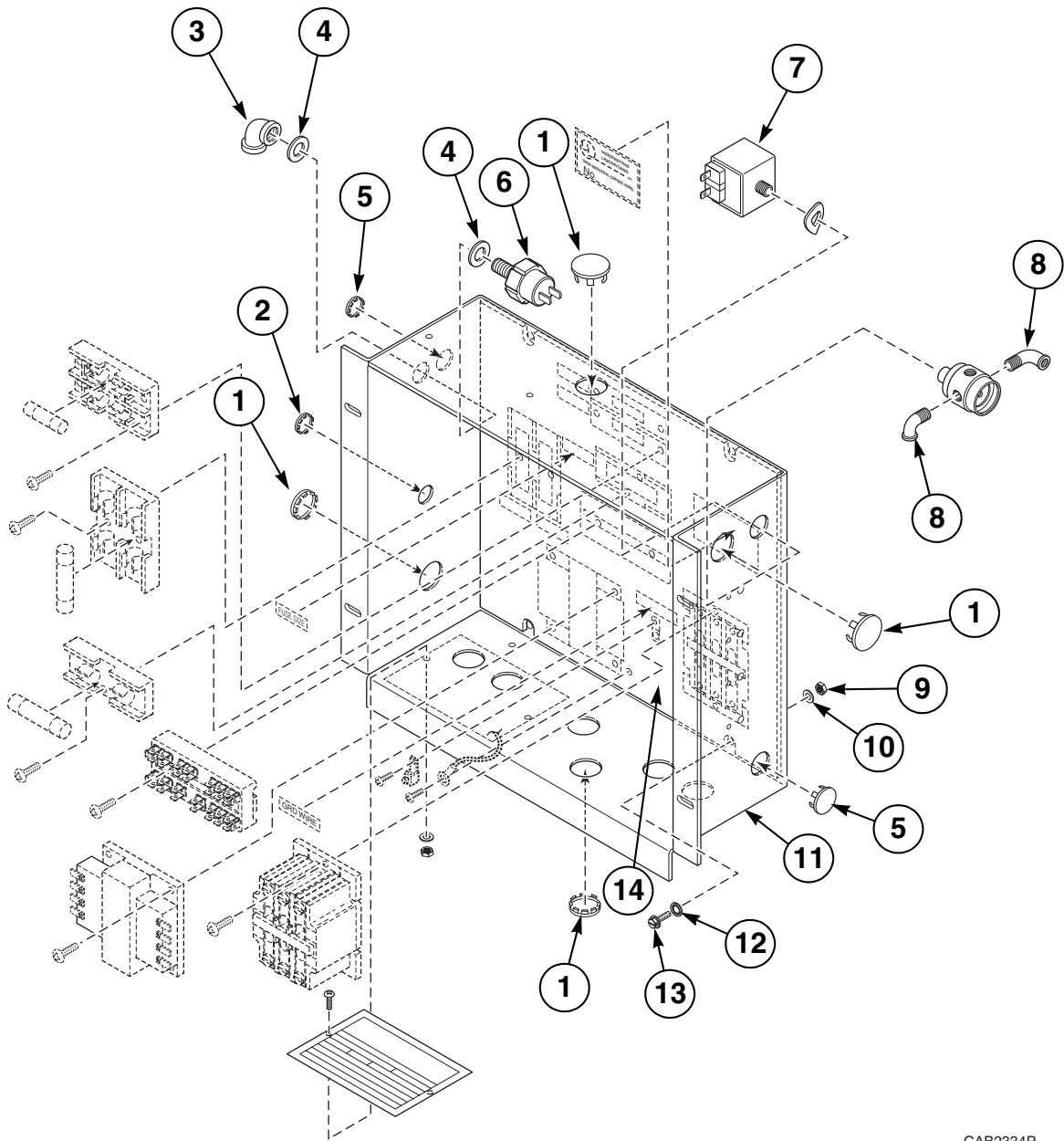
Electrical Control Box for ACBBY Models Only

REF	PART NO.	DESCRIPTION	COMMENTS
	N/A	Electrical Control Box	200-208 Volt/60 Hertz/3 Phase or 200-208 Volt/50 Hertz/3 Phase
	N/A	Electrical Control Box	220-240 Volt/60 Hertz/3 Phase or 220-240 Volt/50 Hertz/3 Phase
	N/A	Electrical Control Box	440-480 Volt/60 Hertz/3 Phase
	N/A	Electrical Control Box	550-600 Volt/60 Hertz/3 Phase
	N/A	Electrical Control Box	380-415 Volt/50 Hertz/3 Phase
	JC-25008	Auxiliary Contact	
	JV-198-60	Overload Relay Coil	200-208 Volt/60 Hertz/3 Phase
	JV-198-57	Overload Relay Coil	220-240 Volt/60 Hertz/3 Phase
	JV-198-51	Overload Relay Coil	440-480 Volt/60 Hertz/3 Phase
	JV-198-48	Overload Relay Coil	550-600 Volt/60 Hertz/3 Phase
	JV-198-61	Overload Relay Coil	200-208 Volt/50 Hertz/3 Phase
	N/A	Overload Relay Coil	380-415 Volt/50 Hertz/3 Phase
	JV-198-60	Overload Relay Coil	440-480 Volt/50 Hertz/3 Phase
1	JC-30732	Elbow	
2	N/A	Diaphragm Assembly	Refer to <i>Diaphragm Assembly</i> section for parts breakdown
3	N/A	Nut	2 required
4	F430319	Washer	
5	J1000736	Nut	12 required
6	J1000975	Washer	12 required
7	N/A	Electric Box Weldment	
8	J1085984	Washer	6 required
9	J1209113	Nut	6 required
10	J1040112	Conduit Nipple	
11	JA-52334	Solenoid Valve	3-way; NC
12	J1210988	Nut	
13	M400044	Screw	12 required
14	N/A	Terminal Block	
15	JC-17249	Terminal Block End	
16	N/A	Screw	2 required
17	N/A	Contactor	
18	JT-126-39	Overload Relay	Includes mounting bracket
19	J1081793	Terminal Block	6 required
20	N/A	Terminal Block End	
21	J1086008	Screw	4 required
22	N/A	Open Frame Transformer	200-208 Volt/60 Hertz/3 Phase or 200-208 Volt/50 Hertz/3 Phase
	J1330497	Open Frame Transformer	220-240 Volt/60 Hertz/3 Phase or 220-240 Volt/50 Hertz/3 Phase or 380-415 Volt/50 Hertz/3 Phase
	N/A	Open Frame Transformer	440-480 Volt/60 Hertz/3 Phase
	N/A	Open Frame Transformer	550-600 Volt/60 Hertz/3 Phase
23	J1246750	Fuse	
24	J1081710	Fuse Block	
25	N/A	Screw	2 required
26	JA-51013	Limit Switch	
27	N/A	Bracket	
28	N/A	Washer	2 required
29	JA-50439	Nut	2 required

N/A = Part no longer available

Control Assembly (Drawing 1 of 2)

Models Starting 1992



CAB2334P

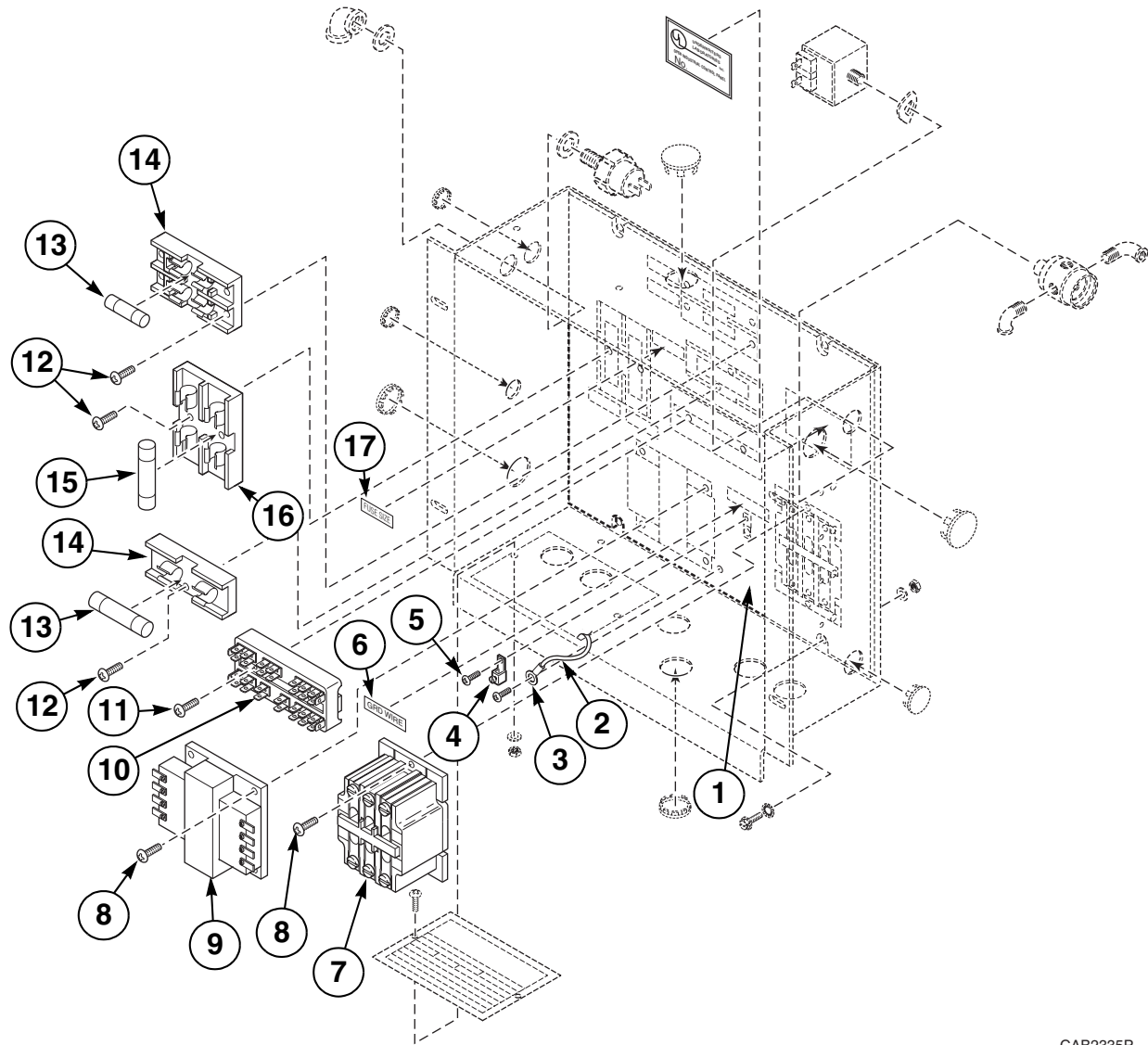
Control Assembly (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	J1378603	Screw	4 required
1	J1085968	Plug	4 required; 1/2 inch diameter
2	JA-55711	Hole Plug	1/2 inch diameter
3	JA-50642	Pipe Elbow	
4	J1001304	Washer	2 required
5	JA-55712	Hole Plug	2 required; 5/8 inch diameter
6	J1364181	Pressure Switch	
7	J1362854	3-Way Solenoid Valve	NC
8	JC-28235	Street Pipe Elbow	2 required
9	J1000736	Nut	4 required
10	JC-80759	Washer	2 required
11	J1545524	Control Enclosure	
	J1393420	Control Box	
12	J1085992	Washer	4 required
13	J1185107	Screw	4 required
14	N/A	Control Panel Assembly	208-240 Volt/3 Phase/50-60 Hertz
	N/A	Control Panel Assembly	460 Volt/3 Phase/60 Hertz
	N/A	Control Panel Assembly	575 Volt/3 Phase/60 Hertz
	N/A	Control Panel Assembly	380-415 Volt/3 Phase/50 Hertz

N/A = Part no longer available

Control Assembly (Drawing 2 of 2)

Models Starting 1992



CAB2335P

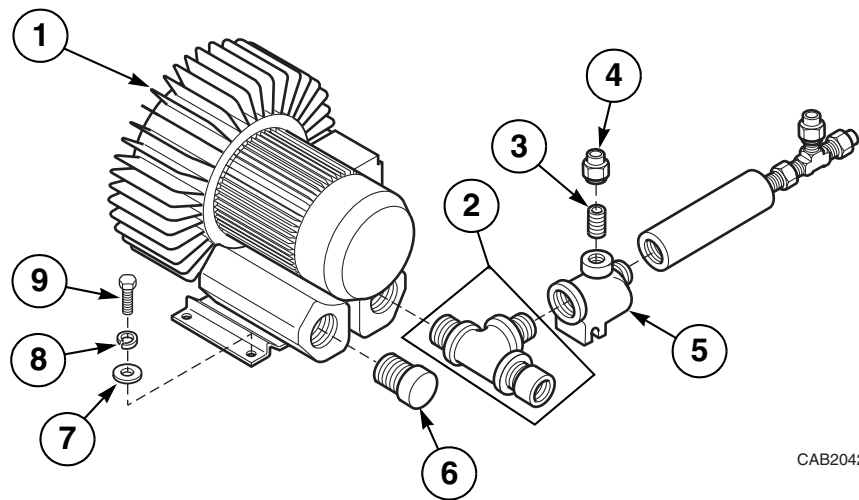
Control Assembly (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	JC-57855	Contactors	30 Amp; 115 Volt; Used with item 7
	45001	18 Gauge Wire	Black; 10 feet required
	J1131333	14 Gauge Wire	Black; 2 feet required
1	N/A	Control Panel	
	J1393461	Electrical Component Mounting Panel	
2	JM-99781	18 Gauge Wire	Green; 10 feet required
3	N/A	Terminal	
4	J1376987	Ground Lug Terminal	
5	JC-64014	Screw	5 required
6	J10-607	Ground Wire Label	
7	JC-25008	Auxiliary Contact	NO
8	J1323153	Screw	8 required
	J1063619	Screw	7 required
9	J1475938	Transformer	208-230-460 Volt/3 Phase/50-60 Hertz
	J1475946	Transformer	575 Volt/3 Phase/60 Hertz
	J1475953	Transformer	380-400-415 Volt/3 Phase/50 Hertz
10	J1081793	Terminal Block	8 required
	JE-66109	Terminal Block	
11	J1378603	Screw	2 required
12	J1383355	Screw	
13	J1235944	Fuse	1 Amp
	JC-31691	Fuse	2 Amp; 250 Volt
	J1477496	Fuse	1 Amp
	J1545417	Fuse	8 Amp
14	J1234616	Fuse Block	3 pole; 250 Volt
	J1401884	Fuse Holder	2 pole; 600 Volt
	J1081710	Fuse Block	1 pole; 250 Volt
15	J1234665	Fuse	10 Amp; 250 Volt
	J1408780	Fuse	5 Amp; 600 Volt
	J1422930	Fuse	6 Amp; 600 Volt
16	J1235142	Fuse Block	2 pole; 250 Volt
17	J1119239	Blank Nameplate	5 required

N/A = Part no longer available

Blower Assembly

Models Starting 1986



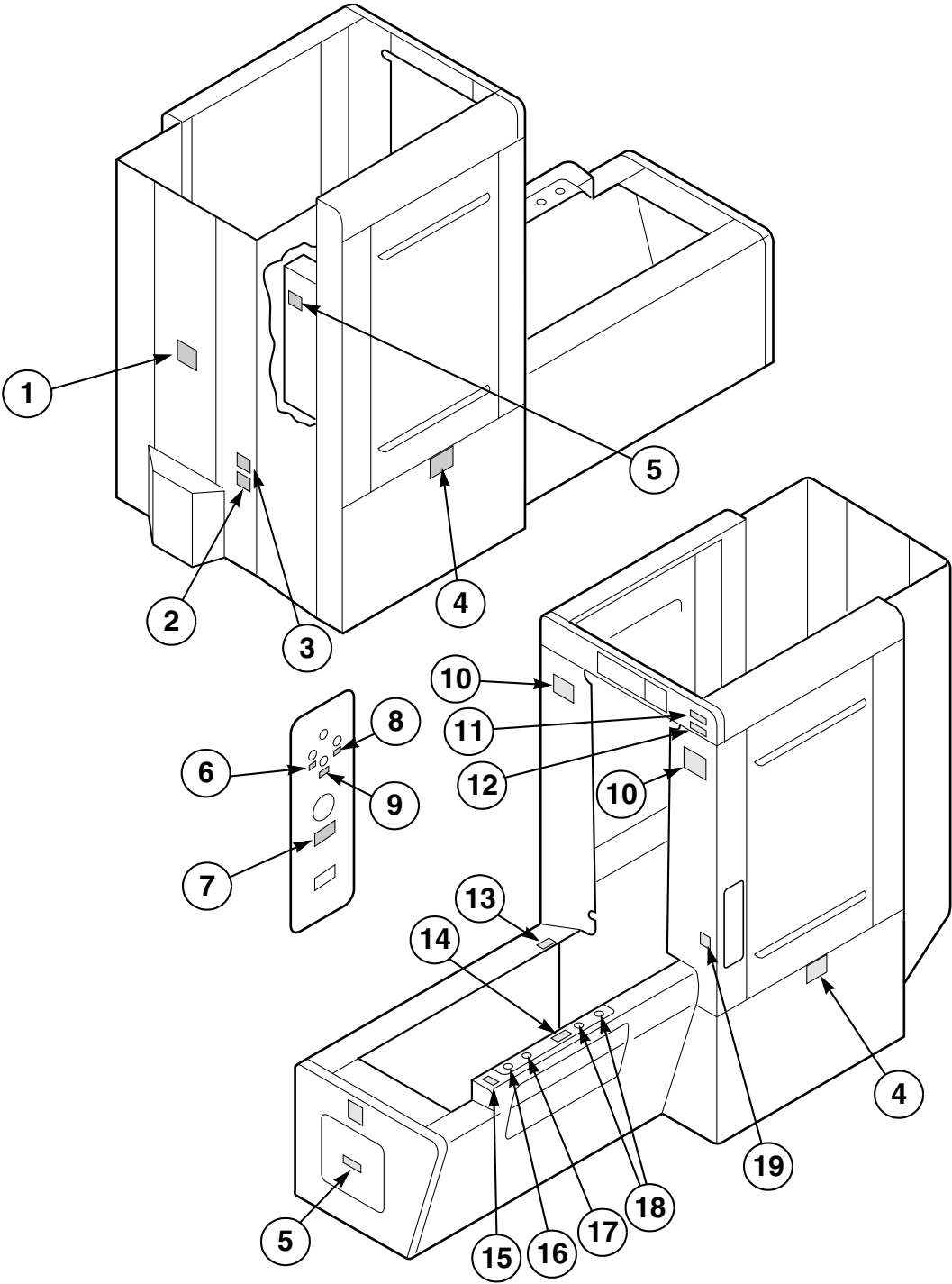
CAB2042P

Blower Assembly

REF	PART NO.	DESCRIPTION	COMMENTS
	J1370634	Pipe Assembly Bushing	Includes items 3 and 4
	J1351204	Bolt	2 required
	JA-51527	Gasket	4 required
1	J0220243-00	Blower	5 Horsepower; 208-230-460 Volt/3 Phase/50-60 Hertz or 230/460 Volt
	N/A	Blower	5 hp; 575 Volt/3 Phase/60 Hertz; Old style
	N/A	Blower	5 hp; 200 Volt/3 Phase/50 Hertz
	N/A	Blower	575 Volt; New style
2	J1479716	Outlet Weldment	
3	J1370568	Pipe Nipple	
4	J1370410	Reducing Bushing	
5	J1370667	Low Pressure Valve Assembly	Refer to <i>Low Pressure Valve Assembly</i> section for parts breakdown
6	J1398544	Pipe Nipple	
7	J1001304	Washer	6 required
8	M400014	Washer	6 required
9	N/A	Screw	6 required

N/A = Part no longer available

Decals and Labels (Drawing 1 of 2)



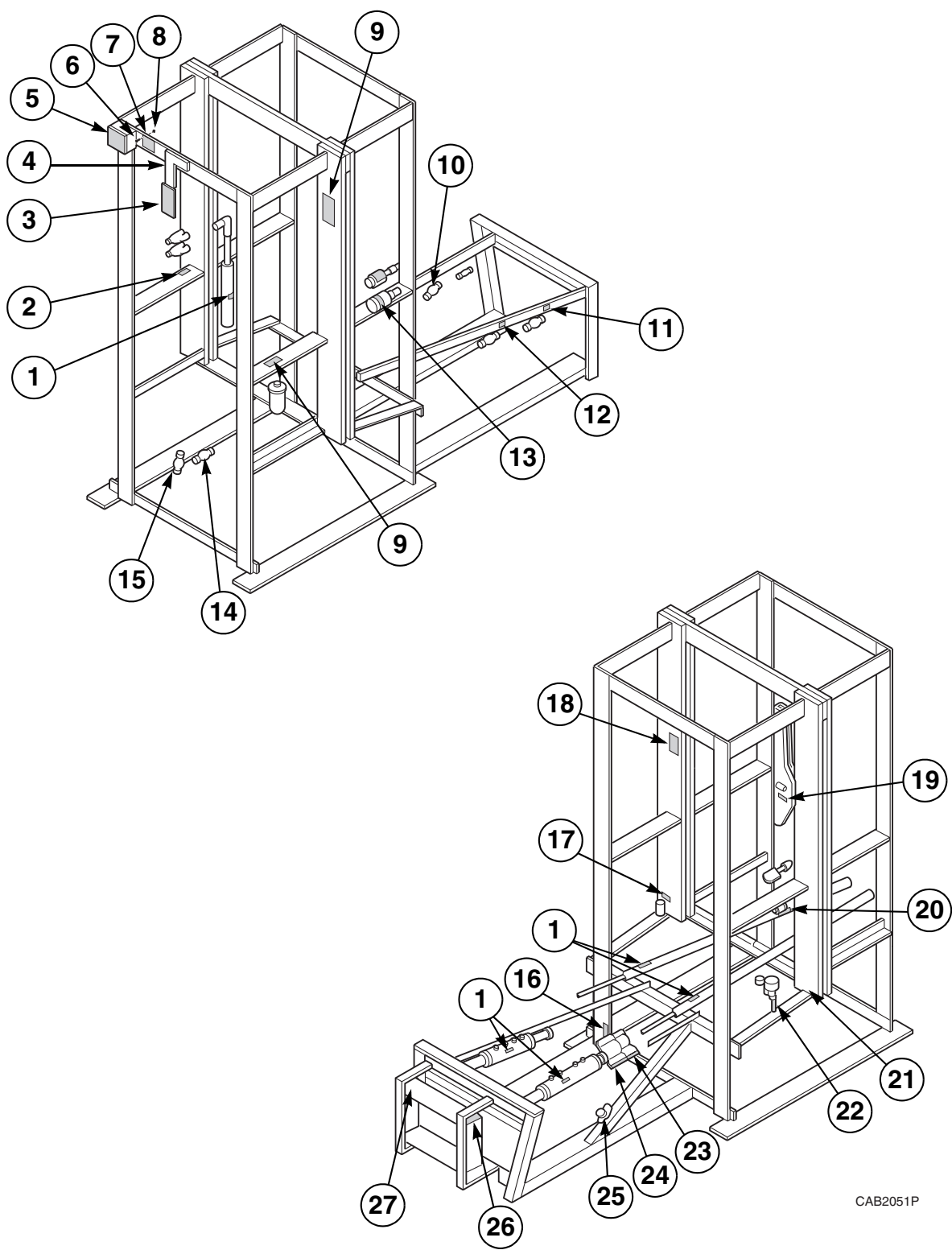
CAB2050P

Decals and Labels (Drawing 1 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
	JA-24606	Card	Important: Pneumatic air system; In bag with miscellaneous parts
1	J200156500	Shut-Off Warning Decal	
2	JA-17842	Air Inlet Label	
3	J1326156	Air Pressure Label	
4	JA-24583	Label	Remove bolts from blower; 2 required
5	J1145689	Danger: Always Nameplate	Disconnect power
6	JA-19054	Stop Decal	
7	JA-21422	Reset Timer Label	
8	JA-19055	Start Label	
9	JA-22165	Off-On Label	
10	JA-28954	Release Label	2 required
11	N/A	Label	To reset air both bucks must be in load position
12	N/A	Air Reset Label	
13	JA-24370	Scotchcal Decal	Clean filter weekly
14	JA-22464	Start Up and Down Sequence Decal	
15	JA-18602	Tail Clamp Release Label	
16	JA-18289	In Label	
17	JA-18606	Head Release Label	
18	JA-24822	Carriage In Label	2 required
19	JA-23782	Buck Selector Label	Buck selection

N/A = Part no longer available

Decals and Labels (Drawing 2 of 2)



CAB2051P

Decals and Labels (Drawing 2 of 2)

REF	PART NO.	DESCRIPTION	COMMENTS
1	JA-16749	Motor Oil Label	5 required
2	JA-23774	Carriage Out Interlock Label	
3	N/A	Card	Leveling instructions
4	JA-80027	Leveling Gauge	
5	J1145689	Danger: Always Nameplate	Disconnect power; 3 required
6	N/A	Screw	2 required
7	J1312545	Fuse Supply Wire Nameplate	Fuse size, circuit breaker
8	J1216357	Washer	Internal tooth; 2 required
9	N/A	Decal	Air system line oiler
10	JA-23775	Rear Carriage In Valve Label	
11	JA-23771	Label	Reset interlock valve; 2 required
12	JA-23776	Front Carriage In Valve Label	
13	JA-23770	Front Carriage Valve Label	
14	JA-23778	Heads Control Label	
15	JA-23779	Heads Control Label	
16	JA-23766	Scotchcal Label	Initial air control
17	JA-23780	Safety Valve Label	
18	JA-24671	Constant HD Label	
19	JA-18833	Quadrant Decal	2 required
20	JA-23781	Heads On and Off Label	
21	JA-23768	Pushbutton Scotchcal Label	
22	JA-23767	NC 3-Way Scotchcal Label	
23	JA-23764	Opens Bag Air Label	
24	JA-23765	Closes Bag Scotchcal Label	
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N/A = Part no longer available

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