

Triple-Pro

Industrial Shirt Press

Parts

PC 356



Part No. AJ0033
Supersedes 356P-1096
10/96

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.

Repair parts orders should include:

- 1) Name of machine
- 2) Model or size of machine
- 3) Serial Number of machine (from data plate)
- 4) Quantity of each part
- 5) Item number of Each Part
- 6) Name of the part

For technical assistance, call (513) 731-5500 or (920) 748-3121.

NOTICE: It is the responsibility of the purchaser of this equipment to training their operating personnel in the proper manner of operation. It is furthermore understood that Alliance Laundry Systems L.L.C. assumes no responsibility for injury, disability, or death resulting from improper operation or the removal or bypassing of electrical or mechanical safety devices incorporated in the design and manufacturing of this machine.

Notes

Lined paper for notes, featuring horizontal ruling lines and three binder holes on the right side.

PRODUCT CODE 356
ILLUSTRATED PARTS MANUAL
Table of Contents
SECTION VI. REPAIR PARTS

Paragraph	Page
6.1 GENERAL.....	6-3
6.2 CONTENTS.....	6-3
6.3 FIGURE AND PARTS LIST TITLES	6-3
6.4 ITEM NO. COLUMN	6-3
6.5 PART NUMBER (NO.) COLUMN	6-3
6.6 DESCRIPTION COLUMN.....	6-3
6.7 UNITS PER ASSEMBLY (ASSY.) COLUMN.....	6-3
6.8 ORDERING REPLACEMENT PARTS	6-3
6.9 ABBREVIATIONS	6-102
Figure	
6-1 Location of Components, Operator's Station	6-4
6-2 Location of Components, Right Rear View	6-5
6-3 Location of Components, Left Rear View	6-6
6-4 Head Closing Assembly	6-8
6-5 Front Head Assembly.....	6-12
6-6 Rear Head Assembly	6-13
6-7 Cylinder Assembly, Head Closing.....	6-14
6-8 Linkage Assembly	6-16
6-9 Lever Arm Assy, Head Mounted	6-18
6-10 Lever Arm Assy, Column Mounted.....	6-19
6-11 Roller Bracket Assembly.....	6-20
6-12 Bumper Assembly, Rear Head Stop	6-21
6-13 Receiving Tube and Buck Assembly.....	6-22
6-14 Tail Clamp Assembly.....	6-24
6-15 Buck Frame Sub-Assembly.....	6-25
6-16 Receiving Tube Assembly.....	6-26
6-17 Tail Clamp Cylinder Assembly	6-28
6-18 Valve and Bracket Assembly	6-29
6-19 Buck Support Assembly	6-31
6-20 Air Cylinder & Bracket Unloading.....	6-33
6-21 Air Cylinder & Bracket Dressing.....	6-34
6-22 Indexing Assembly.....	6-36
6-23 Air Cylinder Assembly	6-38
6-24 Detent Pin Assembly	6-39
6-25 Buck Locking Assembly	6-41
6-26 Locking Plate Assembly	6-43
6-27 Cylinder Assembly, Locking Plate	6-44
6-28 Buck Assembly	6-46
6-29 Air System	6-48
6-30 Air Bag Assembly	6-53
6-31 Air Inlet Assembly	6-54
6-32 Low Pressure Air System	6-56
6-33 Butterfly Damper Assembly	6-58
6-34 Damper Box Assembly	6-60
6-35 Air Filter Box & Damper Assembly	6-62
6-36 Discharge Tube Assembly.....	6-64

PRODUCT CODE 356
ILLUSTRATED PARTS MANUAL
Table of Contents
SECTION VI. REPAIR PARTS

Figure	Page
6-37 Steam System	6-66
6-38 Steam Coil	6-70
6-39 Discharge Elbow Assembly	6-71
6-40 Condenser Tank	6-72
6-41 Heat Exchanger	6-74
6-42 Shirt Take-Away System, R.H. Unloading	6-76
6-43 Shirt Take-Away System, L.H. Unloading	6-78
6-44 Shirt Take-Away Assy, Right Hand	6-80
6-45 Shirt Take-Away Assy, Left Hand	6-84
6-46 Mendline Assembly, Right Hand	6-88
6-47 Mendline Assembly, Left Hand	6-89
6-48 Gripper Assembly	6-90
6-49 Covers	6-92
6-50 Labels	6-94
6-51 Control Panel Assembly	6-96
6-52 Control Assembly	6-98
6-53 Machine Electrical Parts & Conduit	6-100

SECTION VI

REPAIR PARTS

6.1 GENERAL

This section contains an illustrated parts breakdown of the machine and related parts lists. Use this section when ordering repair parts.

6.2 CONTENTS

Illustrations and related parts listings are provided with descriptions of assemblies and parts used on the machine. For cross reference purposes the index numbers on the figures and item numbers listed on the ITEM NO. column are the same.

6.3 FIGURE AND PARTS LIST TITLES

The figure and parts illustrated on the accompanying parts list are both assigned the same title.

6.4 ITEM NUMBER (NO.) COLUMN

The item number listed in the parts list ITEM NO. column is formed by the figure number and the index number assigned to the part on the referenced figure.

6.5 PART NUMBER (NO.) COLUMN

The part number listed in the PART NO. column is an American Laundry Machinery, Inc. (ALMI) assigned part number and must be used for ordering repair parts from ALMI.

6.6 DESCRIPTION COLUMN

The name of an assembly or part is listed in the DESCRIPTION column opposite the the part number assigned it. The relationship of assemblies and parts is shown by the indent level under the numbers 1 through 7 in the DESCRIPTION column heading. The complete machine have an indent level of 2. Parts of an assembly or a sub-assembly have an indent level of 3. Additional sub-assemblies or parts or such sub-assemblies have an indent level of 4 through 7 as applicable.

6.7 UNITS PER ASSEMBLY (ASSY.) COLUMN

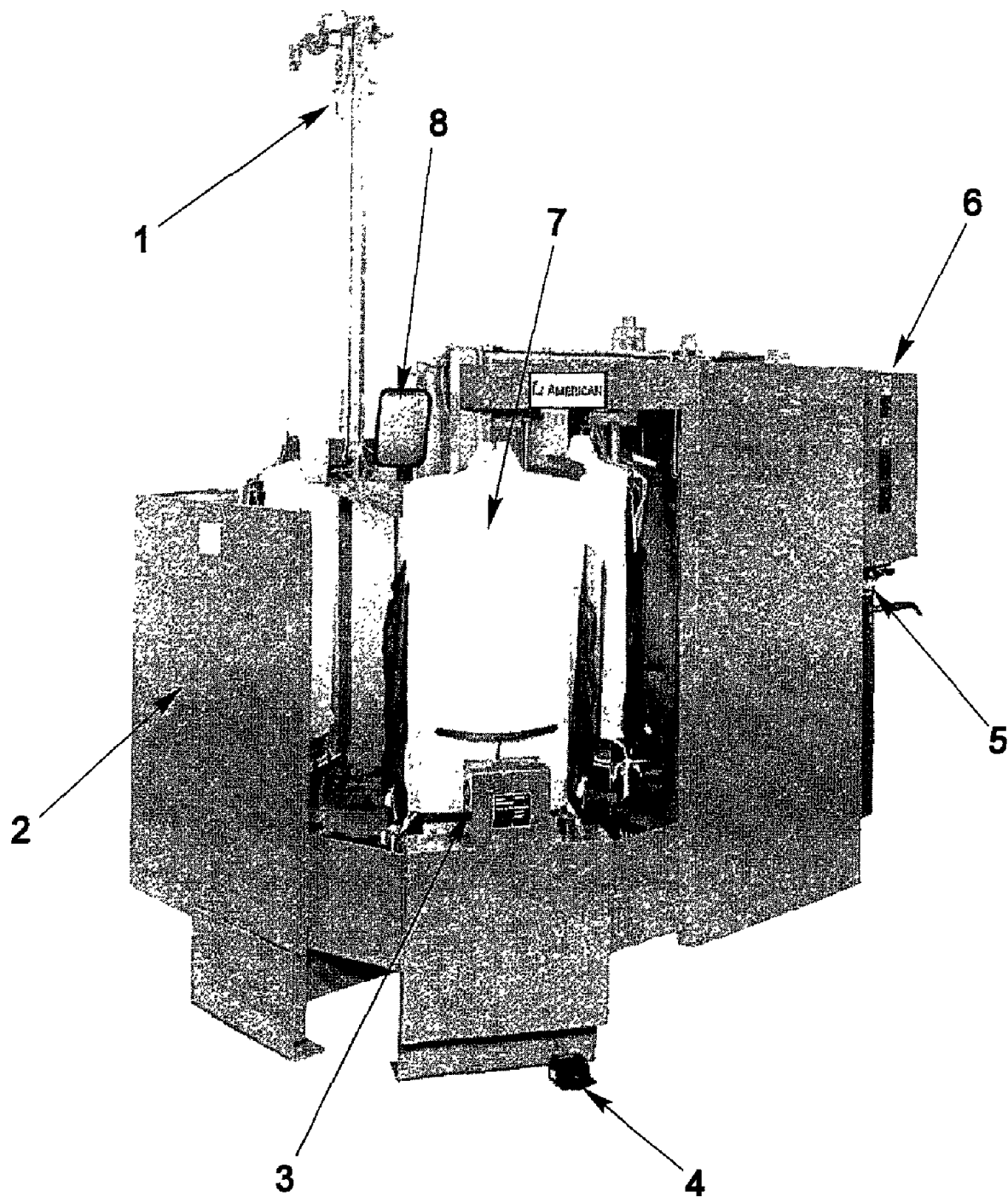
The number listed in the UNITS PER ASSY. column is the quantity required of the listed part in its immediate assembly. The abbreviation "ref"

6.8 ORDERING REPLACEMENT PARTS

Whenever ordering replacement parts from American Laundry Machinery, Inc. (ALMI) it is ESSENTIAL to give complete nameplate data, including MACHINE SERIAL NUMBER. (See inside back cover.)

6.9 ABBREVIATIONS

Abbreviations used throughout the manual are listed in Table 6-2.



1. Shirt Take-Away System
2. Covers
3. Operator Controls
4. Foot Padel

5. Air Inlet Assembly
6. Control Box
7. Buck
8. Mirror

Figure 6-1. Location of Components - Operator's Station

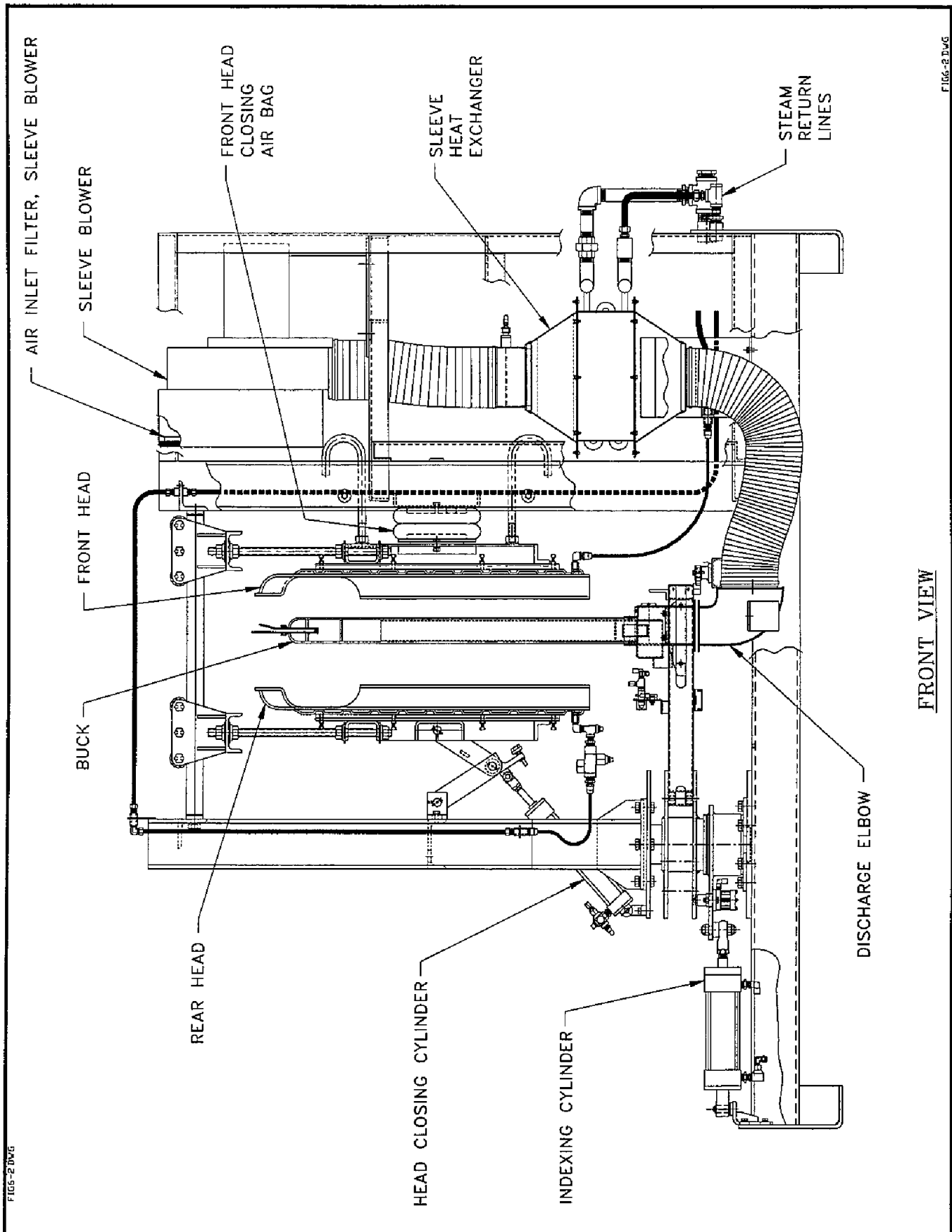


Figure 6-2. Location of Components - Front View

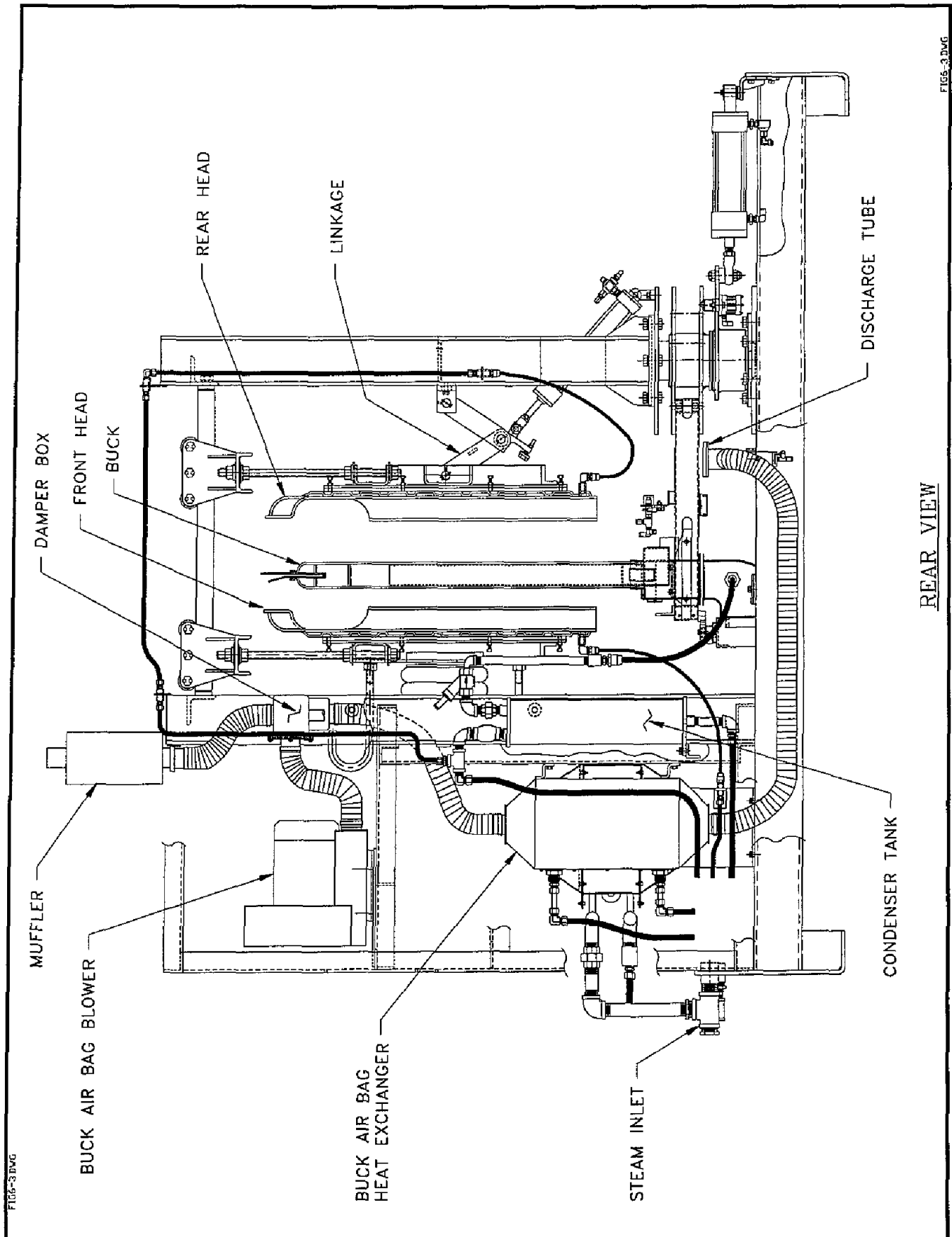


Figure 6-3. Location of Components - Rear View

THIS PAGE INTENTIONALLY LEFT BLANK

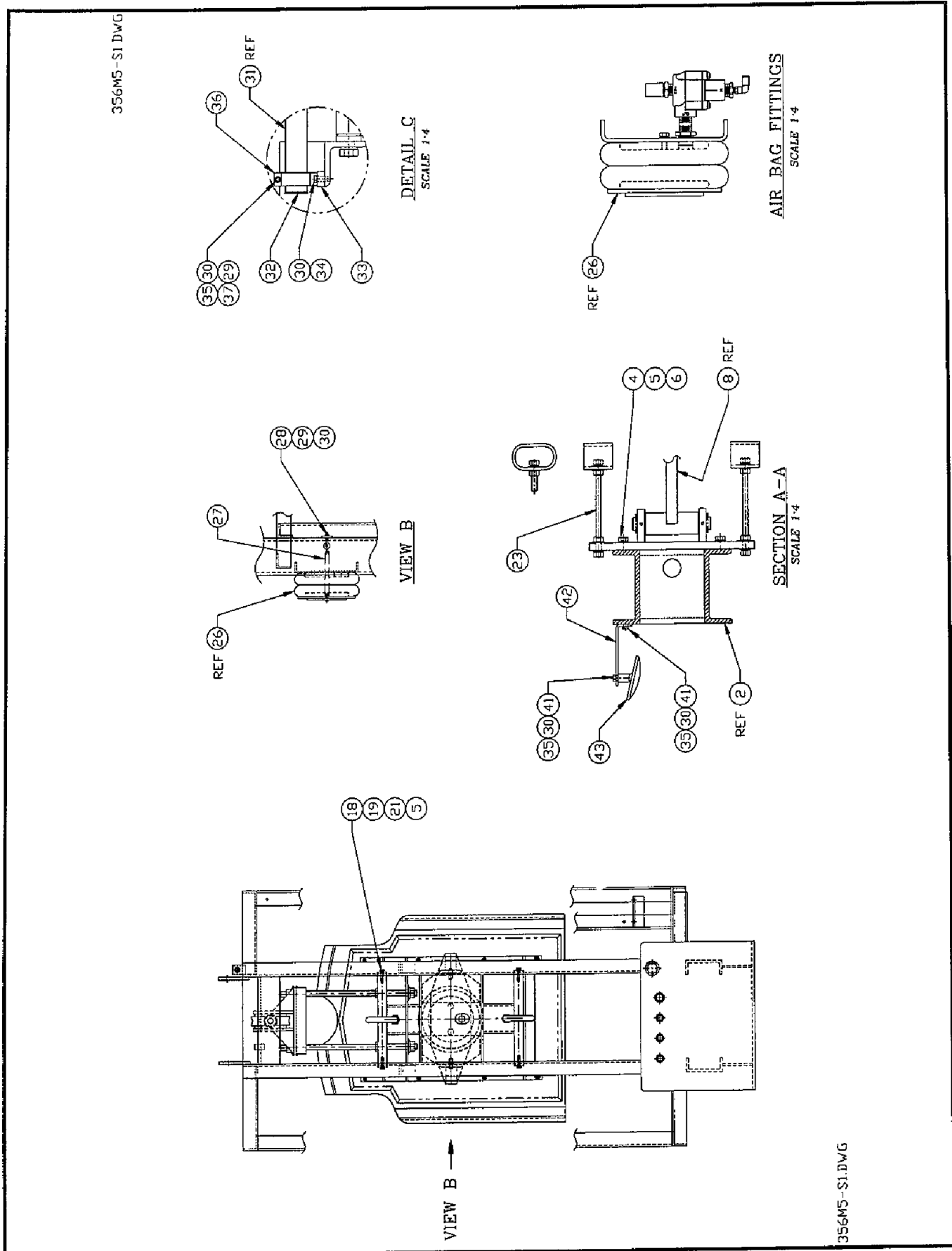


Figure 6-4. Head Closing Assembly (Sheet 1 of 2)

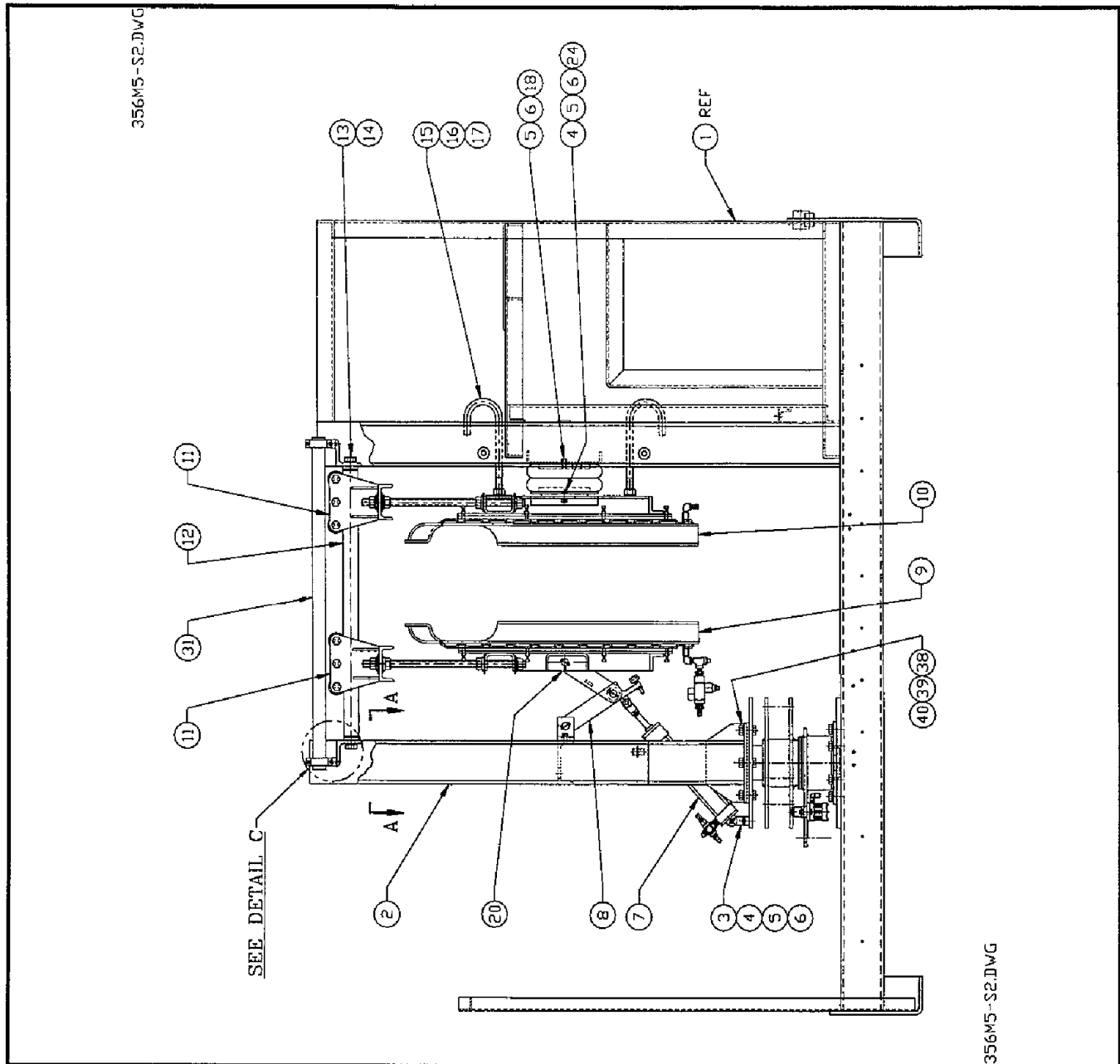


Figure 6-4. Head Closing Assembly (Sheet 2 of 2)

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-4--	ref	HEAD CLOSING ASSEMBLY							ref
6-4-1	--	not used							
6-4-2	1538305	CENTER COLUMN WELDMENT							1
6-4-3	1552462	BRACKET, Cylinder Mounting							1
6-4-4	C-62123	SCREW, hex hd, 3/8-16 x 7/8"lg							6
6-4-5	1001064	LOCKWASHER, Spring, 3/8"							14

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-4-6	1001304	WASHER, PLAIN, 3/8"							8
6-4-7	1555192	CYLINDER ASSEMBLY, Head Closing (see Figure 6-7 for breakdown)							1
6-3-8	1546126	LINKAGE ASSEMBLY (see Figure 6-8 for breakdown)							1
6-4-9	1551314	REAR HEAD ASSEMBLY (see Figure 6-6 for breakdown)							1
6-4-10	1552322	FRONT HEAD ASSEMBLY (see Figure 6-5 for breakdown)							1
6-4-11	1405786	ROLLER BRACKET ASSEMBLY (see Figure 6-11 for breakdown)							2
6-4-12	1552272	RAIL WELDMENT							1
6-4-13	C-63204	SCREW, hex hd, 3/4-10 x 2"lg							2
6-4-14	C-43257	LOCKWASHER, Spring, Medium, ZnP stl, 3/4"lg							2
6-4-15	1552512	ROD, Hook							2
6-4-16	1000918	NUT, hex, full, ZnP stl, 3/4-10							2
6-4-17	A-53116	LOCKWASHER, Star, 3/4"							2
6-4-18	1123389	SCREW, hex hd, 3/8-16 x 3/4"lg							6
6-4-19	1556000	ROD, Head Stop							2
6-4-20	C-62303	SCREW, Set, hex skt hd, 1/4-20 x 1/2"lg							2
6-4-21	1545185	WASHER, Head Stop							4
6-4-22	--	not used							
6-4-23	1564152	BUMPER ASSEMBLY, Rear Head Stop (see Figure 6-12 for breakdown)							1
6-4-24	1000827	NUT, hex, full, 3/8-16							6
6-4-25	C-80761	WASHER, Plain, 3/8"							4
6-4-26	ref	AIR BAG ASSEMBLY (see Figure 6-30 for breakdown)							ref
6-4-27	1055029	SPRING, Extension, .105 Music wire, 7" free length							2
6-4-28	1382878	BOLT, Eye, 1/4-20							2
6-4-29	1000769	NUT, hex, full, 1/4-20							6
6-4-30	1185073	LOCKWASHER, Spring, Med, ZnP stl, 1/4"							11
6-4-31	1561380	TUBE, Conduit							1
6-4-32	1235282	INSULINER							2
6-4-33	1561398	BLOCK, Conduit Tube							2
6-4-34	1238518	SCREW, hex hd, 1/4-20 x 1"lg							2
6-4-35	C-80513	WASHER, Plain, 1/4"							5
6-4-36	C-35100	CLAMP, Conduit							2
6-4-37	A-50125	SCREW, hex hd, 1/4-20 x 1-1/2"lg							2
6-4-38	C-62766	SCREW, hex hd, 5/8-11 x 1-3/4"lg							6
6-4-39	1001122	LOCKWASHER, Spring, 5/8"							6
6-4-40	1001361	WASHER, Plain, 5/8"							6
6-4-41	^ 53020	SCREW, hex hd, 1/4-20 x 3/4"lg							3
6-4-42	1560754	BRACKET, Mirror							1
6-4-43	1530955	MIRROR							1

**THIS PAGE INTENTIONALLY
LEFT BLANK**

PRODUCT CODE 356

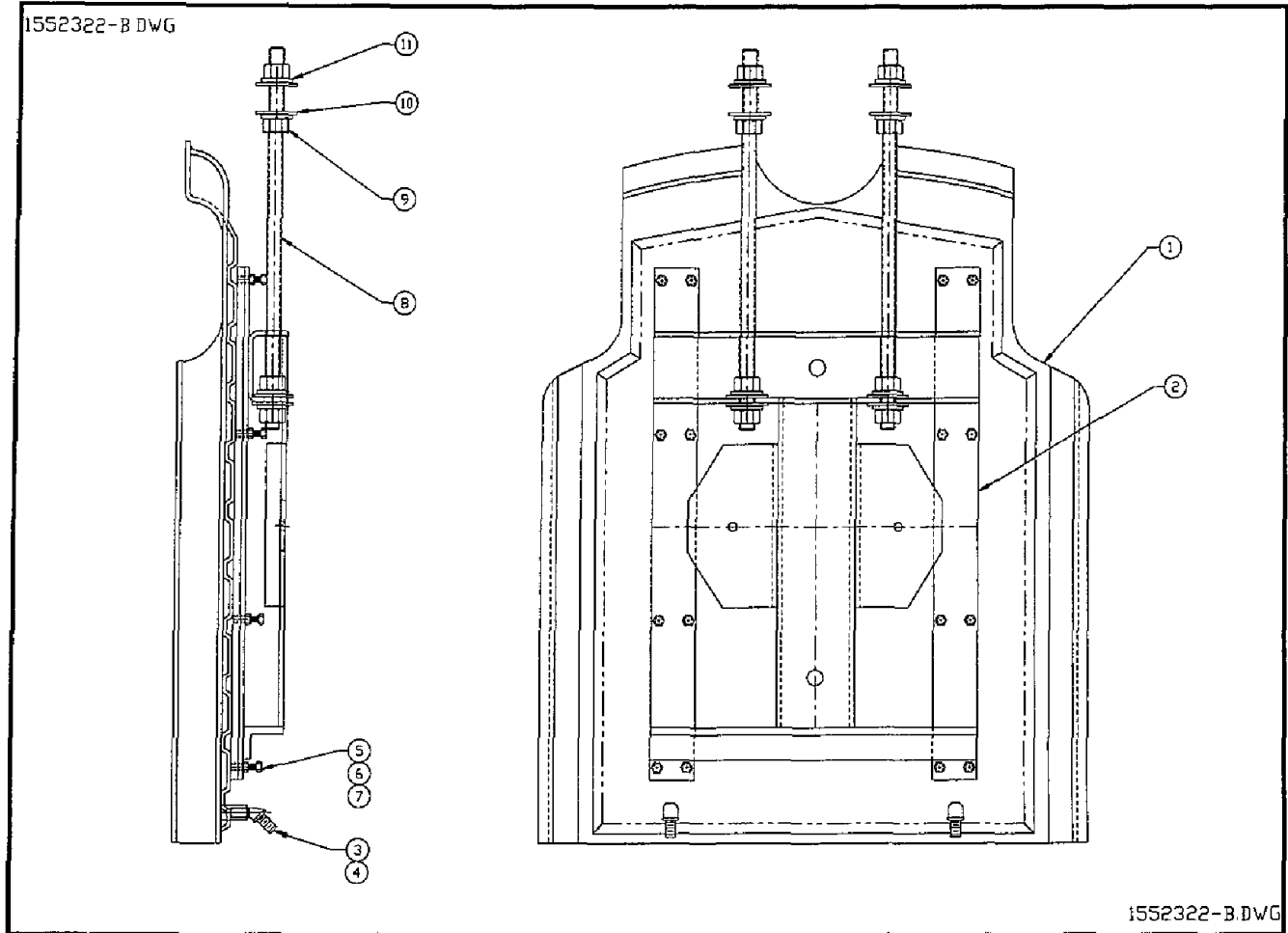
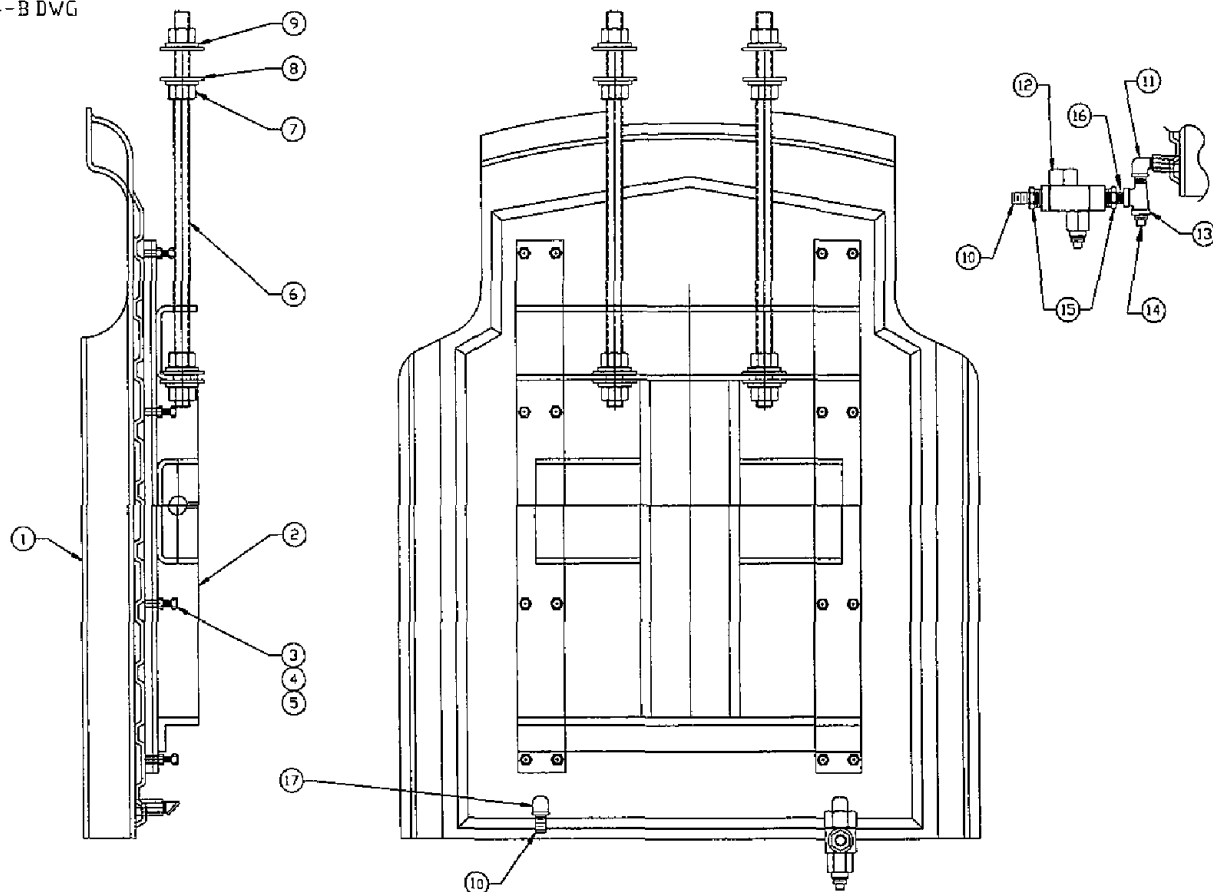


Figure 6-5. Front Head Assembly

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-5--	1552322	FRONT HEAD ASSEMBLY							ref
6-5-1	1552165	FRONT HEAD WELDMENT							1
6-5-2	1552231	FRAME WELDMENT, Front head							1
6-5-3	C-28236	ELBOW, Pipe, street, 45°, bi, 1/4npt							2
6-5-4	1319276	CONNECTOR, flared, 45°, 3/8t x 1/4npt							2
6-5-5	A-52158	SCREW, Cap, hex hd, grade 5, Z/P stl, 5/16-18 x 1"lg							16
6-5-6	1000793	NUT, hex, full, Z/P stl, 5/16-18							16
6-5-7	C-43264	LOCKWASHER, Ext tooth, Z/P stl, 5/16"							16
6-5-8	1550755	ROD, Head Mounting							2
6-5-9	1000918	NUT, hex, full, Z/P stl, 3/4-10							8
6-5-10	C-80565	WASHER, Plain, Z/P stl, type A, 3/4"							8
6-5-11	A-53116	LOCKWASHER, Ext. tooth, Z/P stl, 3/4"							8

PRODUCT CODE 356

1552314-B DWG



1552314-B.DWG

Figure 6-6. Rear Head Assembly

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-6--	1552314	REAR HEAD ASSEMBLY							ref
6-6-1	1552173	REAR HEAD WELDMENT							1
6-6-2	1552249	FRAME, Rear Head Weldment							1
6-6-3	A-52158	SCREW, Cap, hex hd, grade 5, Z/P stl, 5/16-18 x 1"lg							16
6-6-4	1000793	NUT, hex, full, Z/P stl, 5/16-18							16
6-6-5	C-43264	LOCKWASHER, Ext tooth, Z/P stl, 5/16"							16
6-6-6	1550755	ROD, Head Mounting							2
6-6-7	1000918	NUT, Hex full, Z/P stl, 3/4-10							8
6-6-8	C-80565	WASHER, Plain, Z/P stl, type A, 3/4"							8
6-6-9	A-53116	LOCKWASHER, Ext. tooth, Z/P stl, 3/4"							8
6-6-10	1319276	CONNECTOR, flared, 45°, 3/8t x 1/4npt							2
6-6-11	1231521	ELBOW, Street, 90°, bi, 1/4npt							1
6-6-12	1408905	TRAP, Compressed air, 1/2npt							1
6-6-13	1266808	TEE, Pipe, service, 1/4npt							1
6-6-14	A-50699	PLUG, Pipe, sq hd, stl, 1/4npt							1
6-6-15	C-19682	BUSHING, Pipe, hex, reduce, mi, 1/2 x 1/4npt							1
6-6-16	1151752	NIPPLE, Pipe, sch 40, bi, 1/4npt x close							1
6-6-17	C-28236	ELBOW, Pipe, street, 45°, bi, 1/4npt							1

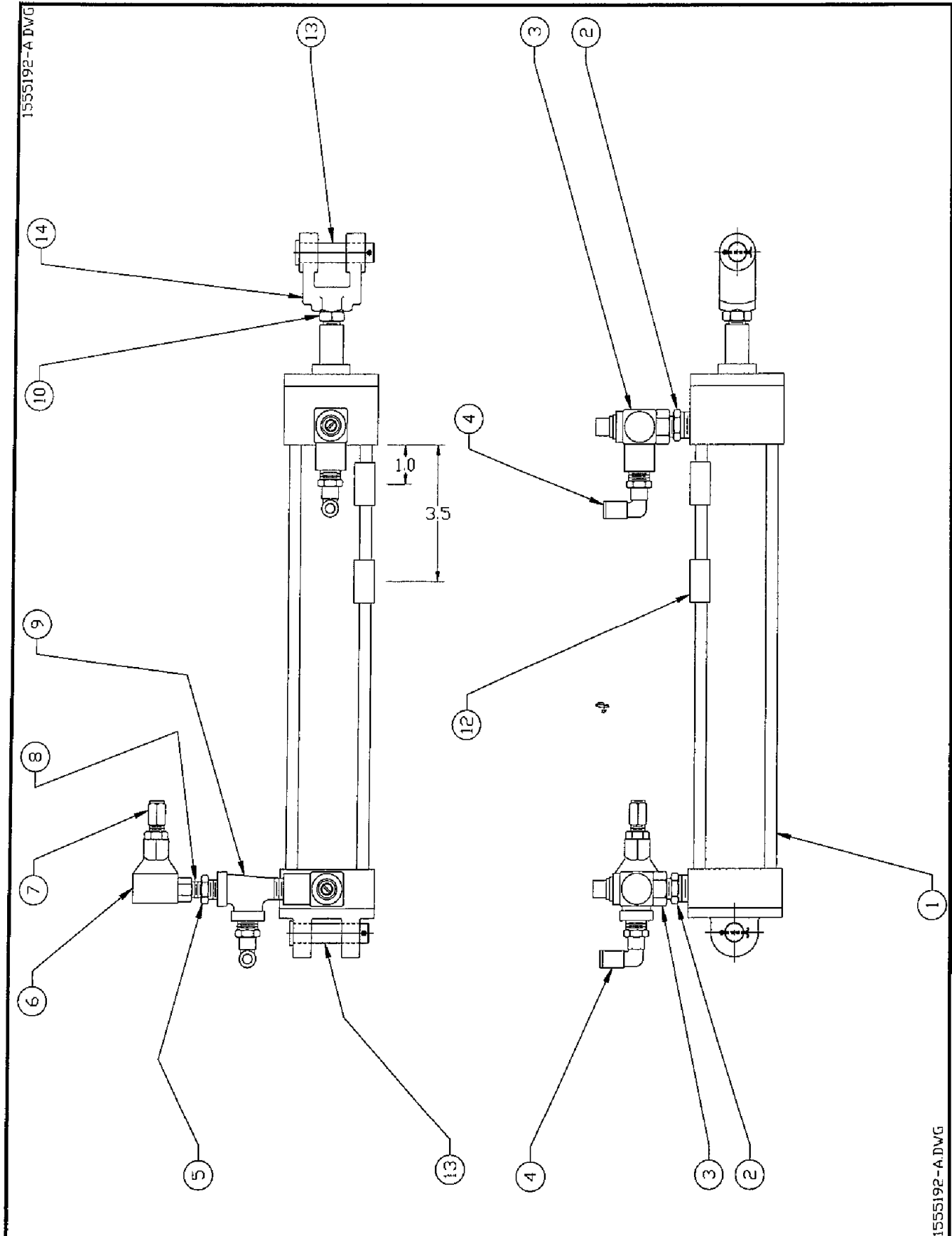


Figure 6-7. Cylinder Assembly, Head Closing

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-7--	1555192	CYLINDER AIR ASSEMBLY, Rear Head Closing							ref
6-7-1	1566181	CYLINDER, Air, double acting, magnetic piston, 2"bore x 9-1/2"stroke							1
6-7-2	C-19662	BUSHING, Reduce hex, 3/8npt x 1/4npt							2
6-7-3	1404391	VALVE, Flow Control, 1/4npt							2
6-7-4	1419811	ELBOW, Tubing, swivel, male, 1/4t x 1/4npt							2
6-7-5	C-19609	BUSHING, Pipe, hex, reduce, mi. 1/4 x 1/8npt							1
6-7-6	A-56925	VALVE, Air, Quick Exhaust, 1/8npt Inlet/Outlet, 1/4npt Exhaust							1
6-7-7	1408004	CONNECTOR, Tubing, male, 1/4t x 1/8npt, qc							1
6-7-8	1232313	NIPPLE, Pipe, sch 40, bi, 1/8npt x close							1
6-7-9	1266808	TEE, Pipe, run, service, bi, 1/4npt							1
6-7-10	A-51474	NUT, hex, jam, ZAP stl, 7/16-20							1
6-7-11	--	not used							
6-7-12	1566173	SWITCH, Magnetic							2
6-7-13	1566199	PIN, Clevis, 1/2 dia x 2"lg							2
6-7-14	1566207	CLEVIS, Female Rod, 7/16 thd, 1/2 dia. Pin							1

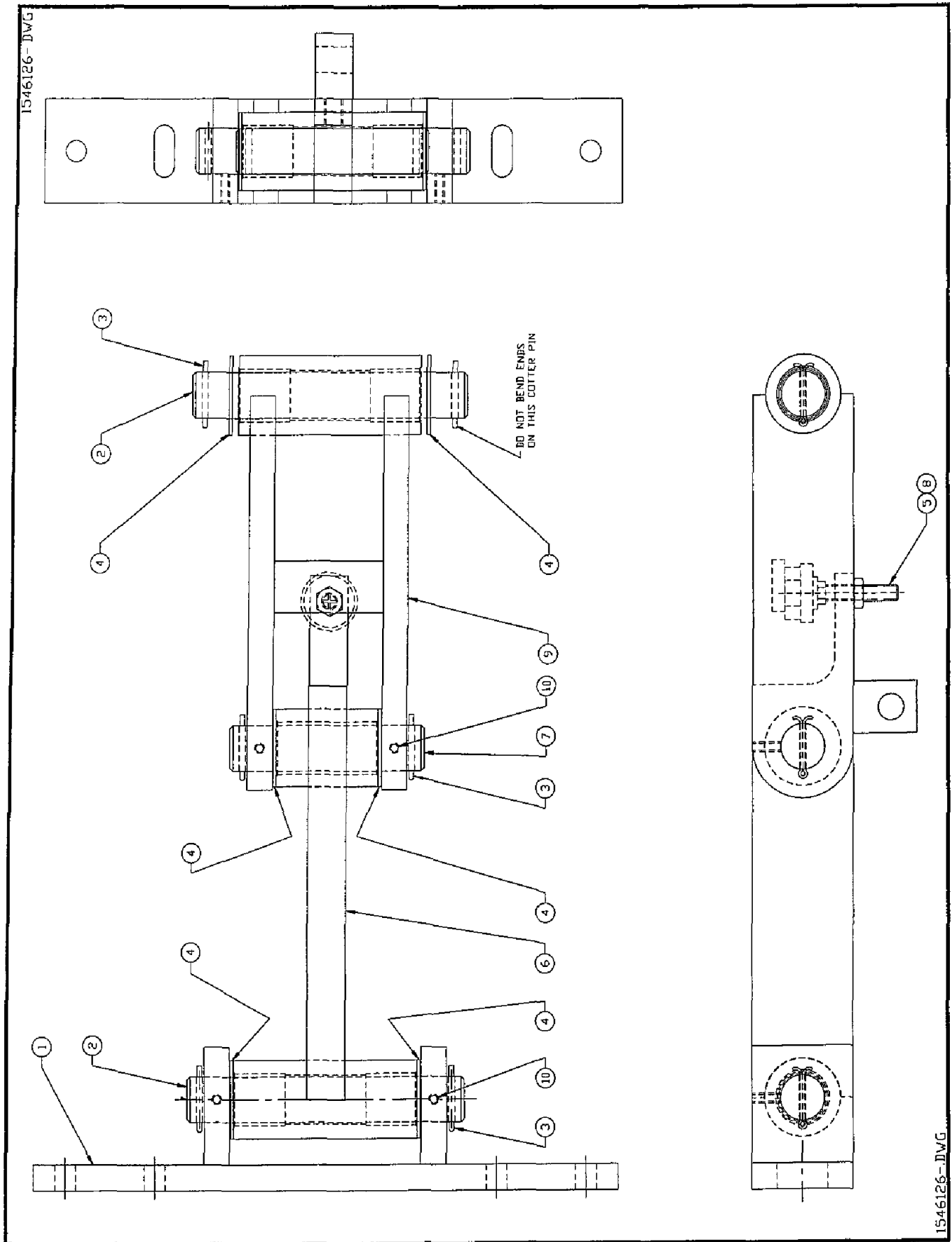


Figure 6-8. Linkage Assembly

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-8--	1546126	LINKAGE ASSEMBLY							ref
6-8-1	1538321	BRACKET, Lever Arm, Column Mounted Weldment							1
6-8-2	1547488	PIN, Pivot, long							2
6-8-3	C-54858	PIN, Cotter							4
6-8-4	1555051	BEARING, Oilless, Thrust, 7/8 x 1-1/2 x .0585 thk							6
6-8-5	1000793	NUT, hex, full, 5/16-18							1
6-8-6	1561232	LEVER ARM ASSEMBLY, Column Mounted (see Figure 6-10 for breakdown)							1
6-8-7	1547496	PIN, Pivot, short							1
6-8-8	1042480	BUMPER, 5/16-18 thd							1
6-8-9	1561224	LEVER ARM ASSEMBLY, Head Mounted (see Figure 6-9 for breakdown)							1
6-8-10	C-62303	SCREW, Set, 1/4-20 x 1/2"lg							4

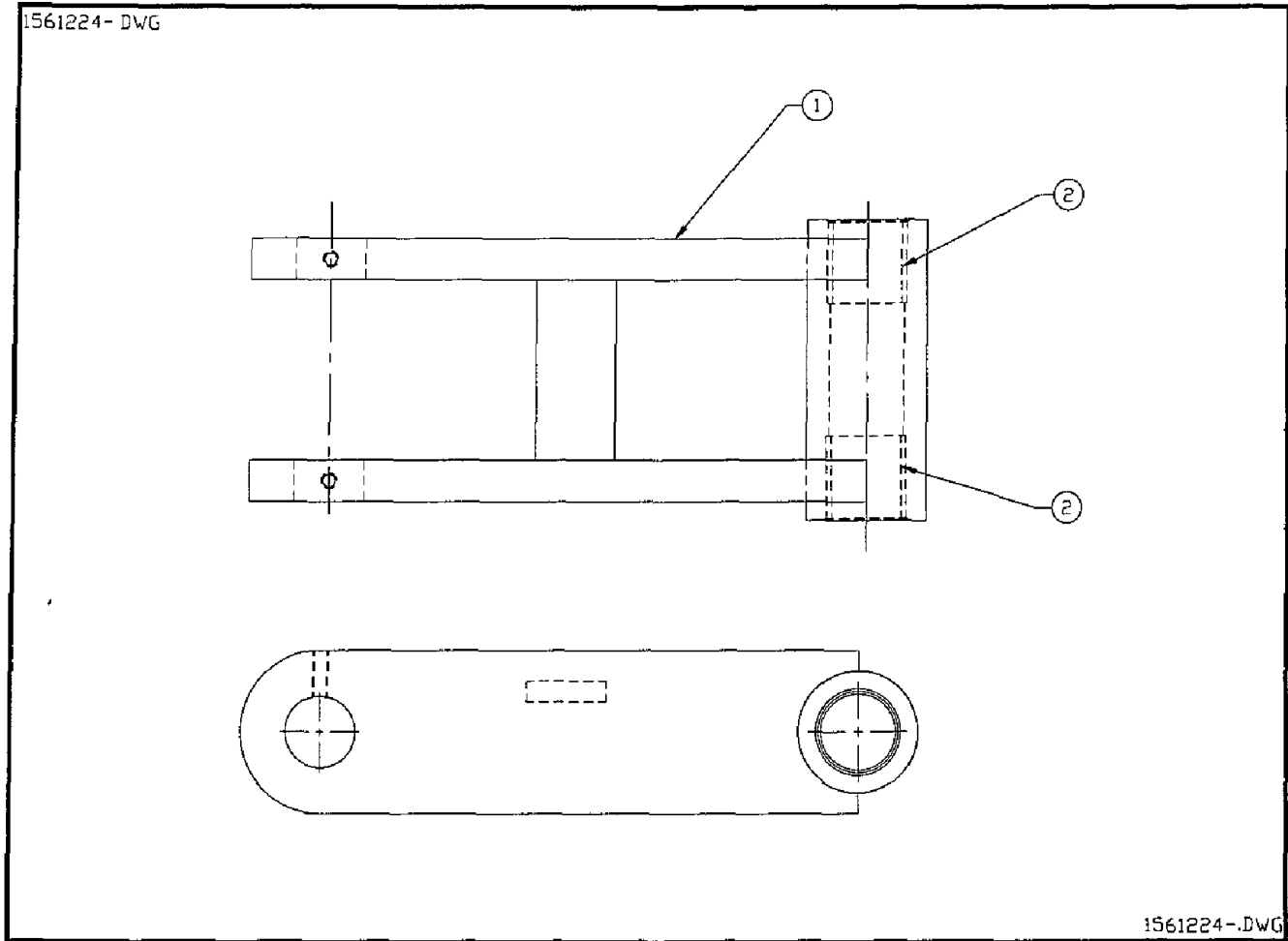
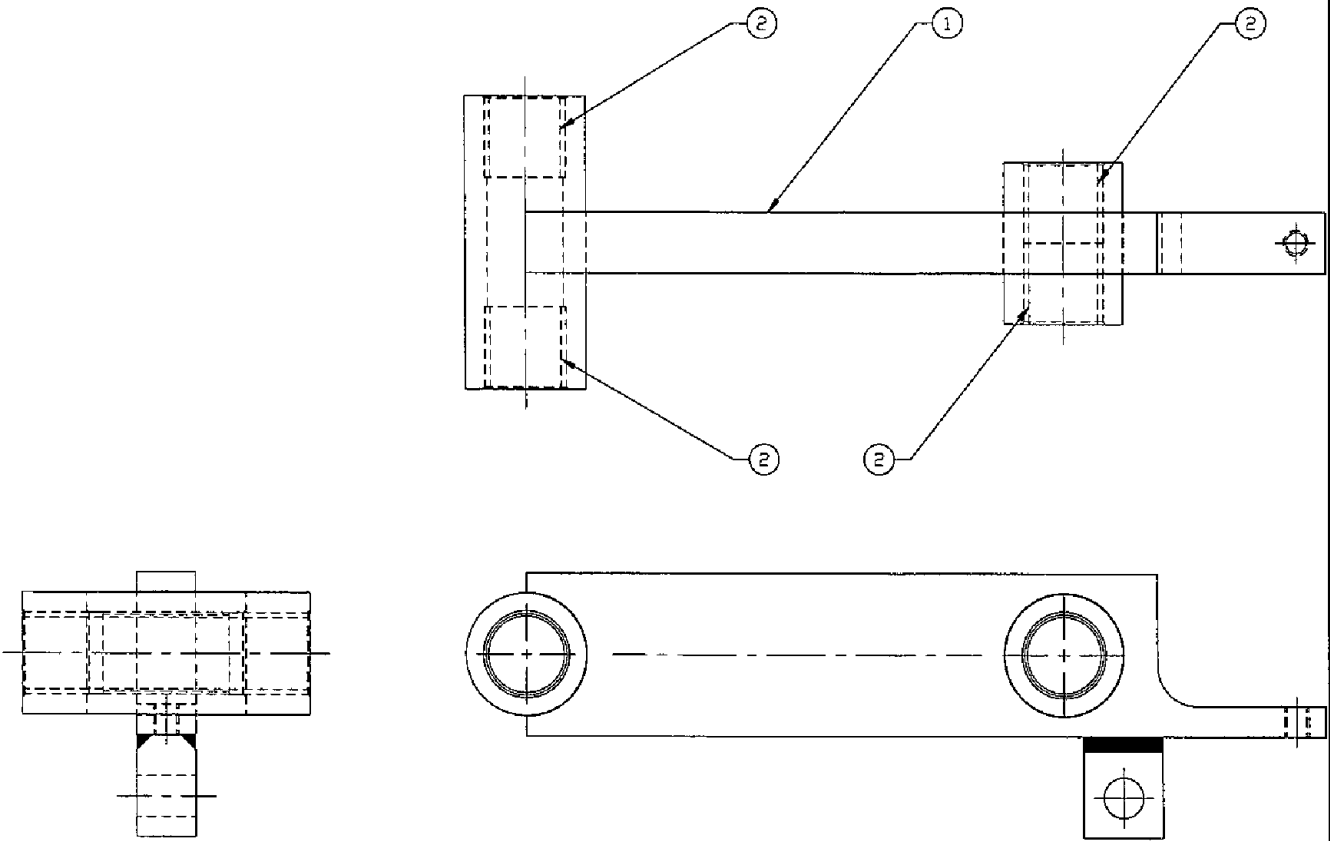


Figure 6-9. Lever Arm Assembly, Head Mounted

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-9--	1561224	LEVER ARM ASSEMBLY, Head Mounted							ref
6-9-1	1547397	LEVER WELDMENT							1
6-9-2	1555044	BEARING, Oilless, 7/8 x 1" x 1"lg							2

1561232- DWG



1561232-.DWG

Figure 6-10. Lever Arm Assembly, Column Mounted

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-10---	1561232	LEVER ARM ASSEMBLY, Column Mounted							ref
6-10-1	1547405	LEVER WELDMENT							1
6-10-2	1555044	BEARING, Oilless, 7/8 x 1" x 1"lg							4

PRODUCT CODE 356

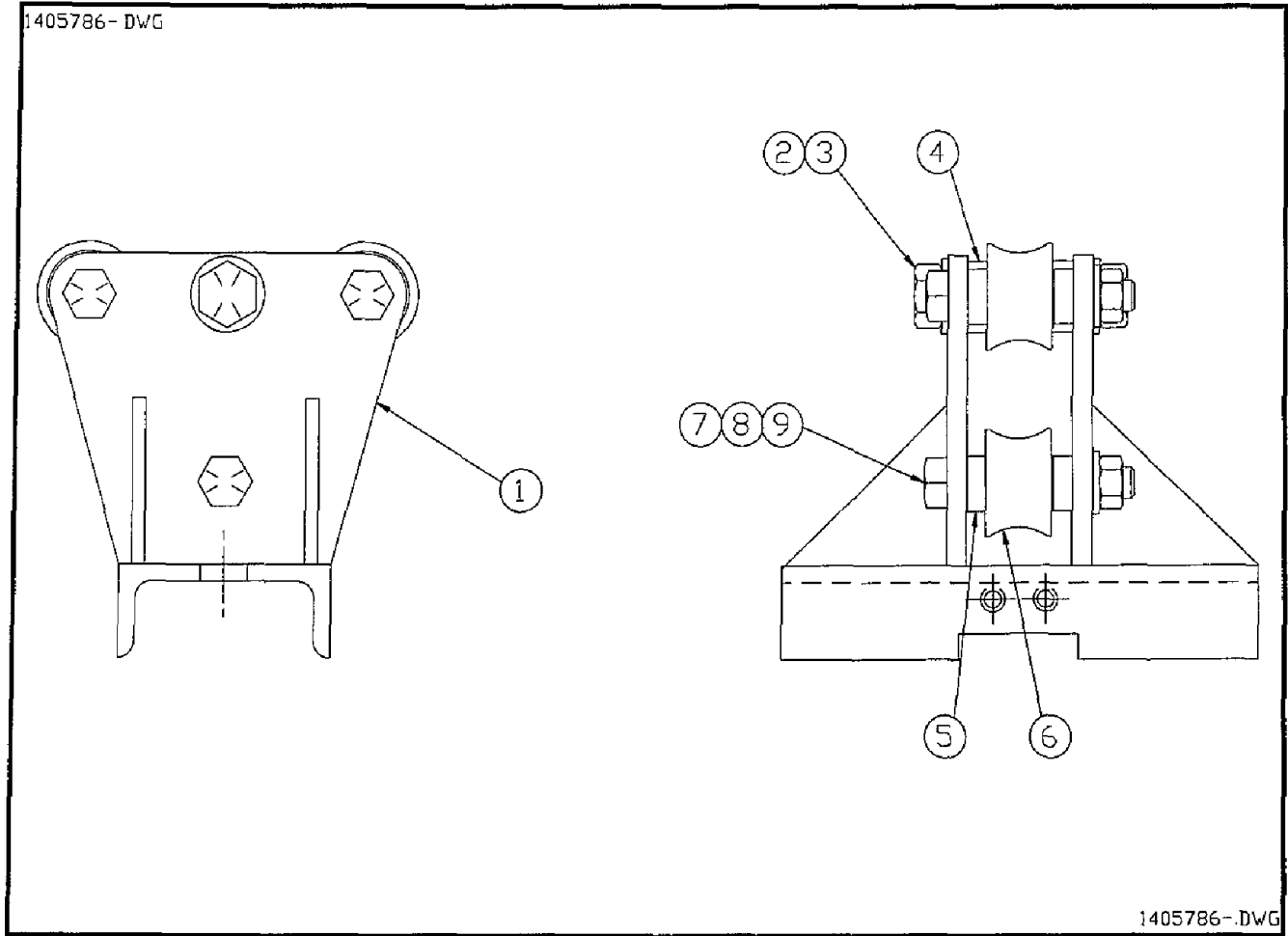
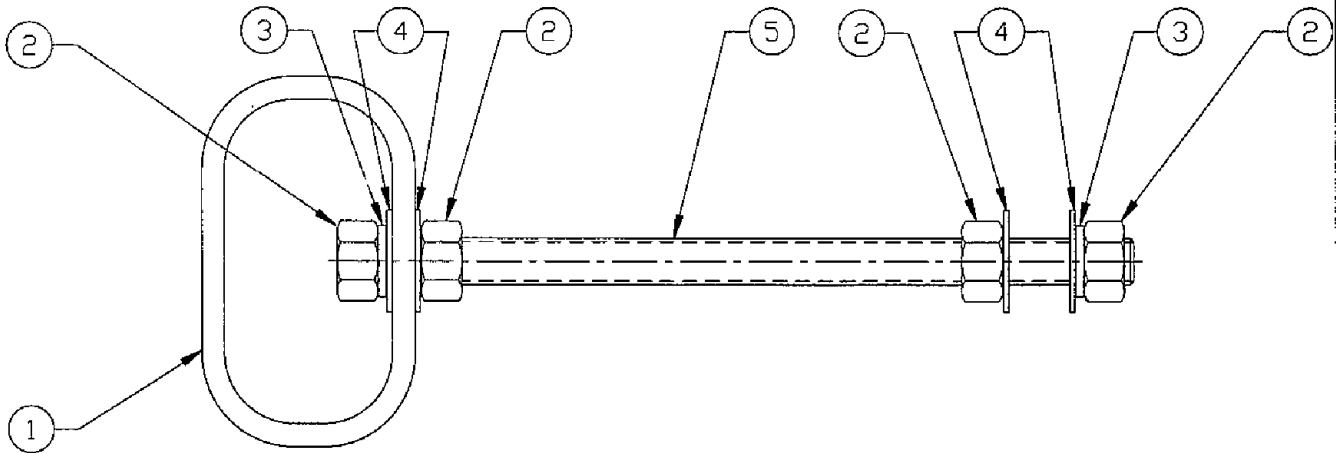


Figure 6-11. Roller Bracket Assembly

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-11--	1405786	ROLLER BRACKET ASSEMBLY							ref
6-11-1	1377647	ROLLER BRACKET WELDMENT							1
6-11-2	C-61854	SCREW, hex hd, grade 5, Z/P stl, 5/8-11 x 1-1/4"lg							2
6-11-3	1001122	LOCKWASHER, Spring, Z/P stl, 5/8							2
6-11-4	1377654	SPACER, large							1
6-11-5	1377688	SPACER, small							6
6-11-6	A-06318	ROLLER ASSEMBLY							3
6-11-7	1377696	PIN							3
6-11-8	1001064	LOCKWASHER, Spring, Z/P stl, 3/8							3
6-11-9	1000827	NUT, hex, full, Z/P stl, 3/8-16							3

1564152-.DWG

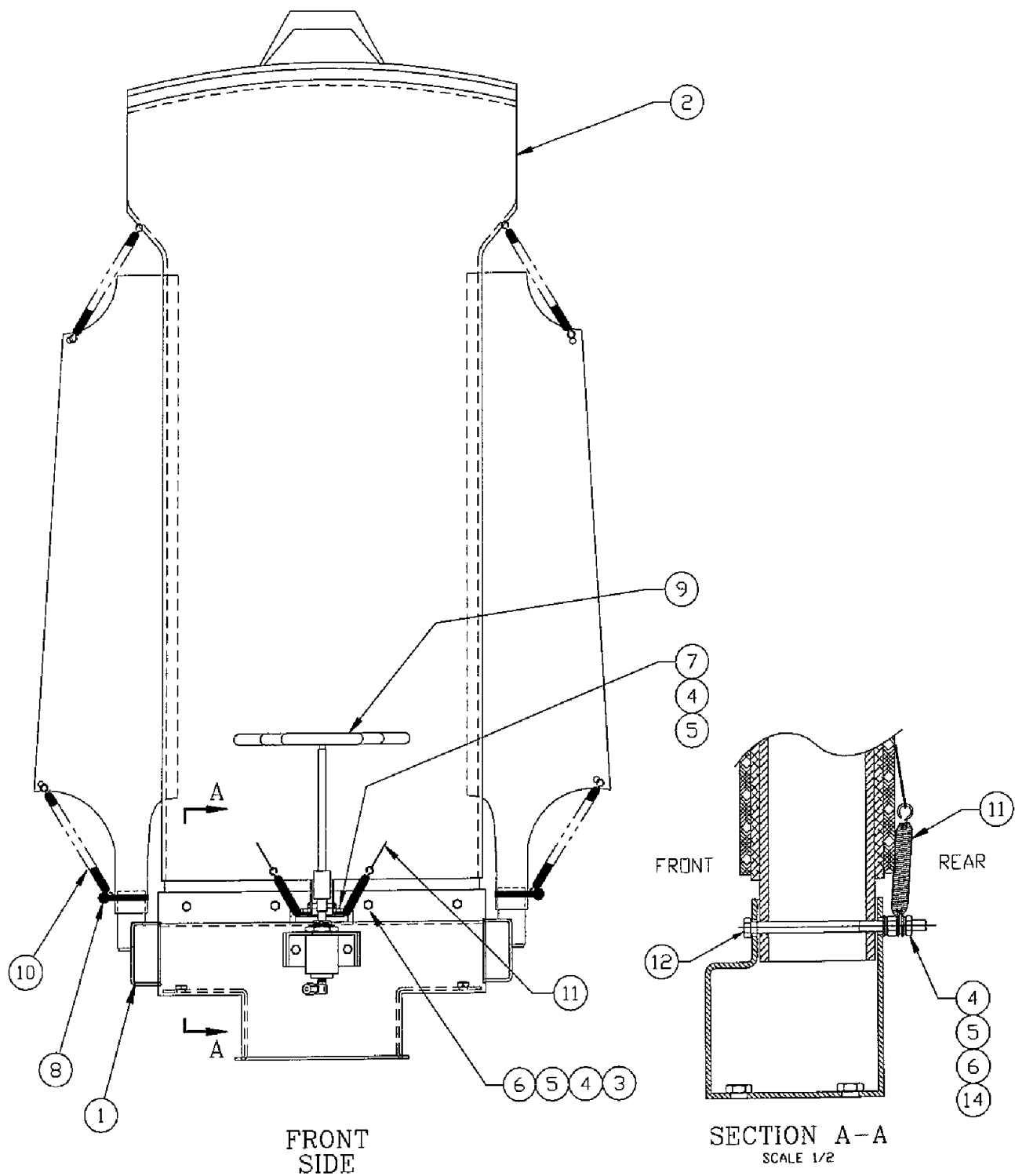


1564152-.DWG

Figure 6-12. Bumper Assembly, Rear Head Stop

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-12--	1564152	BUMPER ASSEMBLY, Rear Head Stop							ref
6-12-1	1438472	BUMPER							1
6-12-2	1000827	NUT, hex, full, Z/P stl, 3/8-16							4
6-12-3	1001064	LOCKWASHER, Spring, 3/8"							2
6-12-4	C-80761	WASHER, Plain, 3/8"							4
6-12-5	1561372	LOCKWASHER, Ext tooth, Z/P stl, 5/16"							1

356M-6-DWG



356M-6-.DWG

Figure 6-13. Receiving Tube and Buck Assembly

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-13--	ref	RECEIVING TUBE AND BUCK ASSEMBLY							ref
6-13-1	ref	RECEIVING TUBE ASSEMBLY (see Figure 6-16 for breakdown)							ref
6-13-2	ref	BUCK FRAME SUB-ASSEMBLY (see Figure 6-15 for breakdown)							ref
6-13-3	1555986	SCREW, hex hd, sst, 1/4-20 x 3-1/2"lg							2
6-13-4	1001007	LOCKWASHER, Spring, 1/4							8
6-13-5	C-80513	WASHER, Plain, 1/4							10
6-13-6	1000769	NUT, hex, full, 1/4							4
6-13-7	1001726	SCREW, Cap, hex hd, 1/4-20 x 5/8"lg							2
6-13-8	1153865	CLAMP, Hose							2
6-13-9	1506849	TAIL CLAMP ASSEMBLY (see Figure 6-14 for breakdown)							1
6-13-10	A-52758	SPRING, Extension, .038 Music wire, 3-3/4"free length							4
6-13-11	A-51399	SPRING, Extension, .049 Music wire, 1-1/2"free length							4
6-13-12	1504554	SCREW, hex hd, sst, 1/4-20 x 4"lg							2
6-13-13	--	not used							
6-13-14	1150051	NUT, hex, jam 1/4							2
 NOTE: Units per assembly reflect a single buck.									

PRODUCT CODE 356

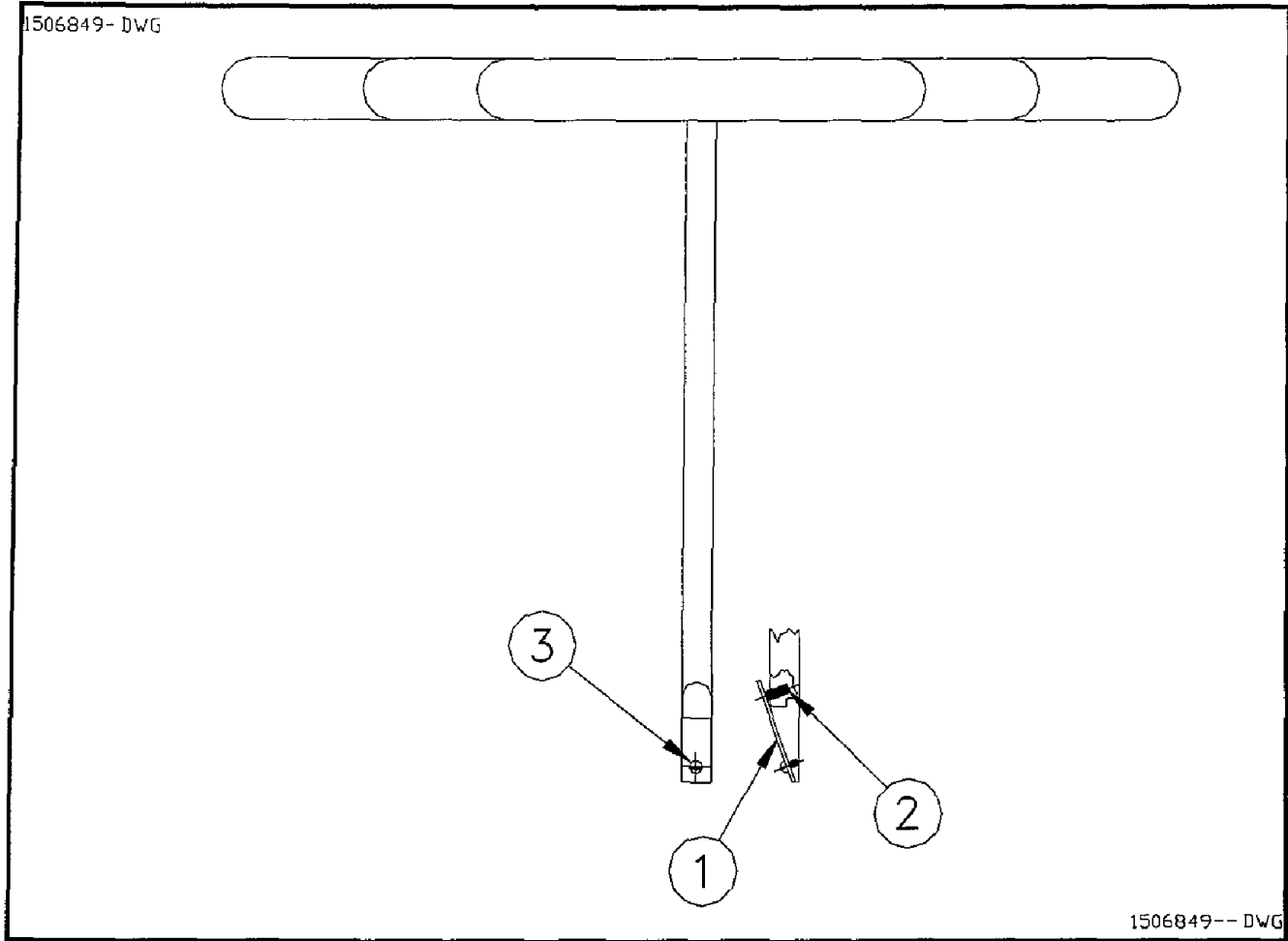


Figure 6-14. Tail Clamp Assembly

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-14--	1506849	TAIL CLAMP ASSEMBLY							1
6-14-1	A-21020	SPRING, Leaf							1
6-14-2	1509041	SPRING, Comp, .055 sst wire, 5/16 free length							1
6-14-3	A-53411	SCREW, Mach. rnd. hd, sst, #4-40 x 1/8"							1

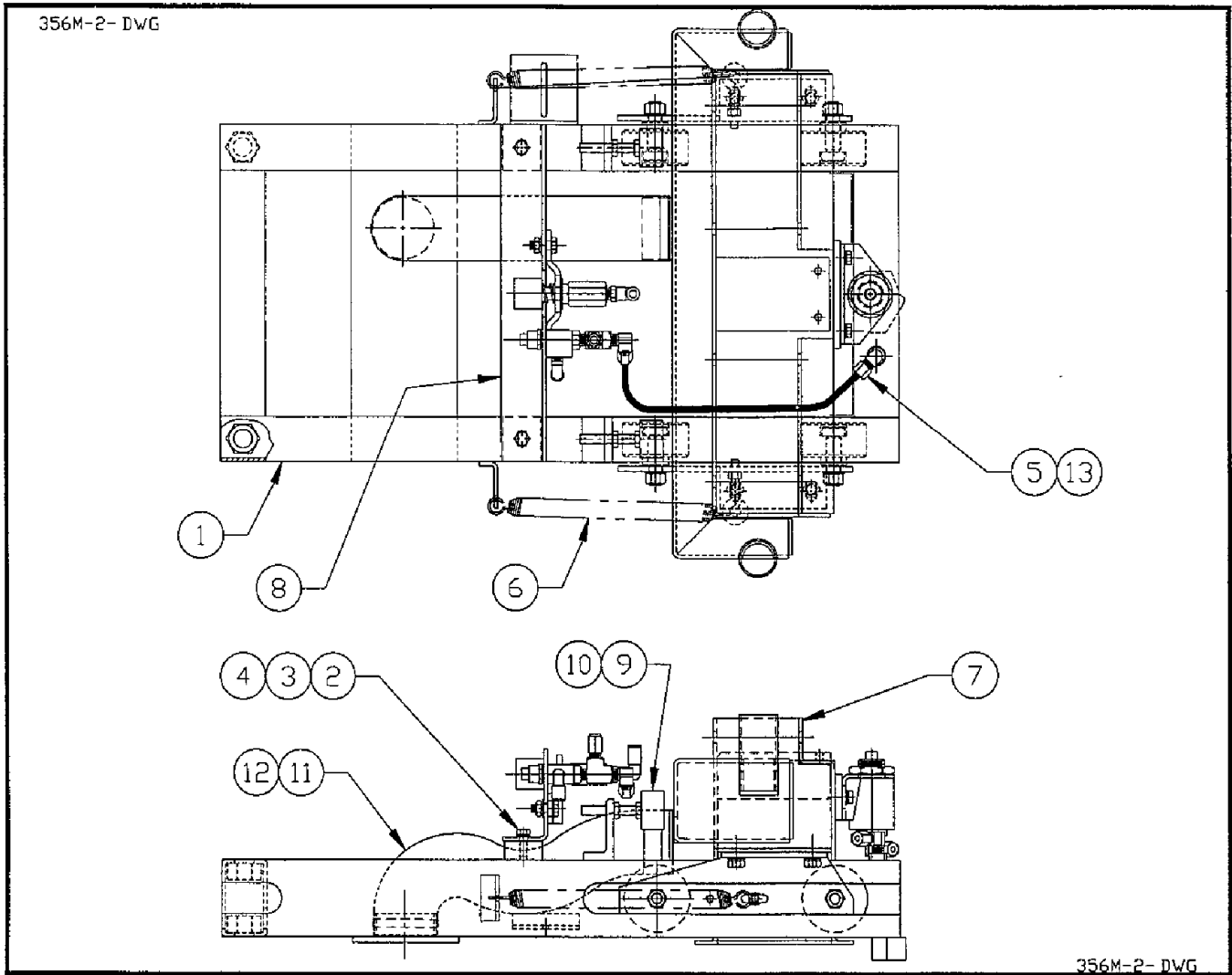


Figure 6-15. Buck Frame Sub-Assembly

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-15--	ref	BUCK FRAME SUB-ASSEMBLY							ref
6-15-1	1538289	BUCK SUPPORT FRAME WELDMENT							1
6-15-2	1001726	SCREW, hex hd, 1/4-20 X 5/8"lg							2
6-15-3	C-80513	WASHER, Plain, 1/4"							2
6-15-4	1185073	LOCKWASHER, Spring, 1/4"							2
6-15-5	A-50770	ELBOW, Tubing, comp, 3/16t x 1/8npt							1
6-15-6	1506385	SPRING, Extension, .055 dia. wire, 6"free length							2
6-15-7	1559319	RECEIVING TUBE ^ SSEMBLY (see Figure 6-16 for breakdown)							1
6-15-8	1548775	VALVE AND BRACKET ASSEMBLY (see Figure 6-18 for breakdown)							1
6-15-9	1043504	NUT, hex, jam, 5/16-18							2
6-15-10	1259852	BUMPER ASSEMBLY							2
6-15-11	C-21660	CLAMP, Hose							2
6-15-12	1564178	HOSE, Super Vac-U-Flex							15 in.
6-15-13	1106699	TUBING, Copper, 3/16 od							a/r
NOTE: Units per assembly reflect a single buck.									

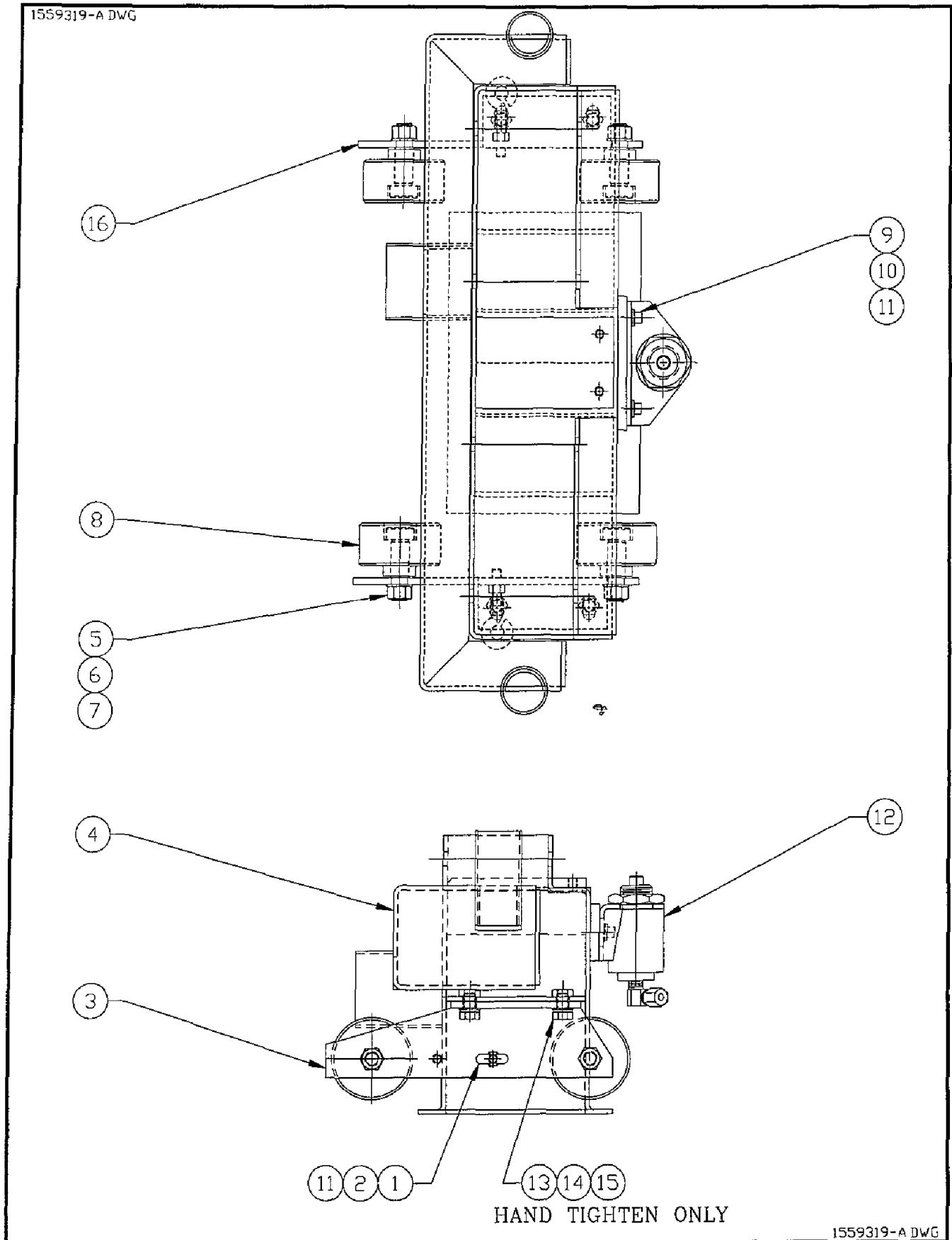


Figure 6-16. Receiving Tube Assembly

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-16--	1559319	RECEIVING TUBE ASSEMBLY							
6-16-1	1382878	BOLT, Eye, 1/4-20 thd, 2-1/2"							2
6-16-2	1000769	NUT, hex, full, Z/P stl, 1/4"							2
6-16-3	1541986	BRACKET, Mounting, Right Hand							1
6-16-4	1539824	RECEIVING TUBE, Weldment							1
6-16-5	A-55249	SCREW, Shoulder, Alloy stl, 1/2 dia x 1"lg, 3/8-16 x 5/8"lg. thd							4
6-16-6	1001064	LOCKWASHER, Spring, Z/P stl, 3/8"							4
6-16-7	1000827	NUT, hex, full, Z/P stl, 3/8-16							4
6-16-8	1552504	ROLLER, Buck Support							4
6-16-9	C-62002	SCREW, Cap, hex skt hd, stl, 1/4-20 x 1/2"lg							2
6-16-10	C-80513	WASHER, Plain, Z/P stl, type A, 1/4"							2
6-16-11	1185073	LOCKWASHER, Spring, Z/P stl, 1/4"							4
6-16-12	1404573	TAIL CLAMP CYLINDER ASSEMBLY (see Figure 6-17 for breakdown)							1
6-16-13	C-62030	SCREW, Cap, hex hd, 18-8, sst, 5/16-18 x 3/4"lg							4
6-16-14	C-80591	WASHER, Pain, Z/P stl, type A, 5/16"							4
6-16-15	C-43212	LOCKWASHER, Spring, Z/P stl, 5/16							4
6-16-16	1541978	BRACKET, Mounting, Left Hand							1

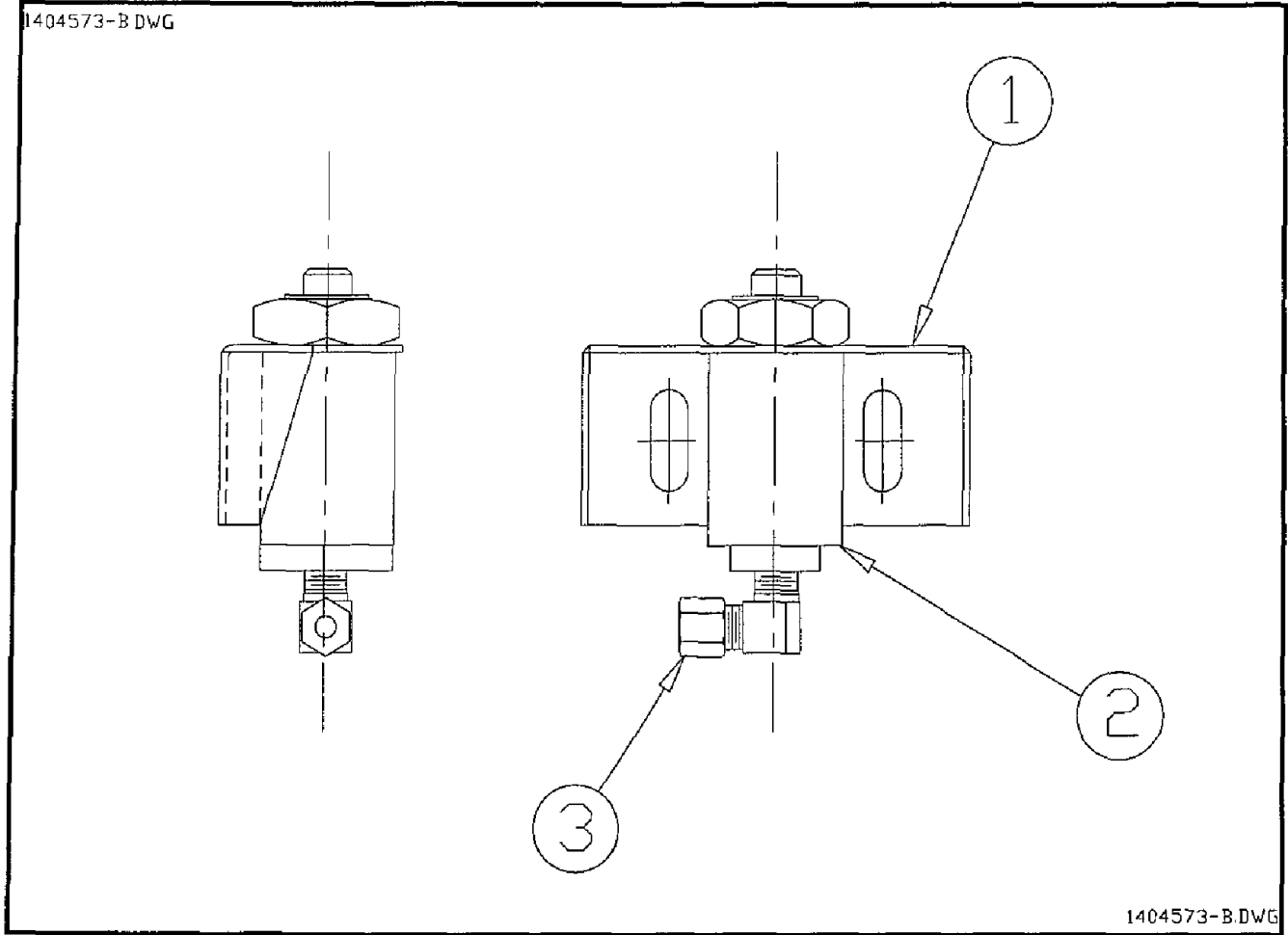
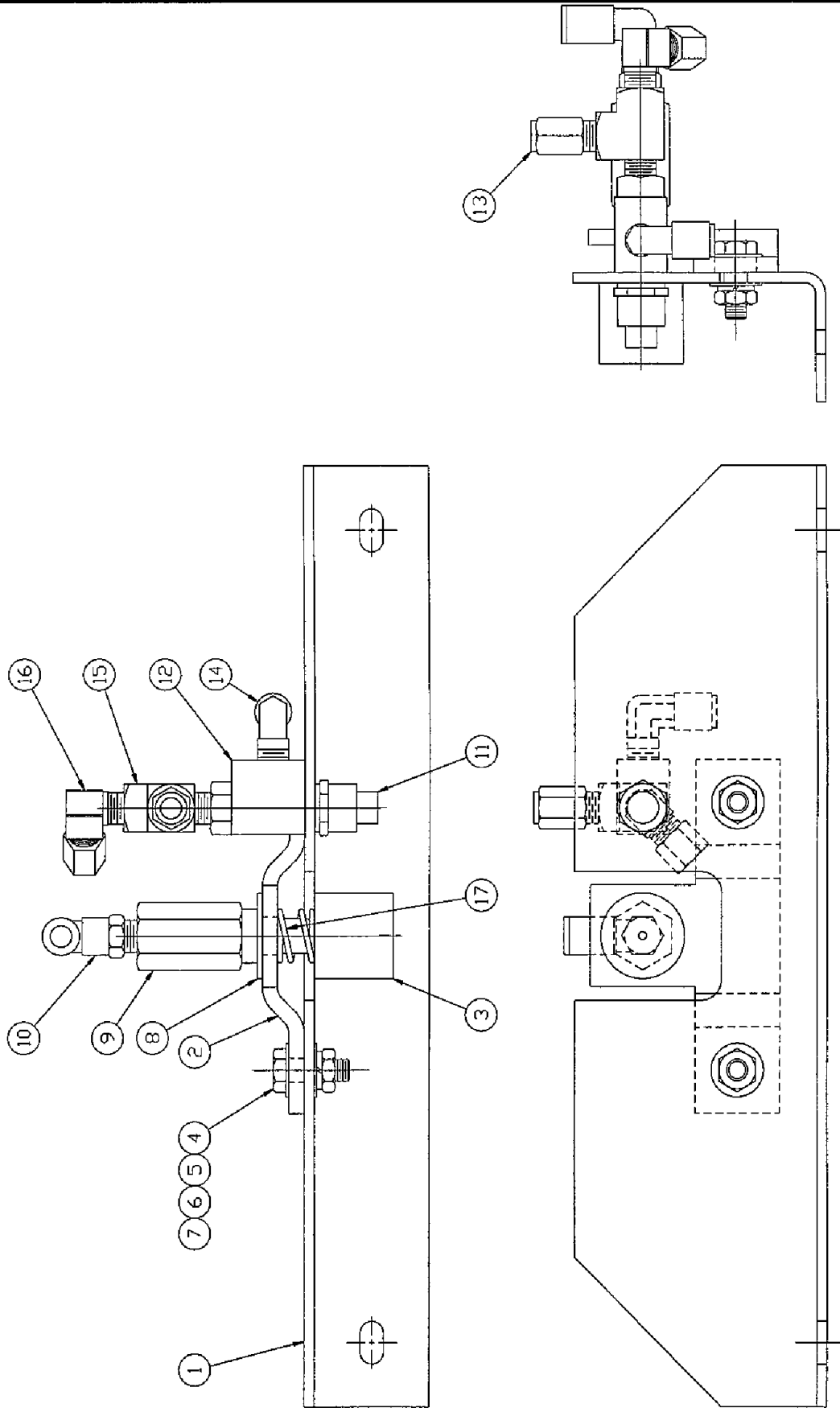


Figure 6-17. Tail Clamp Cylinder Assembly

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-17--	1404573	TAIL CLAMP CYLINDER ASSEMBLY							ref
6-17-1	1406958	BRACKET, Mounting							1
6-17-2	1396431	CYLINDER, Tail Clamp							1
6-17-3	A-50770	ELBOW, Comp, male, brass, 3/16t x 1/8npt							1

1548775-A.DWG



1548775-A.DWG

Figure 6-18. Valve and Bracket Assembly

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-18--	1548775	VALVE AND BRACKET ASSEMBLY							
6-18-1	1548767	PLATE, Bracket, Buck Support							1
6-18-2	1415637	BRACKET, Air Receiver							1
6-18-3	1403138	INSERT, Rod End							1
6-18-4	C-62708	SCREW, Cap, hex hd, grade 5, Z/P stl. 1/4-20 x 3/4"lg							2
6-18-5	1000769	NUT, hex, full, Z/P stl, 1/4-20							2
6-18-6	C-80513	WASHER, Plain, Z/P stl, type A, 1/4"							2
6-18-7	1001007	LOCKWASHER, Spring, Z/P stl, 1/4"							2
6-18-8	1001304	WASHER, Plain, Z/P stl, type A, 3/8"							1
6-18-9	1142512	VALVE, Check, 1/8npt port, min. 0-80 psi							1
6-18-10	1407741	ELBOW, Tubing, male, swivel, 1/4t x 1/8npt							1
6-18-11	1579168	PUSH-BUTTON, Red							1
6-18-12	1404607	VALVE, 3-way, 1/8npt, N.O.							1
6-18-13	1408004	CONNECTOR, Tubing, male 1/4t x 1/8npt, qc							1
6-18-14	1408012	ELBOW, Comp, male brass, 3/16t x 1/8npt							1
6-18-15	C-30541	TEE, Pipe, Street, brass, 1/8npt							1
6-18-16	A-50770	ELBOW, Comp, male, brass, 3/16t x 1/8npt							1
6-18-17	1404565	. Comp, .055 Music wire, 5/8" free length							1

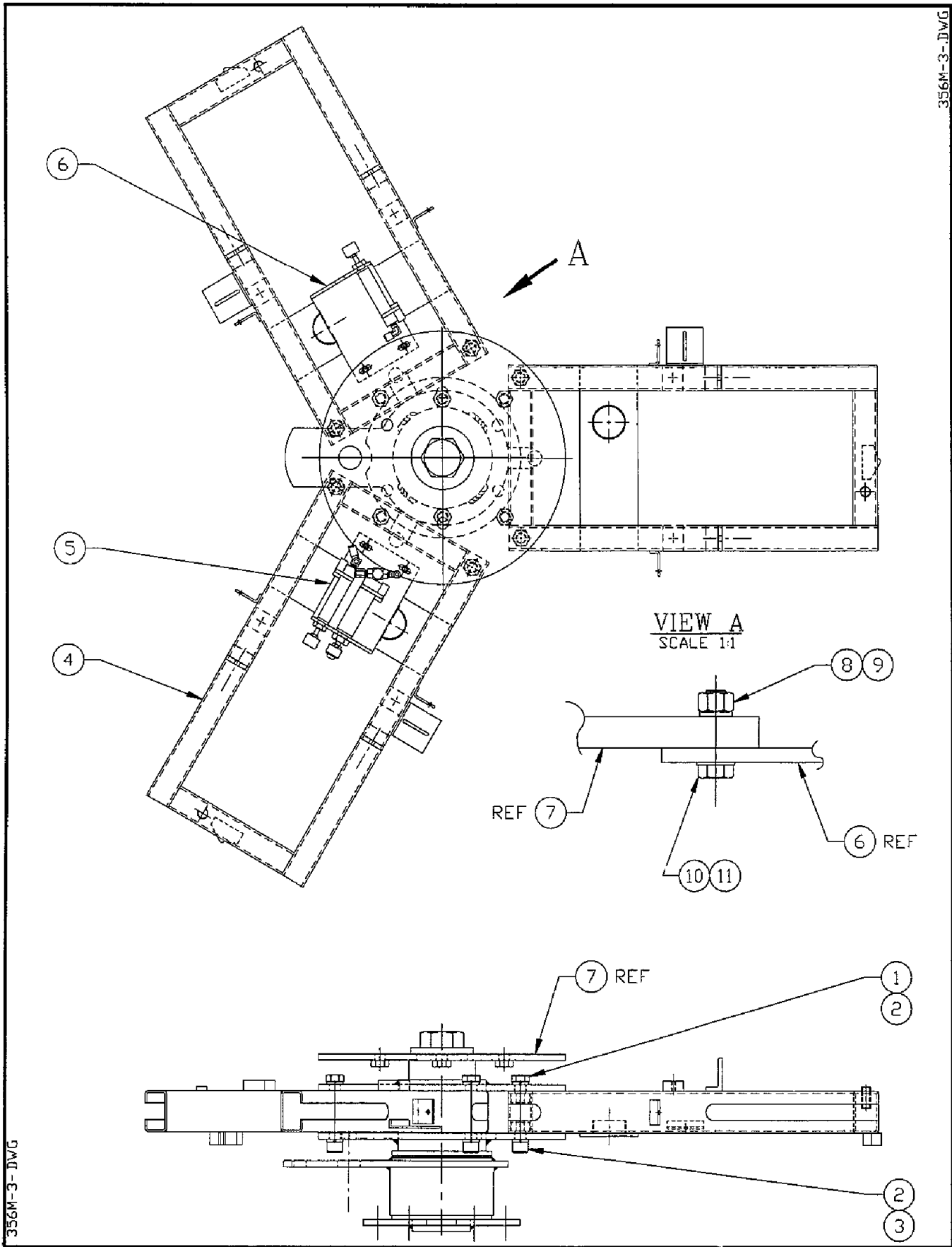
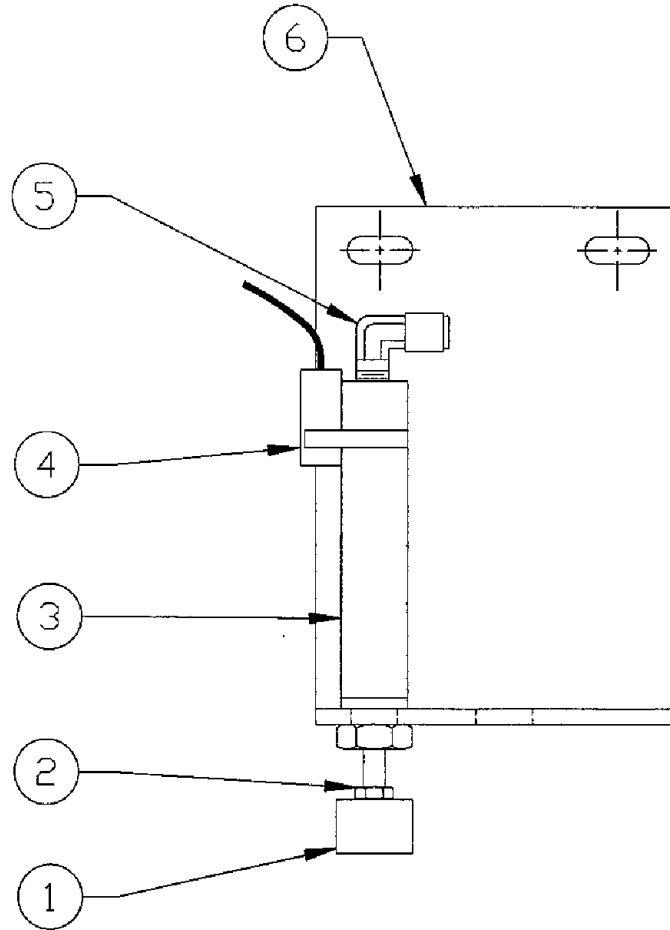


Figure 6-19. Buck Support Assembly

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-19--	ref	BUCK SUPPORT ASSEMBLY							ref
6-19-1	C-61854	SCREW, Cap, hex hd, grade 5, Z/P stl, 5/8-11 x 1-1/4"lg							6
6-19-2	1001122	LOCKWASHER, Spring, Z/P stl, 5/8"							12
6-19-3	1559327	SCREW, Cap, hex skt hd, 5/8-11 x 1-1/2"lg							6
6-19-4	1538289	SUPPORT FRAME WELDMENT, Buck							3
6-19-5	1559335	AIR CYLINDER AND BRACKET ASSEMBLY, Dressing Station							1
6-19-6	1559343	AIR CYLINDER AND BRACKET ASSEMBLY, Unloading Station							1
6-19-7	ref	MOUNTING PLATE WELDMENT (see Figure 6-22 for breakdown)							ref
6-19-8	1000769	NUT, hex, full, Z/P stl, 1/4-20							4
6-19-9	1185073	LOCKWASHER, Spring, Z/P stl, 1/4							4
6-19-10	C-80513	WASHER, Plain, type A, Z/P stl, 1/4							4
6-19-11	1023894	SCREW, Cap, hex hd, Z/P stl, grade 5, 1/4-20 x 7/8"lg							4

1559343-A DWG



1559343-A.DWG

Figure 6-20. Air Cylinder and Bracket Unloading Station

ITEM NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.
		1 2 3 4 5 6 7	
6-20--	1559343	AIR CYLINDER AND BRACKET UNLOADING STATION	ref
6-20-1	1403120	ROD END	1
6-20-2	A-51449	NUT, hex, jam, Z/P stl, 1/4-28	1
6-20-3	1404359	CYLINDER, Air, single acting, 3/4"bore x 1" stroke	1
6-20-4	1404300	SWITCH, Magnetic Reed	1
6-20-5	1407741	ELBOW, Tubing, male, swivel, conn, 1/4t x 1/8npt	1
6-20-6	1552454	PLATE, Bracket	1

PRODUCT CODE 356

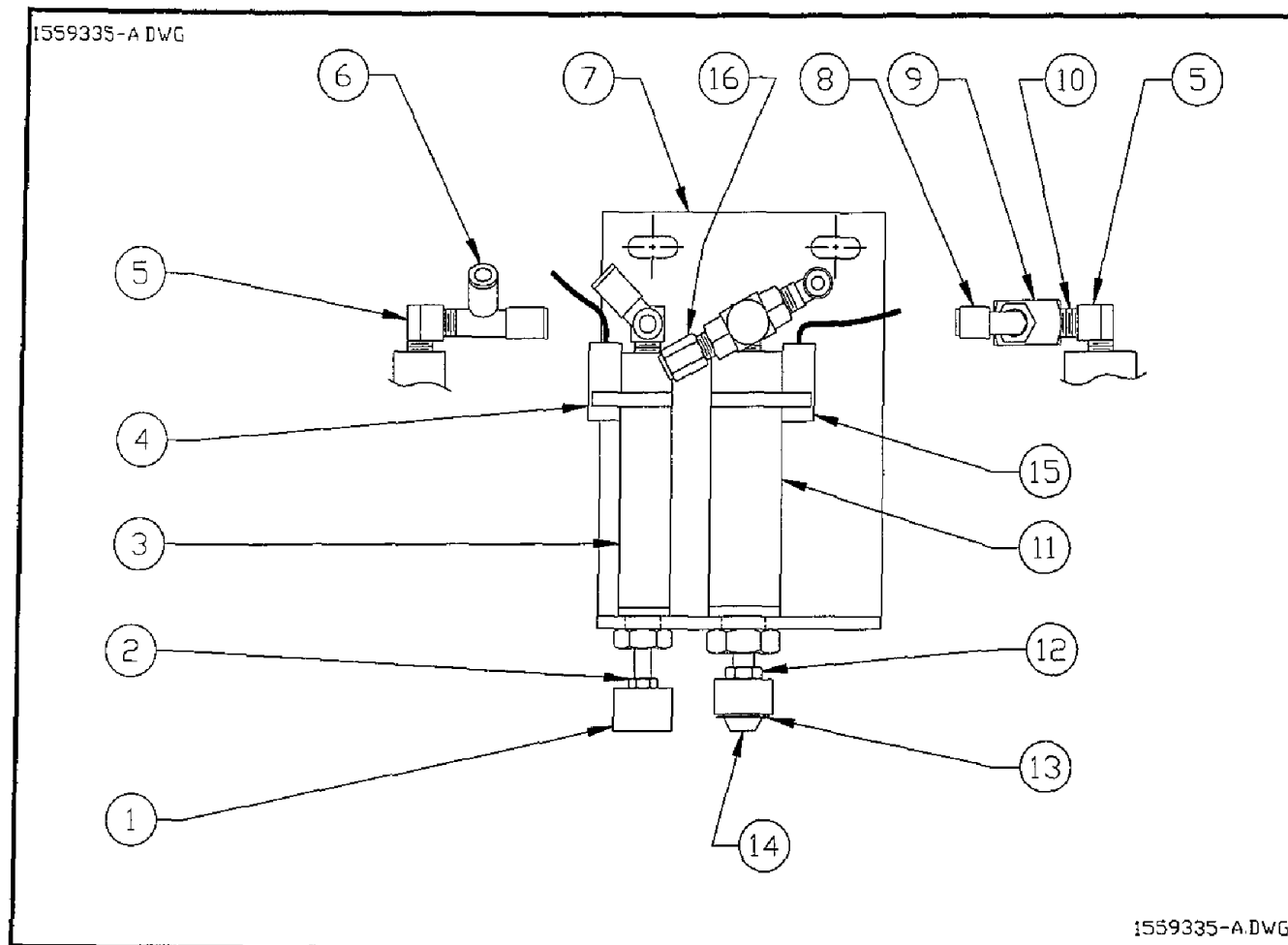


Figure 6-21. Air Cylinder and Bracket Dressing Station

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-21--	1559335	AIR CYLINDER AND BRACKET DRESSING STATION							ref
6-21-1	1403120	ROD END							1
6-21-2	A-51449	NUT, hex, jam, Z/P stl, 1/4-28							1
6-21-3	1404359	CYLINDER, Air, single acting, 3/4"bore x 1" stroke							1
6-21-4	1404300	SWITCH, Magnetic Reed							1
6-21-5	C-28317	ELBOW, Pipe, street, 90°, brass, 1/8npt							2
6-21-4	1404300	SWITCH, Magnetic Reed							1
6-21-6	1438357	TEE, Tubing, male, run, 1/4t x 1/8npt, qc							1
6-21-7	1552454	PLATE, Bracket							1
6-21-8	1407741	ELBOW, Tubing, male, swivel, conn, 1/4t x 1/8npt							1
6-21-9	A-5602	VALVE, Shuttle							1
6-21-10	1232313	NIPPLE, Pipe, Sch 40, bi, 1/8npt x close							1
6-21-11	1404698	CYLINDER, Air, single acting, 1-1/16"bore x 1"stroke							1
6-21-12	A-51409	NUT, hex, jam, Z/P stl, 5/16-24							1
6-21-13	A-53916	O-RING, 1/2" id x 3/32" thk							1
6-21-14	1403112	ROD END AIR RESERVOIR CYLINDER							1
6-21-15	1404318	SWITCH, Magnetic Reed							1
6-21-16	1408004	CONNECTOR, Tubing, male, 1/4t x 1/8npt, qc							1

**THIS PAGE INTENTIONALLY
LEFT BLANK**

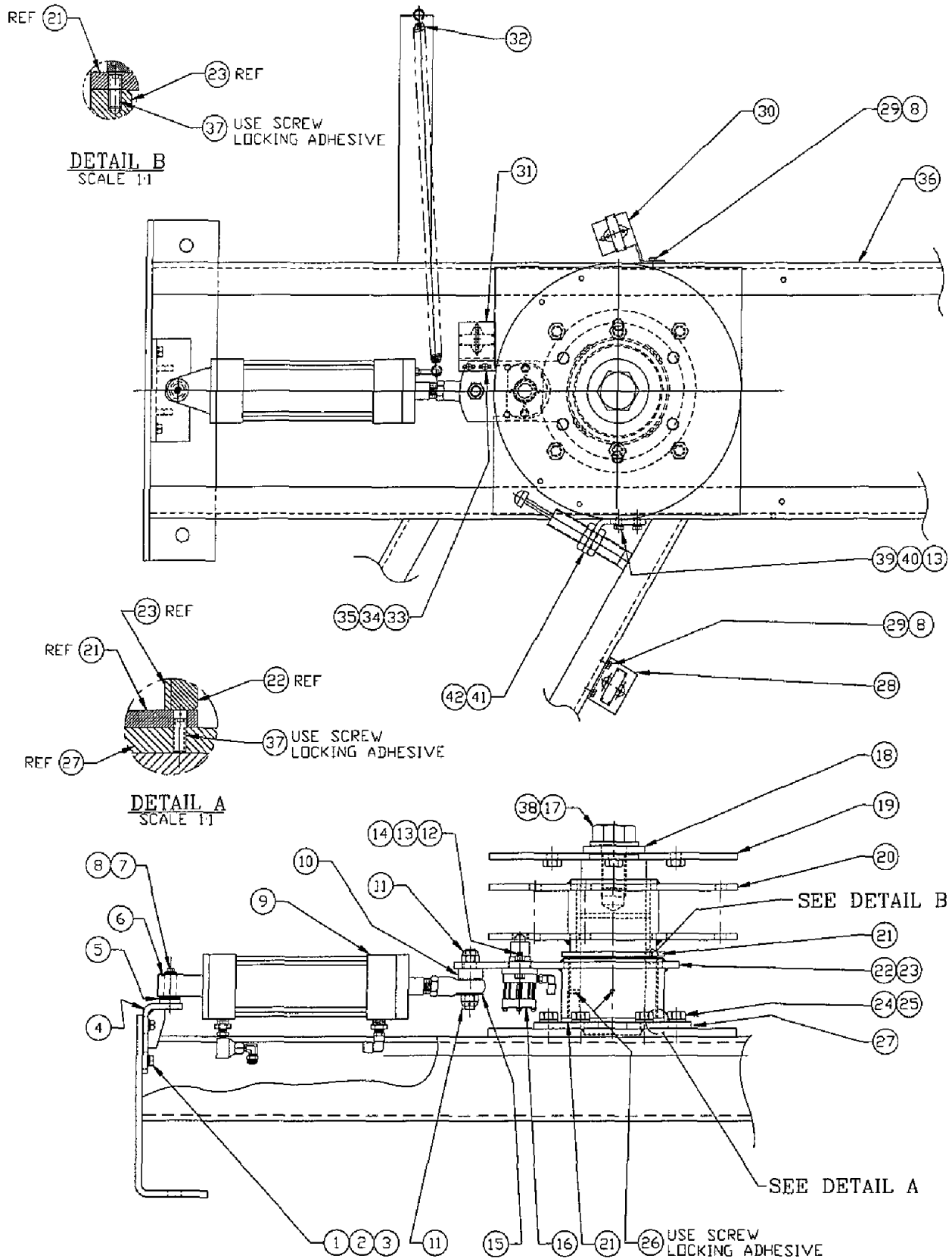


Figure 6-22. Indexing Assembly

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-22--	ref	INDEXING ASSEMBLY							ref
6-22-1	1002708	SCREW, hex hd, 3/8-16 x 1/2"lg.							4
6-22-2	1001064	LOCKWASHER, Spring, 3/8							4
6-22-3	1001304	WASHER, Plain, 3/8							4
6-22-4	1552306	CYLINDER MOUNTING WELDMENT							1
6-22-5	1436716	BEARING, Needle Thrust							1
6-22-6	1393503	WASHER, Latch							1
6-22-7	A-52631	SCREW, hex hd, 1/4-20 x 1/2"lg							1
6-22-8	1185073	LOCKWASHER, Spring, 1/4"							5
6-22-9	1558048	AIR CYLINDER ASSEMBLY, Indexing (see Figure 6-23 for breakdown)							1
6-22-10	1547652	PIVOT							1
6-22-11	1511955	NUT, Castle, 5/16-11							2
6-22-12	A-50139	SCREW, hex hd, 5/16-18 x 1-1/4"lg							2
6-22-13	C-43212	LOCKWASHER, Spring, 5/16							4
6-22-14	1000793	NUT, hex, 5/16-18							2
6-22-15	C-80564	WASHER, Plain, 5/8							1
6-22-16	1559236	DETENT PIN ASSEMBLY (see Figure 6-24 for breakdown)							1
6-22-17	1387729	SCREW, hex hd, 1-1/2-6 x 2-1/2"lg							1
6-22-18	1558030	WASHER, Shaft							1
6-22-19	1548759	MOUNTING PLATE WELDMENT							1
6-22-20	1548668	BUCK SUPPORT ASSEMBLY							1
	1548650	BUCK SUPPORT WELDMENT							1
	1548320	BEARING, 4-1/2"od x 4"id x 2"lg							2
6-22-21	1548676	PLATE, Bearing Ring							2
6-22-22	1547710	INDEX ARM ASSEMBLY							1
	1547736	INDEX ARM WELDMENT							1
	1548387	BEARING, 5-1/4"id x 5-7/16"od x 3-1/2"lg							2
6-22-23	1547660	BUSHING, Index Arm, stl							1
6-22-24	1003334	SCREW, hex hd, 5/8-11 x 1-1/2"lg							6
6-22-25	1001122	LOCKWASHER, Spring, 5/8							6
6-22-26	1179308	SCREW, Set, hex skt hd, 1/4-20 x 1/4"lg							2
6-22-27	1547629	SHAFT WELDMENT, Buck Support							1
6-22-28	1545946	BRACKET, Magnetic Sensor Mounting, frame							1
6-22-29	C-61640	SCREW, hex hd, 1/4-20 x 3/8"lg							4
6-22-30	1545953	BRACKET, Magnetic Sensor Mounting, frame							1
6-22-31	1545961	BRACKET, Small, Magnetic, Sensor, Mounting							1
6-22-32	1551126	SPRING, Extension, .080 Music wire, 12-1/2 free length							1
6-22-33	C-61268	SCREW, Mesh, phil pan hd, #10-24 x 3/8"lg							2
6-22-34	C-80759	WASHER, Plain, #10							2
6-22-35	1000975	LOCKWASHER, Spring, #10							2
6-22-36	1541812	FRAME WELDMENT							1
6-22-37	C-61398	SCREW, Set, hex skt hd, sst, #10-24 x 1/2"lg							2
6-22-38	C-43244	LOCKWASHER, Spring, 1-1/2"							1
6-22-39	A-52158	SCREW, hex hd, 5/16-18 x 1"lg							2
6-22-40	C-80591	WASHER, Plain, 5/16							2
6-22-41	1545862	BRACKET, Stop							1
6-22-42	1564160	SHOCK ABSORBER							1

PRODUCT CODE 356

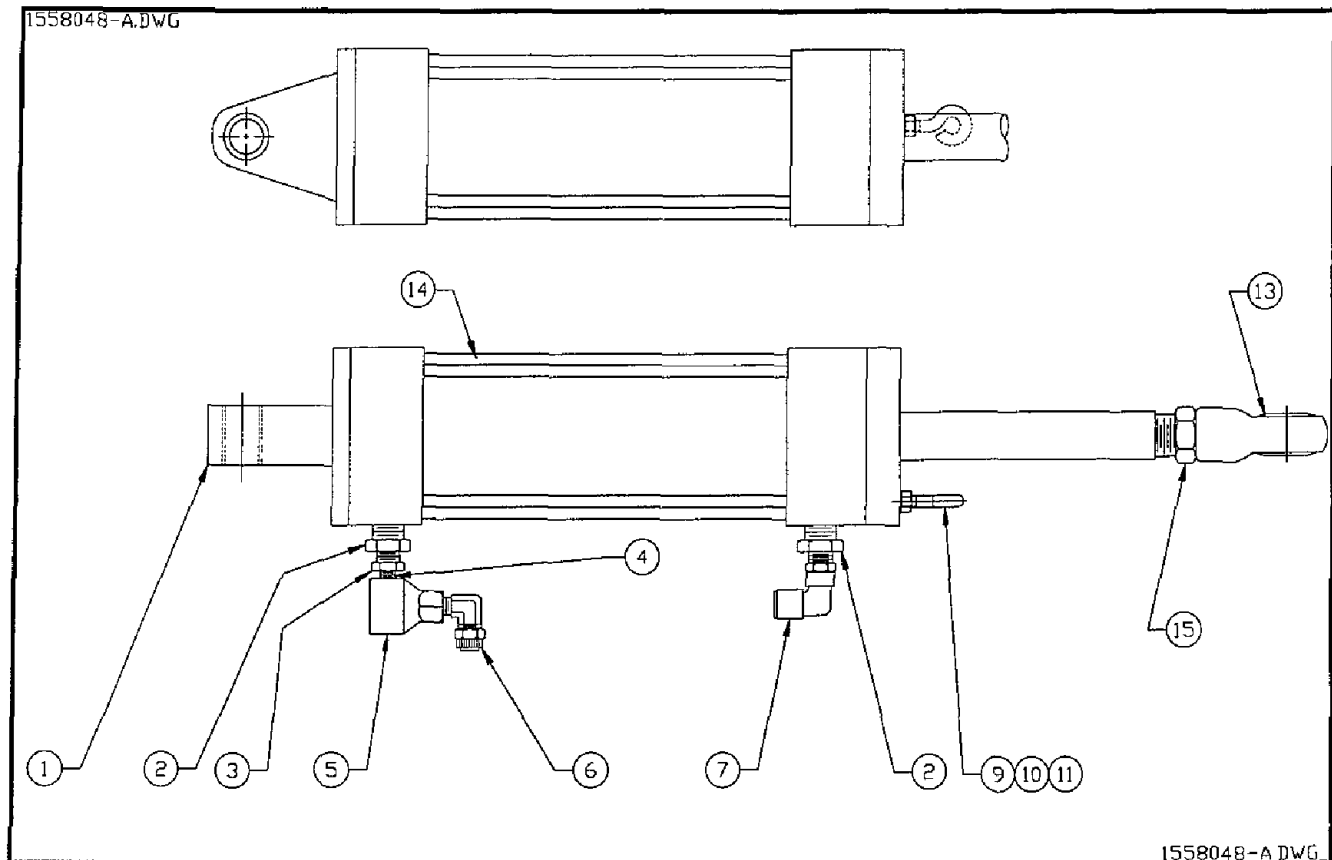


Figure 6-23. Air Cylinder Assembly, Indexing

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-23--	1558048	AIR CYLINDER ASSEMBLY, Indexing							ref
6-23-1	1566215	CYLINDER, Air, double acting, magnetic piston, 3-1/4"bore x 7"stroke							1
6-23-2	C-19682	BUSHING, Pipe, hex. reduce, mi, 1/2 x 1/4npt							2
6-23-3	C-19609	BUSHING, Pipe, hex, reduce, mi, 1/4 x 1/8npt							1
6-23-4	1231313	NIPPLE, Pipe, sch 40, bi, 1/8npt x close							1
6-23-5	A-56925	VALVE, Air Quick Exhaust, 1/8npt inlet/outlet, 1/4npt exhaust							1
6-23-6	1012392	ELBOW, Poly-Flow, male, 3/8t x 1/8npt							1
6-23-7	1410323	ELBOW, Tubing, male, 3/8t x 1/8npt, qc							1
6-23-8	--	not used							
6-23-9	1185073	LOCKWASHER, Spring, Z/P stl, 1/4"							1
		(see Figure 6-58 for breakdown)							
6-23-10	1382878	BOLT, Eye, 1/4-20 thd, 2-1/2"lg							1
6-23-11	1000751	NUT, hex, stl, 1/4-20							1
6-23-12	--	not used							
6-23-13	C-29239	BEARING, Female end, for 3/4"rod, 3/4-16 thd							1
6-23-14	1566173	SWITCH, Magnetic							2
6-23-15	C-48020	NUT, Hex, jam, Z/P stl, 3/4-16							1

PRODUCT CODE 356

1559236-A.DWG

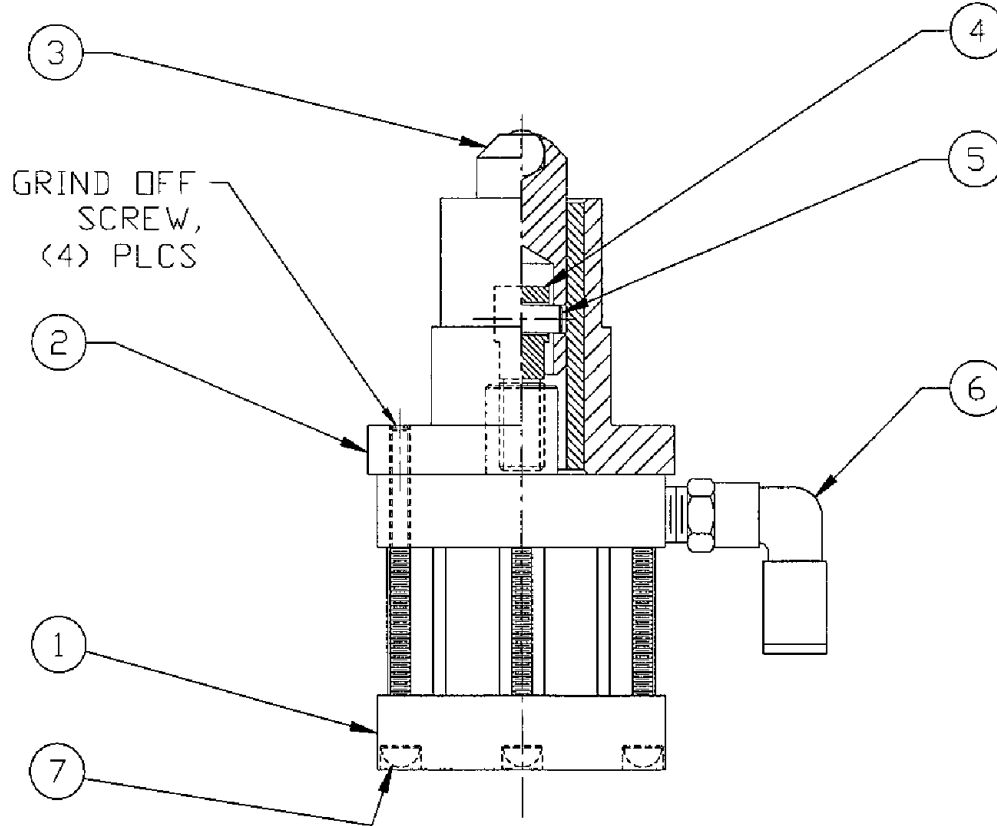


Figure 6-24. Detent Pin Assembly

1559236-A.DWG

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-24--	1559236	DETENT PIN ASSEMBLY							ref
6-24-1	1475581	CYLINDER, Air, single acting							1
6-24-2	1548338	HUB, Plunger Assembly							1
	1541994	HUB							1
	1548411	BEARING							1
6-24-3	1436435	PIN, Detent							1
6-24-4	1475573	CLEVIS, Cylinder Rod End							1
6-24-5	1436799	PIN, Roll, stl, 3/16"dia x 9/16"lg							1
6-24-6	1407741	ELBOW, Tubing, male, 1/4t x 1/8npt							1
6-24-7	1436807	SCREW, Mach, Phil pan hd, Z/P stl, 6-32 x 2-1/4"lg							4

PRODUCT CODE 356

**THIS PAGE INTENTIONALLY
LEFT BLANK**

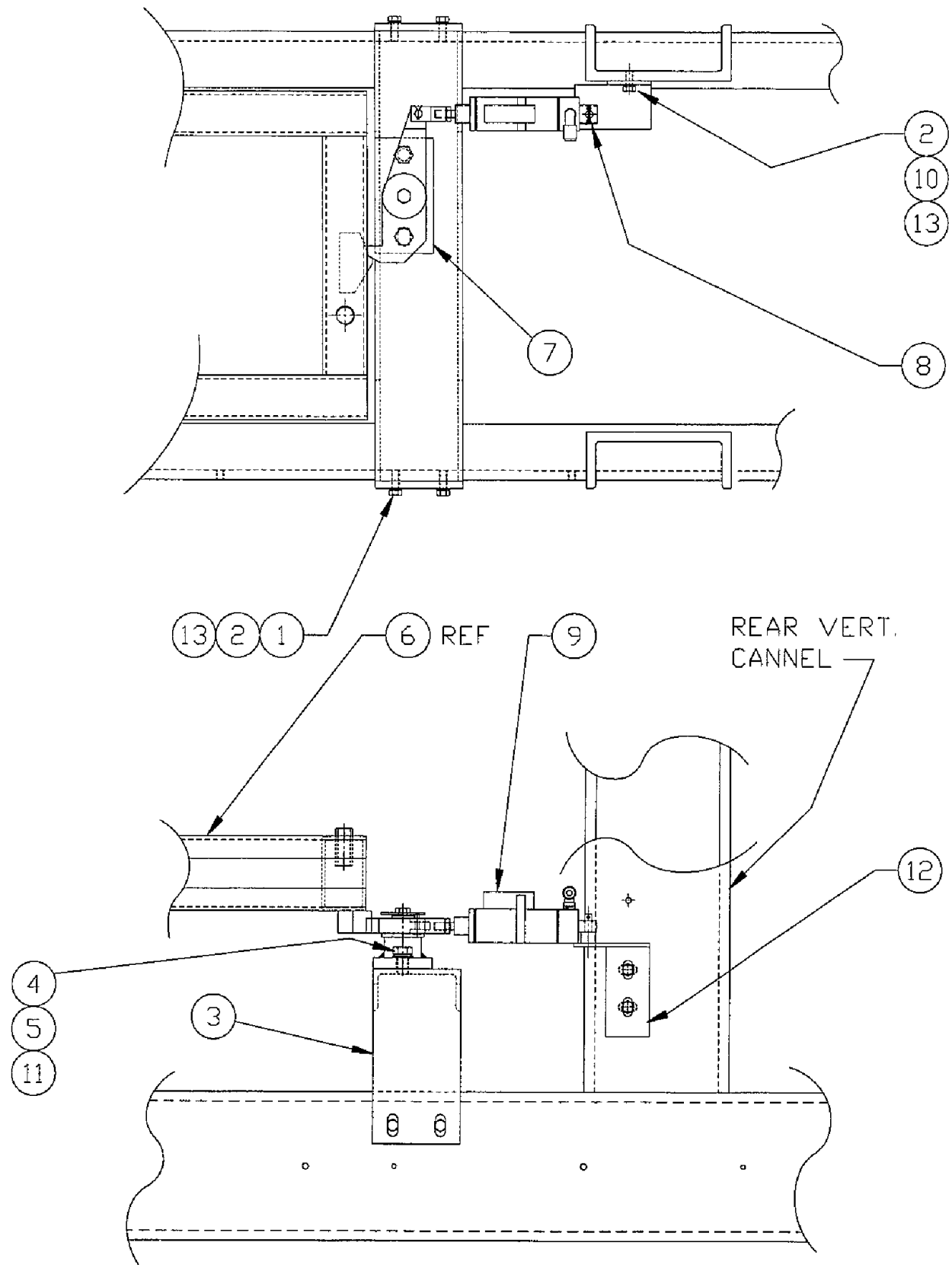


Figure 6-25. Buck Locking Assembly

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-25--	ref	BUCK LOCKING ASSEMBLY							ref
6-25-1	C-62708	SCREW, hex hd, 1/4-20 x 3/4"lg							4
6-25-2	C-80513	WASHER, Plain, 1/4							6
6-25-3	1545854	LATCH BASE MOUNTING WELDMENT							1
6-25-4	1123389	SCREW, hex hd, 3/8-16 x 3/4"lg							2
6-25-5	1001304	WASHER, Plain, 3/8							2
6-25-6	ref	BUCK SUPPORT FRAME WELDMENT							ref
6-25-7	1548718	LOCKING PLATE ASSEMBLY (see Figure 6-26 for breakdown)							1
6-25-8	C-54526	PIN, Cotter, 3/32"dia x 1/2"lg							1
6-25-9	1581321	CYLINDER ASSEMBLY, Locking Plate (see Figure 6-27 for breakdown)							1
6-25-10	1023894	SCREW, hex hd, 1/4-20 x 7/8"lg							2
6-25-11	1001064	LOCKWASHER, Spring, 3/8							2
6-25-12	1538610	BRACKET WELDMENT, Locking							1
6-25-13	1001007	LOCKWASHER, Spring, 1/4							6

PRODUCT CODE 356

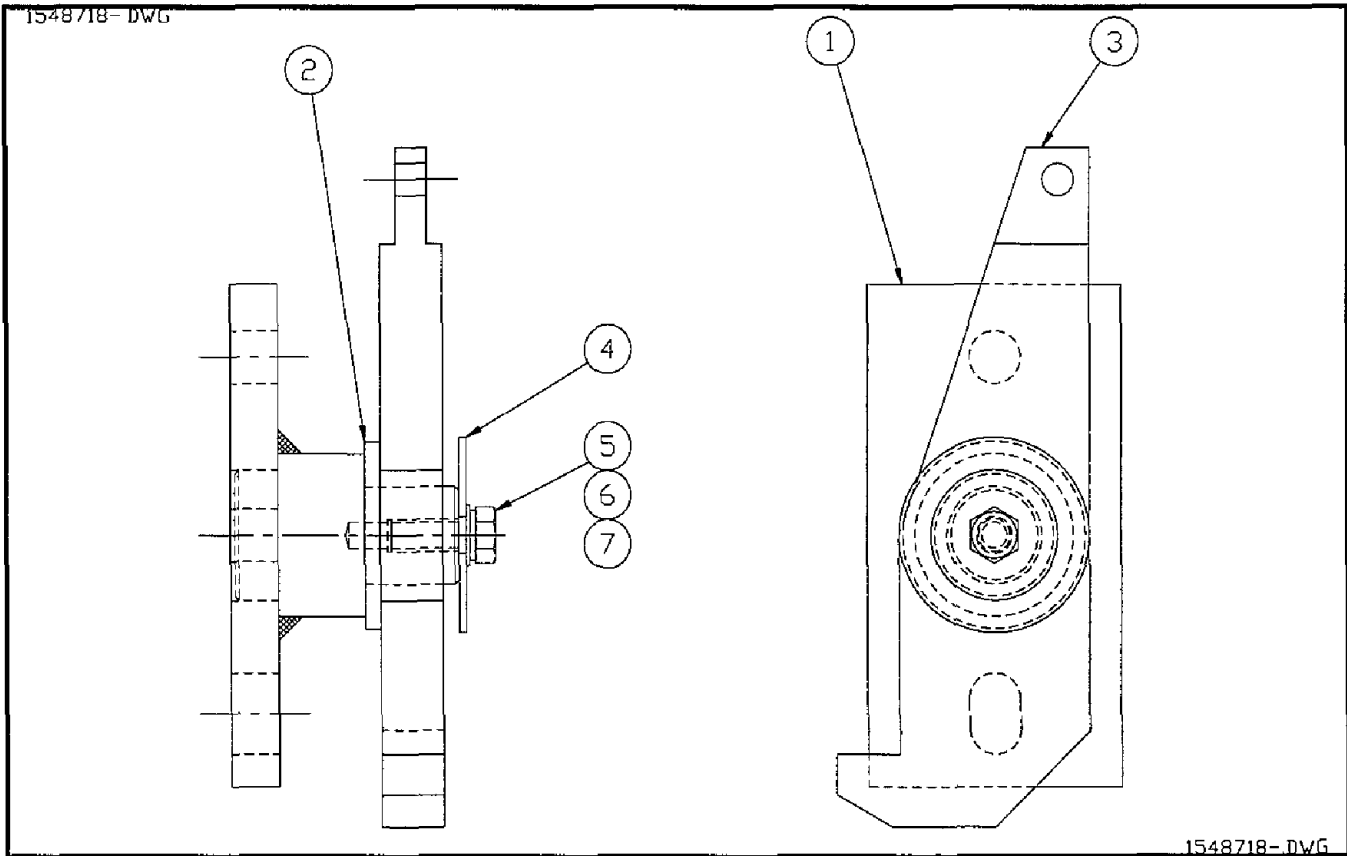


Figure 6-26. Locking Plate Assembly

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-26--	1548718	LOCKING PLATE ASSEMBLY							ref
6-26-1	1548700	LATCH BASE & PIVOT PIN							1
6-26-2	1286624	BEARING, Oilless flanged, 3/4" x 1" x 5/8"lg							1
6-26-3	1388776	PLATE, Buck Locking							1
6-26-4	1393503	WASHER, latch							1
6-26-5	A-52631	SCREW, Cap, hex hd, grade 5, Z/P stl, 1/4-20 x 1/2"lg							1
6-26-6	C-80513	WASHER, Plain, Z/P stl, type A, 1/4"							1
6-26-7	1001007	LOCKWASHER, Spring, Z/P stl, 1/4"							1

PRODUCT CODE 356

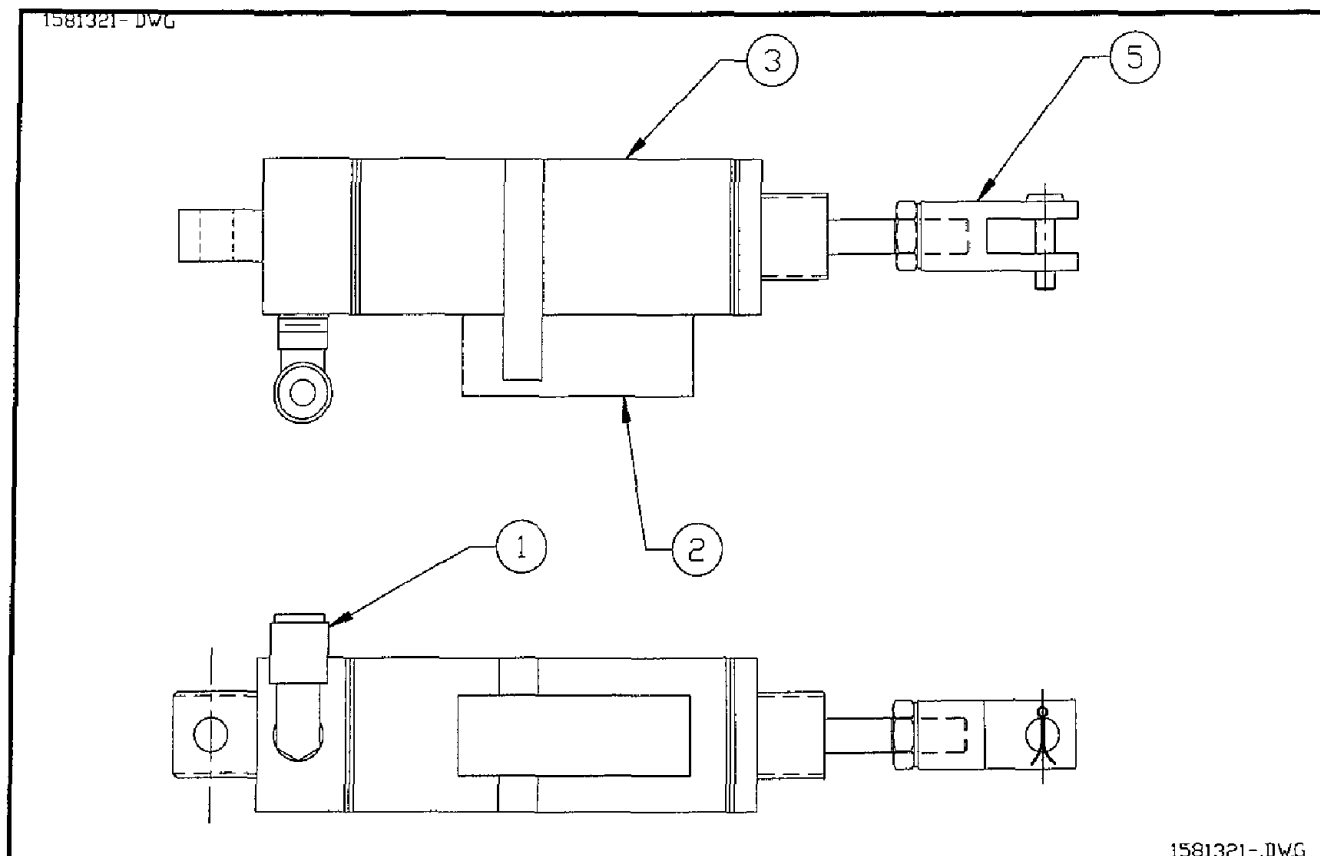


Figure 6-27. Locking Plate Cylinder Assembly

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-27--	1581321	LOCKING PLATE CYLINDER ASSEMBLY							ref
6-27-1	1408012	ELBOW, Tubing, male, 3/16t x 1/8"npt, qc							1
6-27-2	1404318	SWITCH, Magnetic Reed							1
6-27-3	1404342	CYLINDER, Air, single acting 1-1/16 bore x 1"stroke							1
6-27-4	--	not used							
6-27-5	1258854	CLEVIS, Female rod w/nut & pin, 5/16-24 thd							1

**THIS PAGE INTENTIONALLY
LEFT BLANK**

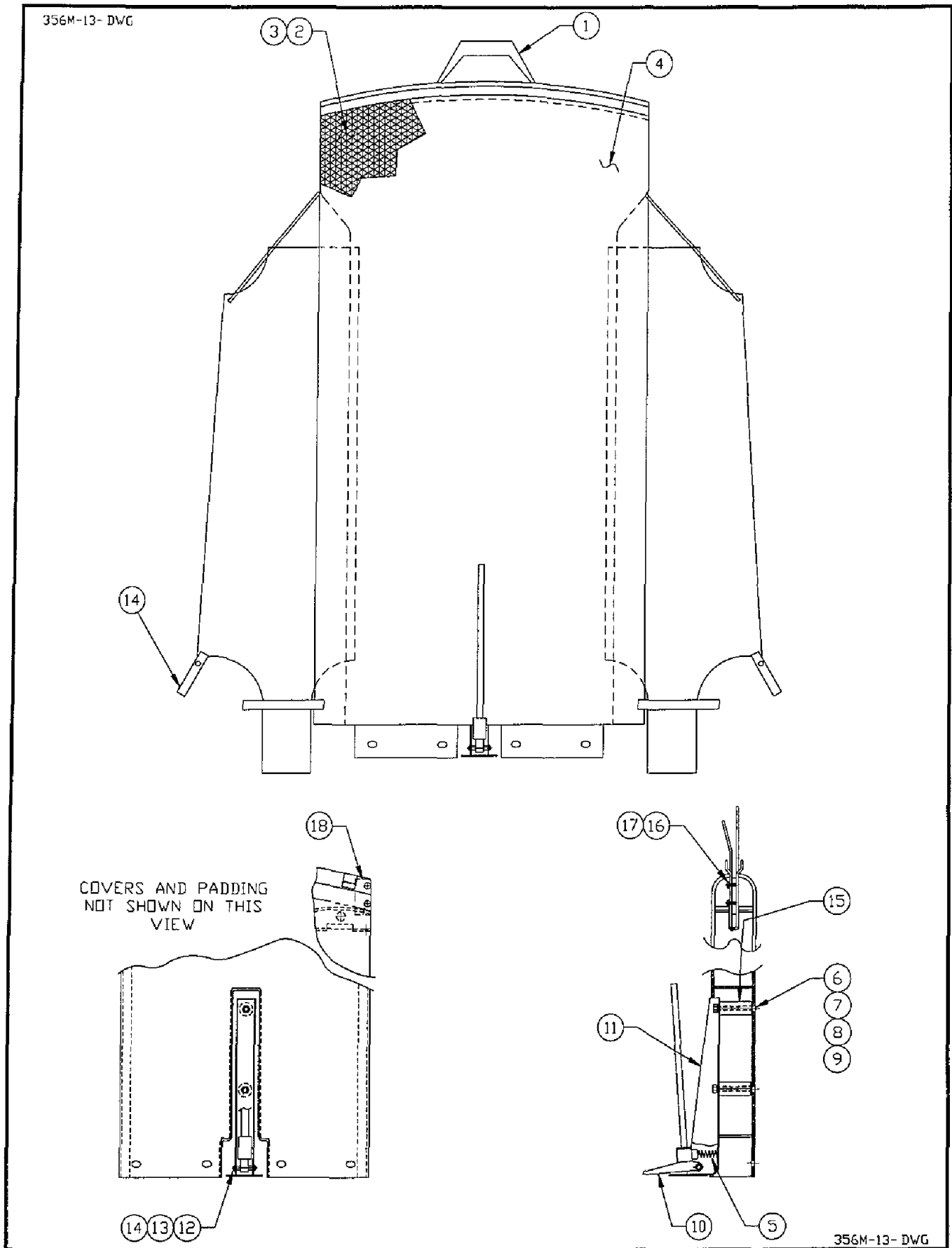
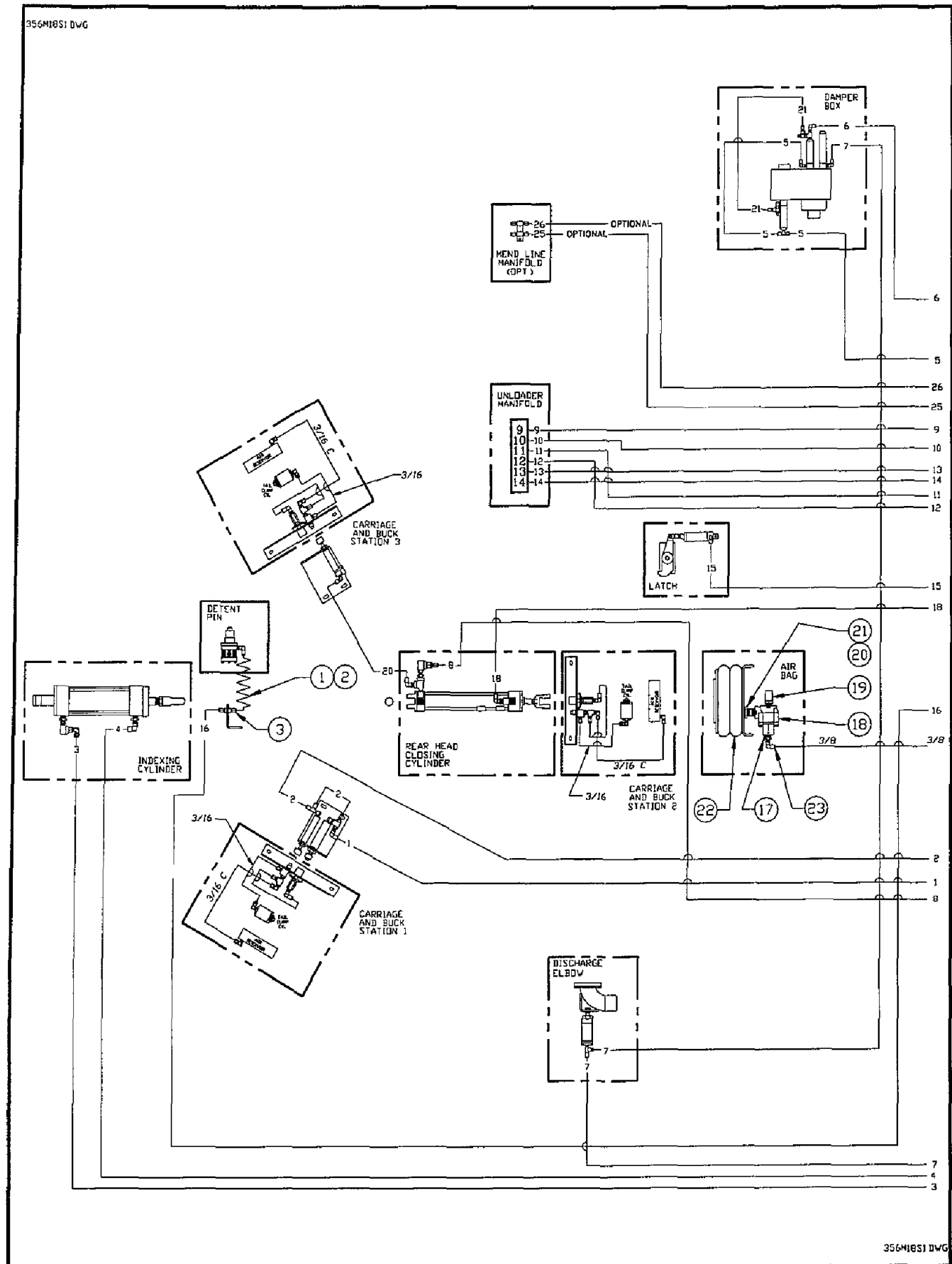


Figure 6-28. Buck Assembly

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-28--	1566494	BUCK ASSEMBLY (specify whether:)							1
	1570027	16" HANGER							
	1570035	17" HANGER							
		18" HANGER							
6-28-1	1537869	BUCK WELDMENT							1
6-28-2	1553932	PADDING, Steel Wool, Front							1
6-28-3	1553940	PADDING, Steel Wool, Rear							1
6-28-4	1553999	COVER AND BAGS ASSEMBLY							1
6-28-5	A-51455	SPRING, Comp. .063 sst wire, 1-9/16" free length							1
6-28-6	1000769	NUT, hex, full, Z/P stl, 1/4-20							2
6-28-7	1001007	LOCKWASHER, Spring, Z/P stl, 1/4							2
6-28-8	C-80513	WASHER, Plain, Z/P stl, type A, 1/4							2
6-28-9	C-62816	SCREW, Mach, flat hd, sst, 1/4-20 x 1"lg							2
6-28-10	1299262	TAIL CLAMP PIVOT WELDMENT							1
6-28-11	1397645	SHAFT, GUIDE							1
6-28-12	A-24137	PIN CLEVIS							1
6-28-13	A-51060	RING, Retaining, ext tooth, 5/16"							2
6-28-14	--	not used							
6-28-15	1568773	SPACER, Buck to Tail Clamp							2
6-28-16	C-64014	SCREW, Tapping, phil pan hd, Z/P stl, #8-32-3/8"lg							4
6-28-17	1085984	LOCKWASHER, Spring, Z/P stl, #8							4
6-28-18		HANGER RETAINER, Stop Plate (specify whether:)							2
	1569433	16" HANGER							
	1569847	17" HANGER							
	NONE	18" HANGER							

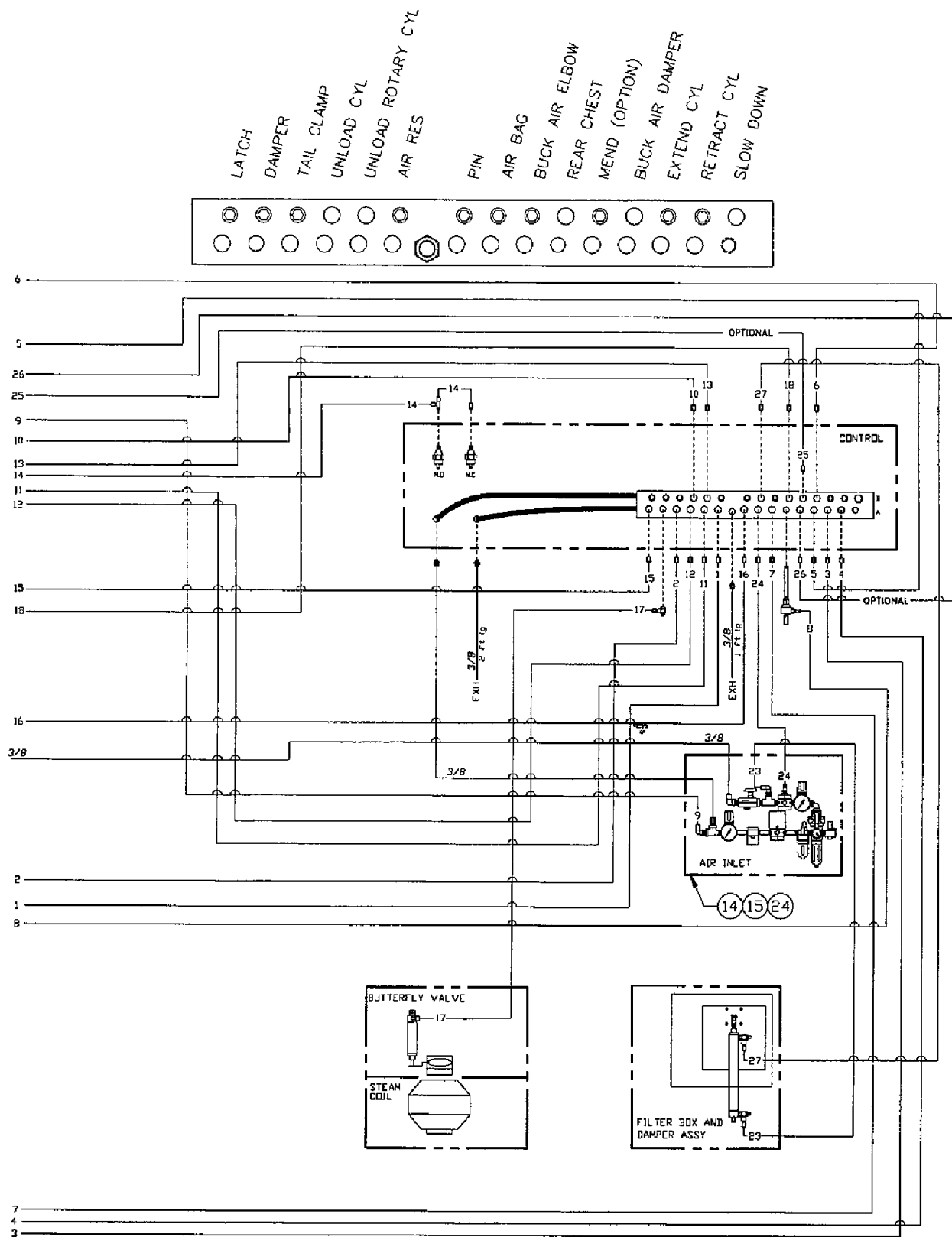
356M18S1 DWG



356M18S1 DWG

Figure 6-29. Air System, Triple-Pro (Sheet 1 of 3)

356MBS2.DWG



356MBS2.DWG

Figure 6-29. Air System, Triple-Pro (Sheet 2 of 3)

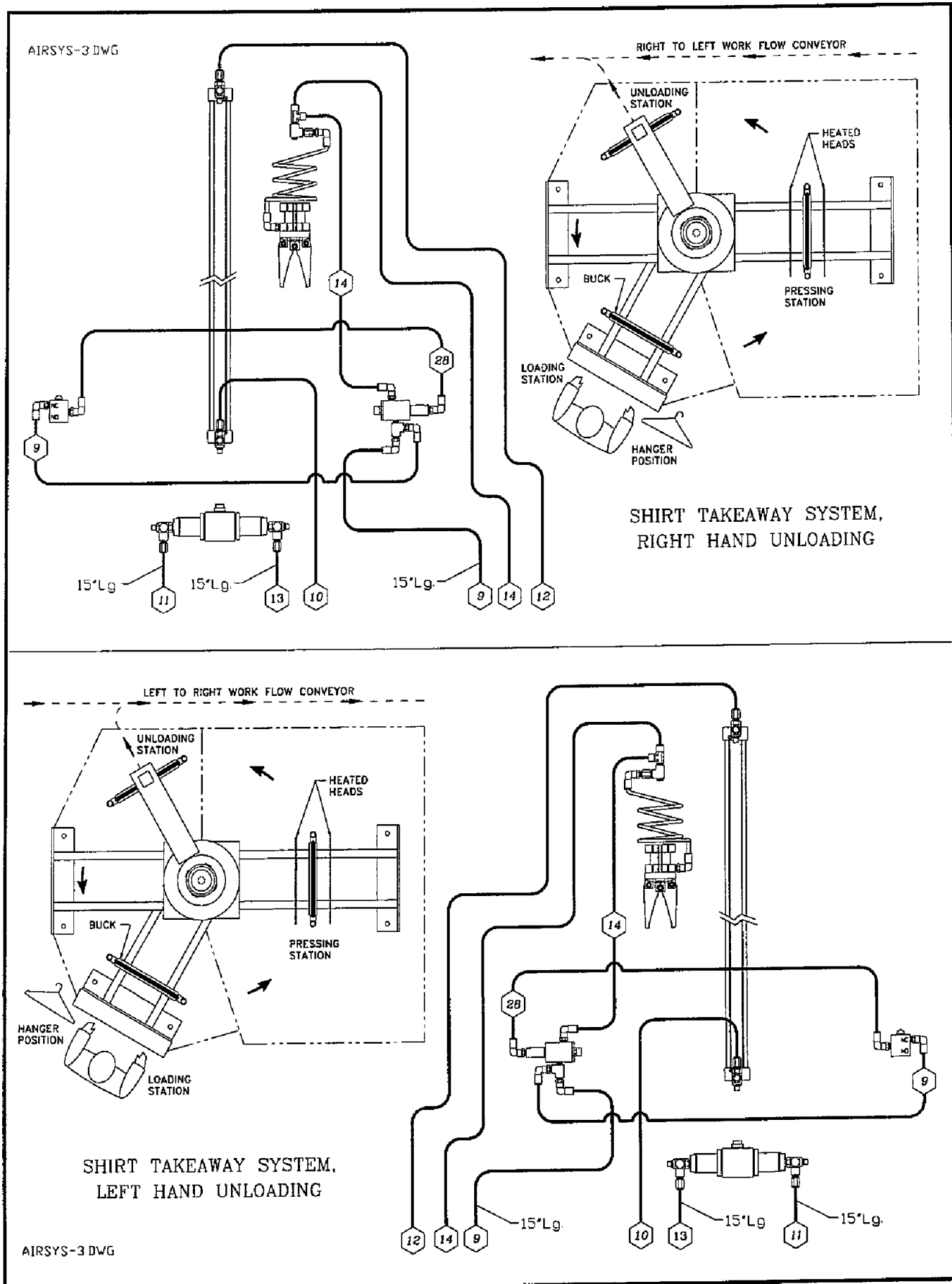


Figure 6-29. Air System, Triple-Pro (Sheet 3 of 3)

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-29--	ref	AIR SYSTEM							ref
6-29-1	1492693	HOSE, Air, Single Coil, 1/4 od							7 in.
6-29-2	1564384	INSERT, brass, .165"dia x 1/2"lg							2
6-29-3	1408004	CONNECTOR, Tubing, male, 1/4t x 1/8npt, qc							2
6-29-4	1523612	MARKER, 1/4 Tubing, PVC, #0							4
6-29-5	1523620	MARKER, 1/4 Tubing, PVC, #1							24
6-29-6	1523638	MARKER, 1/4 Tubing, PVC, #2							20
6-29-7	1523646	MARKER, 1/4 Tubing, PVC, #3							6
6-29-8	1523653	MARKER, 1/4 Tubing, PVC, #4							6
6-29-9	1523661	MARKER, 1/4 Tubing, PVC, #5							6
6-29-10	1523679	MARKER, 1/4 Tubing, PVC, #6							6
6-29-11	1523687	MARKER, 1/4 Tubing, PVC, #7							8
6-29-12	1523695	MARKER, 1/4 Tubing, PVC, #8							4
6-29-13	1523703	MARKER, 1/4 Tubing, PVC, #9							2
6-29-14	1568286	AIR INLET ASSEMBLY (see Figure 6-31 for breakdown)							1
6-29-15	C-61342	SCREW, Cap, hex, skt hd, stl, #10-24 x 1"lg							2
6-29-16	--	not used							
6-29-17	C-19682	BUSHING, Pipe, reduce, hex, mi, 1/2npt x 1/4npt							1
6-29-18	1327451	VALVE, Quick Exhaust, 1/2" in/out, 3/4" exhaust							1
6-29-19	1327469	MUFFLER, Air, 3/4npt							1
6-29-20	1026665	NIPPLE, Pipe, sch 40, bi, 1/2npt x 2"lg							1
6-29-21	1002989	SCREW, Cap, hex, Z/P stl, 3/8-16 x 3/4"lg							1
6-29-22	1559194	AIR BAG ASSEMBLY (see Figure 6-30 for breakdown)							1
6-29-23	1410323	ELBOW, Tubing, male, 3/8t x 1/4npt, qc							1
6-29-24	1111095	SCREW, Mach, phil truss hd, Z/P stl, 1/4-20 x 1/2"lg							1

PRODUCT CODE 356

**THIS PAGE INTENTIONALLY
LEFT BLANK**

PRODUCT CODE 356

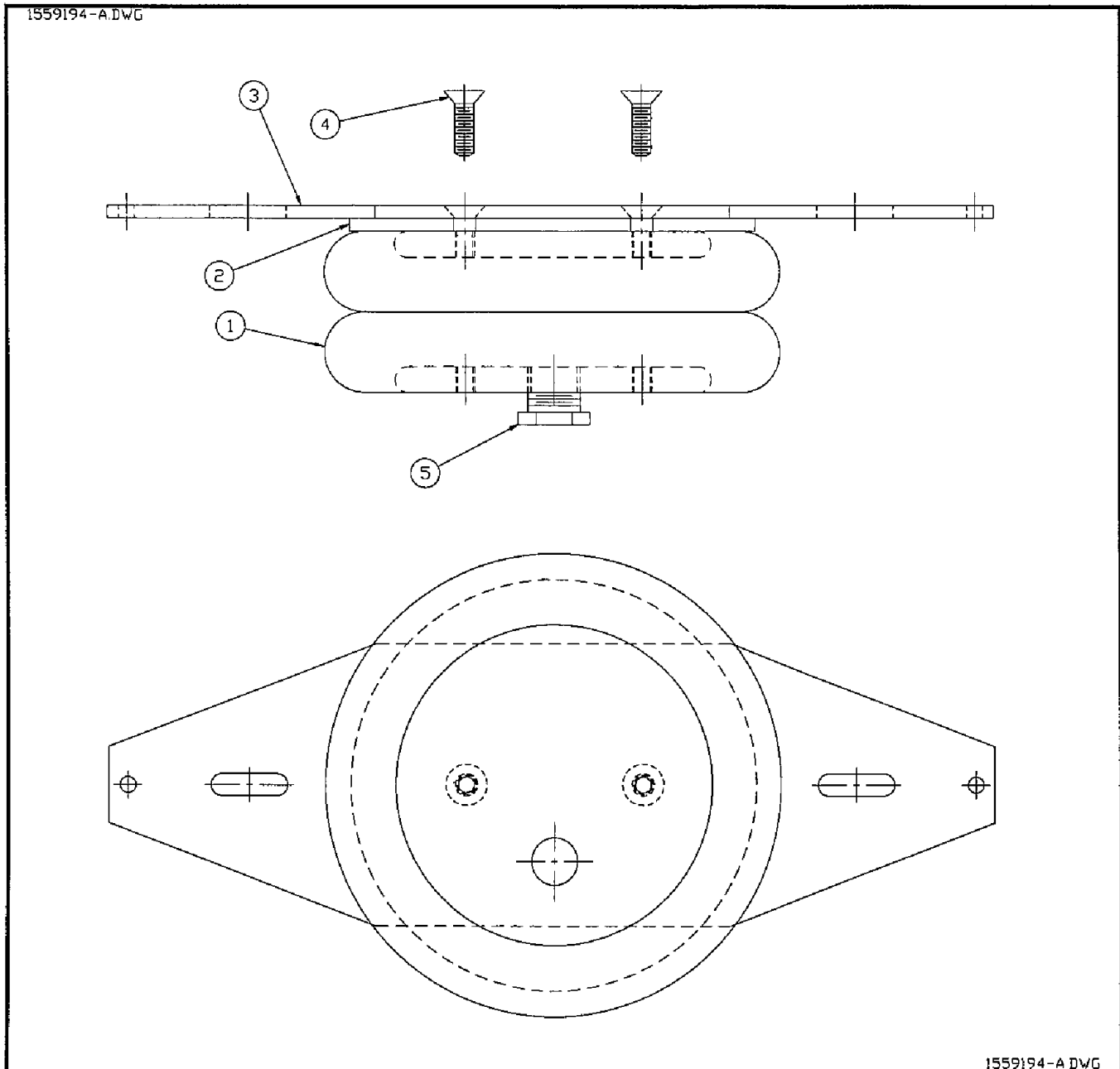
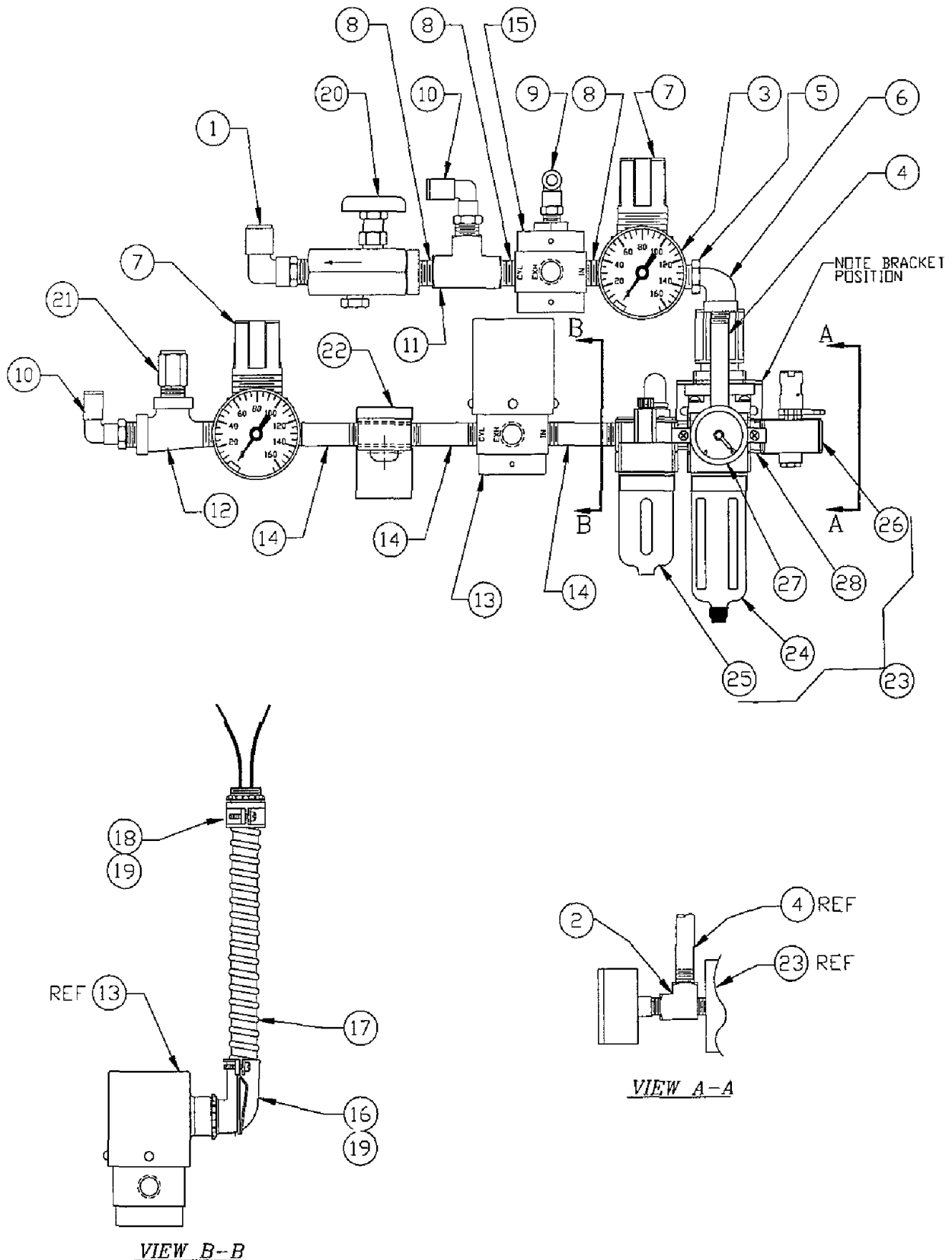


Figure 6-30. Air Bag Assembly

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-30--	1559194	AIR BAG ASSEMBLY							ref
6-30-1	1562867	ACTUATOR, Air Bag							1
6-30-2	1555127	PLATE, Heat Protection							1
6-30-3	1545177	PLATE, Mounting							1
6-30-4	C-62286	SCREW, Mach, flat hd, , Z/P stl, 3/8-16 x 1"lg							2
6-30-5	1161140	BUSHING, Pipe, reduce, mi, 3/4npt x 1/2npt							1

1568286-B DWG



1568286-B DWG

Figure 6-31. Air Inlet Assembly

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-31--	1568286	AIR INLET ASSEMBLY							ref
6-31-1	1410323	ELBOW, Tubing, 3/8t x 1/4npt, qc							1
6-31-2	C-30541	TEE, Pipe, street, run, brass, 1/8npt,							1
6-31-3	1477959	GAGE, Pressure, Air, 0-160 psi							2
6-31-4	C-46091	NIPPLE, Pipe, sch 40, bi, 1/8npt x 3"lg							1
6-31-5	C-19609	BUSHING, Pipe, hex, reduce, mi, 1/4npt x 1/8npt							1
6-31-6	C-28235	ELBOW, Pipe, street, 90°, bi, 1/8npt							1
6-31-7	A-54181	REGULATOR, Air, relieving, 1/4npt, 5-125 psi							2
6-31-8	1151752	NIPPLE, Pipe, sch 40, bi, 1/4npt x close							3
6-31-9	1407741	ELBOW, Tubing, male, swivel, 1/4t x 1/8npt, qc							1
6-31-10	1419811	ELBOW, Tubing, male, swivel, 1/4t x 1/4npt, qc							2
6-31-11	1188242	TEE, Pipe, brass, 1/4npt							1
6-31-12	1266808	TEE, Pipe, service, run, 1/4npt							1
6-31-13	1374248	VALVE, Air, solenoid, 3-way, N.C.							1
6-31-14	1026335	NIPPLE, Pipe, sch 40, bi, 1/4npt x 1-1/2"lg							3
6-31-15	A-53550	VALVE, Dump, 3-way, N.C., 1/8npt pilot, 1/4npt ports							1
6-31-16	1086115	CONNECTOR, Flex Conduit, 90°, 1/2"							1
6-31-17	A-24543	CONDUIT, Flex, 1/2							10.5 in.
6-31-18	C-22893	CONNECTOR, Straight, 1/2", Flex, metal conduit							1
6-31-19	1232990	BUSHING, Armored Cable							2
6-31-20	1039015	VALVE, Flow Control, brass, 1/4npt							1
6-31-21	1408020	CONNECTOR, Tubing, male, 3/8t x 1/4npt, qc							1
6-31-22	1581339	BRACKET WELDMENT							1
6-31-23	1557479	FILTER/LUBRICATOR/REGULATOR ASSEMBLY							1
6-31-24	1557487	FILTER/REGULATOR ASSEMBLY							1
6-31-25	1557495	LUBRICATOR							1
6-31-26	1557503	VALVE, Shut off							1
6-31-27	1571397	GAUGE, Pressure							1
6-31-28	1571413	SPACER							2

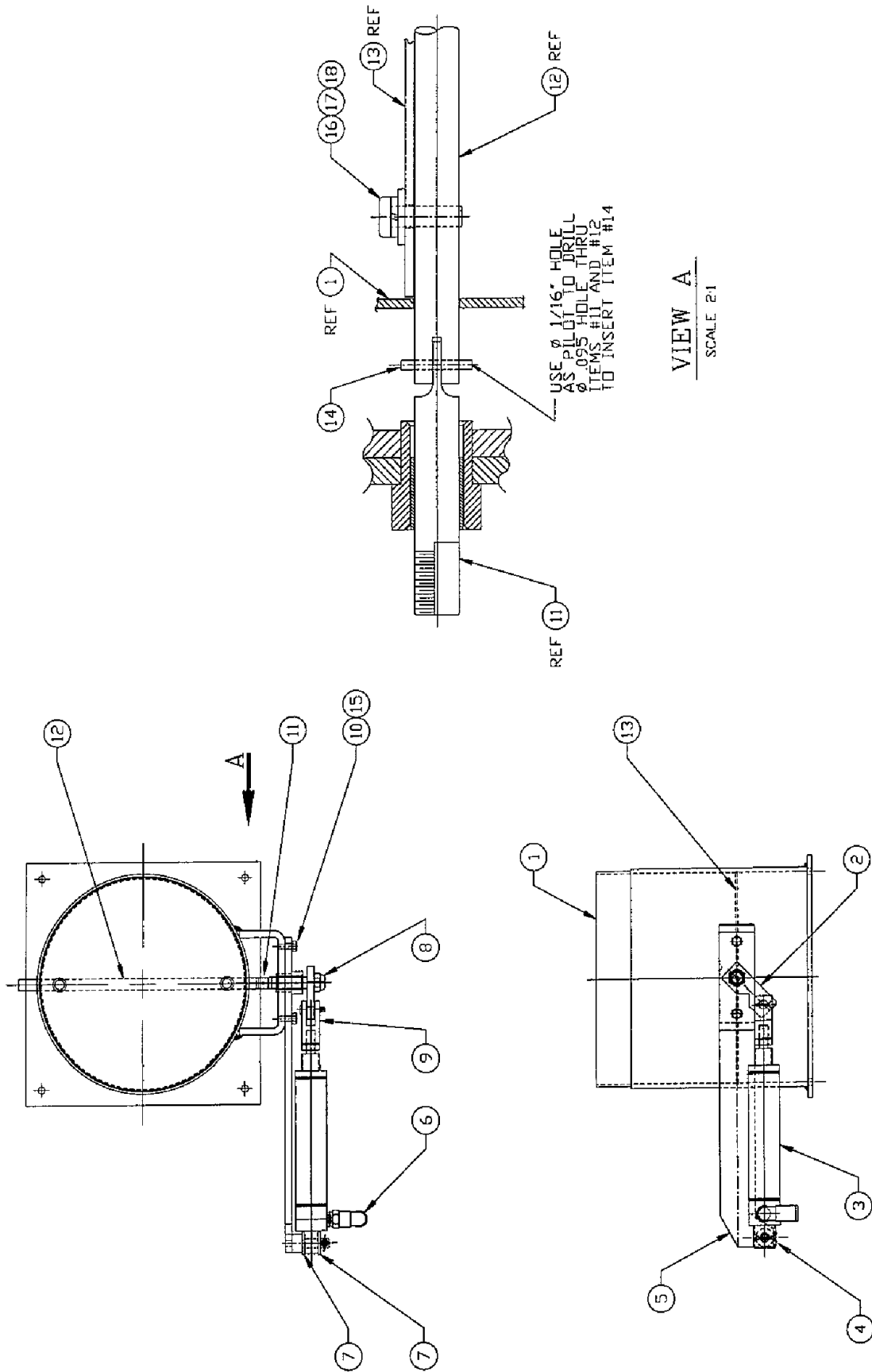


6-56

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-32--	ref	LOW PRESSURE AIR SYSTEM							ref
6-32-1	ref	STEAM COIL (see Figure 6-37 for breakdown)							ref
6-32-2	ref	HEAT EXCHANGER (see Figure 6-40 for breakdown)							ref
6-32-3	--	not used							
6-32-4	ref	BLOWER (see Figure 6-? for breakdown)							ref
6-32-5	A-51527	GASKET, Rubber							8
6-32-6	1579176	AIR FILTER BOX AND DAMPER ASSEMBLY (see Figure 6-35 for breakdown)							1
6-32-7	1425719	SCREEN, Blower Filter							2
6-32-8	--	not used							
6-32-9	C-80513	WASHER, Plain, Z/P stl, type A, 1/4							9
6-32-10	1185073	LOCKWASHER, spring, Z/P stl, 1/4							9
6-32-11	--	not used							
6-32-12	1564145	AIR FILTER BOX WELDMENT							1
6-32-13	1000769	NUT, hex, full, Z/P stl, 1/4-20							4
6-32-14	1001726	SCREW, hex hd, grade 5, Z/P stl, 1/4-20 x 5/8"lg							4
6-32-15	A-50153	SCREW, hex hd, grade 5, Z/P stl, 3/8-16 x 1-1/2"lg							8
6-32-16	1001304	WASHER, Plain, Z/P stl, type A, 3/8							8
6-32-17	1001064	LOCKWASHER, Z/P stl, Spring, 3/8							8
6-32-18	1000827	NUT, hex, full, Z/P stl, 3/8-16							8
6-32-19	1576347	DAMPER BOX ASSEMBLY (see Figure 6-34 for breakdown)							1
6-32-20	1393552	BRACKET							1
6-32-21	1398551	NIPPLE, Pipe							1
6-32-22	1393545	MUFFLER WELDMENT							1
6-32-23	ref	DISCHARGE ELBOW ASSEMBLY (see Figure 6-38 for breakdown)							ref
6-32-24	1555069	DISCHARGE TUBE ASSEMBLY (see Figure 6-36 for breakdown)							1
6-32-25	A-50134	SCREW, hex hd grade 5, Z/P stl, 5/16-18 x 1/2"lg							8
6-32-26	A-50139	SCREW, hex hd grade 5, Z/P stl, 5/16-18 x 1-1/4"lg							2
6-32-27	C-80591	WASHER, Plain, Z/P stl, type A, 5/16							8
6-32-28	C-43212	LOCKWASHER, Spring, Z/P stl, 5/16							8
6-32-29	1552181	BUTTERFLY DAMPER ASSEMBLY (see Figure 6-33 for breakdown)							1
6-32-30	1162668	SCREW, Tapping, phil pan hd, Z/P stl, TYPE b, #10 x 5/8"lg							4
6-32-31	1557677	MANIFOLD WELDMENT, Blower							2
6-32-32	C-21538	CLAMP, Worm Gear, sst, range: 1-9/16 to 2-1/2"dia							10
6-32-33	C-21554	CLAMP, Worm Gear, sst, range: 4-3/4 to 6"dia							4
6-32-34	1581271	HOSE, Aluminum Fiber, 6" id							a/r
6-32-35	1581271	HOSE, Aluminum Fiber, 6" id							a/r
6-32-36	M-96004	HOSE, Flex, Exhaust, 2" id							a/r
6-32-37	M-96004	HOSE, Flex Exhaust, 2" id							a/r
6-32-38	M-96004	HOSE, Flex Exhaust, 2" id							a/r
6-32-39	M-96004	HOSE, Flex Exhaust, 2" id							a/r
6-32-40	M-96004	HOSE, Flex Exhaust, 2" id							a/r

1552181-A DWG

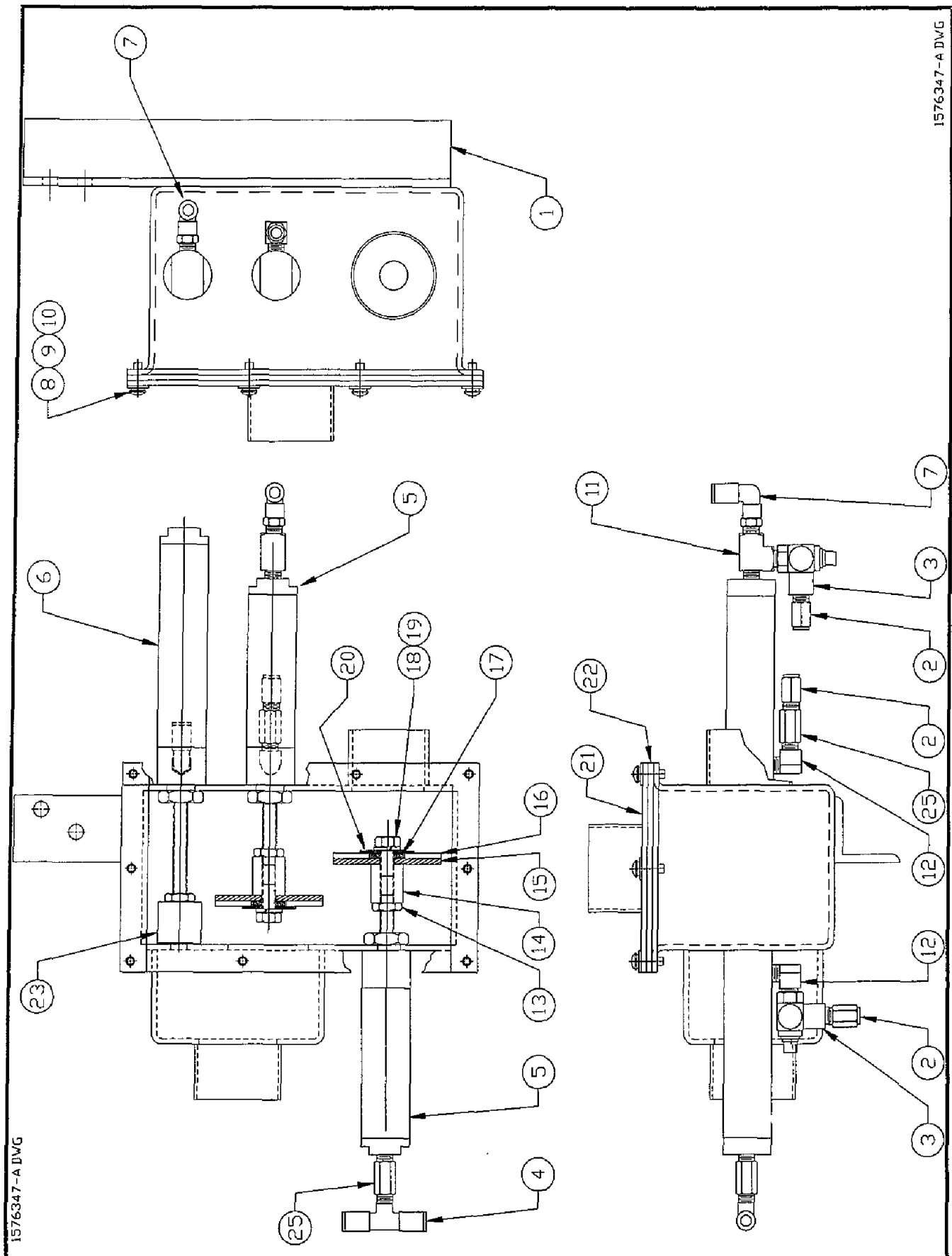


1552181-A DWG

Figure 6-33. Butterfly Damper Assembly

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-33--	1552181	BUTTERFLY DAMPER ASSEMBLY							ref
6-33-1	1551944	HOUSE WELDMENT							1
6-33-2	1551845	LINKAGE							1
6-33-3	C-54526	PIN, Cotter, Z/P stl, 3/32"dia x 1/2"lg							1
6-33-4	1553916	PLATE SUB-ASSEMBLY							1
	1551951	PLATE WELDMENT							1
	1554112	BUSHING, Plastic, self-lubricating, 3/8"od x 5/16"id x 1/2"lg							1
6-33-5	1407741	ELBOW, Tubing, male, swivel, 1/4t x 1/8npt							1
6-33-6	1370113	WASHER, Plain, sst, type A, 1/4"							1
6-33-7	1425719	SCREEN, Blower Filter							2
6-33-8	1447424	LOCKNUT, hex, full, C/P stl, grade B, 5/16-18							1
6-33-9	1561414	WASHER, Plain, 1/4							1
6-33-10	C-63463	SCREW, Cap, hex skt, sst, 1/4-20 x 3/8"lg							2
6-33-11	1551811	SHAFT, Drive							1
6-33-12	1551894	SHAFT, Intermediate							1
6-33-13	1551902	BUTTERFLY							1
6-33-14	C-54796	PIN, Roll, sst, 3/32"dia x 1/2"lg							2
6-33-15	C-80513	WASHER, Plain, Z/P stl, type A, 1/4"							1
6-33-16	C-61247	SCREW, Mach, phil pan hd, Z/P stl, 6-32 x 1/2"lg							2
6-33-17	1205129	LOCKWASHER, Spring, Z/P stl, #6							2
6-33-18	C-80612	WASHER, Plain, Z/P stl, type A, #6							2



PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-34--	1576347	DAMPER BOX ASSEMBLY							ref
6-34-1	1576339	DAMPER BOX WELDMENT							1
6-34-2	1408004	CONNECTOR, Tubing, male, 1/4t x 1/8npt, qc							2
6-34-3	1455781	VALVE, Swivel, Flow Control, 1/8npt							2
6-34-4	1437029	TEE, Tubing, male, branch, 1/4t x 1/8npt, qc							1
6-34-5	1561240	CYLINDER, Air, sst. double acting, 1-1/16"bore x 2"stroke, 5/16-24 thd							2
6-34-6	1366269	CYLINDER, Air, single acting, 1-1/16"bore x 2"stroke							1
6-34-7	1407741	ELBOW, Tubing, male, swivel, 1/4t x 1/8npt, qc							3
6-34-8	C-61269	SCREW, Mach, phil pan hd, Z/P stl, #10-24x 5/8"lg							10
6-34-9	1000975	LOCKWASHER, spring, Z/P stl, #10							10
6-34-10	C-80759	WASHER, Plain Z/P stl, type, #10							10
6-34-11	C-30541	TEE, Pipe, street, brass, 1/8npt							1
6-34-12	C-28317	ELBOW, Pipe, street, 90°, brass, 1/8npt							1
6-34-13	C-48289	NUT, hex, jam, sst, 5/16-24							3
6-34-14	1550938	ROD COUPLING, Cylinder							2
6-34-15	1398478	WASHER, Large							2
6-34-16	1398460	WASHER, Rubber							2
6-34-17	1398452	WASHER, Shim							2
6-34-18	C-62851	SCREW, Cap, hex hd, grade 5, Z/P stl, 5/16-24 x 1"lg							2
6-34-19	C-43212	LOCKWASHER, Spring, Z/P stl, 5/16"							2
6-34-20	1398437	WASHER, Outside, small							2
6-34-21	1553908	COVER, Damper box weldment							1
6-34-22	1531763	GASKET, Damper box							1
6-34-23	1578160	INSERT, Rod end							1
6-34-24	M-92297	CEMENT, Contact, #1300							a/r
6-34-25	1392158	ORIFICE, 1/8npt							2

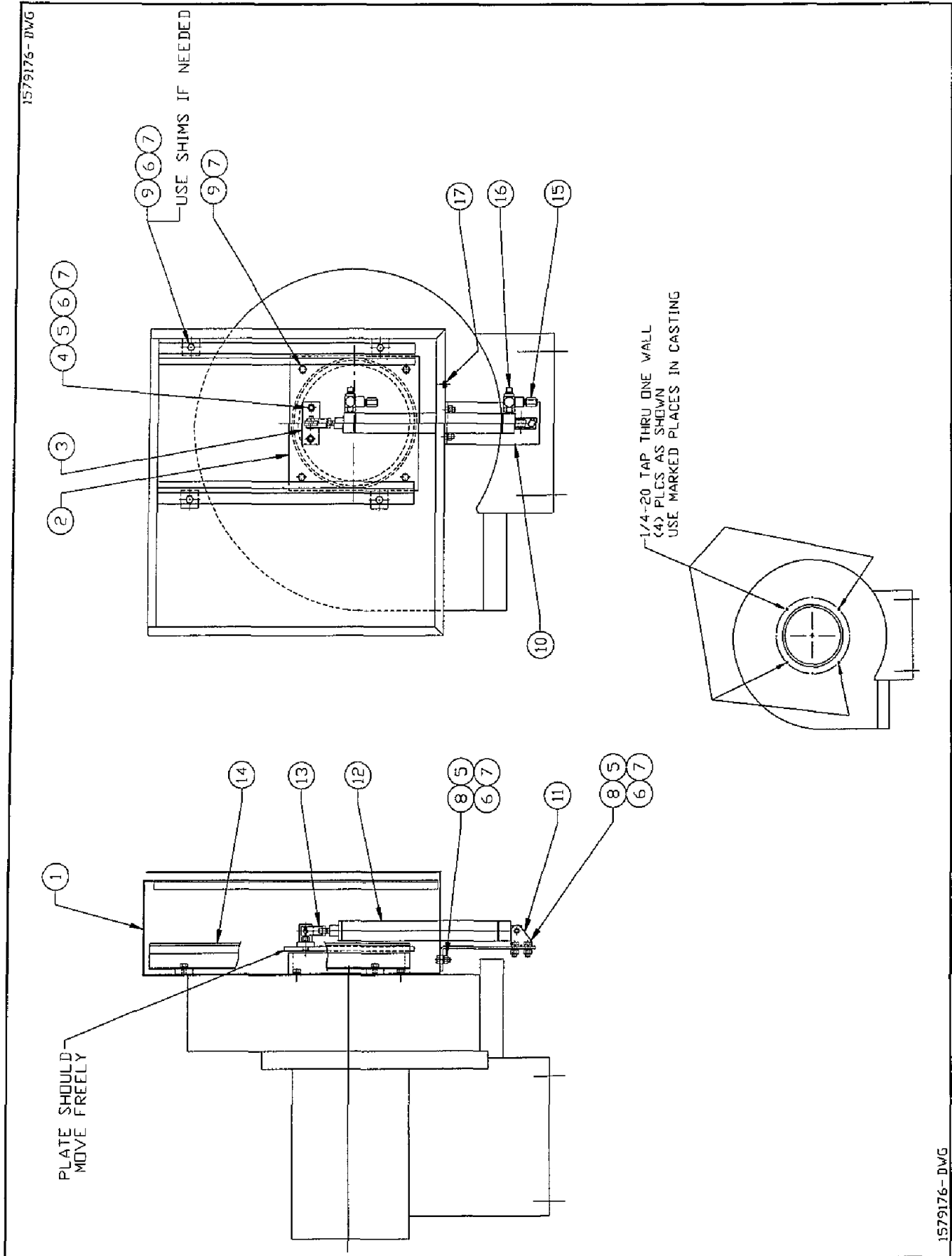


Figure 6-35. Air Filter Box and Damper Assembly

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-35--	1579176	AIR FILTER BOX AND DAMPER ASSEMBLY							ref
6-35-1	1558022	FILTER BOX WELDMENT							1
6-35-2	1581230	PLATE, Damper, filter box							1
6-35-3	1581214	FRONT CLEVIS WELDMENT							1
6-35-4	C-62816	SCREW, Mach, flat hd, sst, 1/4-20 x 1"lg							2
6-35-5	1000769	NUT, hex, full, Z/P stl, 1/4-20							4
6-35-6	C-80513	WASHER, Plain, Z/P stl, type A, 1/4"							8
6-35-7	1001007	LOCKWASHER, Spring, Z/P stl, 1/4"							12
6-35-8	A-53020	SCREW, Cap, hex hd, grade 5, Z/P stl, 1/4-20 x 3/4"lg							8
6-35-9	A-52631	SCREW, Cap, hex hd, grade 5, Z/P stl, 1/4-20 x 1/2"lg							8
6-35-10	1581222	SUPPORT, Damper Filter Box							1
6-35-11	1581255	BRACKET, Rear cylinder,							1
6-35-12	1581263	CYLINDER, Air, double acting, 1-1/16"bore x 7-1/2"stroke							1
6-35-13	1258854	CLEVIS, Female rod w/nut, 5/16-24 thd							1
6-35-14	1579200	GUIDE WELDMENT							2
6-35-15	1408004	CONNECTOR, Tubing, male, 1/4t x 1/8npt, qc							2
6-35-16	1455781	VALVE, Swivel, Flow Control							2
6-35-17	1443886	GROMMET, Rubber, 1/4"id							1
6-35-18	ref	BLOWER (see Figure 6-? for breakdown)							ref

PRODUCT CODE 356

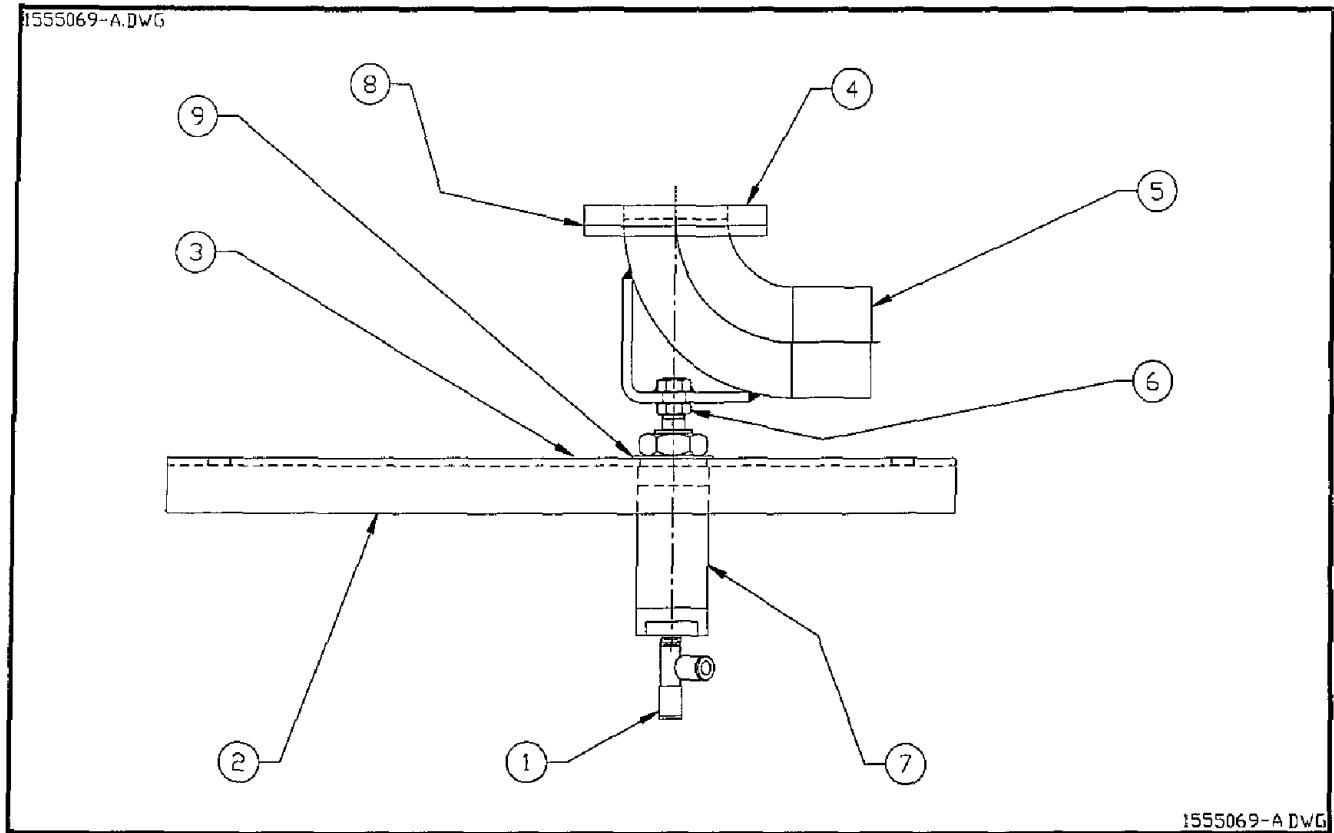


Figure 6-36. Discharge Tube Assembly

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-36--	1555069	DISCHARGE TUBE ASSEMBLY, Air to side air bags							ref
6-36-1	1438357	TEE, Tubing, male, run, 1/4t x 1/8npt, qc							1
6-36-2	1555101	SUPPORT PLATE, Discharge air to side air bags							1
6-36-3	A-53116	LOCKWASHER, Ext tooth, Z/P stl, 3/4"							2
6-36-4	1555663	GASKET, Discharge Tube							1
6-36-5	1555093	DISCHARGE TUBE WELDMENT							1
6-36-6	C-48220	NUT, hex, jam, Z/P stl, 3/8-							1
6-36-7	1566223	CYLINDER, Air, sst, 1-14"bore x 1/2"stroke							1
6-36-8	M-92275	SEALANT, Industrial grade silicone, 3 oz. tube							a/r

**THIS PAGE INTENTIONALLY
LEFT BLANK**

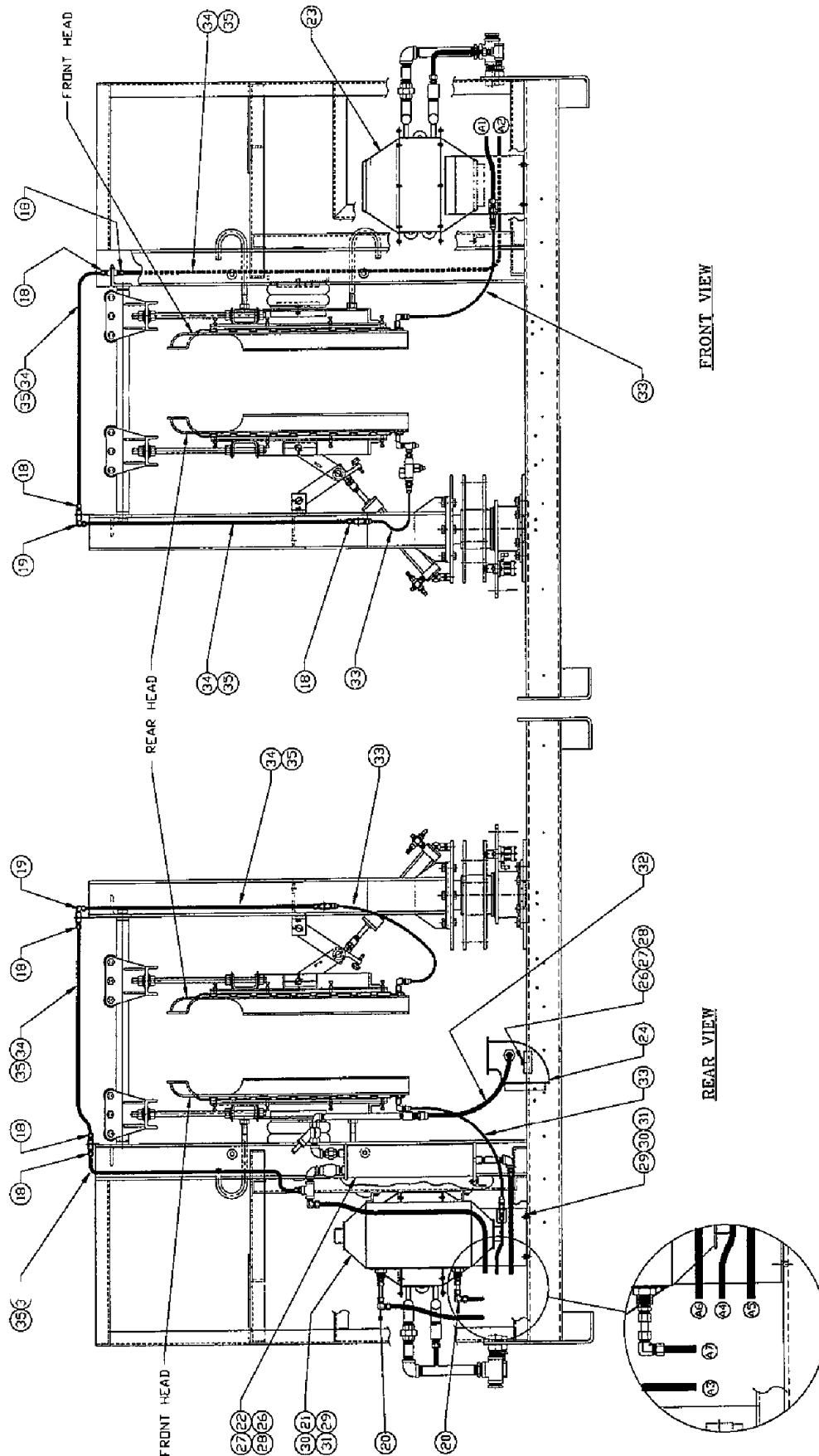
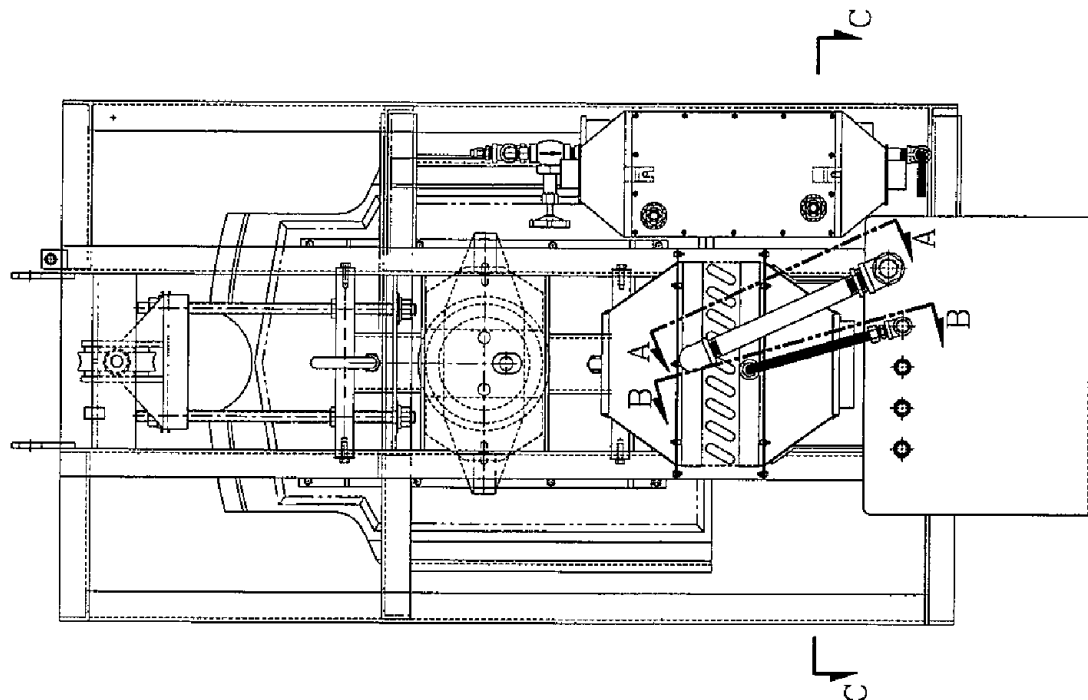
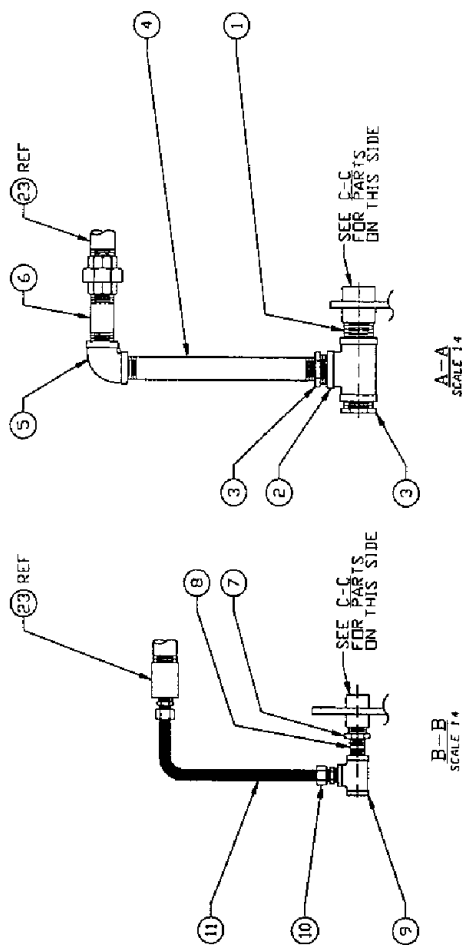


Figure 6-37. Steam System, Front and Rear Views (Sheet 1 of 2)

356M7S2 DWG

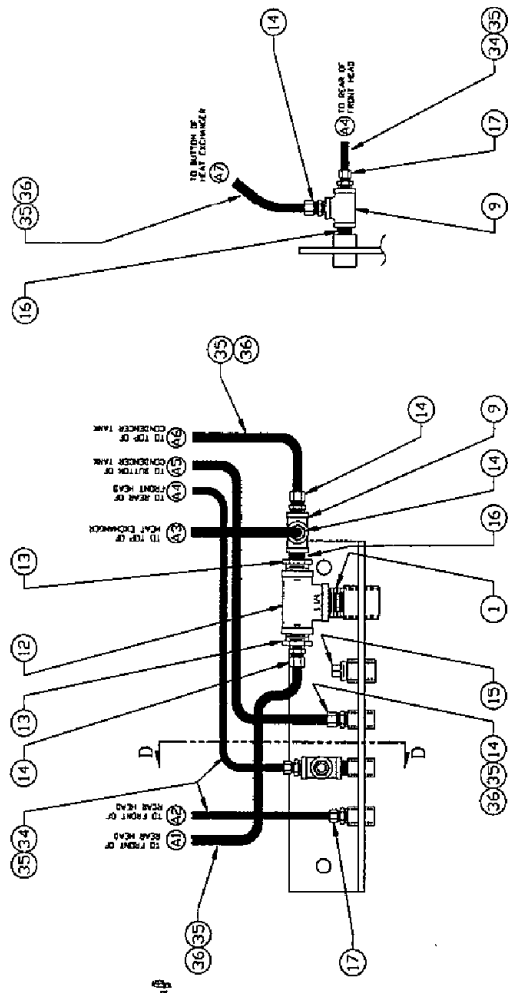


RIGHT VIEW



A-A
SCALE 1/4

B-B
SCALE 1/4



C-C
SCALE 1/4

D-D
SCALE 1/4

356M7S2 DWG

Figure 6-37. Steam System, Right View (Sheet 2 of 2)

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-37--	ref	STEAM SYSTEM							ref
6-37-1	C-46279	NIPPLE, Pipe, sch 40, bi, 1-1/4npt x close							2
6-37-2	C-70706	TEE, Pipe, sch 40, bi, 1-1/4npt							1
6-37-3	1161108	BUSHING, Pipe, hex, reduce, mi, 1-1/4" x 1"npt							1
6-37-4	1564251	NIPPLE, Pipe, sch 40, bi, 1"npt x 11-1/2"lg							1
6-37-5	1012491	ELBOW, Pipe, 90°, 1"npt							1
6-37-6	C-46075	NIPPLE, Pipe, sch 40, bi, 1"npt x 3"lg							1
6-37-7	1161140	BUSHING, Pipe, hex, reduce, mi, 3/4" x 1/2npt							1
6-37-8	1026665	NIPPLE, Pipe, sch 40, bi, 1/2npt x 2"lg							1
6-37-9	C-70628	TEE, Pipe, sch 40, bi, 1/2npt							3
6-37-10	1355254	CONNECTOR, Comp, male, brass, 5/8t x 1/2npt							1
6-37-11	1111525	TUBING, Copper refrig, 5/8"od							10 ft.
6-37-12	1513795	TEE, Pipe, reduce, bi, 1" x 1" x 1/4npt							1
6-37-13	1161165	BUSHING, Pipe, hex, reduce, bi, 1" x 1/2npt							1
6-37-14	1161272	CONNECTOR, Comp, male, brass, 1/2t x 1/2npt							4
6-37-15	C-55915	PLUG, Pipe, sq hd, ci, 3/4npt							1
6-37-16	1236553	NIPPLE, Pipe, sch 40, bi, 1/2npt x close							2
6-37-17	C-30919	CONNECTOR, Comp, male, brass, 3/8t x 1/2npt							2
6-37-18	1151646	CONNECTOR, Comp, male, brass, 3/8t x 1/4npt							8
6-37-19	1151620	ELBOW, Comp, male, brass, 3/8t x 1/4npt							2
6-37-20	C-30454	ELBOW, Comp, Union, brass, 1/2t							2
6-37-21	1564228	HEAT EXCHANGER ASSEMBLY (see Figure 6-41 for breakdown)							1
6-37-22	1561331	CONDENSER TANK ASSEMBLY (see Figure 6-40 for breakdown)							1
6-37-23	1564244	STEAM COIL ASSEMBLY (see Figure 6-38 for breakdown)							1
6-37-24	1569359	DISCHARGE ELBOW ASSEMBLY (see Figure 6-39 for breakdown)							1
6-37-25	--	not used							
6-37-26	1123389	SCREW, Cap, hex hd, grade 5, Z/P stl, 3/8-16 x 3/4"lg							4
6-37-27	1001304	WASHER, Plain, Z/P stl, type A, 3/8"							4
6-37-28	1001064	LOCKWASHER, Spring, Z/P stl, 3/8"							4
6-37-29	A-50134	SCREW, Cap, Hcx hd, grade 5, Z/P stl, 5/16-18 x 1/2"lg							6
6-37-30	C-43212	LOCKWASHER, Spring, Z/P stl, 5/16"							6
6-37-31	C-80564	WASHER, Plain, Z/P stl, type A, 5/8"							6
6-37-32	1458702	HOSE, Steam, sst, braided, 1/2"npt & 7/8-14 swivel							1
6-37-33	1319268	HOSE ASSEMBLY, Steam, sst, braided, 1/4npt & 5/8-18 swivel							4
6-37-34	1106665	TUBING, Copper, refrig, 3/8"od							10 ft.
6-37-35	M-90527	INSULATION, Braided Sleaving							1 ft.
6-37-36	1117191	TUBING, Copper, refrig, 1/2"od							10 ft.

This Page Intentionally Left Blank

PRODUCT CODE 356

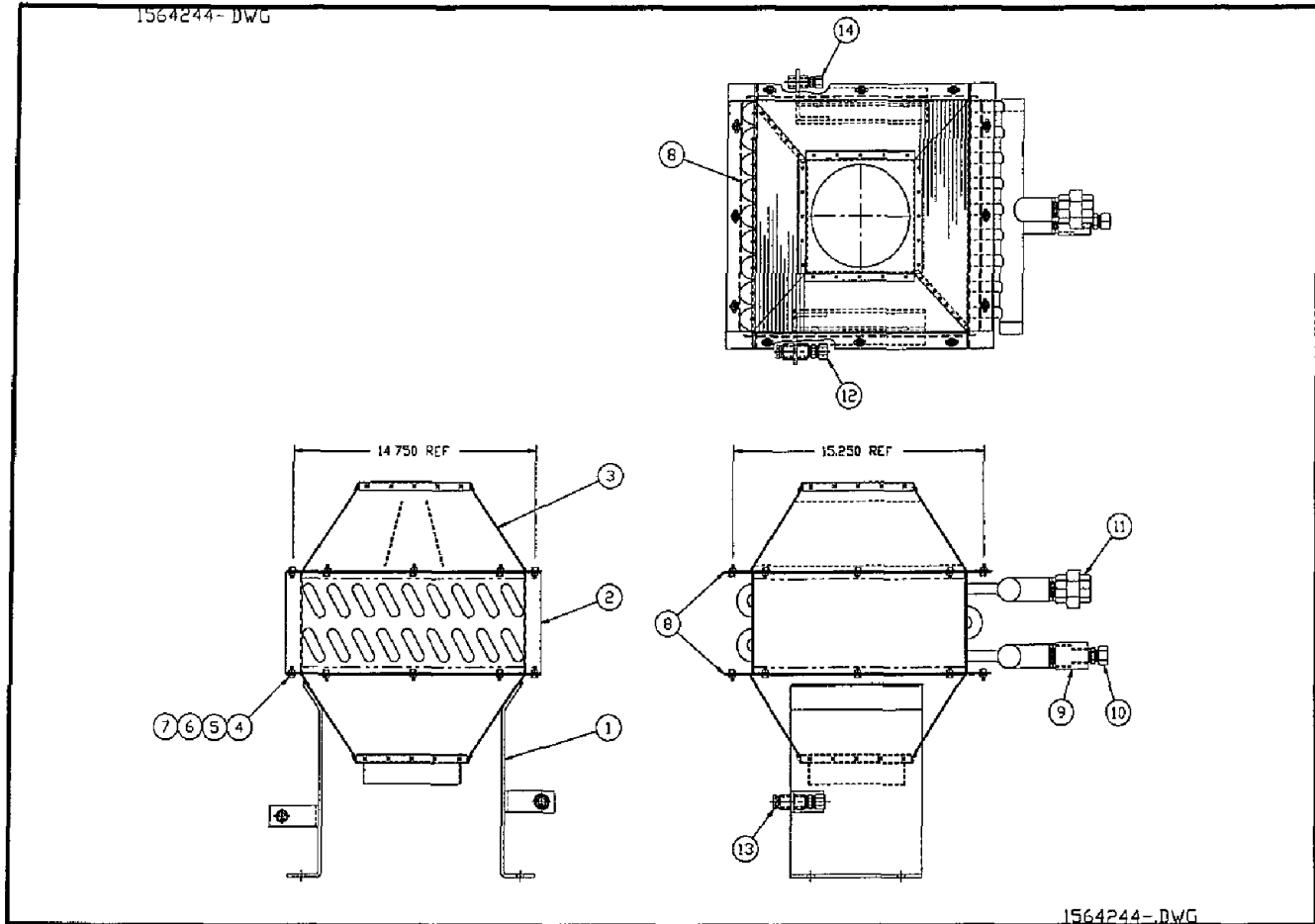
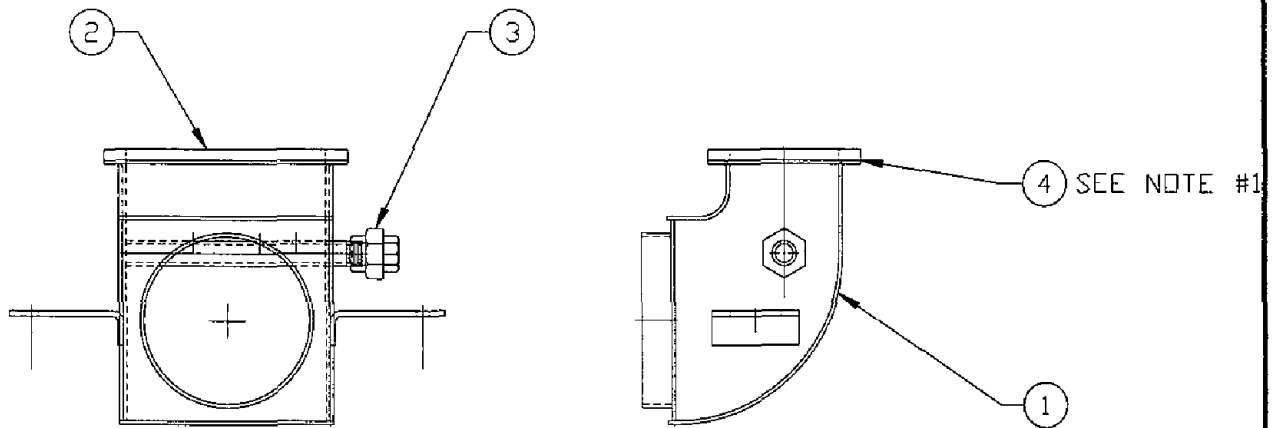


Figure 6-38. Steam Coil

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-38--	1564244	STEAM COIL							ref
6-38-1	1545771	BOTTOM DUCT WELDMENT							1
6-38-2	1536366	SUPER RADIATOR							1
6-38-3	1540780	TOP DUCT WELDMENT							1
6-38-4	1001627	SCREW, Cap, hex hd, Z/P stl, #10-24 x 1/2"LG							24
6-38-5	C-80759	WASHER, Plain, Z/P stl, type A, #10							24
6-38-6	1000975	LOCKWASHER, Z/P stl, Spring, #10							24
6-38-7	1000736	NUT, hex, mach, Z/P stl, #10-24							24
6-38-8	M-92275	SEALANT, Silicone, RTV							a/r
6-38-9	C-58630	COUPLING, Reduce, 1"npt 1/2npt							1
6-38-10	1355254	CONNECTOR, Comp, male, brass, 5/8t x 1/2npt							1
6-38-11	1014570	UNION, mi, 1"npt							1
6-38-12	C-30857	CONNECTOR, Comp, male, brass, 1/2t x 3/8npt							1
6-38-13	C-19662	BUSHING, Pipe, hex, reduce, MI, 3/8 x 1/4npt							1
6-38-14	1151646	CONNECTOR, Comp, male, brass, 3/8t x 1/4npt							1

PRODUCT CODE 356

1569359- DWG



NOTE:

1. BOND ITEM #2 (GASKET) TO ITEM #1 (DISCHARGE ELBOW) WITH ITEM #4 (SILICONE ADHESIVE)

1569359-.DWG

Figure 6-39. Discharge Elbow Assembly

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-39--	1569359	DISCHARGE ELBOW ASSEMBLY							ref
6-39-1	1539741	DISCHARGE ELBOW WELDMENT							1
6-39-2	1555671	GASKET							1
6-39-3	1014554	UNION, Pipe, 1/2npt							1
6-39-4	M-92300	SEALANT, Silicone Adhesive							a/r

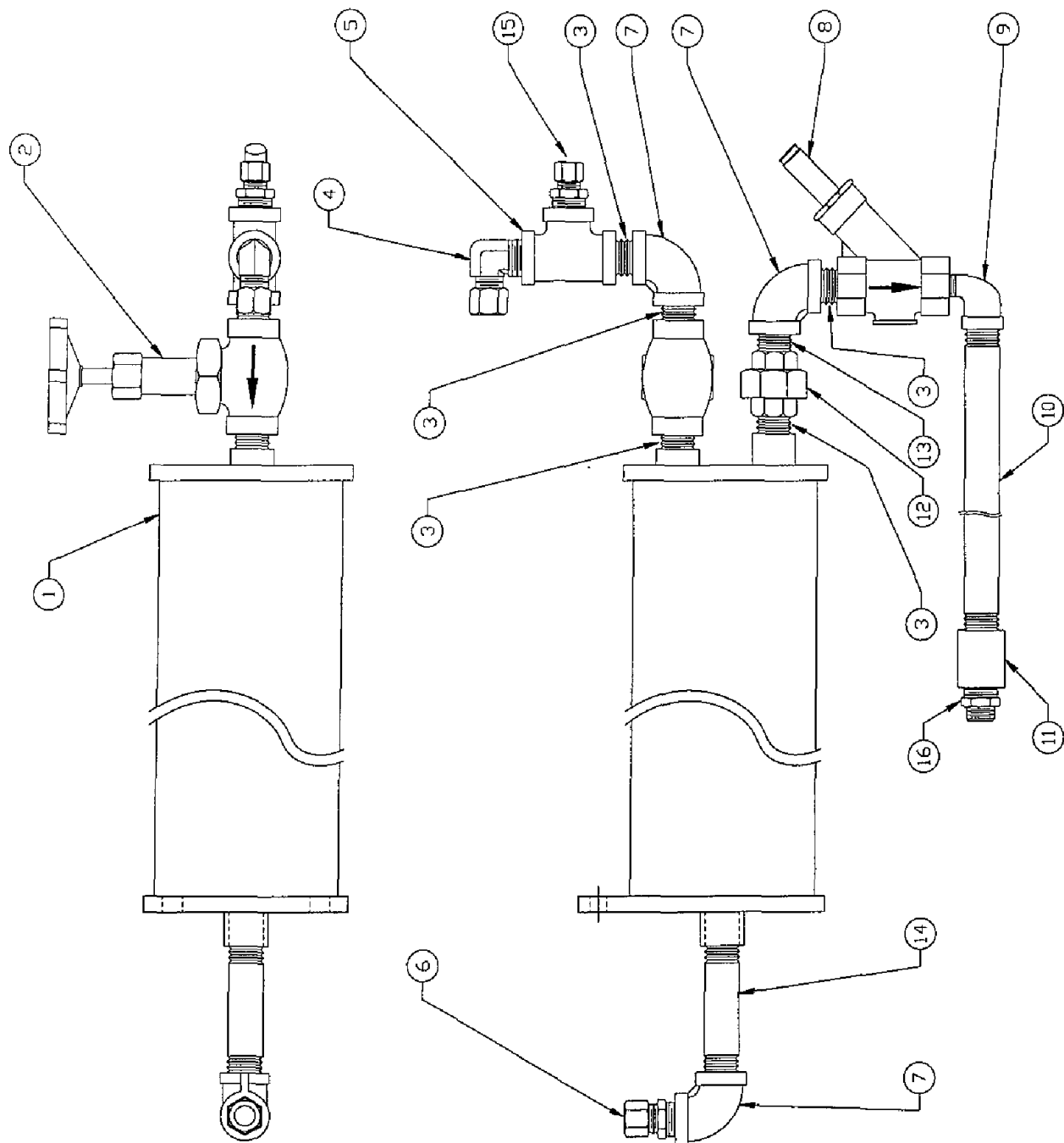


Figure 6-40. Condenser Tank Assembly

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-40--	1561331	CONDENSER TANK ASSEMBLY							ref
6-40-1	1538768	CONDENSER TANK WELDMENT							1
6-40-2	1178714	VALVE, Bronze, 1/2npt							1
6-40-3	1236553	NIPPLE, Pipe, sch 40, bi, 1/2npt x close							5
6-40-4	1161280	ELBOW, Comp, male, brass, 1/2t x 1/2npt							1
6-40-5	C-70628	TEE, Pipe, sch 40, bi, 1/2"npt							1
6-40-6	1161272	CONNECTOR, Comp, male, brass, 1/2t x 1/2npt							2
6-40-7	1239383	ELBOW, Pipe, 90°, 1/2"npt							3
6-40-8	GD-145-16	VALVE, Solenoid, 2-way, 1/2npt, 1/2" orifice							1
6-40-9	1014455	ELBOW, Pipe, street, 90°, bi, 1/2npt							1
6-40-10	C-46228	NIPPLE, Pipe, sch 40, bi, 1/2npt x 12"lg							1
6-40-11	1240878	COUPLING, Pipe, full, stl, 1/2npt							1
6-40-12	1014554	UNION, Pipe, mi, 1/2npt							1
6-40-13	1581925	ORIFICE WELDMENT							1
6-40-14	1240860	NIPPLE, Pipe, sch 40, bi, 1/2npt x 3"lg							1
6-40-15	C-30919	CONNECTOR, Comp, male, brass, 3/8t x 1/2npt							1
6-40-16	1188358	CONNECTOR, Flared, 45°, 5/8t x 1/2npt							1



PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-41--	1564228	HEAT EXCHANGER ASSEMBLY							ref
6-41-1	1538727	HOUSING WELDMENT, Heat Exchanger							1
6-41-2	1536382	STEAM COIL WELDMENT							1
6-41-3	1552496	PLATE, Cover							1
6-41-4	1162668	SCREW, Tapping, phil pan hd, Z/P stl, type B, #10 x 5/8"lg							16
6-41-5	1540731	FITTING, Bulkhead, 1/2npt							2
6-41-6	C-31374	CONNECTOR, Comp, male, brass, 1/2t x 1/2npt							2
6-41-7	1540814	GASKET, Joint Sealant							45 in.
6-41-8	1564392	INSULATION, Heat Exchanger							1

PRODUCT CODE 356

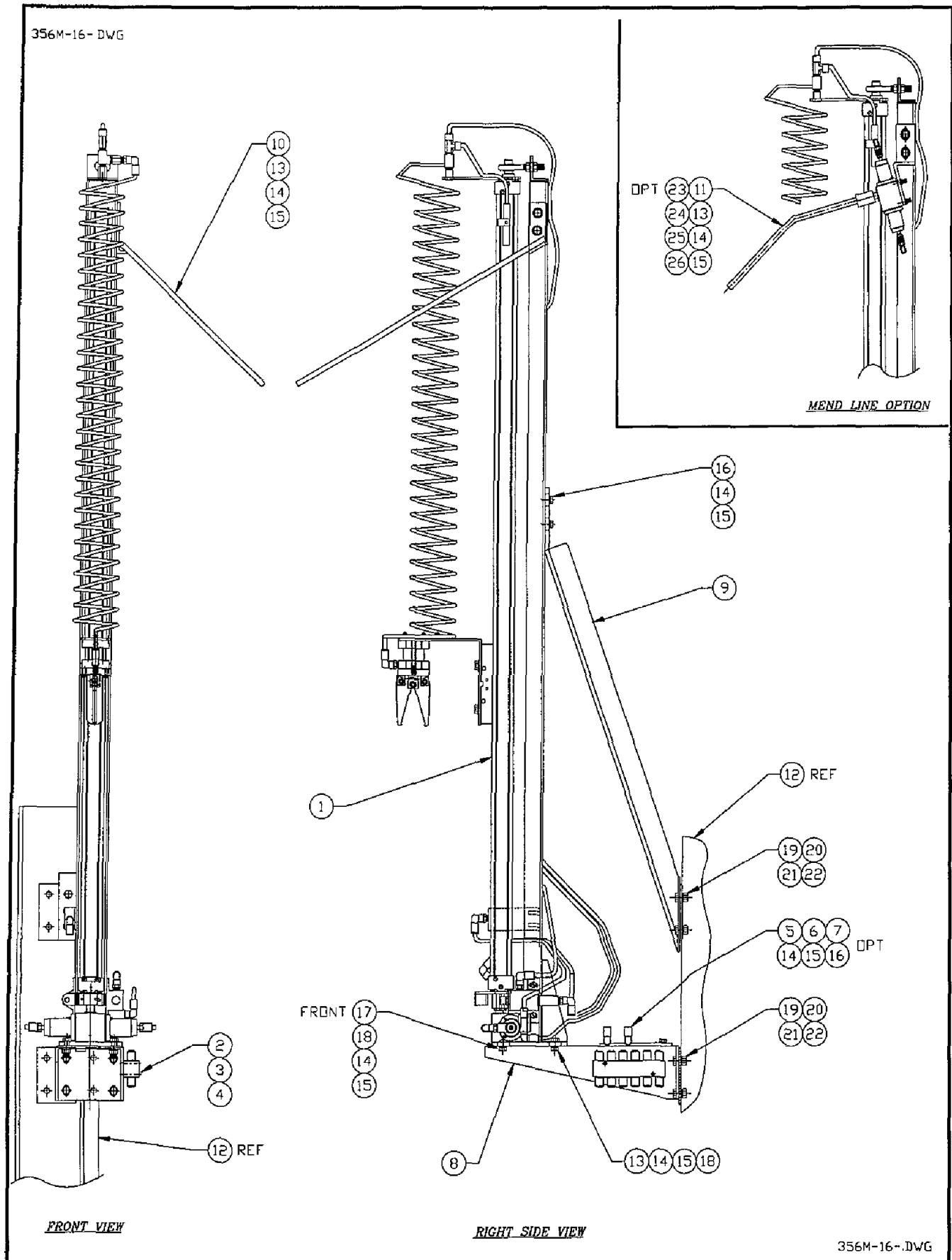


Figure 6-42. Shirt Take-Away System, Right Hand Unloading

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	Without	With
			Mendline Option	Mendline Option
6-42-1	ref 1564475	SHIRT TAKE-AWAY SYSTEM, Right Hand Unloading SHIRT TAKE-AWAY, Right Hand Assembly (see Figure 6-44 for breakdown)	1	1
6-42-2	1581289	MANIFOLD	1	1
6-42-3	C-61277	SCREW, Mach, phil pan hd, Z/P stl, #10-24 x 1-3/8"lg	2	2
6-42-4	1000975	LOCKWASHER, Spring, Z/P stl, #10	2	2
6-42-5	1490895	BRACKET AND COUPLING WELDMENT	--	1
6-42-6	1407741	ELBOW, Tubing, male, swivel, 1/4t x 1/8npt	--	2
6-42-7	1408004	CONNECTOR, Tubing, male, 1/4t x 1/8npt, qc	--	4
6-42-8	1555390	SUPPORT BRACKET, Unloading	1	1
6-42-9	1576297	BRACE WELDMENT, Unloading	1	1
6-42-10	1556265	HANGER WELDMENT, Right Hand	1	--
6-42-11	1566132	MENDLINE ASSEMBLY, Right Hand (see Figure 6-46 for breakdown)	--	1
6-42-12	ref	CENTER COLUMN WELDMENT		
6-42-13	C-62708	SCREW, Cap, hex hd, grade 5, Z/P stl, 1/4-20 X 3/4"lg	4	4
6-42-14	C-80513	WASHER, Plain, Z/P stl, type A, 1/4	8	9
6-42-15	1185073	LOCKWASHER., Spring, Z/P stl, 1/4	8	9
6-42-16	A-52631	SCREW, Cap, hex hd, grade 5, Z/P stl, 1/4-20 X 1/2"lg	2	3
6-42-17	A-50055	SCREW, Mach, phil pan hd, Z/P stl, 1/4-20 X 3/4"lg	2	2
6-42-18	1000769	NUT, hex full, Z/P stl 1/4-20	4	4
6-42-19	A-52158	SCREW, Cap, hex hd, grade 5, Z/P stl, 5/16-18 X 1"lg	6	6
6-42-20	C-80591	WASHER, Plain, Z/P stl, type A, 5/16	6	6
6-42-21	C-43212	LOCKWASHER, Spring, Z/P stl, 5/16"	6	6
6-42-22	1000793	NUT, hex full, Z/P stl 5/16-18	6	6
6-42-23	1103969	TUBING, Black, Poly-Flow, 1/4"od	--	a/r
6-42-24	1523638	MARKER, #2	--	4
6-42-25	1523661	MARKER, #5	--	2
6-42-26	1523679	MARKER, #6	--	2

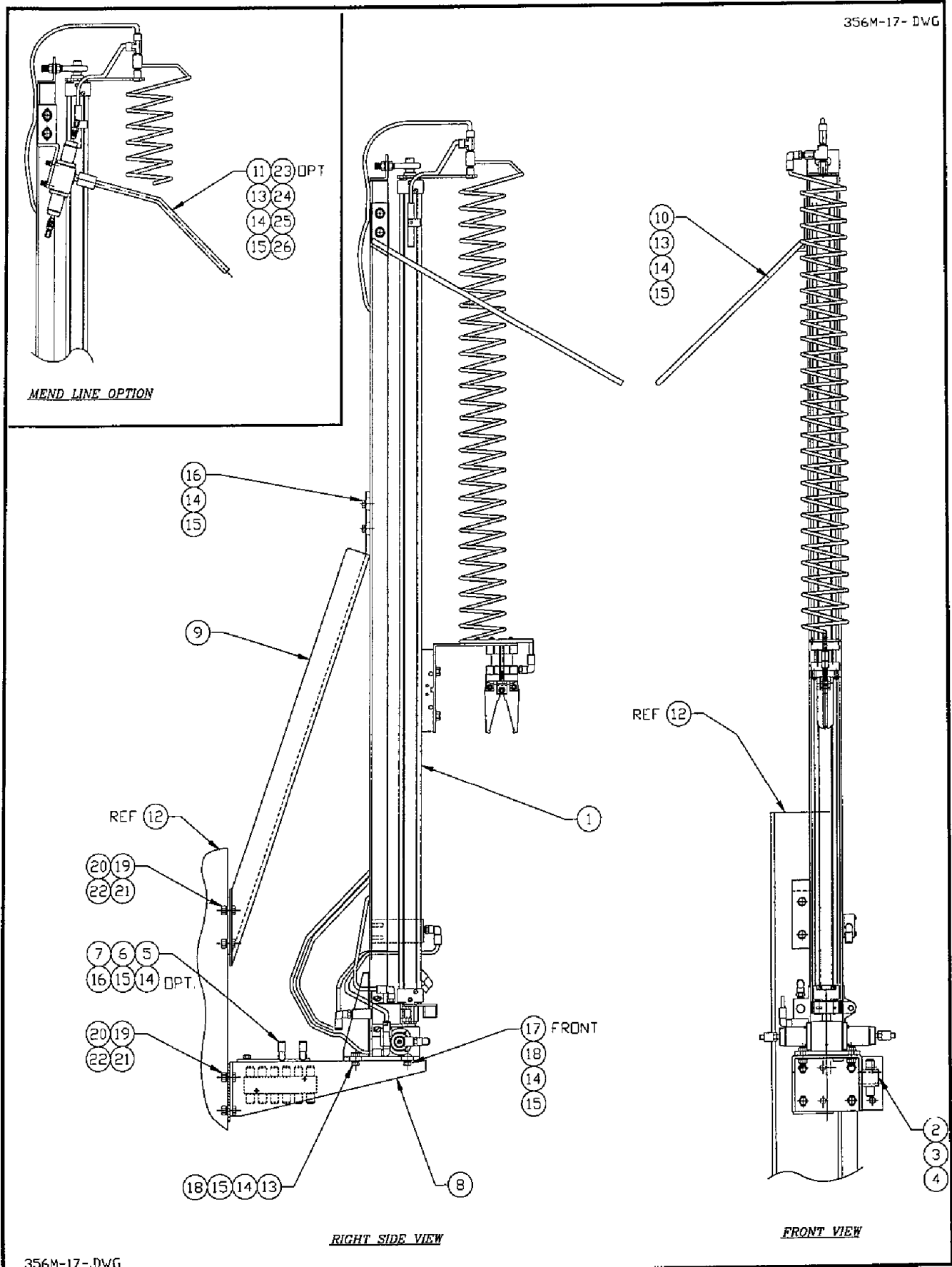


Figure 6-43. Shirt Take-Away System, Left Hand Unloading

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION 1 2 3 4 5 6 7	Without	With
			Mendline Option	Mendline Option
6-43- 6-43-1	ref 1557644	SHIRT TAKE-AWAY SYSTEM, Left Hand Unloading SHIRT TAKE-AWAY, Left Hand Assembly (see Figure 6-45 for breakdown)	1	1
6-43-2	1581289	MANIFOLD	1	1
6-43-3	C-61277	SCREW, Mach, phil pan hd, Z/P stl, #10-24 x 1-3/8"lg	2	2
6-43-4	1000975	LOCKWASHER, Spring, Z/P stl, #10	2	2
6-43-5	1490895	BRACKET AND COUPLING WELDMENT	--	1
6-43-6	1407741	ELBOW, Tubing, male, swivel, 1/4t x 1/8npt	--	2
6-43-7	1408004	CONNECTOR, Tubing, male, 1/4t x 1/8npt, qc	---	4
6-43-8	1555390	SUPPORT BRACKET, Unloading	1	1
6-43-9	1576297	BRACE WELDMENT, Unloading	1	1
6-43-10	1557560	HANGER WELDMENT, Left Hand	1	--
6-43-11	1566116	MENDLINE ASSEMBLY, Left Hand (see Figure 6-47 for breakdown)	--	1
6-43-12	ref	CENTER COLUMN WELDMENT		
6-43-13	C-62708	SCREW, Cap, hex hd, grade 5, Z/P stl, 1/4-20 X 3/4"lg	4	4
6-43-14	C-80513	WASHER, Plain, Z/P stl, type A, 1/4	8	9
6-43-15	1185073	LOCKWASHER., Spring, Z/P stl, 1/4	8	9
6-43-16	A-52631	SCREW, Cap, hex hd, grade 5, Z/P stl, 1/4-20 X 1/2"lg	2	3
6-43-17	A-50055	SCREW, Mach, phil pan hd, Z/P stl, 1/4-20 X 3/4"lg	2	2
6-43-18	1000769	NUT, hex full, Z/P stl 1/4-20	4	4
6-43-19	A-52158	SCREW, Cap, hex hd, grade 5, Z/P stl, 5/16-18 X 1"lg	6	6
6-43-20	C-80591	WASHER, Plain, Z/P stl, type A, 5/16	6	6
6-43-21	C-43212	LOCKWASHER, Spring, Z/P stl, 5/16"	6	6
6-43-22	1000793	NUT, hex full, Z/P stl 5/16-18	6	6
6-43-23	1103969	TUBING, Black, Poly-Flow, 1/4"od	--	a/r
6-43-24	1523638	MARKER, #2	--	4
6-43-25	1523661	MARKER, #5	--	2
6-43-26	1523679	MARKER, #6	--	2

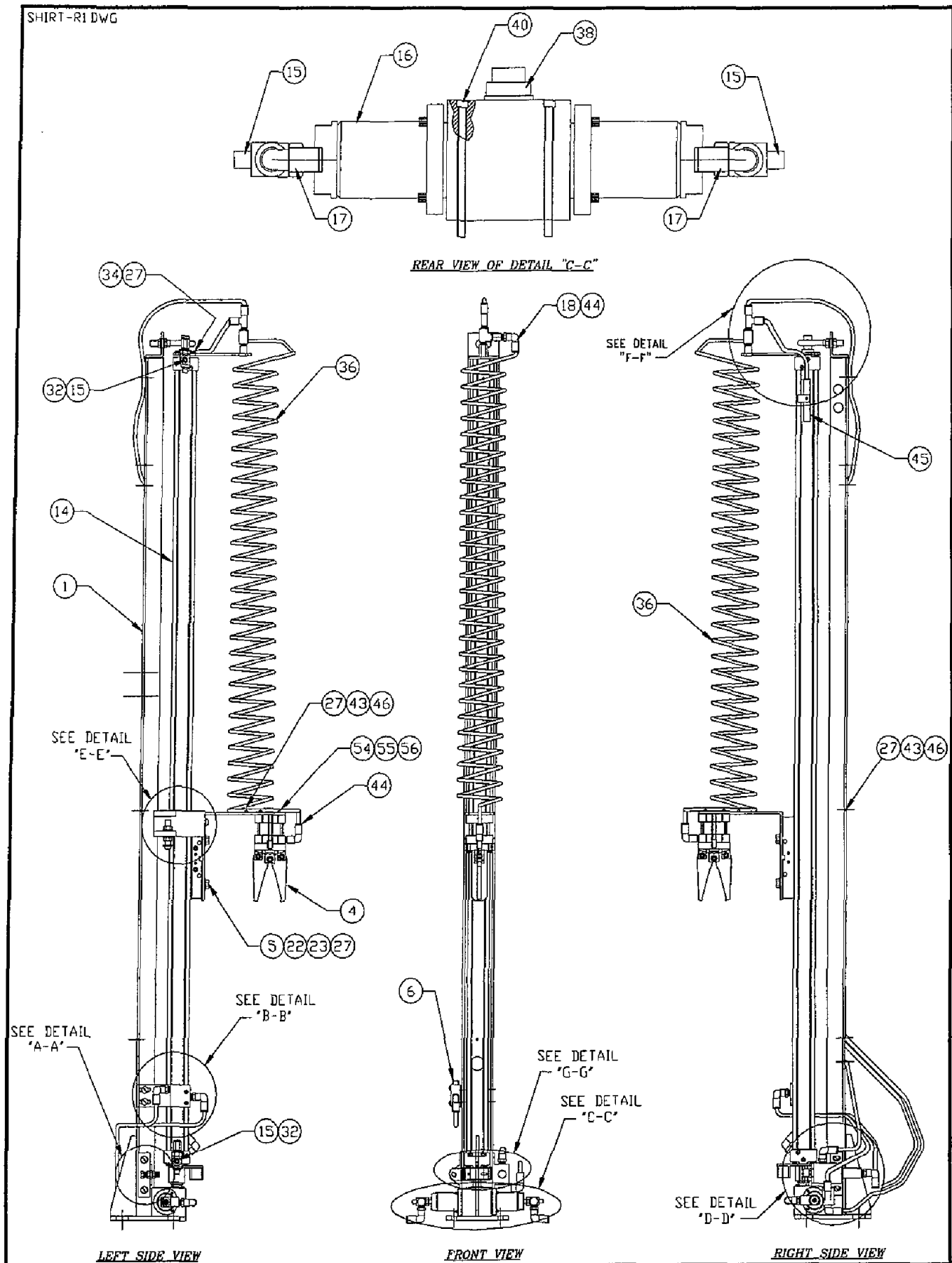
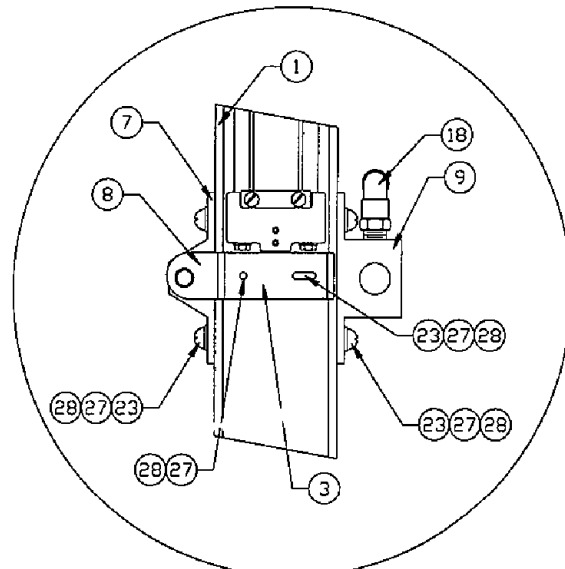
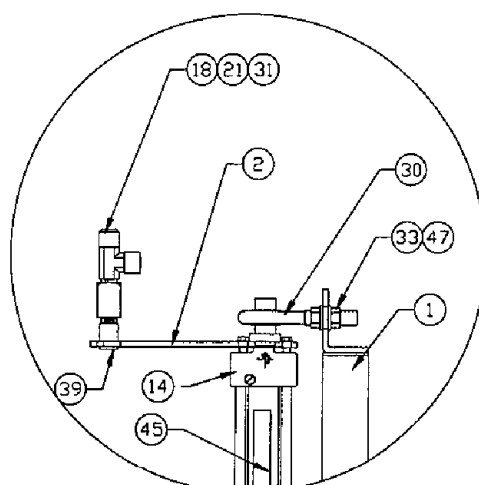
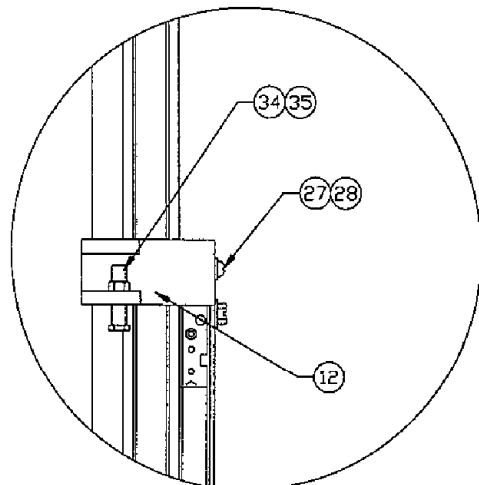
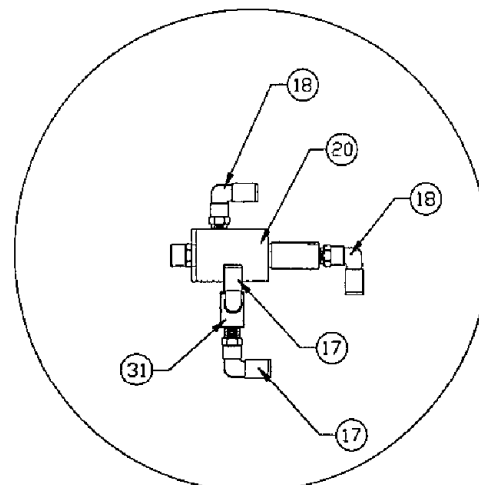
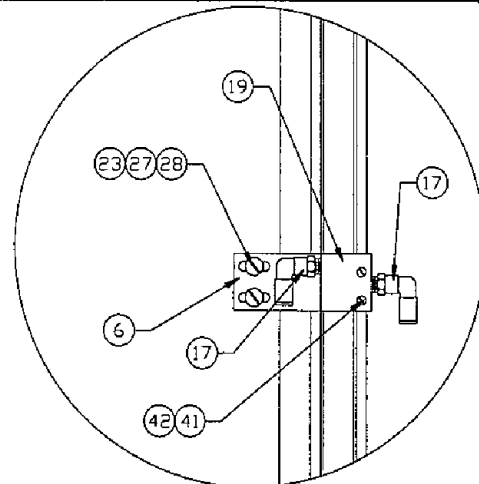
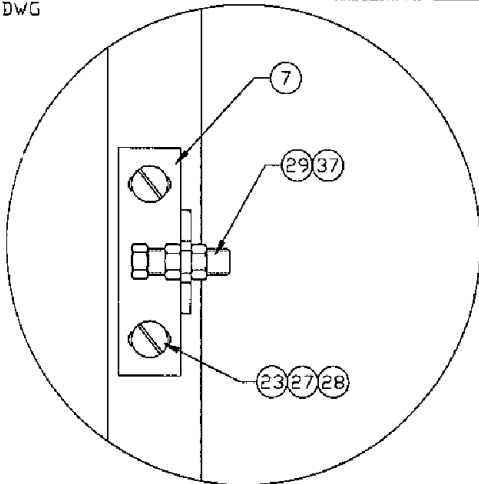


Figure 6-44. Shirt Take-Away, Right Hand Assembly (Sheet 1 of 2)

SHIRT-R2.DWG



SHIRT-R2.DWG

Figure 6-44. Shirt Take-Away, Right Hand Assembly (Sheet 2 of 2)

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-44-	1564475	SHIRT TAKE-AWAY, Right Hand Assembly							ref
6-44-1	1576305	CHANNEL SUPPORT WELDMENT							1
6-44-2	1556059	AIR COUPLING WELDMENT							1
6-44-3	1556083	ROTARY ACTUATOR WELDMENT							1
6-44-4	1557594	GRIPPER ASSEMBLY							1
		(see Figure 6-48 for breakdown)							
6-44-5	1556042	BRACKET, Gripper							1
6-44-6	1556034	BRACKET, Valve							1
6-44-7	1556257	BRACKET, Weldment							1
6-44-8	1556018	ACTUATOR, Bracket							1
6-44-9	1556026	BRACKET, Valve Mounting							1
6-44-10	--	not used							
6-44-11	--	not used							
6-44-12	1556299	BRACKET, Valve Actuator							1
6-44-13	--	not used							
6-44-14	1504919	CYLINDER, Air							1
6-44-15	1455781	VALVE, Swivel Flow Control, 1/8npt							4
6-44-16	1564327	ACTUATOR ROTARY, 120° lift, unloader							1
6-44-17	1398288	ELBOW, Tubing, male, 1/4 x 1/8npt, qc							4
6-44-18	1407741	ELBOW, Tubing, male, swivel, 1/4t x 1/8npt							5
6-44-19	1142504	VALVE, 3-way							1
6-44-20	1517754	VALVE, 4-way, Push-button, 1/8npt							1
6-44-21	1438357	TEE, Tubing, male, run, 1/4t x 1/8npt							1
6-44-22	1504935	SCREW, Cap, hex hd, Z/P stl, #10-32 x 5/8"lg							2
6-44-23	C-80759	WASHER, Plain, Z/P stl, type A, #10							14
6-44-24	--	not used							
6-44-25	--	not used							
6-44-26	--	not used							
6-44-27	1085992	LOCKWASHER, Int tooth, Z/P stl, #10							28
6-44-28	C-61203	SCREW, Cap, hex hd, sst, #10-24 1/2"lg							6
6-44-29	1238518	SCREW, Cap, hex hd, grade 5, Z/P stl, 1/4-20 x 1"lg							1
6-44-30	1432020	BEARING, Rod End, male, 1/2-20"thd							1
6-44-31	C-30541	TEE, Pipe, Street, brass, 1/8npt							2
6-44-32	1408004	CONNECTOR, Tubing, male, 1/4t x 1/8npt, qc							2
6-44-33	1178391	WASHER, Plain, Z/P stl, type A, 1/2							2
6-44-34	C-61685	SCREW, Cap, hex hd, Z/P stl, #10-24 x 1"lg							9
6-44-35	1000736	NUT, hex, mach, Z/P stl, #10-24							1
6-44-36	1492693	HOSE, Air, single coil, polyurethane							1
6-44-37	1000769	NUT, hex, full, Z/P stl, 1/4							10
6-44-38	1519610	BEARING, Thrust, ball, 1/2"od x 31/32"od x 1/4"thk							1
6-44-39	1039858	PLUG, Pipe, hex skt hd, 1/8npt							1
6-44-40	A-50304	SCREW, Set, sq hd, stl, 1/4-20 x 1-3/4"lg							2
6-44-41	C-61260	SCREW, Mach, phil pan hd, Z/P stl, #8-32 x 7/8"lg							2
6-44-42	1085984	LOCKWASHER, Int tooth, Z/P stl, #8							2

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-44-43	1120211	SCREW, Mach, phil pan hd, Z/P stl, #10-24 x 1/4"lg							7
6-44-44	1564384	INSERT, Brass, .165 dia x 1/2"lg							2
6-44-45	1564483	SWITCH							1
6-44-46	C-56142	PLATE, Mounting bulk condit							5
6-44-47	1065671	NUT, hex, jam, Z.P stl, 1/2-20							2
6-44-48	1523612	MARKER, #0							3
6-44-49	1523620	MARKER, #1							17
6-44-50	1523638	MARKER, #2							3
6-44-51	1523646	MARKER, #3							3
6-44-52	1523653	MARKER, #4							4
6-44-53	1523703	MARKER, #9							4
6-44-54	A-55600	SCREW, Mach, phil pan hd, Z/P stl, #6-32 x 3/4"lg							4
6-44-55	C-43267	LOCKWASHER, Int tooth, Z/P stl, #6							4
6-44-56	C-80612	WASHER, Plain, Z/P stl, type A, #6							4

SHIRT-L1 DWG

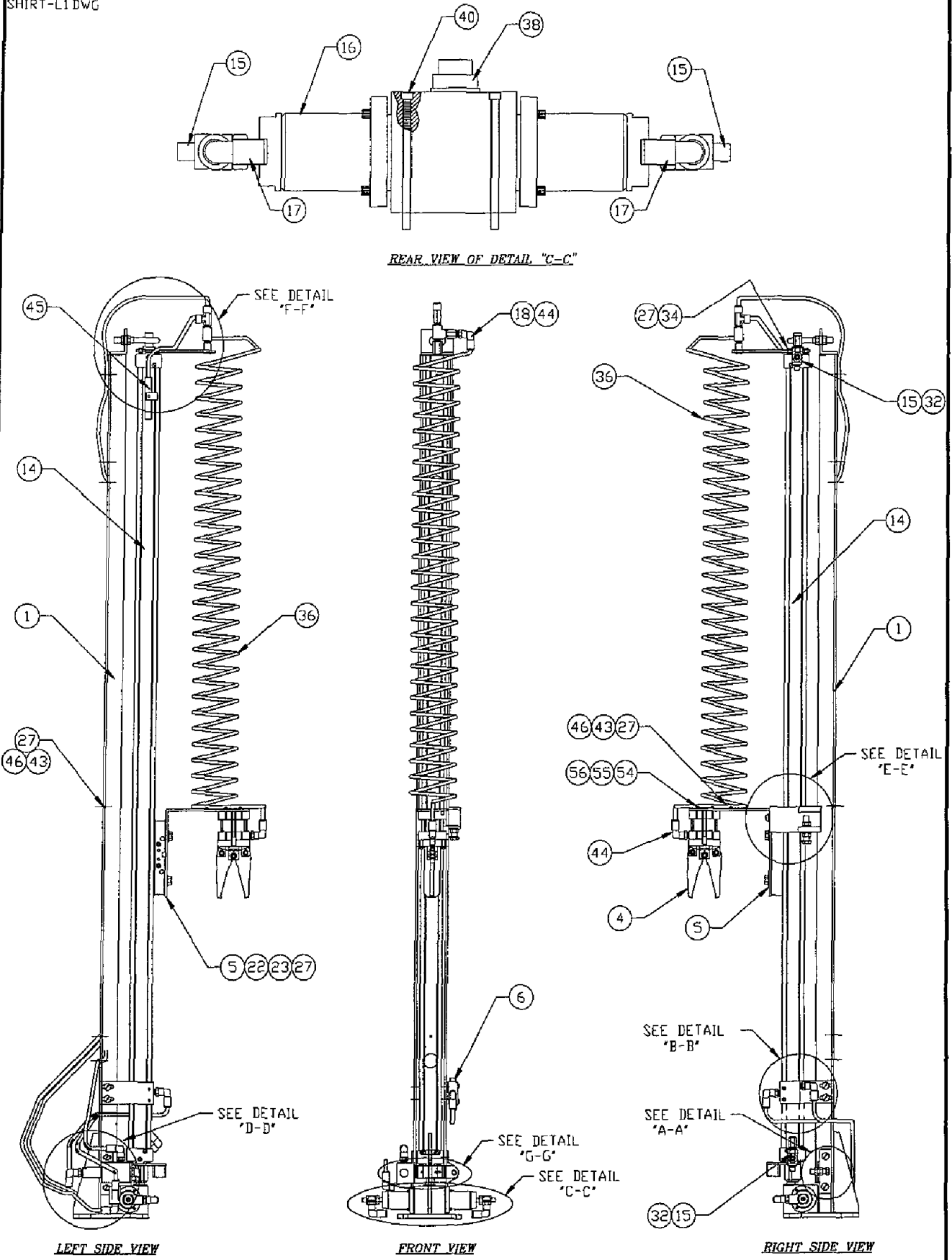
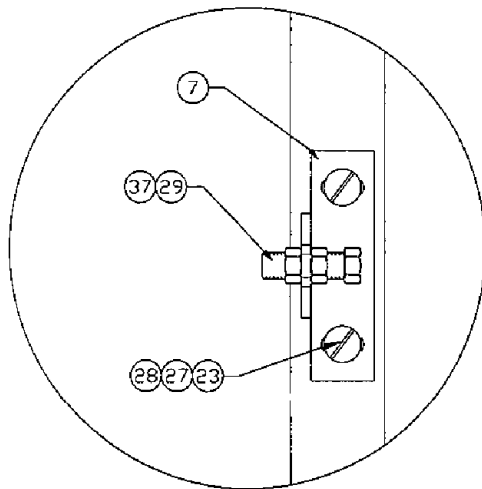
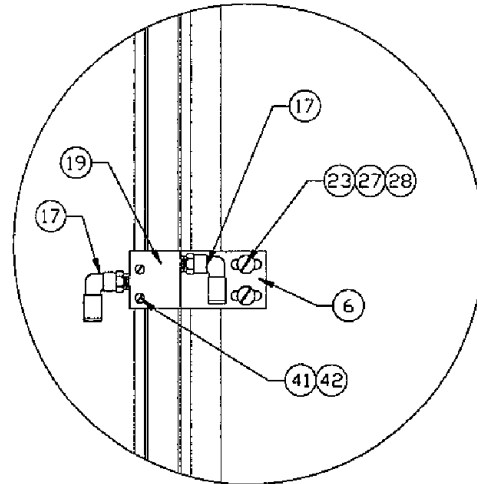


Figure 6-45. Shirt Take-Away, Left Hand Assembly (Sheet 1 of 2)

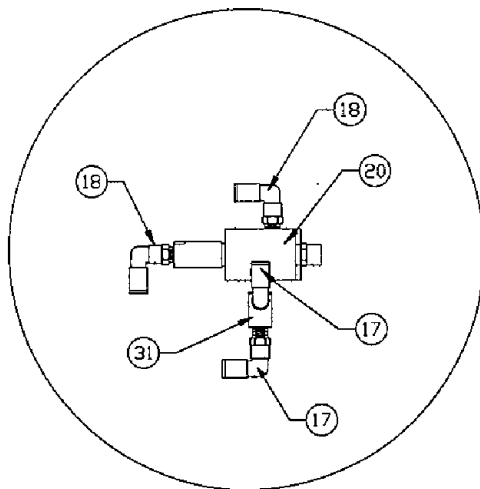
SHIRT-L2.DWG



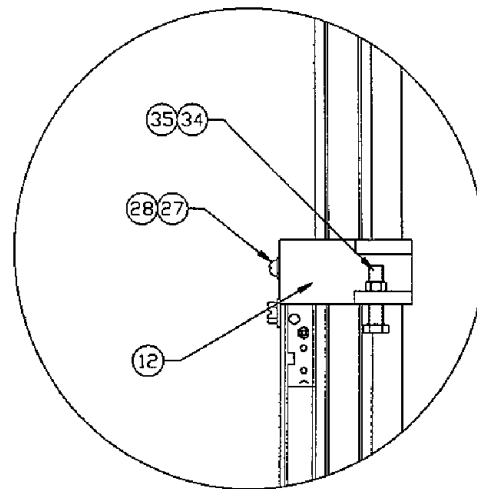
DETAIL "A-A"



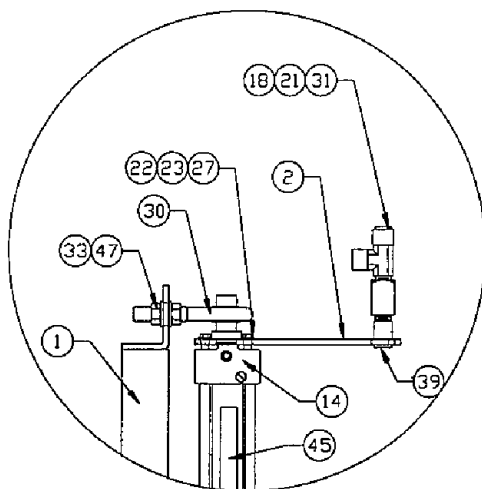
DETAIL "B-B"



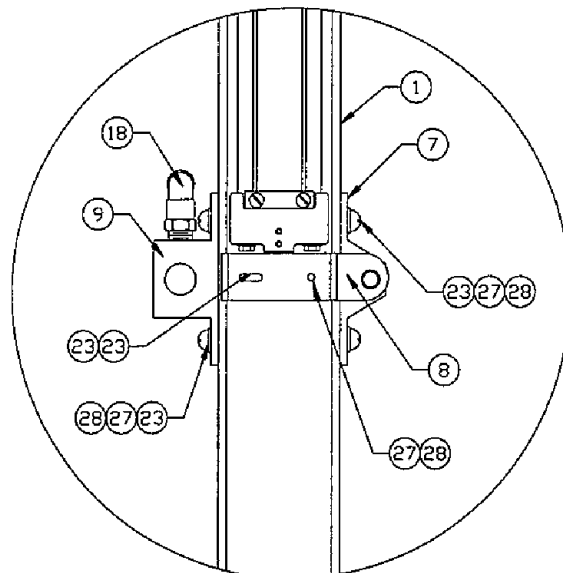
DETAIL "D-D"



DETAIL "E-E"



DETAIL "F-F"



DETAIL "G-G"

SHIRT-L2.DWG

Figure 6-45. Shirt Take-Away, Left Hand Assembly (Sheet 2 of 2)

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-45-	1557644	SHIRT TAKE-AWAY, Left Hand Assembly							ref
6-45-1	1576305	CHANNEL SUPPORT WELDMENT							1
6-45-2	1556059	AIR COUPLING WELDMENT							1
6-45-3	1556083	ROTARY ACTUATOR WELDMENT							1
6-45-4	1557594	GRIPPER ASSEMBLY							1
		(see Figure 6-48 for breakdown)							
6-45-5	1556042	BRACKET, Gripper							1
6-45-6	1556034	BRACKET, Valve							1
6-45-7	1556257	BRACKET, Weldment							1
6-45-8	1556018	ACTUATOR, Bracket							1
6-45-9	1556026	BRACKET, Valve Mounting							1
6-45-10	--	not used							
6-45-11	--	not used							
6-45-12	1556299	BRACKET, Valve Actuator							1
6-45-13	--	not used							
6-45-14	1504919	CYLINDER, Air							1
6-45-15	1455781	VALVE, Swivel Flow Control, 1/8npt							4
6-45-16	1564327	ACTUATOR ROTARY, 120° lift, unloader							1
6-45-17	1398288	ELBOW, Tubing, male, 1/4 x 1/8npt, qc							5
6-45-18	1407741	ELBOW, Tubing, male, swivel, 1/4t x 1/8npt							3
6-45-19	1142504	VALVE, 3-way							1
6-45-20	1517754	VALVE, 4-way, Push-button, 1/8npt							1
6-45-21	1438357	TEE, Tubing, male, run, 1/4t x 1/8npt							1
6-45-22	1504935	SCREW, Cap, hex hd, Z/P stl, #10-32 x 5/8"lg							10
6-45-23	C-80759	WASHER, Plain, Z/P stl, type A, #10							14
6-45-24	--	not used							
6-45-25	--	not used							
6-45-26	--	not used							
6-45-27	1085992	LOCKWASHER, Int tooth, Z/P stl, #10							28
6-45-28	C-61203	SCREW, Cap, hex hd, sst, #10-24 1/2"lg							4
6-45-29	1238518	SCREW, Cap, hex hd, grade 5, Z/P stl, 1/4-20 x 1"lg							1
6-45-30	1432020	BEARING, Rod End, male, 1/2-20"thd							1
6-45-31	C-30541	TEE, Pipe, Street, brass, 1/8npt							4
6-45-32	1408004	CONNECTOR, Tubing, male, 1/4t x 1/8npt, qc							2
6-45-33	1178391	WASHER, Plain, Z/P stl, type A, 1/2							2
6-45-34	C-61685	SCREW, Cap, hex hd, Z/P stl, #10-24 x 1"lg							9
6-45-35	1000736	NUT, hex, mach, Z/P stl, #10-24							1
6-45-36	1492693	HOSE, Air, single coil, polyurethane							1
6-45-37	1000769	NUT, hex, full, Z/P stl, 1/4							2
6-45-38	1519610	BEARING, Thrust, ball, 1/2" id x 31/32" od x 1/4" thk							1
6-45-39	1039858	PLUG, Pipe, hex skt hd, 1/8npt							2
6-45-40	A-50304	SCREW, Set, sq hd, stl, 1/4-20 x 1-3/4"lg							2
6-45-41	C-61260	SCREW, Mach, phil pan hd, Z/P stl, #8-32 x 7/8"lg							2
6-45-42	1085984	LOCKWASHER, Int tooth, Z/P stl, #8							2

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-45-43	1120211	SCREW, Mach, phil pan hd, Z/P stl, #10-24 x 1/4"lg							5
6-45-44	1564384	INSERT, Brass. .165 dia x 1/2"lg							2
6-45-45	1564483	SWITCH							1
6-45-46	C-56142	PLATE, Mounting bulk condit							5
6-45-47	1065671	NUT, hex, jam, Z.P stl, 1/2-20							2
6-45-48	1523612	MARKER, #0							3
6-45-49	1523620	MARKER, #1							17
6-45-50	1523638	MARKER, #2							3
6-45-51	1523646	MARKER, #3							3
6-45-52	1523653	MARKER, #4							4
6-45-53	1523703	MARKER, #9							4
6-45-54	A-55600	SCREW, Mach, phil pan hd, Z/P stl, #6-32 x 3/4"lg							4
6-45-55	C-43267	LOCKWASHER, Int tooth, Z/P stl, #6							4
6-45-56	C-80612	WASHER, Plain, Z/P stl. type A, #6							4

PRODUCT CODE 356

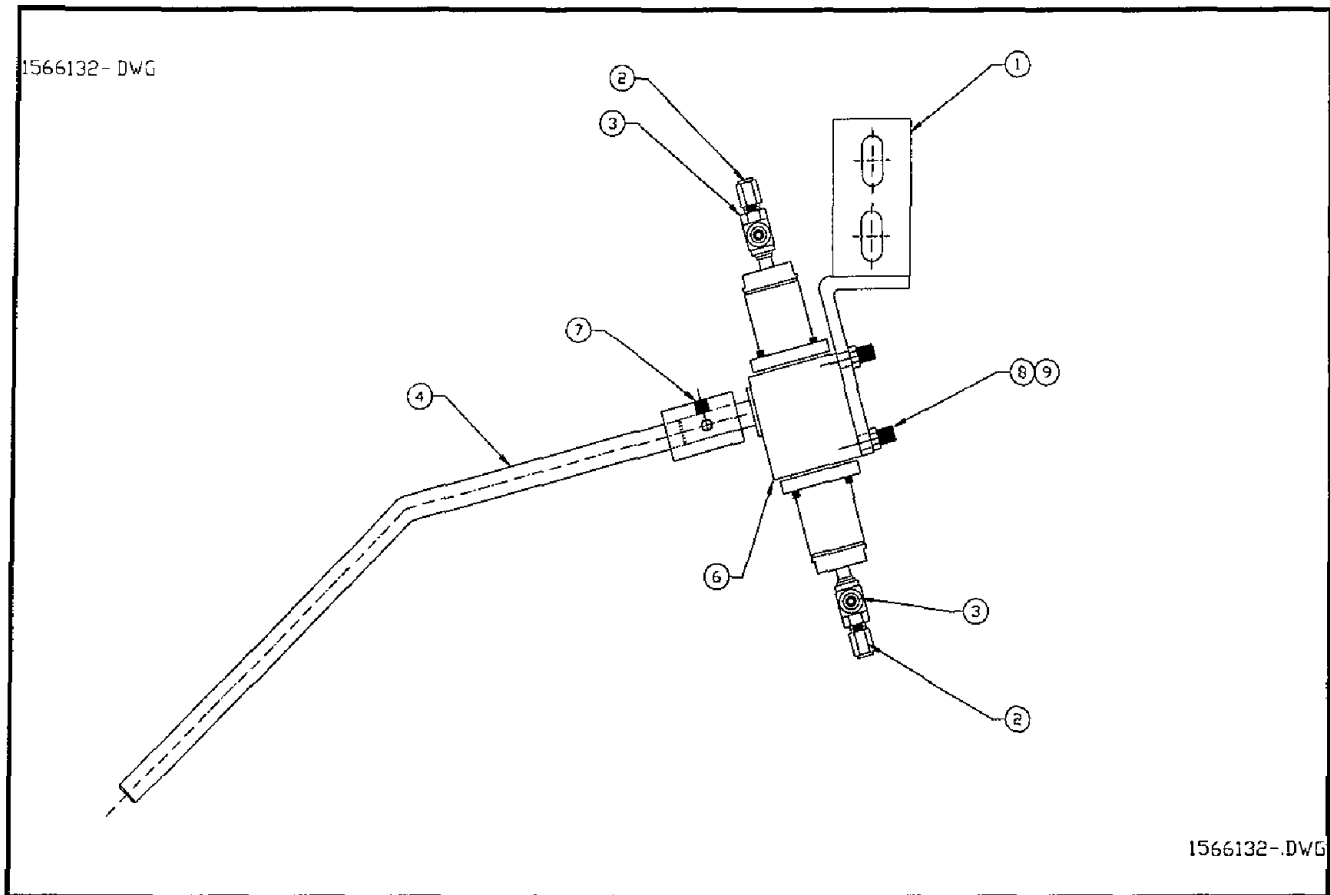
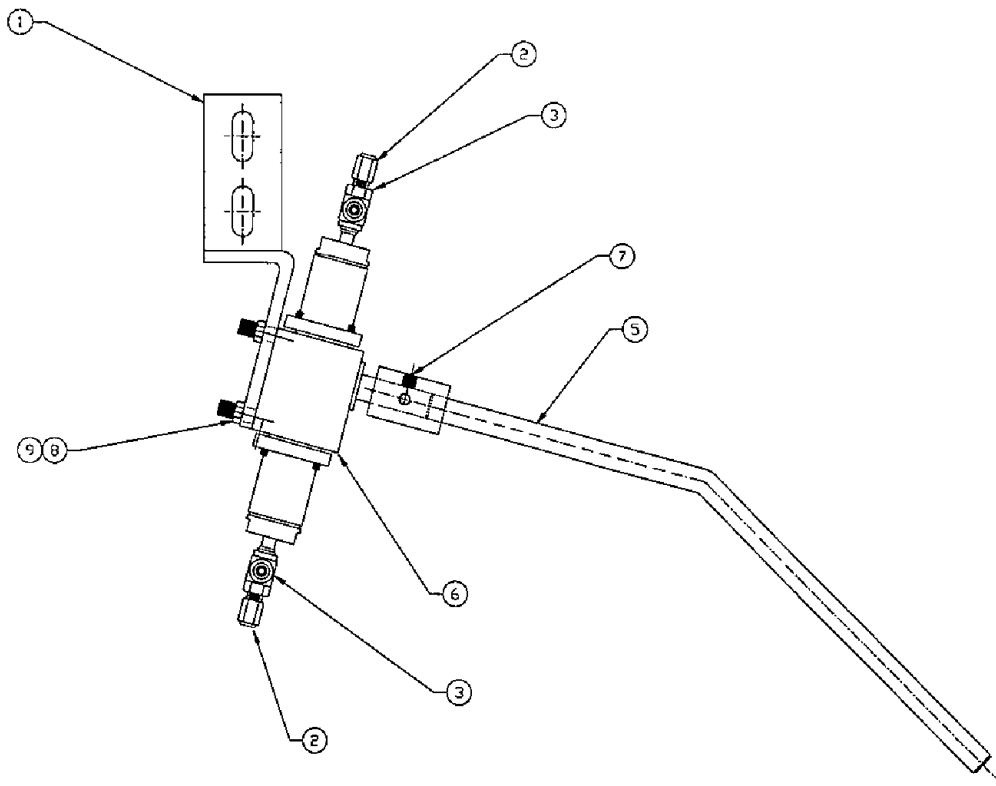


Figure 6-46. Mendline Assembly Option, Fits Right Hand Unloading

ITEM NO.	PART NO.	DESCRIPTION	UNITS PER ASSY.
		1 2 3 4 5 6 7	
6-46-	1566132	MENDLINE ASSY OPTION, Fits Right Hand Unloading (see Figure 6-42)	ref
6-46-1	1566124	BRACKET, Mendline , Left Hand	1
6-46-2	1408004	CONNECTOR, Tubing, male, 1/4t x 1/8npt, qc	2
6-46-3	1455781	VALVE, Flow Control, Swivel, 1/8npt	2
6-46-4	1578970	SLIDE ROD WELDMENT	1
6-46-5	--	not used	
6-46-6	1441195	ACTUATOR, Rotary	1
6-46-7	C-61149	SCREW, Set, hex skt hd, stl, #10-24 x 3/16"lg	2
6-46-8	1482314	SCREW, Cap, hex skt hd, stl, #10-24 x 2"lg	2
6-46-9	1000736	NUT, hex, mach, Z/P stl, #10-24	2

PRODUCT CODE 356

1566116-.DWG



1566116-.DWG

Figure 6-47. Mendline Assembly Option, Fits Left Hand Unloading

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-47-	1566116	MENDLINE ASSY OPTION, Fits Left Hand Unloading (see Figure 6-43)							ref
6-47-1	1564400	BRACKET, Mendline , Right Hand							1
6-47-2	1408004	CONNECTOR, Tubing, male, 1/4t x 1/8npt, qc							2
6-47-3	1455781	VALVE, Flow Control, Swivel, 1/8npt							2
6-47-4	--	not used							
6-47-5	1578970	SLIDE ROD WELDMENT							1
6-47-6	1441195	ACTUATOR, Rotary							1
6-47-7	C-61149	SCREW, Set, hex skt hd, stl, #10-24 x 3/16"lg							2
6-47-8	1482314	SCREW, Cap, hex skt hd, stl, #10-24 x 2"lg							2
6-47-9	1000736	NUT, hex, mach, Z/P stl, #10-24							2

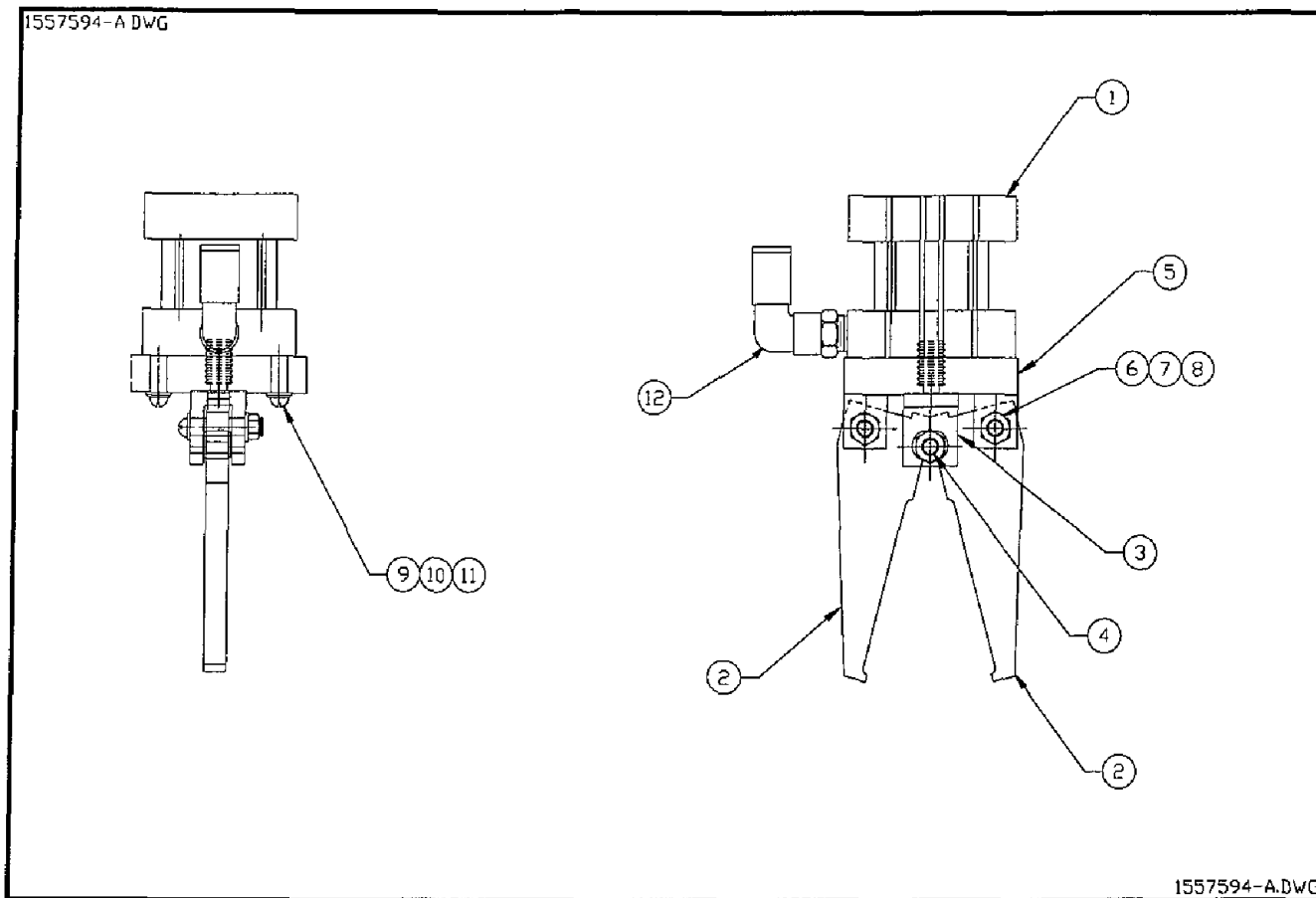


Figure 6-48. Gripper Assembly

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-48-	1557594	GRIPPER ASSEMBLY							ref
6-48-1	1560721	CYLINDER, Single Acting, 1-1/16 bore x 3/8 stroke, 5/16-24 female							1
6-48-2	1557636	FINGER							2
6-48-3	1557602	CLEVIS							1
6-48-4	1557610	SPACER							1
6-48-5	1557628	GRABBER UPDATE							1
6-48-6	1560739	SCREW, Shoulder, sst, 3/16"dia x 5/8"lg, #8-32 thd							3
6-48-7	1209113	NUT, hex. mach, Z/P stl, #8-32							3
6-48-8	1085984	LOCKWASHER, Int tooth, Z/P stl, #8							3
6-48-9	A-55600	SCREW, Mach, phil pan hd, Z/P stl, #6-32 x 3/4"lg							8
6-48-10	C-43267	LOCKWASHER, Int tooth, Z/P stl, #6							8
6-48-11	C-80612	WASHER, Plain, Z/P stl, type A, #6							8
6-48-12	1407741	ELBOW, Tubing, male, swivel, 1/4t x 1/8npt, qc							1

This Page Intentionally Left Blank.

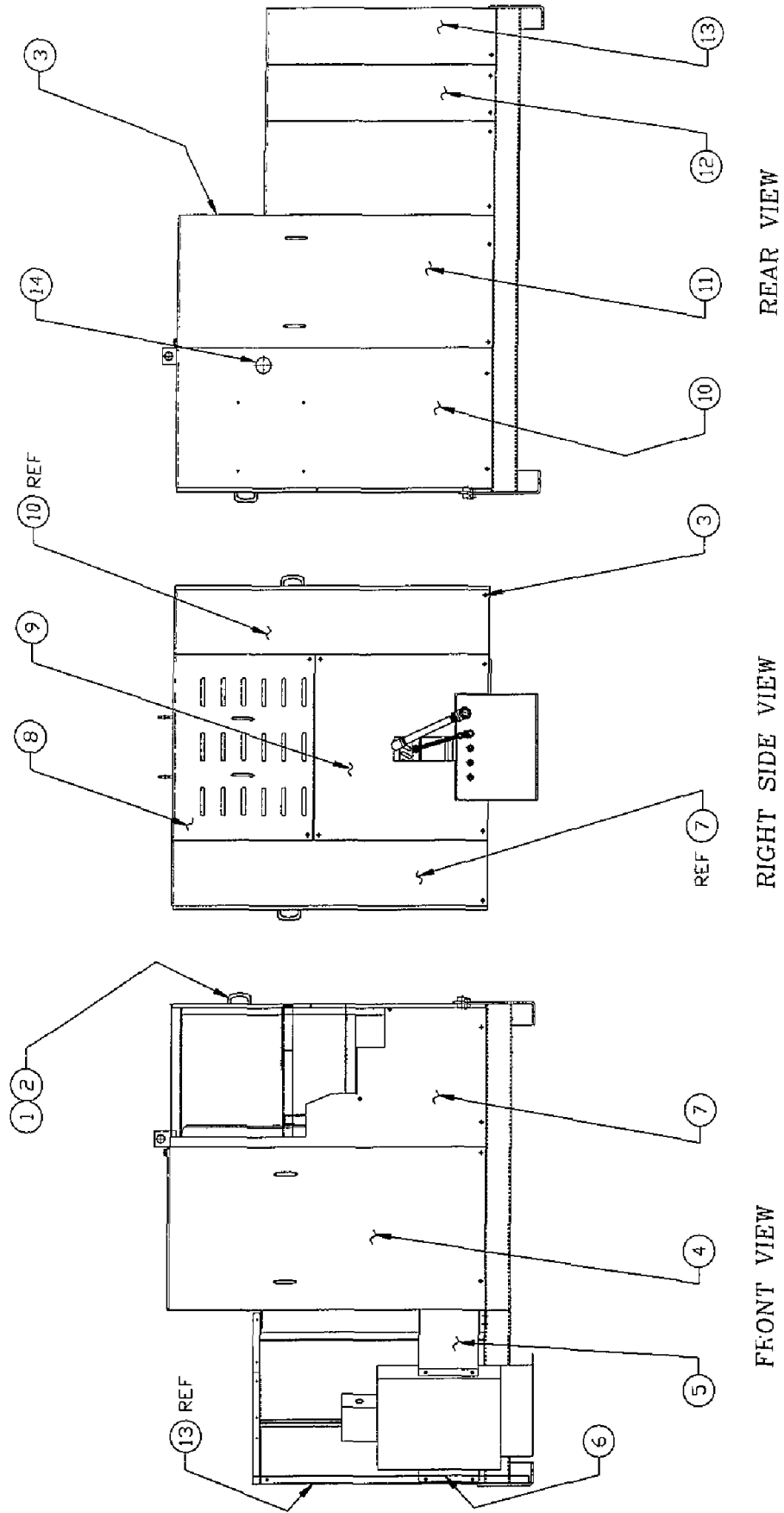
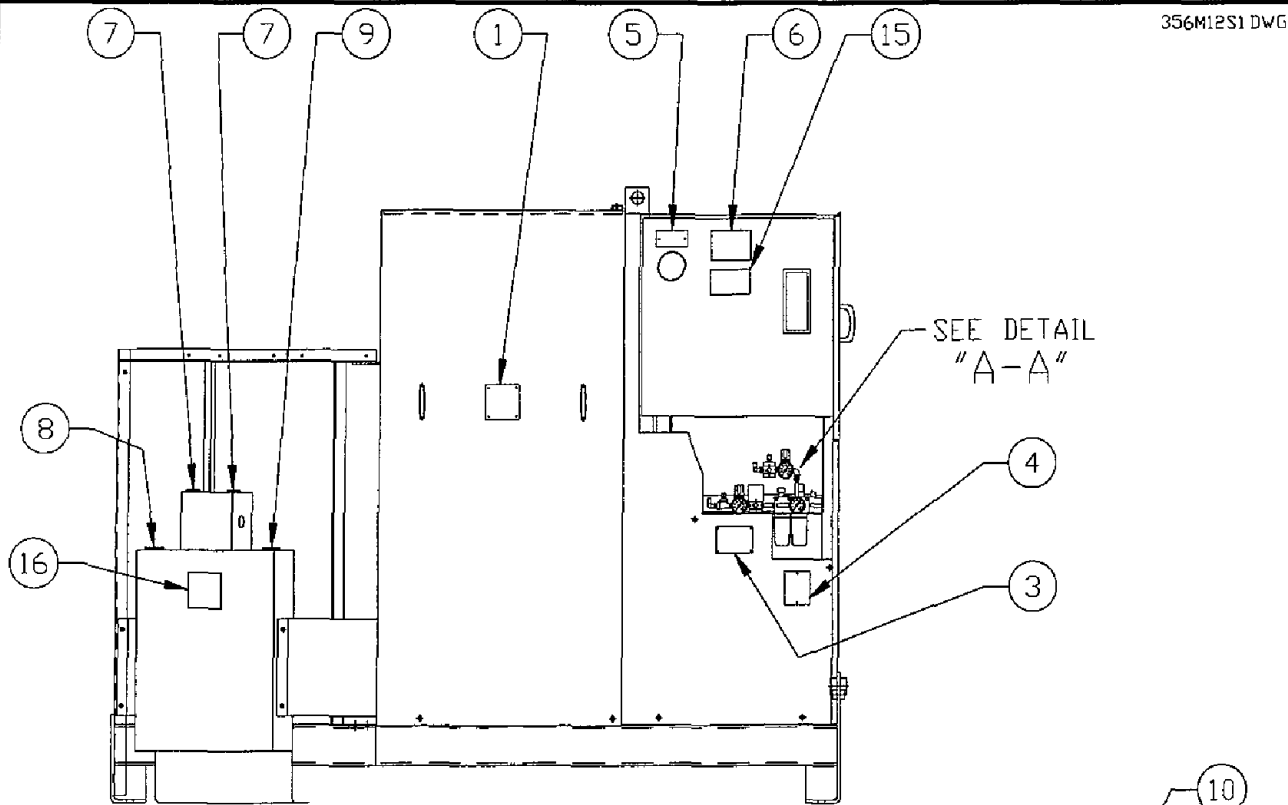


Figure 6-49. Covers

PRODUCT CODE 356

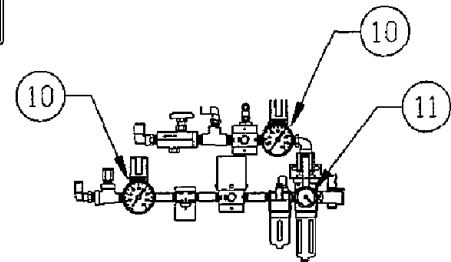
ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-49--	ref	COVERS							ref
6-49-1	1030329	HANDLE, Pull							6
6-49-2	1185107	SCREW, #10-20 x 1/2"lg							12
6-49-3	1111095	SCREW, Mach, phil truss hd, 1/4-20 x 1/2"lg							31
6-49-4	1557966	COVER, Front Center							1
6-49-5	1548395	COVER, Right Station							1
6-49-6	1559350	COVER, Left Station							1
6-49-7	1557982	COVER, Front Right							1
6-49-8	1557933	COVER, Right Top							1
6-49-9	1557941	COVER, Right Bottom							1
6-49-10	1557990	COVER, Rear Right							1
6-49-11	1557974	COVER, Rear Center							1
6-49-12	1557958	COVER, Rear							1
6-49-13	1557925	COVER, Left							1
6-49-14	TT-140-3	DOOR SEAL							9.5 ft.



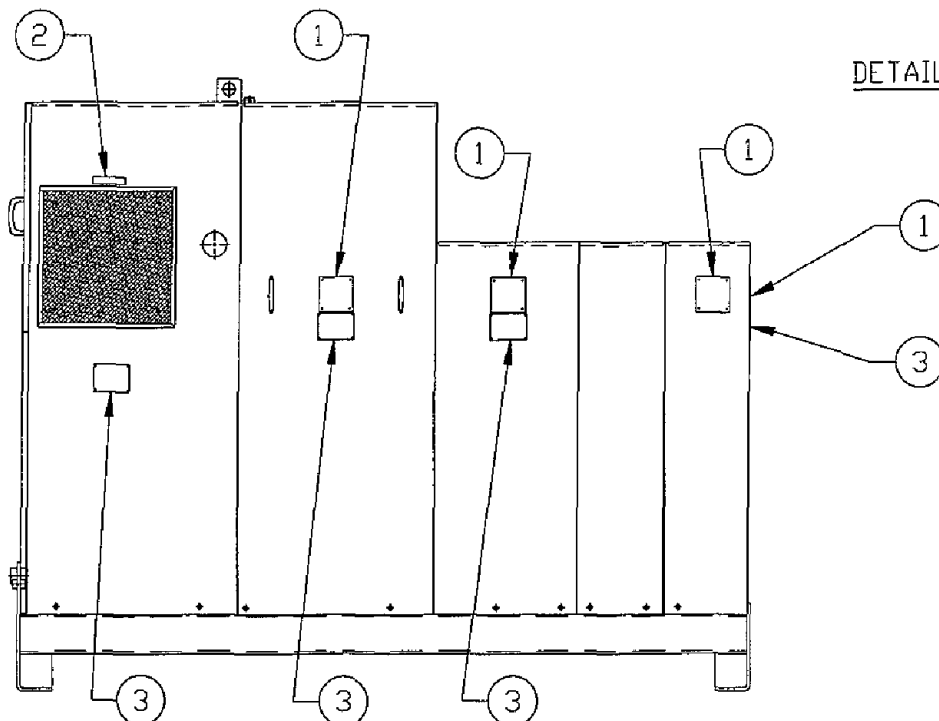
FRONT VIEW

NOTE:

PLACE ITEM #2 AT SECOND
AIR FILTER BOX (NOT SHOWN)



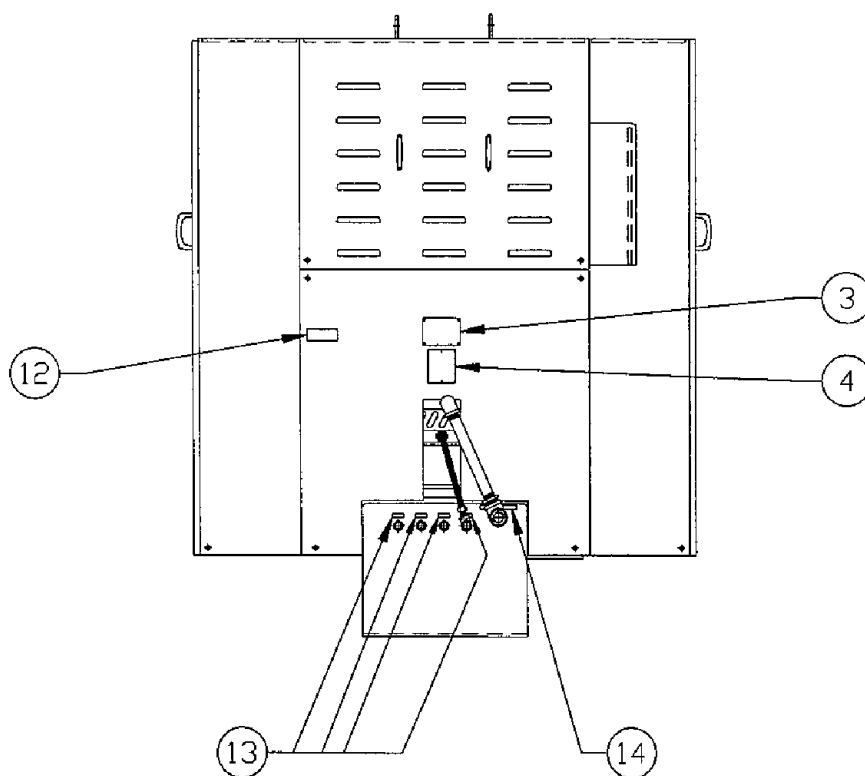
DETAIL "A-A"



REAR VIEW

PRODUCT CODE 356

356M12S2.DWG



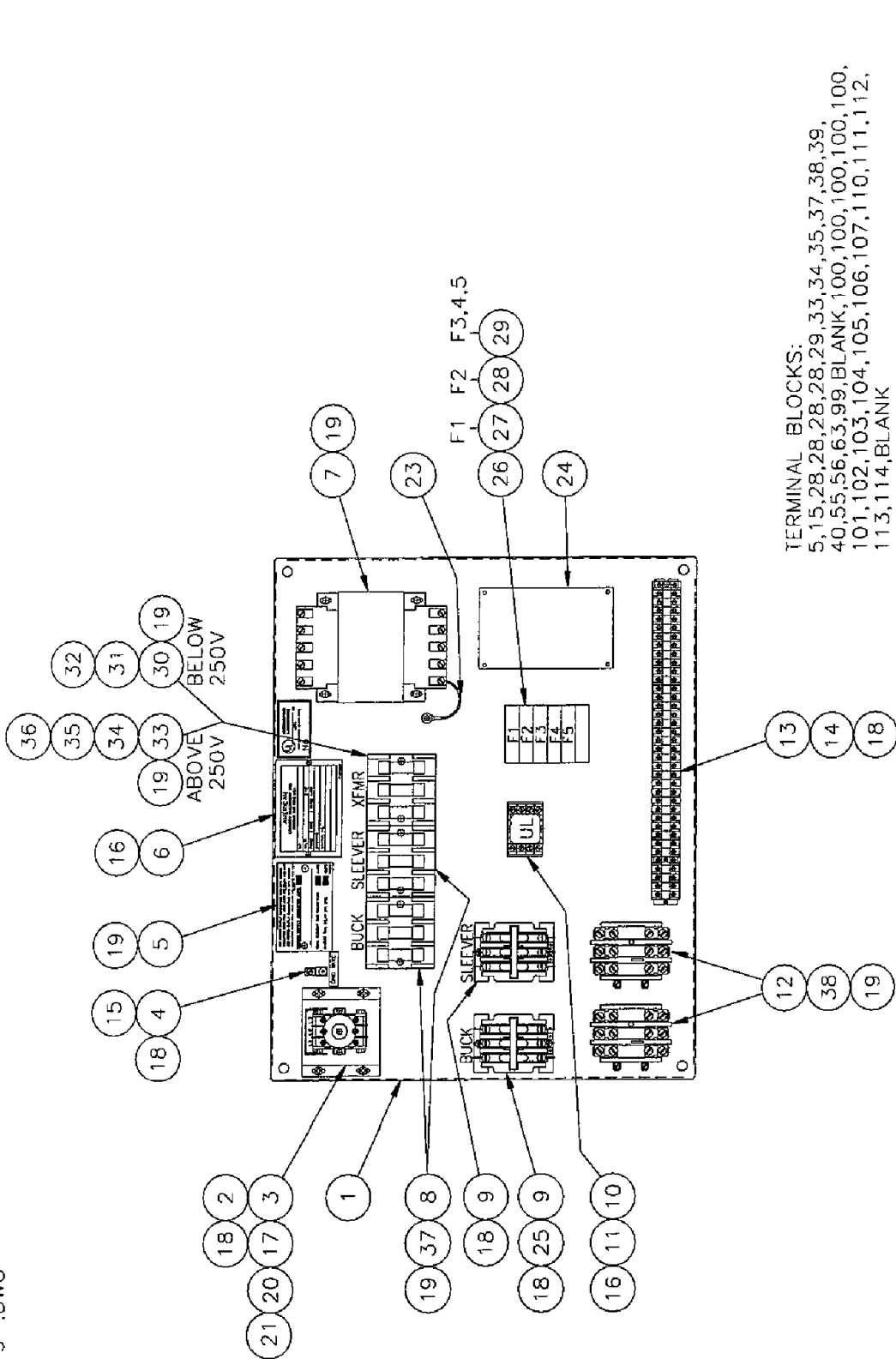
RIGHT VIEW

356M12S2.DWG

Figure 6-50. Labels (Sheet 2 of 2)

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-50--	ref	LABELS							ref
6-50-1	1184712	NAMEPLATE, Warning, Guards							5
6-50-2	1401785	NAMEPLATE, Clean Filter Daily							2
6-50-3	1162718	NAMEPLATE, Warning, Guards in place							6
6-50-4	1401660	NAMEPLATE, Warning: "Shut Off Air, Steam...when Servicing".							2
6-50-5	1145689	NAMEPLATE, Danger: "Always Disconnect Power...Lockout/Tagout"							1
6-50-6	1134089	NAMEPLATE, Electric, Serial/Rating							1
6-50-7	1372069	DECAL, "Cycle Start"							2
6-50-8	A-19055	LABEL, "Start"							1
6-50-9	A-19054	DECAL, "Stop"							1
6-50-10	1267434	LABEL, Set at 60 psi							2
6-50-11	1326156	LABEL, "Air Pressure 80-100 psi"							1
6-50-12	A-17842	LABEL, "Air Inlet"							1
6-50-13	A-17840	LABEL, "Steam Return"							4
6-50-14	A-17841	LABEL, "Steam Inlet"							1
6-50-15	1312545	NAMEPLATE							1
6-50-16	1312545	NAMEPLATE							1

356M-9-DWG



TERMINAL BLOCKS:
5,15,28,28,28,29,33,34,35,37,38,39,
40,55,56,63,99,BLANK,100,100,100,100,100,
101,102,103,104,105,106,107,110,111,112,
113,114,BLANK

SERVICE	H.P.	BUCK BLOWER		SLEEVER BLOWER		RATED AMPS	WIRE	DIAGRAM	CONTROL	MINIMUM SUPPLY COND. AMPS	DUAL ELEMENT TIME DELAY FUSES	INVERSE TIME DELAY CIR. BKR.
		HEATER COILS	FUSES	HEATER COILS	FUSES							
208-3-60	4.6+3.0	V-198-57, E-57	C-31681, 25A	V-198-53, E-53	C-31612, 15A	23.2 FLA	3+GRD	356S-1	1569201	29 A	45	60
230-3-60	4.6+3.0	V-198-57, E-57	C-31681, 25A	V-198-52, E-52	C-31612, 15A	22.7 FLA	3+GRD	356S-1	1569219	28.4 A	45	60
460-3-60	4.6+3.0	V-198-51, E-51	C-31569, 15A	V-198-42, L-42	C-31619, 8A	11.4 FLA	3+GRD	356S-1	1569227	14.3 A	20	30
575-3-60	4.6+3.0	V-198-54, E-54	C-31576, 20A	N/A	N/A	N/A	3+GRD	356S-1	1569235	N/A	N/A	N/A
220-3-60	4.0+3.0	V-198-60, E-60	123050, 30A	N/A	N/A	N/A	3+GRD	356S-1	1569243	N/A	N/A	N/A
380-3-60	4.0+3.0	V-198-50, E-50	C-31569, 15A	N/A	N/A	N/A	3+GRD	356S-1	1569250	N/A	N/A	N/A
415-3-60	4.0+3.0	V-198-51, E-51	C-31569, 15A	N/A	N/A	N/A	3+GRD	356S-1	1569268	N/A	N/A	N/A

Figure 6-51. Control Panel Assembly

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-51--	ref	CONTROL PANEL ASSEMBLY							ref
6-51-1	1555572	CONTROL PANEL							1
6-51-2	1408186	BRACKET, Disconnect switch mounting							1
6-51-3	1408715	DISCONNECT SWITCH, 30A							1
6-51-4	1189125	TERMINAL LUG							1
6-51-5	1312545	NAME PLATE, Supply wire, fuse, CB							1
6-51-6	1134089	NAME PLATE, Electric, Serial/Rating							1
6-51-7	1333483	TRANSFORMER, 250VA							1
6-51-8	1234616	FUSEBLOCK, 3P, 250V, 30A							2
6-51-9	C-57855	CONTACTOR, 30A							2
6-51-10	C-67530	SOCKET, 11 Pin							1
6-51-11	1042043	RELAY, 3 pole, 120vac							1
6-51-12	T-126-39	OVERLOAD RELAY							2
6-51-13	1081793	TERMINAL BLOCKS							37
6-51-14	1085943	END SECTION, Terminal Block							1
6-51-15	10-607	LABEL, "Ground Wire"							1
6-51-16	1378603	SCREW, #6 x 3/8"							4
6-51-17	A-55600	SCREW, #6-32 X 3/4" MALE, right hand thd							2
6-51-18	C-64014	SCREW, #8 x 3/8"							14
6-51-19	1063619	SCREW, #10 x 3/8"							17
6-51-20	1205129	LOCKWASHER, Spring, #6							2
6-51-21	C-48126	NUT, Hex, Z/P stl, #6 -32							2
6-51-22	1492446	DIN RAIL							6"
6-51-23	1305507	WIRE, Green, 14 GA.							6"
6-51-24	1560010	CONTROLLER, Programmable							1
6-51-25	C-25008	AUX. CONTACTS, N.O.							1
6-51-26	1530351	FUSIBLE TERMINAL BLOCK							1
6-51-27	E-66017	FUSE, 2 AMP, AGC							1
6-51-28	1567833	FUSE, 4 AMP, AGC							1
6-51-29	1567841	FUSE, 8 AMP, AGC							3
		<u>BELOW 250V</u>							
6-51-30	1234616	FUSEBLOCK, 3P, 250V, 30A							1
6-51-31	C-31602	FUSE, #FRNR-5 (Primary)							2
6-51-32	1406719	FUSE, #FRNR-2.5 (Secondary)							1
		<u>ABOVE 250V</u>							
6-51-33	1401884	FUSEBLOCK, 2P, 600V, 30A							1
6-51-34	1081710	FUSEBLOCK, 1P, 250V, 30A							1
6-51-35	1402163	FUSE, #FRQ-R2 (Primary)							2
6-51-36	1406719	FUSE, #FRNR-2.5 (Secondary)							1
6-51-37		FUSES (See Chart in Figure 51)							6
6-51-38		HEATER COILS (See Chart in Figure 51)							6

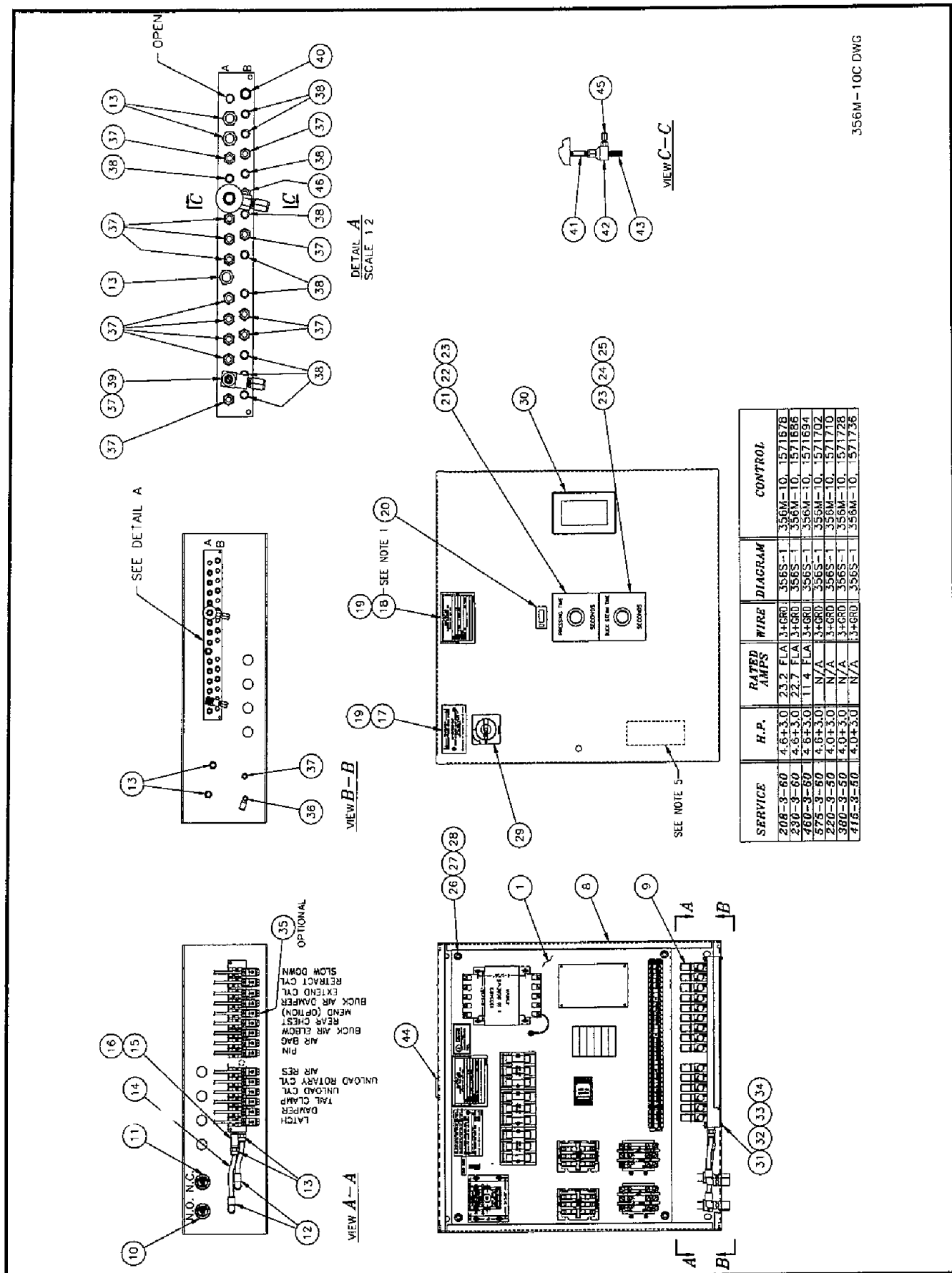


Figure 6-52. Control Assembly

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-52--	ref	CONTROL ASSEMBLY, U.L. (Specify whether:)							ref
	1569201	280v-3p-60hz							1
	1569219	230v-3p-60hz							1
	1569227	460v-3p-60hz							1
	1569235	575v-3p-60hz							1
	1569243	220v-3p-50hz							1
	1569250	380v-3p-50hz							1
	1569268	415v-3p-50hz							1
6-52-8	1556851	ENCLOSURE WELDMENT							1
6-52-9	1560168	MANIFOLD ASSEMBLY, 15 ST, 110V							2
6-52-10	1364181	PRESSURE SWITCH, N.O.							1
6-52-11	1355809	PRESSURE SWITCH, N.C.							1
6-52-12	1517358	ELBOW, Poly-flow, 3/8t x 1/8npt							2
6-52-13	1491620	CONNECTOR, Poly-flow, 3/8t x 1/8npt							7
6-52-14	1109966	TUBING, Poly-flow							8"
6-52-15	1018571	COUPLING, Pipe, 1/8npt							1
6-52-16	1232313	NIPPLE, Close, 1/8npt							1
6-52-17	1145689	NAMEPLATE, Disconnect Power							1
6-52-18	1134089	NAMEPLATE, Data							1
6-52-19	A-53558	RIVET, Blind pop, 1/8							4
6-52-20	1408764	COUNTER, Self powered							1
6-52-21	1357466	TIMER ASSEMBLY, 25 seconds							1
6-52-22	1441252	NAMEPLATE, Pressure Time							1
6-52-23	E-66023	KNOB							2
6-52-24	1447861	TIMER ASSEMBLY, 11 seconds							1
6-52-25	1447879	NAMEPLATE, Buck Steam							1
6-52-26	1000793	NUT, Hex, Z/P stl, 5/16-18							8
6-52-27	1001270	WASHER, Plain, Z/P stl, 5/16							4
6-52-28	C-43212	LOCKWASHER, Z/P stl, 5/16							4
6-52-29	1411875	HANDLE, Disconnect Switch							1
6-52-30	1464502	WINDOW, Polycarb, 2"x 4"							1
6-52-31	1569532	SCREW, #8-32 x 1-1/2"lg.							2
6-52-32	1241447	WASHER, Plain, #8							2
6-52-33	1120195	LOCKWASHER, #8							2
6-52-34	1209113	NUT, Hex, #8-32							2
6-52-35	1567858	VALVE, 4-way, MAC							1
6-52-36	1438357	TEE, Run, 1/4t x 1/8npt							1
6-52-37	1408004	CONNECTOR, 1/4t x 1/8npt							14
6-52-38	1039858	PLUG, Pipe, 1/8npt							10
6-52-39	1455781	VALVE, Flow-control, 1/8npt							1
6-52-40	1392158	ORIFICE, 1/8npt							1
6-52-41	1026111	NIPPLE, 1/8npt x 2"npt							1
6-52-42	A-56925	VALVE, Q.E.							1
6-52-43	A-53584	MUFFLER, 1/4npt							1
6-52-44	C-56082	PLUG, 1/2" hole							1
6-52-45	C-30551	CONNECTOR, 3/8t x 1/8npt, pf							1
6-52-46	1012392	ELBOW, 3/8t x 1/8p, pf							1

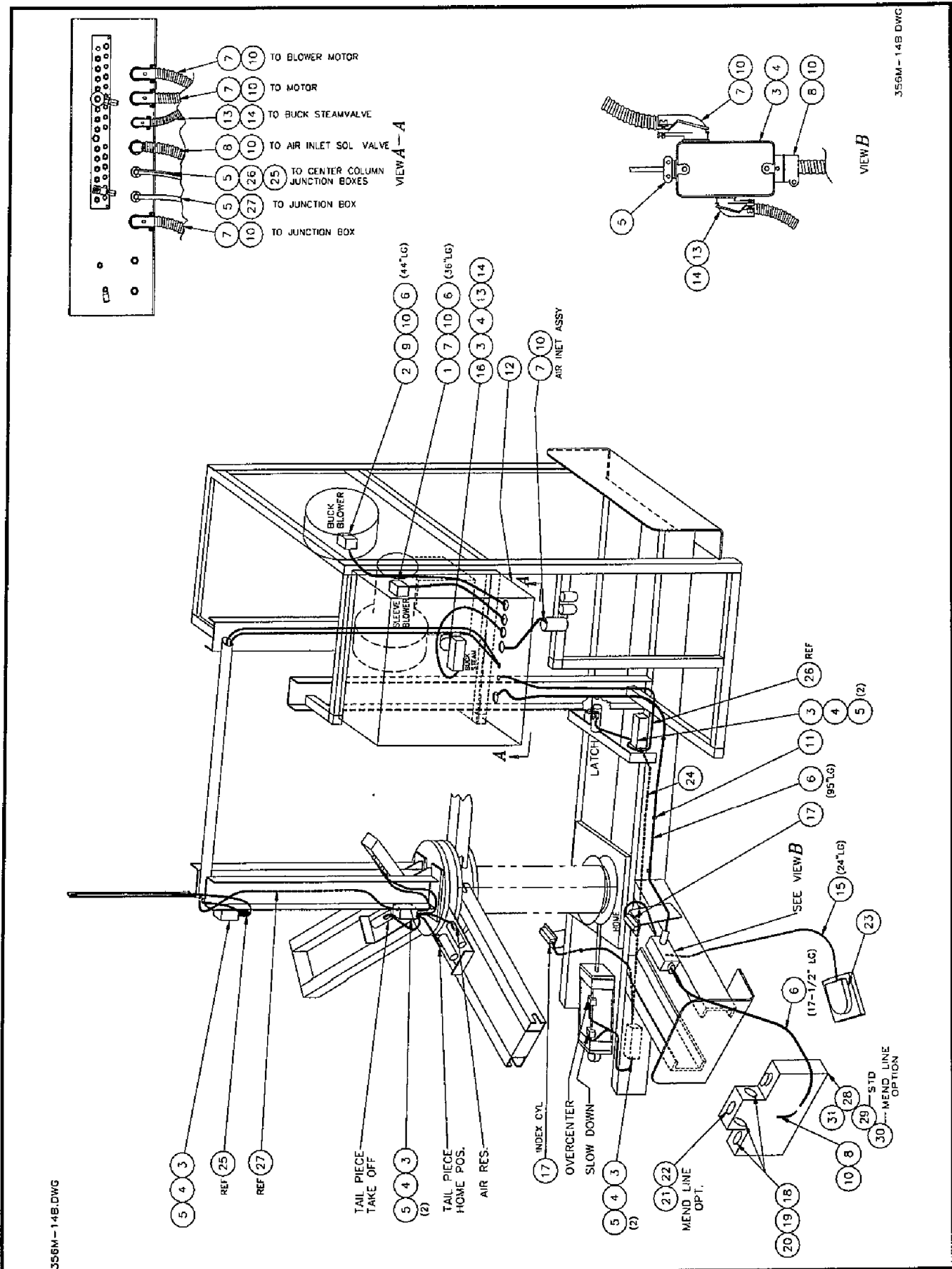


Figure 6-53. Machine Electrical Parts & Conduit

PRODUCT CODE 356

ITEM NO.	PART NO.	DESCRIPTION							UNITS PER ASSY.
		1	2	3	4	5	6	7	
6-53--	ref	MACHINE ELECTRICAL PARTS & CONDUIT							ref
6-53-1	1583889	BLOWER, Sleeve, 208-230/460v-3ph-60hz							1
6-53-2		BLOWER, Buck (Specify whether:)							1
	1567775	200v-3ph-50hz							
	1567734	208/460v-3ph-50/60hz							
	1567767	575v-3ph-60hz							
6-53-3	1232958	JUNCTION BOX, 4 x 2-1/8							5
6-53-4	1075621	COVER, Junction Box							5
6-53-5	1043108	CONNECTOR, Cable, 2-SCR squeeze							10
6-53-6	1108497	CONDUIT, 1/2"flex							17ft.
6-53-7	1086115	FITTING, 1/2" x 90°							7
6-53-8	C-22893	FITTING, 1/2" x straight ,flex							3
6-53-9	C-22817	FITTING, 1/2" x 45°, flex							1
6-53-10	1232990	INSULINER, 1/2"							11
6-53-11	1162478	PIPE CLAMP							4
6-53-12	ref	CONTROL ASSEMBLY (see Figure 6-52 for breakdown)							ref
6-53-13	1086065	FITTING, 3/8" x 90°							3
6-53-14	C-67063	INSULINER, 3/8"							3
6-53-15	M-92602	CONDUIT, 3/8" x flex							2ft.
6-53-16	GD-145-16	VALVE, Solenoid, 2-way							1
6-53-17	1445618	PROX. SWITCH							2
6-53-18	1538958	PUSH BUTTON ASSEMBLY, Gray							3
6-53-19	1591304	HOUSING, Gray, Mach.							3
6-53-20	A-17705	RING, Locking							3
6-53-21	A-52478	PUSH BUTTON ASSEMBLY, Black, Mend option							1
6-53-22	1233659	SCREW, #6-32 x 1/4"lg., Mend option							2
6-53-23	A-52460	FOOT SWITCH							1
6-53-24	1322882	CABLE, 6 conductor							6ft.
6-53-25	1277896	CABLE, 2 conductor, shielded							10ft.
6-53-26	1331883	CABLE, 7 conductor							5ft.
6-53-27	1289834	CABLE, 10 conductor							13ft.
6-53-28	1404821	SWITCHES & FRAME ASSEMBLY							1
6-53-29	1403088	COVER WELDMENT, Standard							1
6-53-30	1441088	COVER WELDMENT, Mend option							1
6-53-31	1403062	COVER, Rear							1

adj.....adjustable
 amp.....ampere
 A/R.....as required
 assy.....assembly
 aux.....auxiliary
 bi.....black iron
 blk.....black
 brs.....brass
 brz.....bronze
 C.....Centigrade
 comp.....compression
 cpvc.....chlorinated polyvinyl chloride
 D.C.....direct current
 deg.....degree
 dia.....diameter
 dpst.....double pole single throw
 dpdt.....double pole double throw
 dVm.....digital volt meter
 exh.....exhaust
 ext.....external
 F.....fahrenheit
 flex.....flexible
 fl hd.....flat head
 ft.....feet
 ga.....gauge
 galv.....galvanized
 gnd.....ground
 grv.....groove
 hd.....head
 hdls.....headless
 Hex.....hexagon
 hp.....horsepower
 Hz.....hertz
 id.....inside diameter
 int.....internal
 kPa.....kilo-pascals
 lb.....pound
 LED.....light emitting diode
 lg.....long
 lh.....left hand
 mach.....machine
 mfrs.....manufacturers
 mi.....malleable iron
 mtg.....mounting
 N/A.....not applicable
 N.C.....normally closed
 N.O.....normally open
 No.....number

NPT.....National pipe taper thread
 NPT-m.....National pipe taper - male
 NPT-f.....National pipe taper - female
 N/S.....Not shown in illustration
 od.....outside diameter
 p.....pipe
 pd.....pitch diameter
 ph.....phase
 pld.....plated
 p/n.....part number
 pot.....potentiometer
 pri.....primary
 psi.....pounds per square inch
 pt.....point
 rnd.....round
 rnd hd.....round head
 ref.....reference
 rh.....right hand
 RPM.....revolutions per minute
 sch.....schedule
 skt hd.....socket head
 sec.....secondary
 shkprf.....shakeproof
 shld.....shoulder
 skt.....socket
 spdt.....single pole double throw
 specs.....specifications
 sq hd.....square head
 sst.....stainless steel
 std.....standard
 stl.....steel
 T.....tube
 tbe.....threaded both ends
 temp.....temperature
 thd.....thread
 thk.....thick
 toe.....threaded one end
 tr hd.....truss head
 V.....volt
 VA.....volt ampere
 VAC.....volts alternating current
 VDC.....volts direct current
 w.....watt
 w/.....with
 wht.....white
 w/o.....without
 °.....degree
 ".....inch
 #.....number