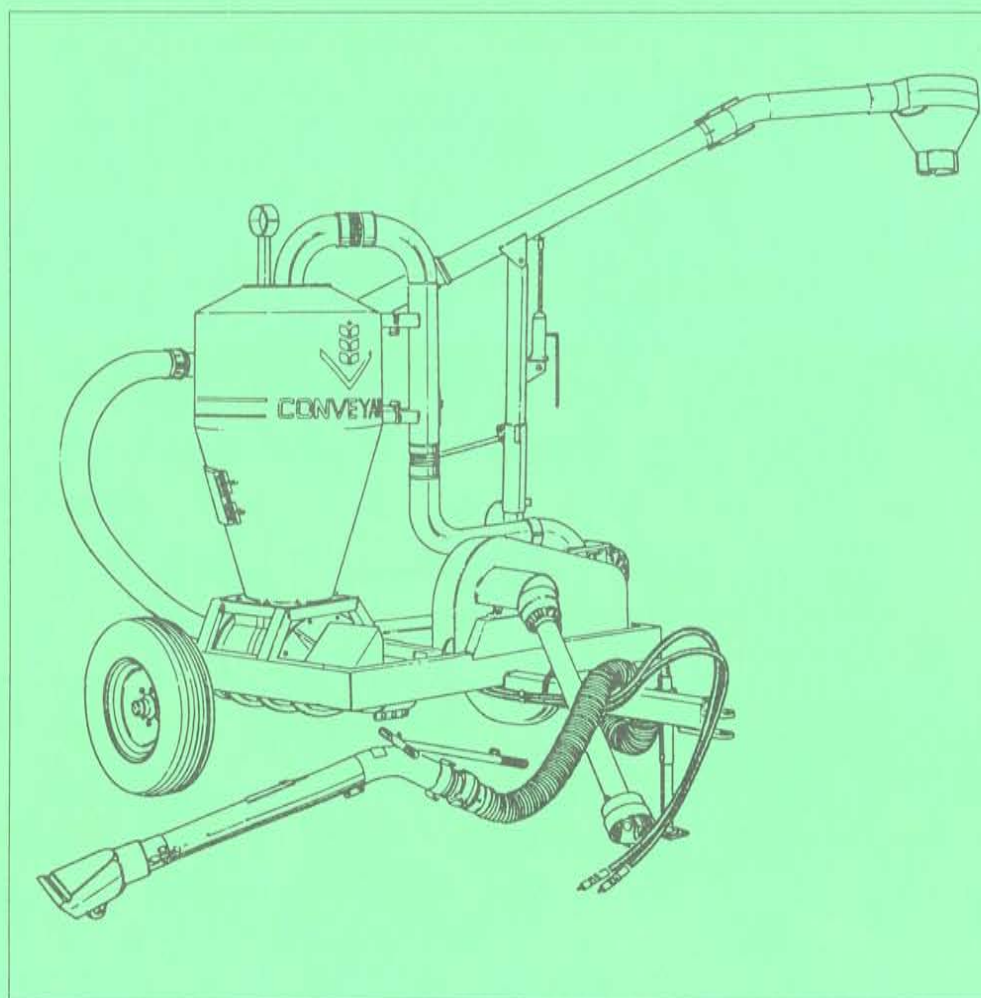




CONVEYAIRTM
G R A I N V A C



PARTS MANUAL

ECONOMY MODELS
1955, 2955 AND 3955

PARTS ORDERING

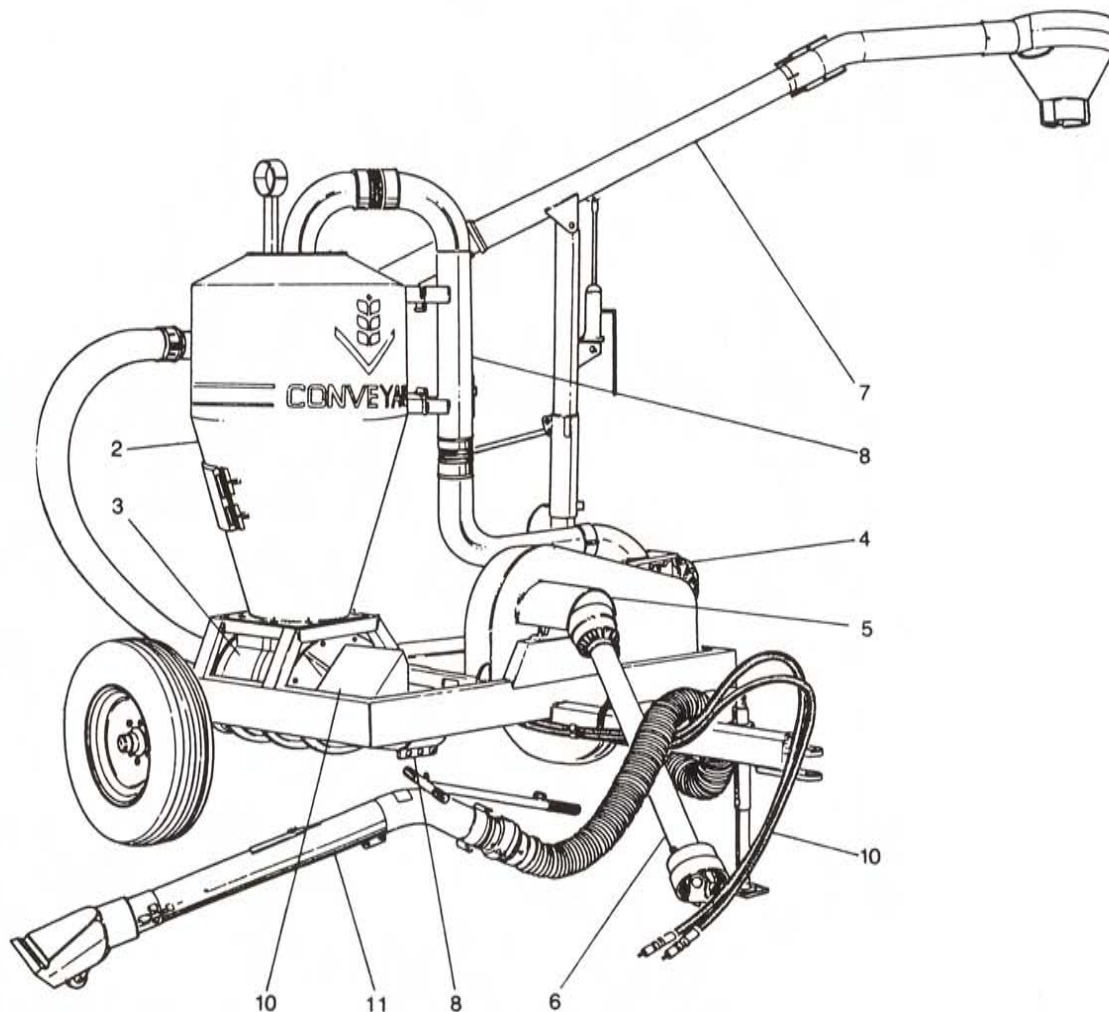
CANADA

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ECONOMY MODELS

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INTRODUCTION

This manual contains a parts list for your machine. It is divided into major sections which correspond to the groups shown in the Table of Contents and the accompanying illustration.

The first page of each major section lists the contents of that section, each of which consists of exploded views and related tabular listings.

WHEN ORDERING PARTS

Always give your dealer the Model and Serial Number of your machine to assist him in ordering and obtaining the correct parts. Use the exploded view and tabular listing of the area of interest to exactly identify the required part.

USING THE MANUAL

Parts data consists of exploded view illustrations and associated parts list tables which are read as follows:

ITEM

The item number is the identifier number from the illustration. For example, number 3 on an illustration points to a component which is item 3 on the accompanying table.

PART NUMBER

The part number is the number by which the component may be identified and ordered from Vana Industries Ltd. and its network of dealers.

DESCRIPTION

This column contains the name and description of the part.

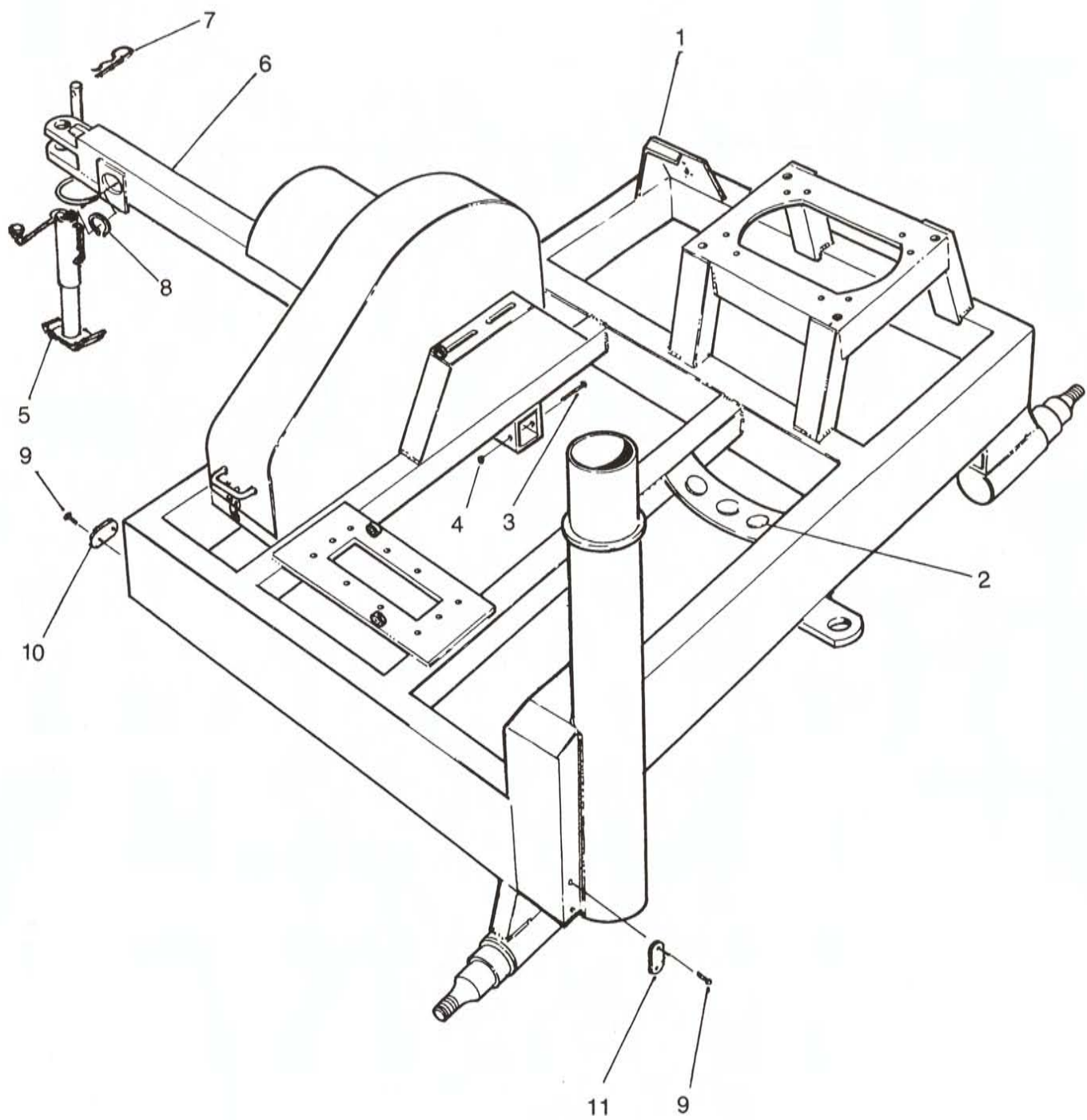
QUANTITY

This column shows the quantity of each part used on the component for the model listed on the top. The abbreviation AR means the quantity is As Required.

FRAME

SECTION 1

FRAME	1.3
TONGUE	1.3
JACK	1.3
WHEEL	1.3
HUB	1.3
WHEEL BEARINGS	1.3
WHEEL BOLTS	1.3
TIRE	1.3
REFLECTORS	1.3



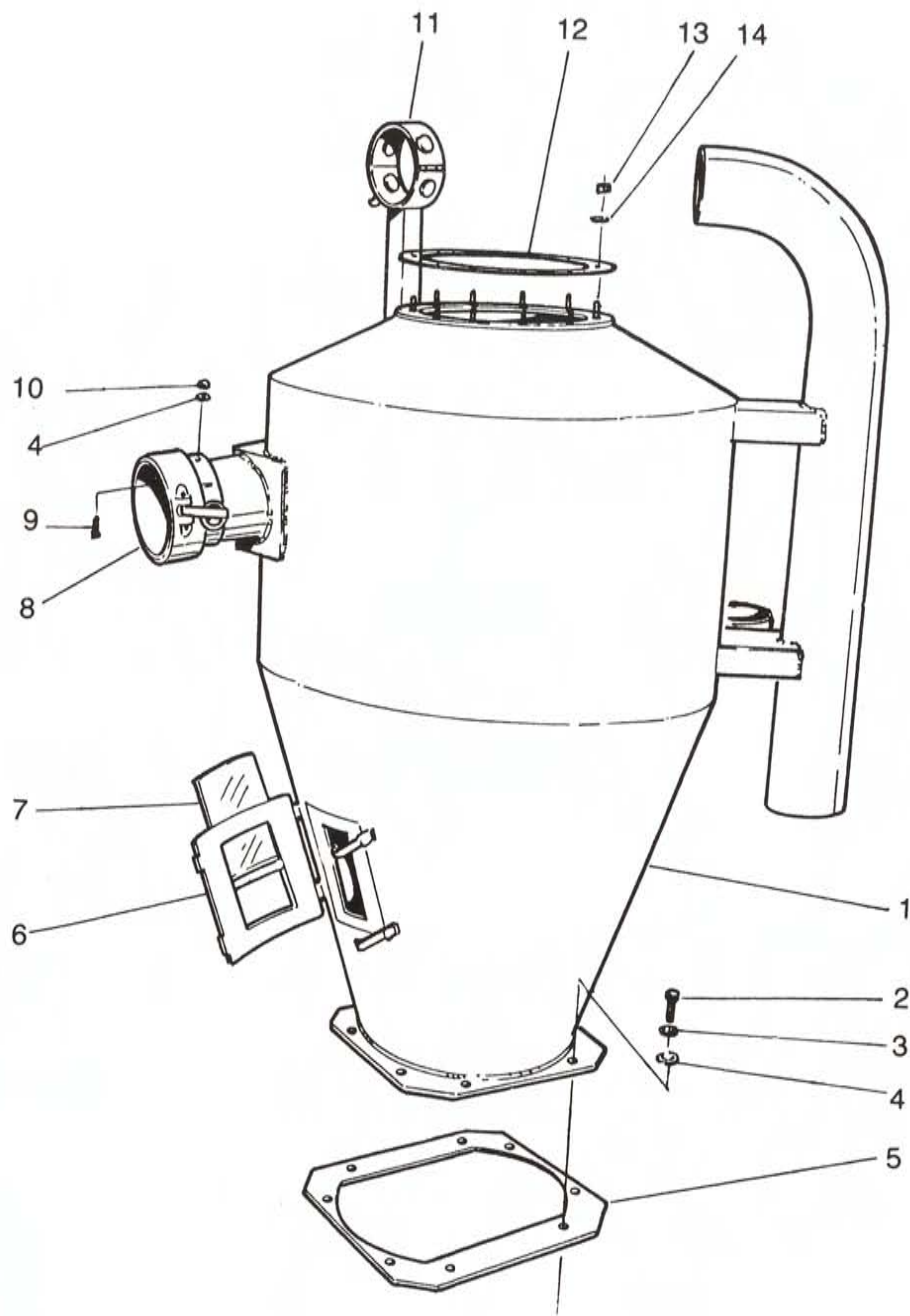
1. FRAME

ITEM	PART NO.	DESCRIPTION	1955	2955	3955
1	11.138	Frame	1		
1	11.130	Frame		1	
1	11.091	Frame			1
2	64.031	Rubber Button	3	3	3
3	56.072	Machine Bolt 1/2"NC x 5 1/2"	2	2	2
4	56.033	Lock Nut	2	2	2
5	30.001	Jack	1	1	1
6	11.057	Tongue	1	1	1
7	60.013	Hitch Pin	1	1	1
8	30.023	Snap Ring	1	1	1
9	56.065	Screw # 12 x 3/4"	8	8	8
10	60.014	Amber Reflector	2	2	2
11	60.015	Red Reflector	2	2	2

RECEIVER TANK

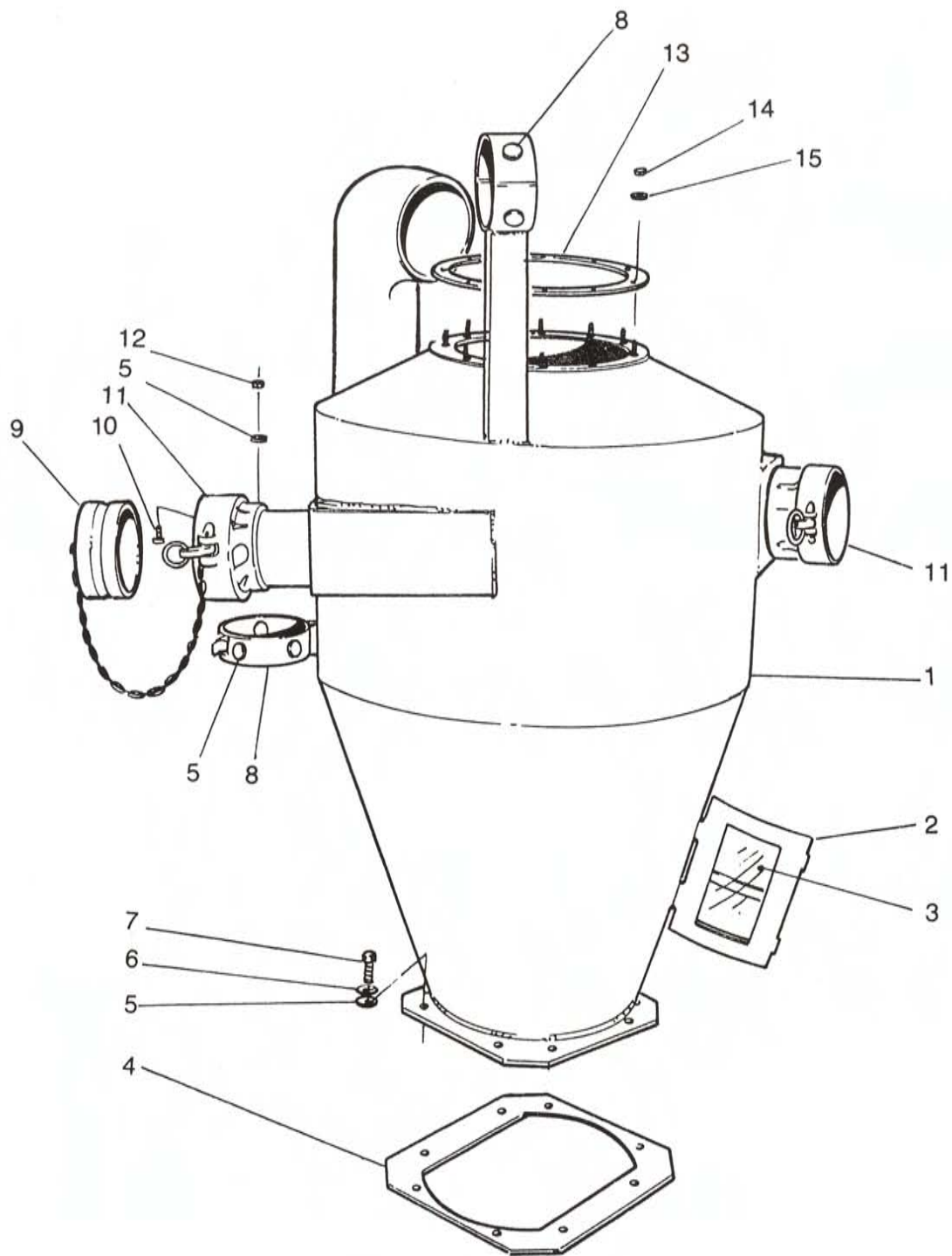
SECTION 2

RECEIVER TANK SINGLE INTAKE	2.3
COUPLER	2.3
TOP AND BOTTOM GASKETS	2.3
RECEIVER DOOR	2.3
RECEIVER DOOR WINDOW	2.3
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MATERIAL SEPARATOR GASKET	2.7
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HOSE CLAMPS	2.7
AIRSLIDE	2.7
FILTER SCREEN	2.9



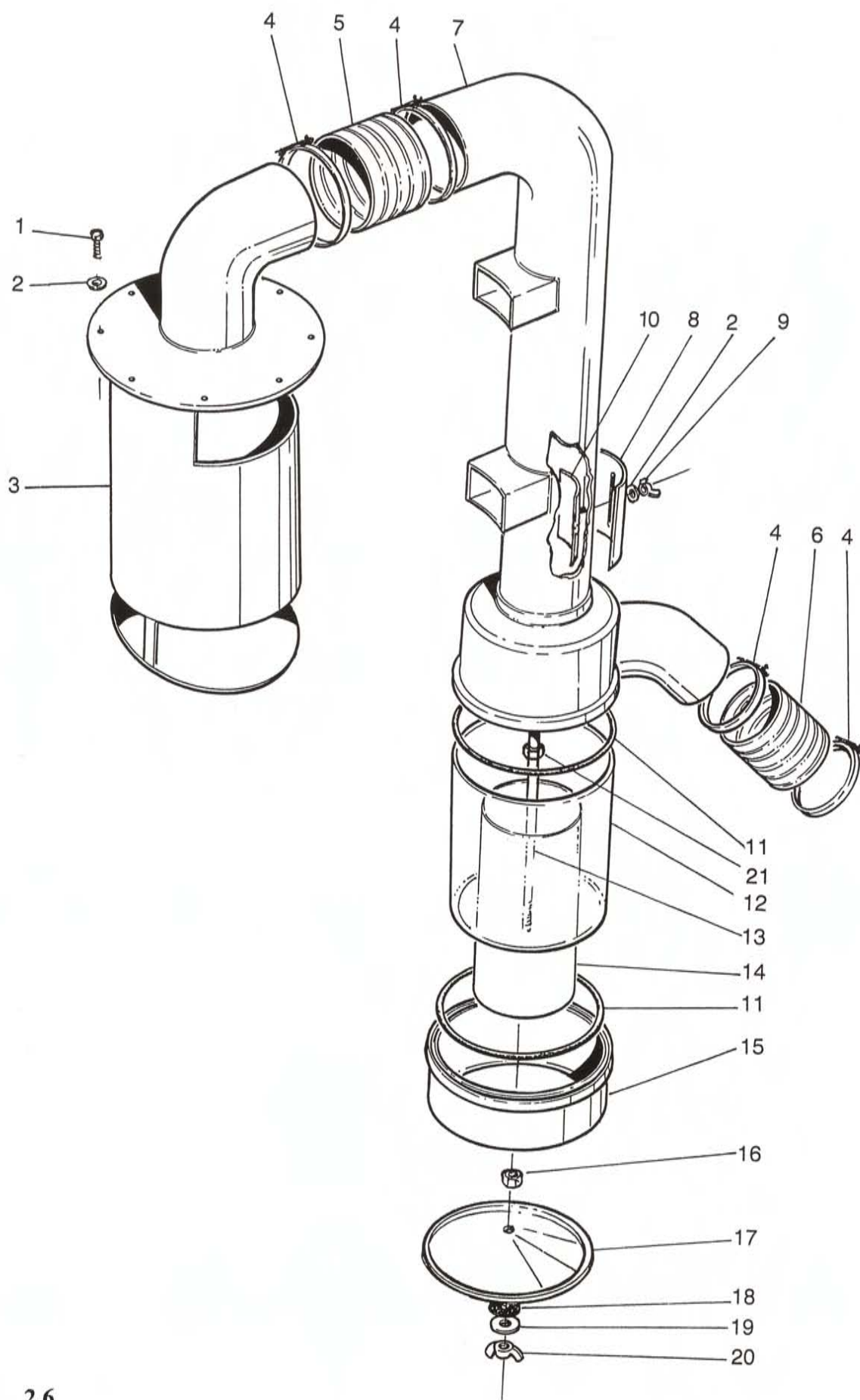
2. RECEIVER TANK

ITEM	PART NO.	DESCRIPTION	1955	2955	3955
1	15.035	Rec. Tank S.I. Internal Filter	1		
1	15.033	Rec. Tank S.I. Internal Filter		1	
1	15.039	Rec. Tank S.I. Internal Filter			1
1	15.037	Rec. Tank S.I. External Filter	1		
1	15.034	Rec. Tank S.I. External Filter		1	
1	15.056	Rec. Tank S.I. External Filter			1
2	56.016	Machine Bolt 3/8"NC x 1 1/4"	8	8	8
3	56.036	Lock Washer 3/8"	8	8	8
4	56.035	Flat Washer 3/8"	12	12	12
5	64.002	Receiver Bottom Gasket	1	1	1
6	15.010	Receiver Door	1	1	1
7	15.019	Receiver Door Window	1	1	1
8	26.007	Female Coupler 5"	1	1	
8	26.052	Female Coupler 6"			1
9	56.056	Carriage Bolt 3/8"NC x 1"	4	4	4
10	56.031	Lock Nut 3/8"NC	4	4	4
11	64.031	Rubber Button	5	5	5
12	64.003	Receiver Top Gasket	1	1	1
13	Ref.	See Page 2.3 or 2.4			
14	Ref.	See Page 2.3 or 2.4			



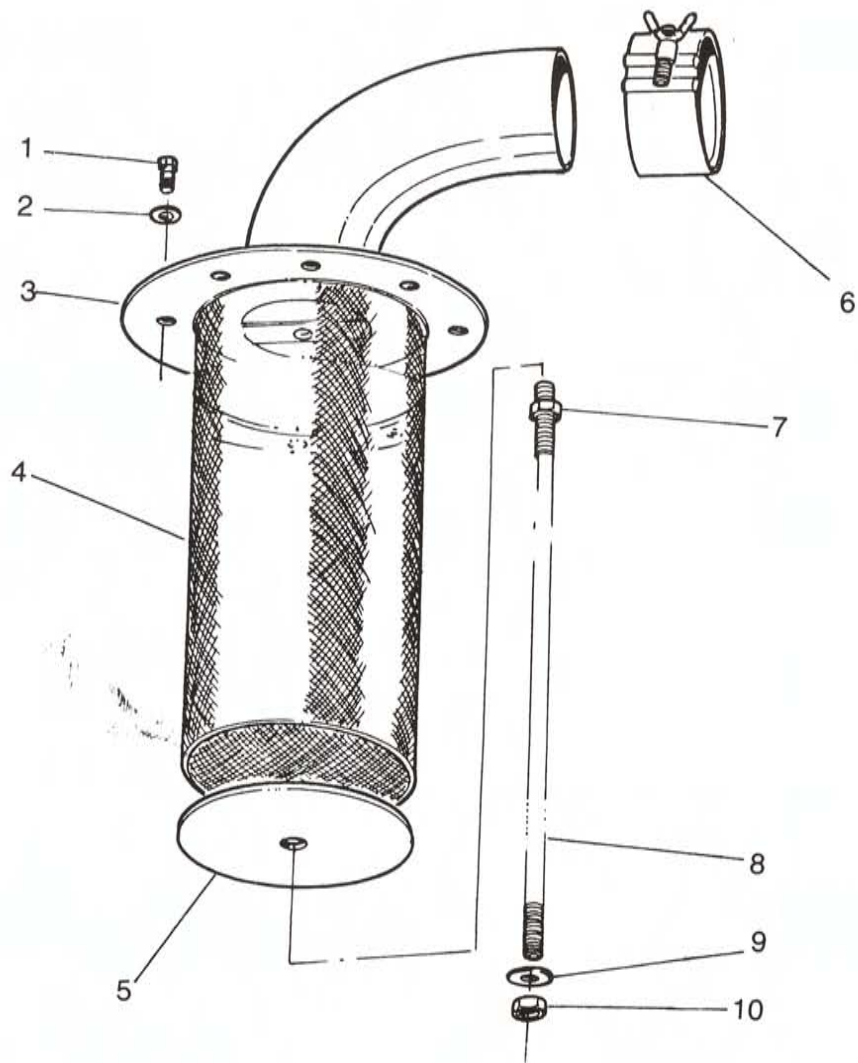
2. RECEIVER TANK

ITEM	PART NO.	DESCRIPTION	1955	2955	3955
1	15.050	Rec. Tank D.I. Internal Filter	1		
1	15.052	Rec. Tank D.I. Internal Filter		1	
1	15.057	Rec. Tank D.I. Internal Filter			1
1	15.051	Rec. Tank D.I. External Filter	1		
1	15.053	Rec. Tank D.I. External Filter		1	
1	15.058	Rec. Tank D.I. External Filter			1
2	15.010	Receiver Door	1	1	1
3	15.019	Receiver Door Window	1	1	1
4	64.002	Receiver Bottom Gasket	1	1	1
5	56.035	Flat Washer 3/8"	16	16	16
6	56.036	Lock Washer 3/8"	8	8	8
7	56.016	Machine Bolt 3/8"NC x 1 1/4"	8	8	8
8	64.031	Rubber Button	5	5	5
9	26.020	Dust Plug 5"	1	1	
9	26.035	Dust Plug 6"			1
10	56.056	Carriage Bolt 3/8"NC x 1"	8	8	8
11	26.007	Female Coupler 5"	2	2	
11	26.052	Female Coupler 6"			2
12	56.031	Lock Nut 3/8"NC	8	8	8
13	64.003	Receiver Top Gasket	1	1	1
14	Ref.	See Page 2.3 or 2.4			
15	Ref.	See Page 2.3 or 2.4			



2. EXTERNAL FILTER

ITEM	PART NO.	DESCRIPTION	1955	2955	3955
1	56.031	Lock Nut 3/8"NC	8	8	8
2	56.035	Flat Washer 3/8"	8	8	8
3	15.023	Material Separator	1	1	1
4	26.042	T-Bolt Clamp 5"	4	4	4
5	45.049	Hose Receiver	1	1	1
6	45.052	Hose Filter - Blower	1	1	1
7	Ref.	See Page 2.1 or 2.2			
8	43.008	Top Slide Filter	1	1	1
9	56.007	Wing Nut 3/8"NC	1	1	1
10	43.002	Bottom Slide	1	1	1
11	64.009	Filter Gasket	2	2	2
12	26.027	Filter Tube	1	1	1
13	19.006	Threaded Rod 1/2"NC	1	1	1
14	19.024	Filter Screen	1	1	1
15	19.012	Filter Bottom	1	1	1
16	56.033	Lock Nut 1/2"NC	1	1	1
17	19.013	Filter Cover	1	1	1
18	64.012	Rubber Washer	1	1	1
19	56.009	Flat Washer 1/2"	1	1	1
20	56.004	Wing Nut 1/2"NC	1	1	1
21	56.003	Jam Nut 1/2"NC	1	1	1



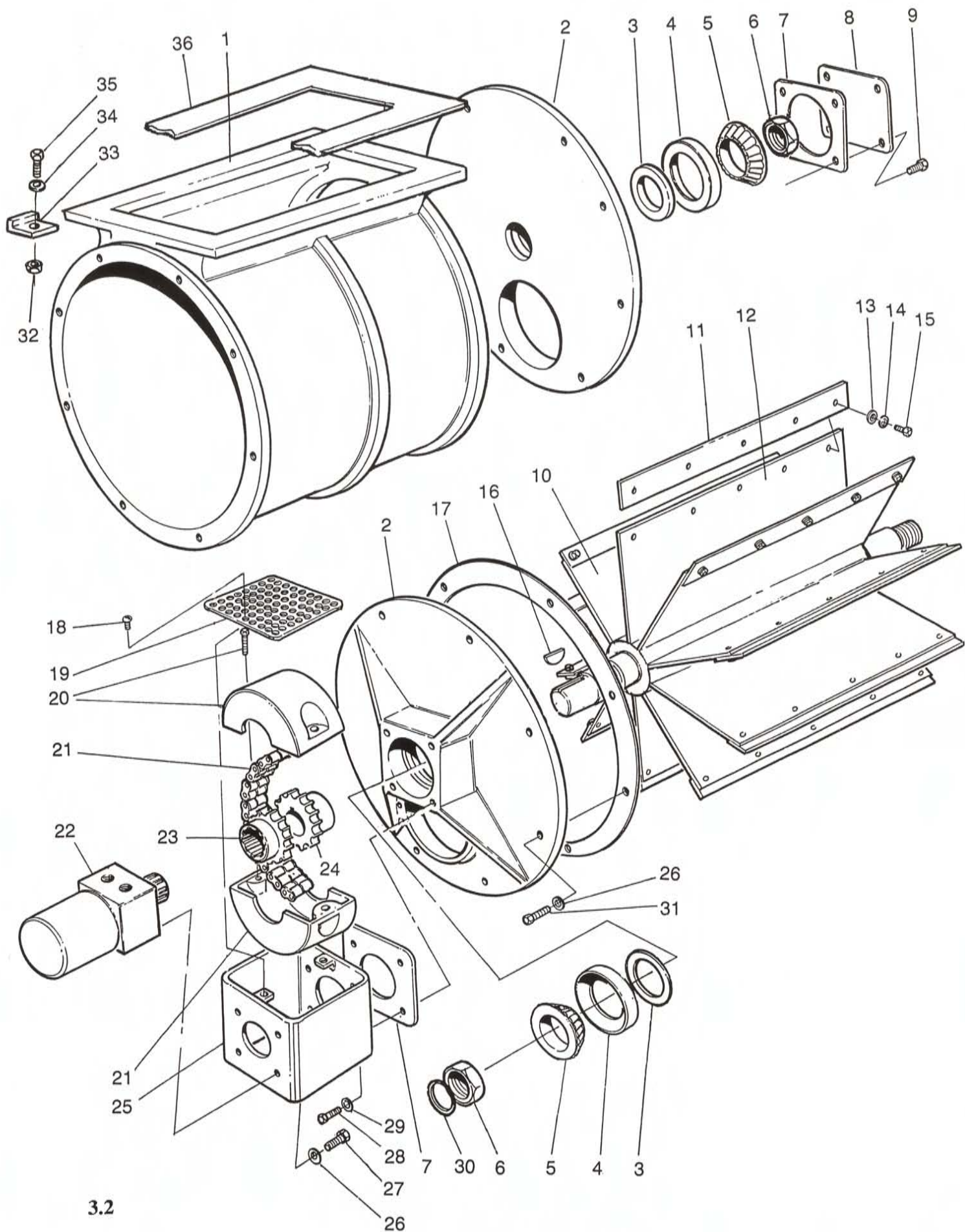
2. INTERNAL FILTER

ITEM	PART NO.	DESCRIPTION	1955	2955	3955
1	56.031	Lock Nut 3/8"NC	8	8	8
2	56.035	Flat Washer 3/8"	8	8	8
3	15.036	Top Internal Filter	1	1	1
4	19.021	Filter Screen	1	1	1
5	19.022	Bottom Internal Filter	1	1	1
6	26.046	Quick On Clamp 5"	1	1	1
7	56.003	Jam Nut 1/2"NC	1	1	1
8	19.025	Threaded Rod 1/2"NC	1	1	1
9	56.009	Flat Washer 1/2"	1	1	1
10	56.033	Lock Nut 1/2"NC	1	1	1

AIRLOCK

SECTION 3

AIRLOCK SHELL	3.3
AIRLOCK ROTOR	3.3
AIRLOCK ENDPLATES	3.3
BEARINGS AND SEALS	3.3
CHAIN COUPLING	3.3
HYDRAULIC MOTOR	3.3
MOTOR MOUNT	3.3
ENDPLATE COVER	3.3



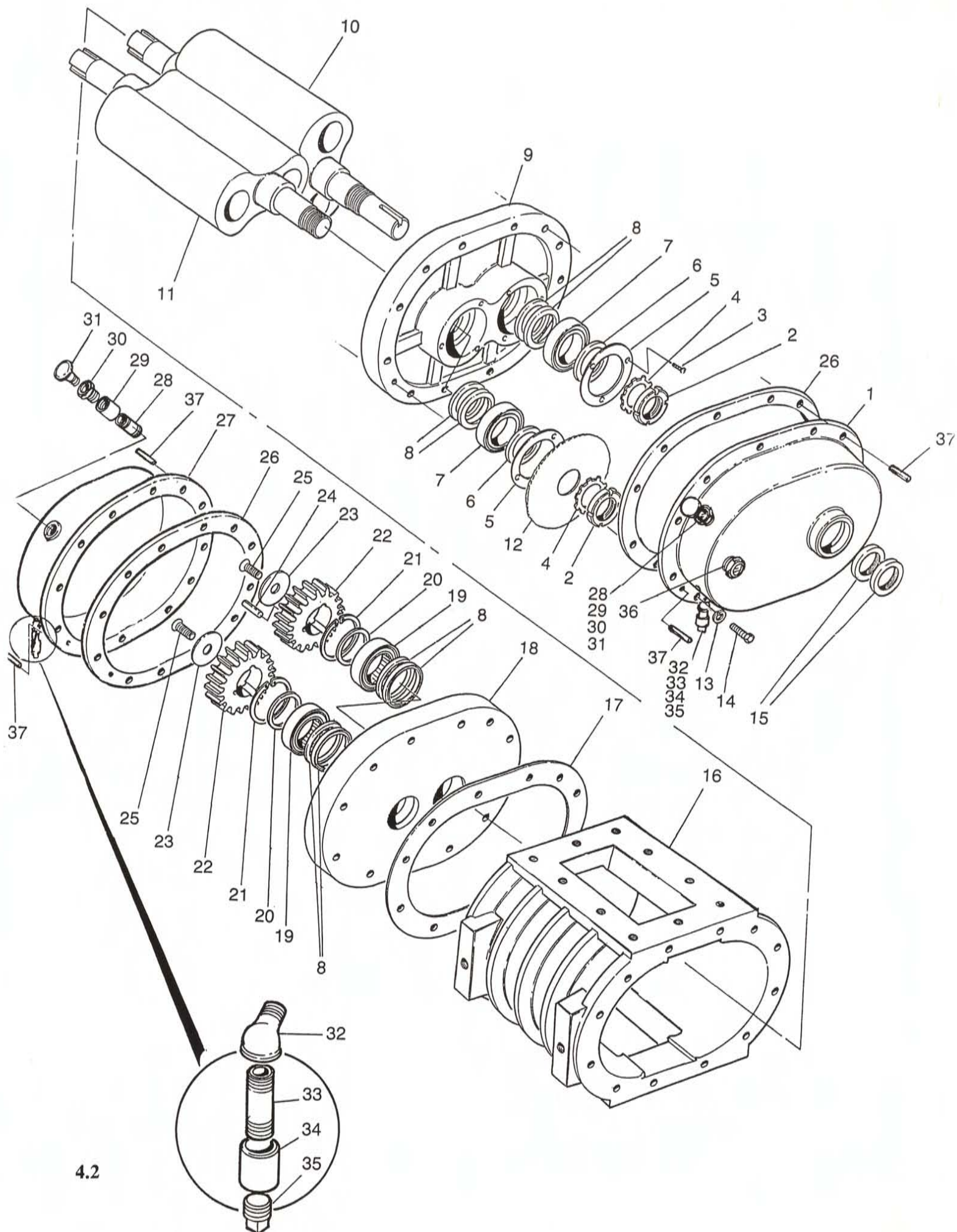
3. AIRLOCK

ITEM	PART NO.	DESCRIPTION	1955	2955	3955
1	10.011	Airlock Shell	1	1	1
2	10.012	Airlock Endplate 5"	2	2	1
2	10.022	Airlock Endplate 6"			1
3	20.004	Oil Seal	2	2	2
4	20.002	Bearing Cup	2	2	2
5	20.003	Bearing Cone	2	2	2
6	56.001	Lock Nut 1 3/4"NF	2	2	2
7	64.008	Endplate Cover Gasket	2	2	2
8	10.013	Endplate Cover	1	1	1
9	56.021	Machine Bolt 1/2 "NC x 1"	4	4	4
10	10.003	Airlock Rotor	1	1	1
11	10.010	Rotor Tip	10	10	10
12	10.029	Rotor Tip Kit			
13	56.006	Flat Washer 5/16" Fedalloy	50	50	50
14	56.008	Lock Washer 5/16" Fedalloy	50	50	50
15	56.005	Machine Bolt 5/16" x 3/4"	50	50	50
16	20.006	Woodruff Key	1	1	1
17	64.011	Airlock Endplate Shim	A/R	A/R	A/R
18	56.040	Screw # 12 x 1/2"	2	2	2
19	10.025	Motor Mount Screen	1	1	1
20	20.011	Cover - Chain Coupling	1	1	1
21	20.010	Chain - Chain Coupling	1	1	1
22	22.015	Hydraulic Motor	1	1	1
23	10.021 - W	Splined Sprocket - Chain Coupling	1	1	1
24	20.007	Sprocket - Chain Coupling	1	1	1
25	10.017	Motor Mount	1	1	1
26	56.036	Lock Washer 3/8"	20	20	20
27	56.015	Machine Bolt 3/8"NC x 7/8"	4	4	4
28	56.022	Machine Bolt 1/2"NC x 1 1/4"	4	4	4
29	56.037	Lock Washer 1/2"	4	4	4
30	20.005	Oil Seal	1	1	1
31	56.016	Machine Bolt 3/8"NC x 1 1/4"	16	16	16
32	56.033	Lock Nut 1/2"NC	4	4	4
33	10.020	Airlock Mount Lug	4	4	4
34	56.009	Flat Washer 1/2"	4	4	4
35	56.024	Machine Bolt 1/2"NC x 2 1/4"	4	4	4
36	64.004	Airlock Gasket	1	1	1

BLOWER

SECTION 4

BLOWER SHELL	4.3
BLOWER DRIVE ROTOR	4.3
BLOWER IDLER ROTOR	4.3
BLOWER ENDPLATES	4.3
BEARINGS AND SEALS	4.3
TIMING GEARS	4.3
SPACERS	4.3



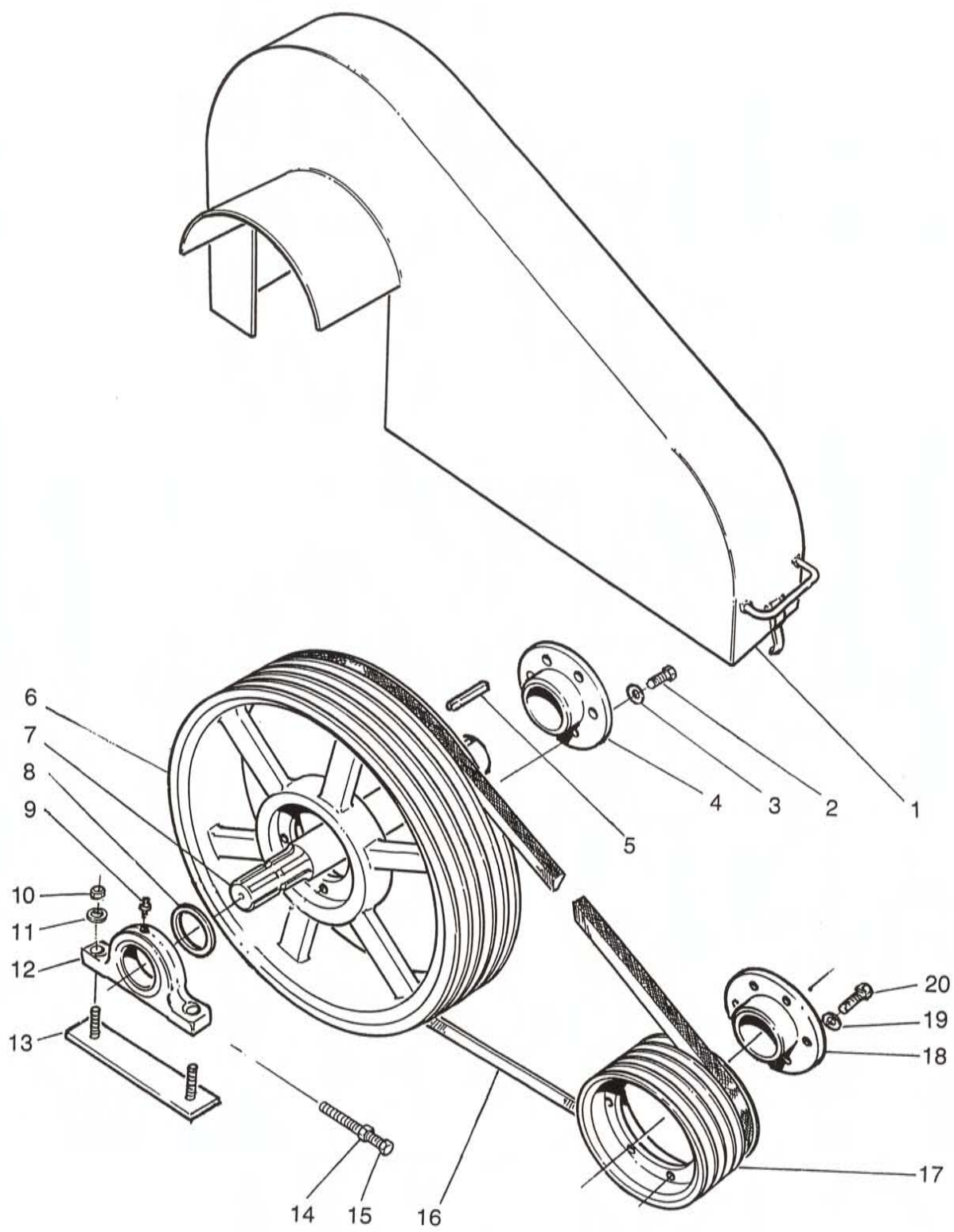
4. BLOWER

ITEM	PART NO.	DESCRIPTION	3955
1	14.407	Front Cover	1
2	20.036	Lock Nut Bearing	2
3	56.074	Allen Head Bolt 3/8"NC x 3/4"	6
4	20.037	Locking Washer Bearing	2
5	14.414	Retainer Ring	2
6	14.415	Spacer Drive End	2
7	20.030	Double Ball Bearing	2
8	20.041	Oil Seal	8
9	14.405	End Plate - Drive	1
10	14.403	Drive Rotor	1
11	14.404	Idler Rotor	1
12	14.416	Oil Flinger	1
13	56.002	Flat Washer 7/16"	24
14	56.053	Machine Bolt 7/16"NC x 2 1/4"	24
15	20.022	Oil Seal	2
16	14.402	Blower Housing	1
17	64.041	End Plate Shim .002"	A/R
17	64.042	End Plate Shim .003"	A/R
17	64.043	End Plate Shim .005"	A/R
18	14.406	End Plate - Gear	1
19	20.032	Roller Bearing	2
20	14.412	Spacer Gear	2
21	20.035	Retainer Ring	2
22	14.420	Gear Set	1
23	14.413	Retainer Washer Gear	2
24	56.075	Dowel Pin	4
25	56.073	Allen Head Bolt 1/2"NC x 1"	2
26	64.040	End Cover Gasket	2
27	14.409	Gear Cover	1
28	22.136	Pipe Nipple 3/4"	2
29	22.044	Pipe Coupling 3/4"	2
30	22.149	Reducer 3/4" - 3/8"	2
31	14.431	Breather Vent	2
32	22.135	Pipe Nipple 3/8"	2
33	22.134	Pipe Elbow 45 Deg. 3/8"	2
34	22.094	Pipe Coupling 3/8"	2
35	22.143	Pipe Plug 3/8"	2
36	22.119	Sight Glass 3/4"	2
37	56.076	Tapered Pin	2

BELT DRIVE

SECTION 5

LARGE SHEAVE	5.3
BUSHING LARGE SHEAVE	5.3
SMALL SHEAVE	5.3
BUSHING SMALL SHEAVE	5.3
SPLINED SHAFT	5.3
PILLOW BLOCK BEARING	5.3



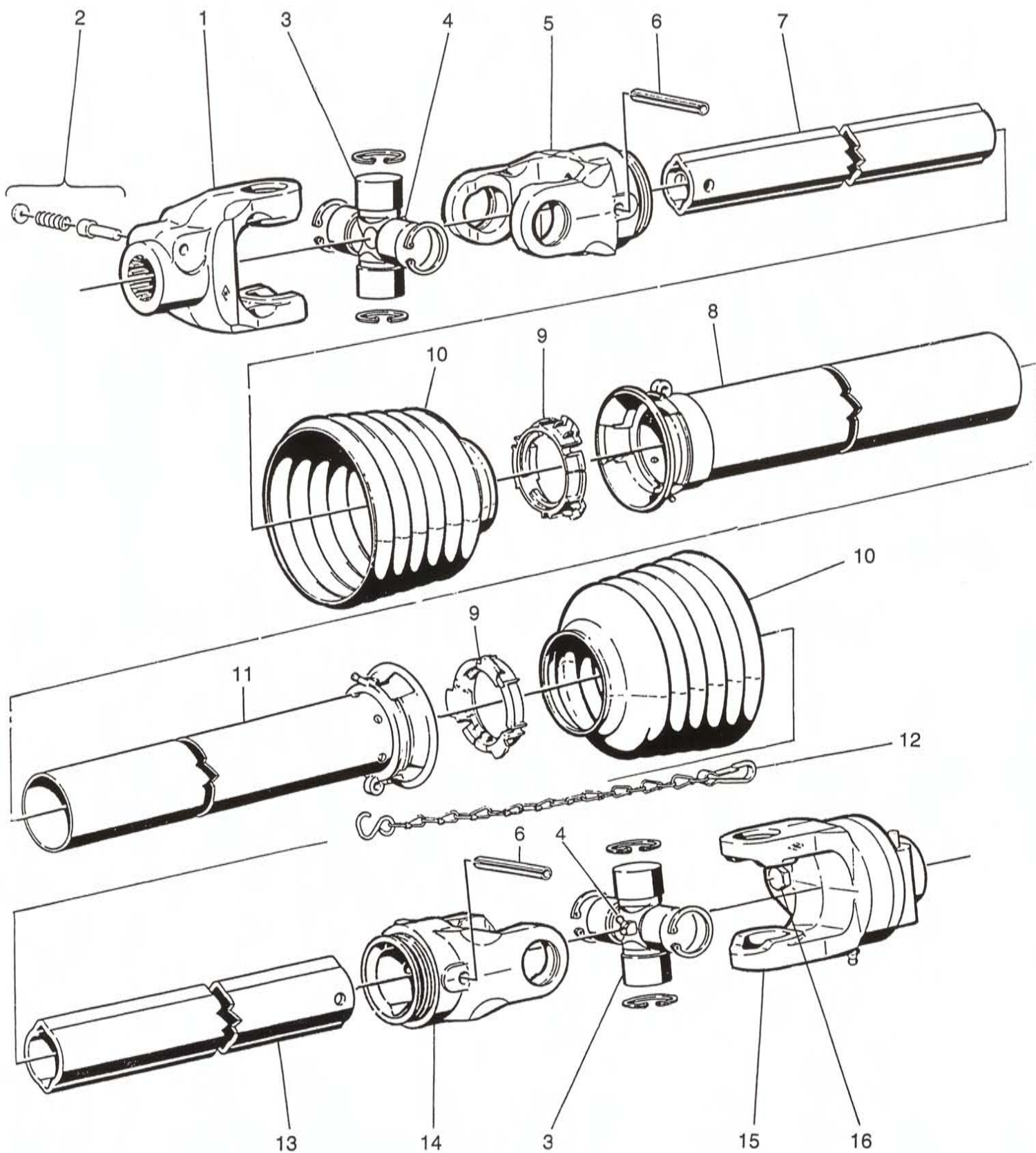
5. BELT DRIVE

ITEM	PART NO.	DESCRIPTION	1955	2955	3955
1	11.049	V-Belt Cover	1	1	1
2	56.079	Machine Bolt 3/8"NC x 2"	6	6	6
3	56.008	Lock Washer 5/16"	6	6	6
4	18.006	Bushing SF 1 3/4"	1	1	1
5	20.018	Key	1	1	1
6	18.004	Pulley 18.4"	1	1	1
7	18.001	Splined Shaft	1	1	
7	11.280	Splined Shaft			1
8	20.024	Locking Collar	2	2	2
9	20.013	Grease Nipple	2	2	2
10	56.033	Lock Nut 1/2"NC	4	4	4
11	56.009	Flat Washer 1/2"	8	8	8
12	20.001	Pillow Block Bearing	1	1	1
13	11.078	Bolt Weldment	1	1	1
14	56.003	Jam Nut 1/2"NC	2	2	2
15	56.026	Tap Bolt 1/2"NC x 3 3/4"	2	2	2
16	18.040	Belt Set	1		
16	18.042	Belt Set		1	
16	18.044	Belt Set			1
17	18.008	Pulley 5.2"	1	1	
17	18.037	Pulley 5.8"			1
18	18.010	Bushing SD 1 7/16"	1	1	
18	18.038	Bushing SK 1 7/16"			1
19	56.067	Lock Washer 1/4"	6	6	
19	56.008	Lock Washer 5/16"			6
20	56.077	Machine Bolt 1/4"NC x 2"	6	6	
20	56.078	Machine Bolt 5/16"NC x 2"			6

PTO DRIVE SHAFT

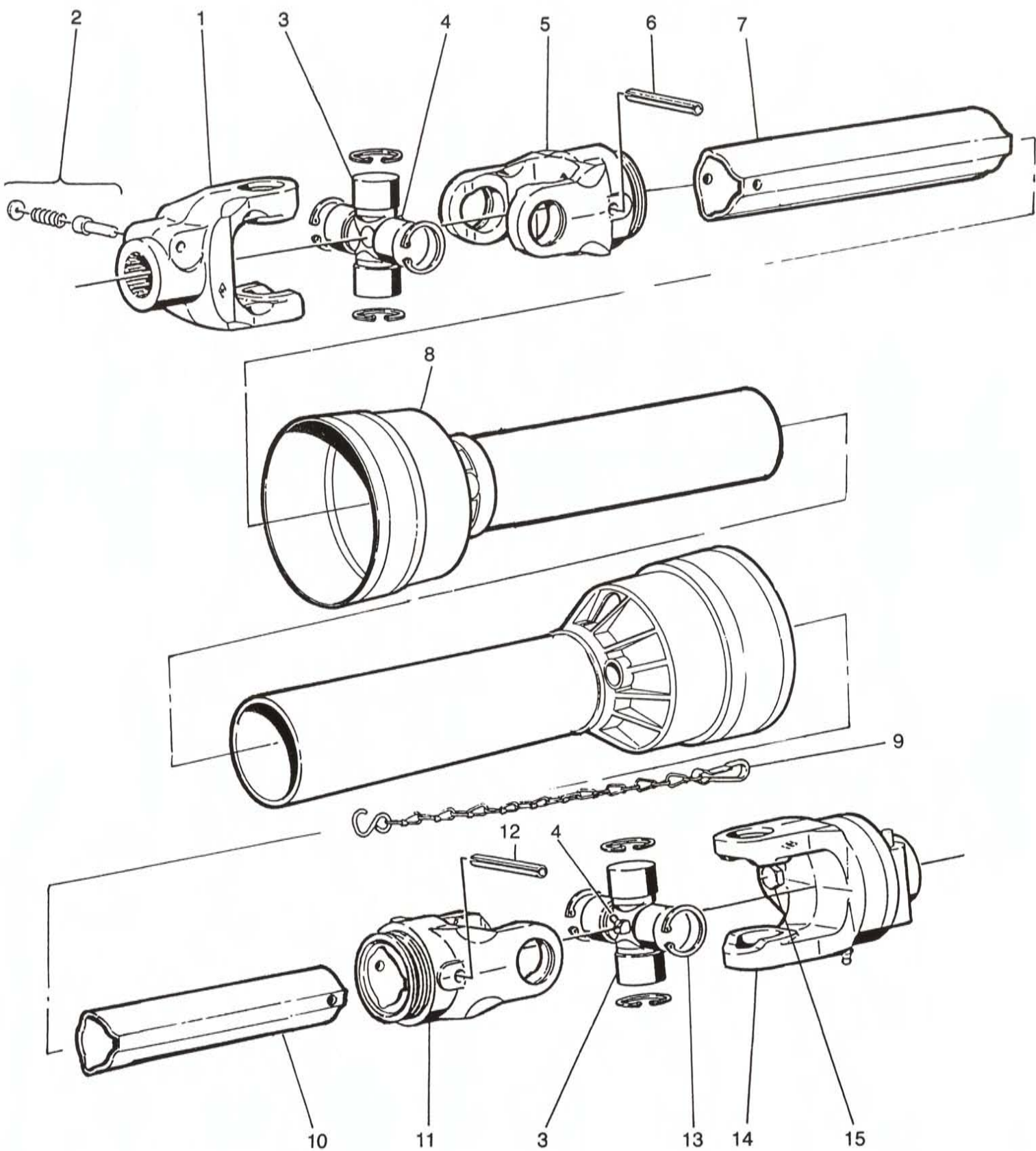
SECTION 6

WALTERSCHEID	6.3
BONDIOLI	6.5



6. DRIVE SHAFT

ITEM	PART NO.	DESCRIPTION	1955	2955	3955
	16.100	Drive Shaft Walterscheid 1000 RPM		1	1
	16.200	Drive Shaft Walterscheid 540 RPM	1		
1	16.105	End Yoke 1 3/8" - 21 Spline	1	1	1
1	16.123	End Yoke 1 3/8" - 6 Spline	1	1	1
2	16.106	Pin Kit	2	2	2
3	16.109	Cross and Bearing Kit	2	2	2
4	16.110	Grease Nipple	2	2	2
5	16.111	Yoke Inner Profile	1	1	1
6	16.112	Spring Pin	2	2	2
7	16.113	Inner Profile	1	1	1
8	16.118	Outer Shield Tube	1	1	1
9	16.117	Shield Bearing	2	2	2
10	16.116	Shield Cone	2	2	2
11	16.119	Inner Shield Tube	1	1	1
12	16.112	Safety Chain	1	1	1
13	16.114	Outer Profile	1	1	1
14	16.115	Yoke Outer Profile	1	1	1
15	16.107	Shear Bolt Clutch Yoke	1	1	1
16	16.108	Shear Bolt 5/16"NC x 2 1/2"	1	1	1



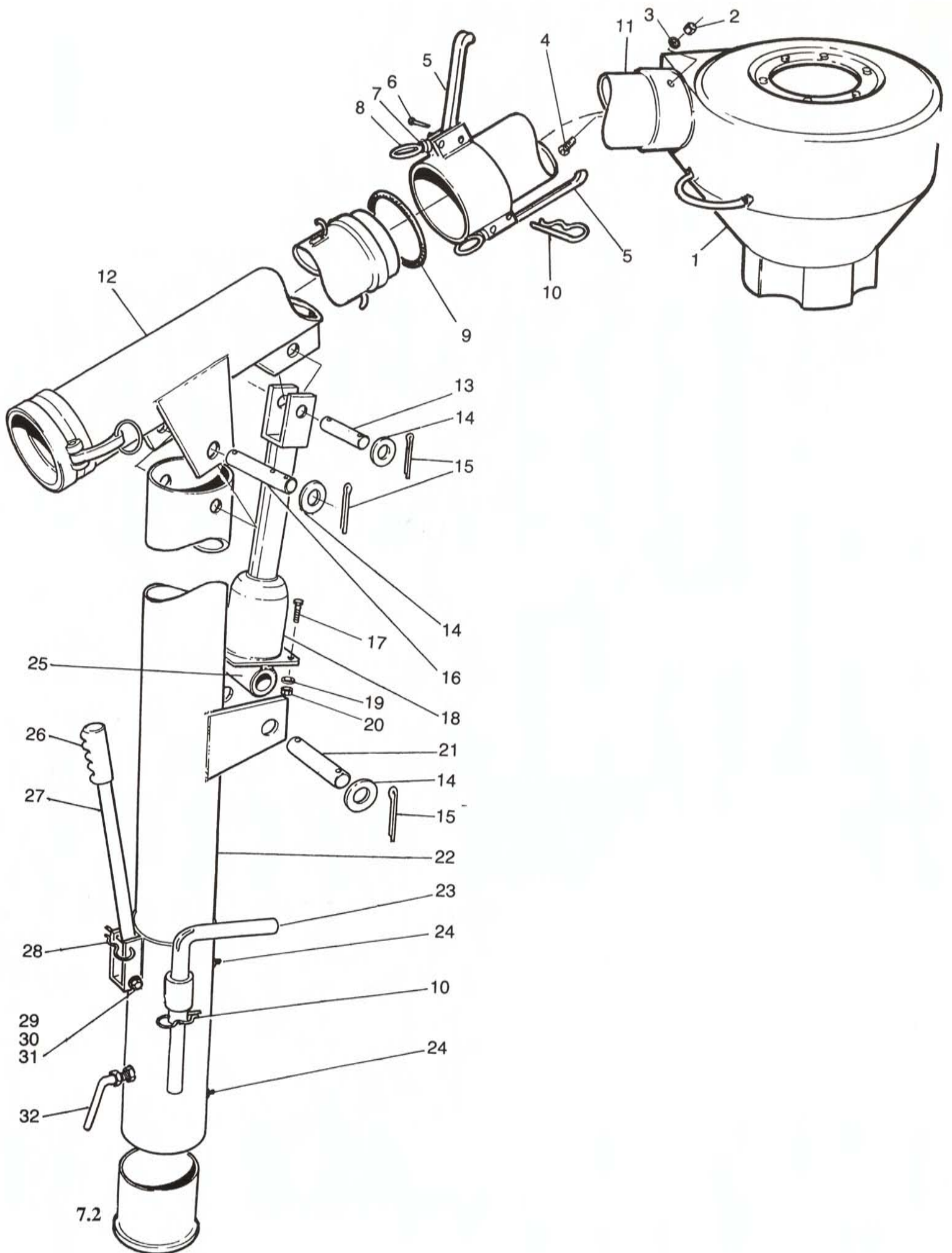
6. DRIVE SHAFT

ITEM	PART NO.	DESCRIPTION	1955	2955	3955
	16.300	Drive Shaft Bondioli 1000 RPM		1	1
	16.400	Drive Shaft Bondioli 540 RPM	1		
1	16.308	End Yoke 1 3/8" - 21 Spline		1	1
1	16.314	End Yoke 1 3/8" - 6 Spline	2	1	1
2	16.309	Pin Kit	1	1	1
3	16.301	Cross and Bearing Kit	2	2	2
4	16.316	Grease Nipple	2	2	2
5	16.304	Yoke Inner Profile	1	1	1
6	16.306	Spring Pin Inner Profile	1	1	1
7	16.302	Inner Profile	1	1	1
8	16.310	Shield Kit	1	1	1
9	16.318	Safety Chain	1	1	1
10	16.303	Outer Profile	1	1	1
11	16.305	Yoke Outer Profile	1	1	1
12	16.307	Spring Pin Outer Profile	1	1	1
13	16.312	Snap Ring	8	8	8
14	16.311	Shear Bolt Yoke	1	1	1
15	16.317	Shear Bolt	1	1	1
16	16.313	Pin Kit	1	1	1

DISCHARGE BOOM

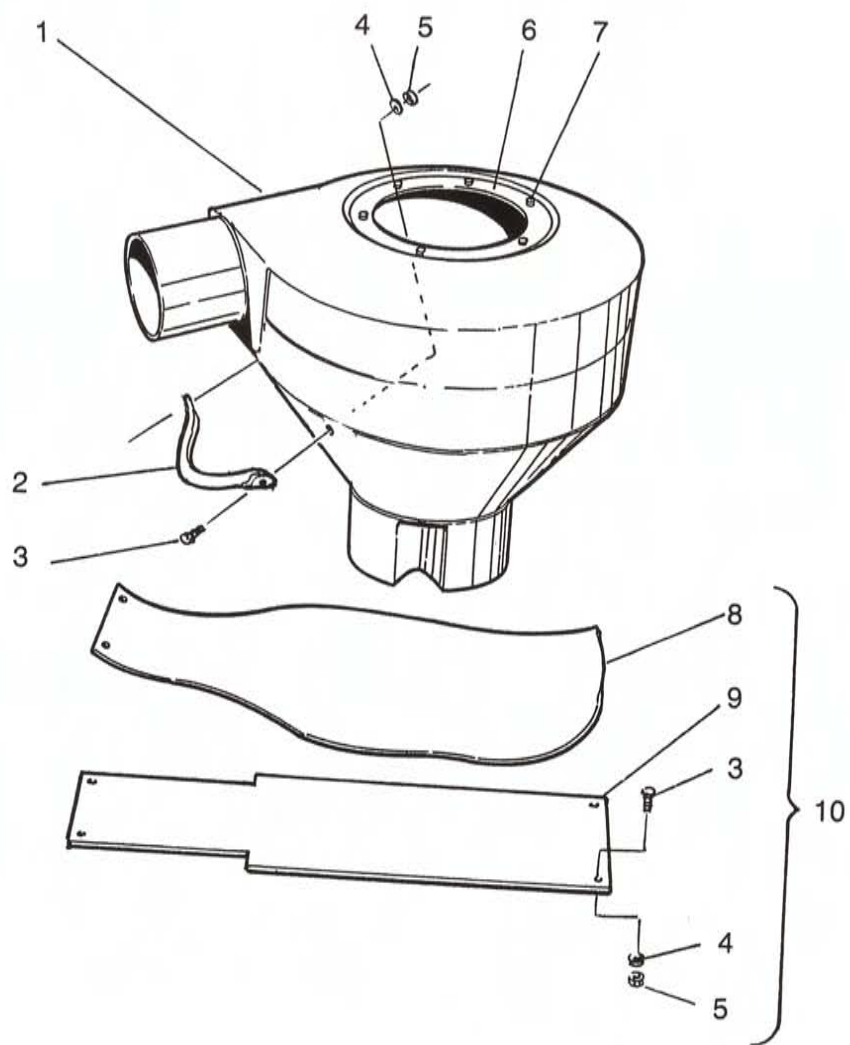
SECTION 7

BOOM TOP	7.3
BOOM HORIZONTAL	7.3
HINGE PINS	7.3
HYDRAULIC JACK	7.3
HYDRAULIC JACK PINS	7.3
CYCLONE	7.5
NOVITANE WEAR LINER	7.5
STEEL WEAR LINER	7.5



7. BOOM

ITEM	PART NO.	DESCRIPTION	1955	2955	3955
1	31.003	Cyclone Assembly 5"	1	1	
1	31.004	Cyclone Assembly 6"			1
2	56.030	Lock Nut 1/4"NC	4	4	4
3	56.055	Flat Washer 1/4"	4	4	4
4	56.027	Carriage Bolt 1/4"NC x 3/4"	4	4	4
5	60.004	Lever	2	2	2
6	60.005	Rivet	2	2	2
7	56.003	Jam Nut 1/2"NC	2	2	2
8	60.006	Eye Lever	2	2	2
9	20.014	O-Ring 5"	1	1	
9	20.016	O-Ring 6"			1
10	60.013	Hitch Pin	3	3	3
11	31.014	Cyclone Tube 5"	1	1	
11	31.028	Cyclone Tube 6"			1
12	29.027	Boom Tubing Horizontal 5"	1	1	
12	29.043	Boom Tubing Horizontal 6"			1
13	29.028	Jack Pin Top	1	1	1
14	56.046	Flat Washer 3/4"	6	6	6
15	60.012	Cotter Pin	6	6	6
16	29.026	Hinge Pin	1	1	1
17	56.049	Machine Bolt 5/16"NC x 1"	3	3	3
18	29.022	Hydraulic Jack	1	1	1
19	56.008	Lock Washer 5/16"	3	3	3
20	56.029	Lock Nut 5/16"NC	3	3	3
21	29.023	Jack Pin Bottom	1	1	1
22	29.004	Boom Tube Vertical	1	1	1
23	29.029	Jack Handle	1	1	1
24	20.017	Grease Nipple 1/4"	2	2	2
25	29.018	Bottom Plate Jack	1	1	1
26	60.008	Handle Grip	1	1	1
27	27.032	Handle	1	1	1
28	60.019	Hitch Pin	1	1	1
29	56.020	Machine Bolt 3/8"NC x 2 1/2"	1	1	1
30	56.035	Flat Washer 3/8"	2	2	2
31	56.031	Lock Nut 3/8"NC	1	1	1
32	29.037	Lock Bolt	1	1	1



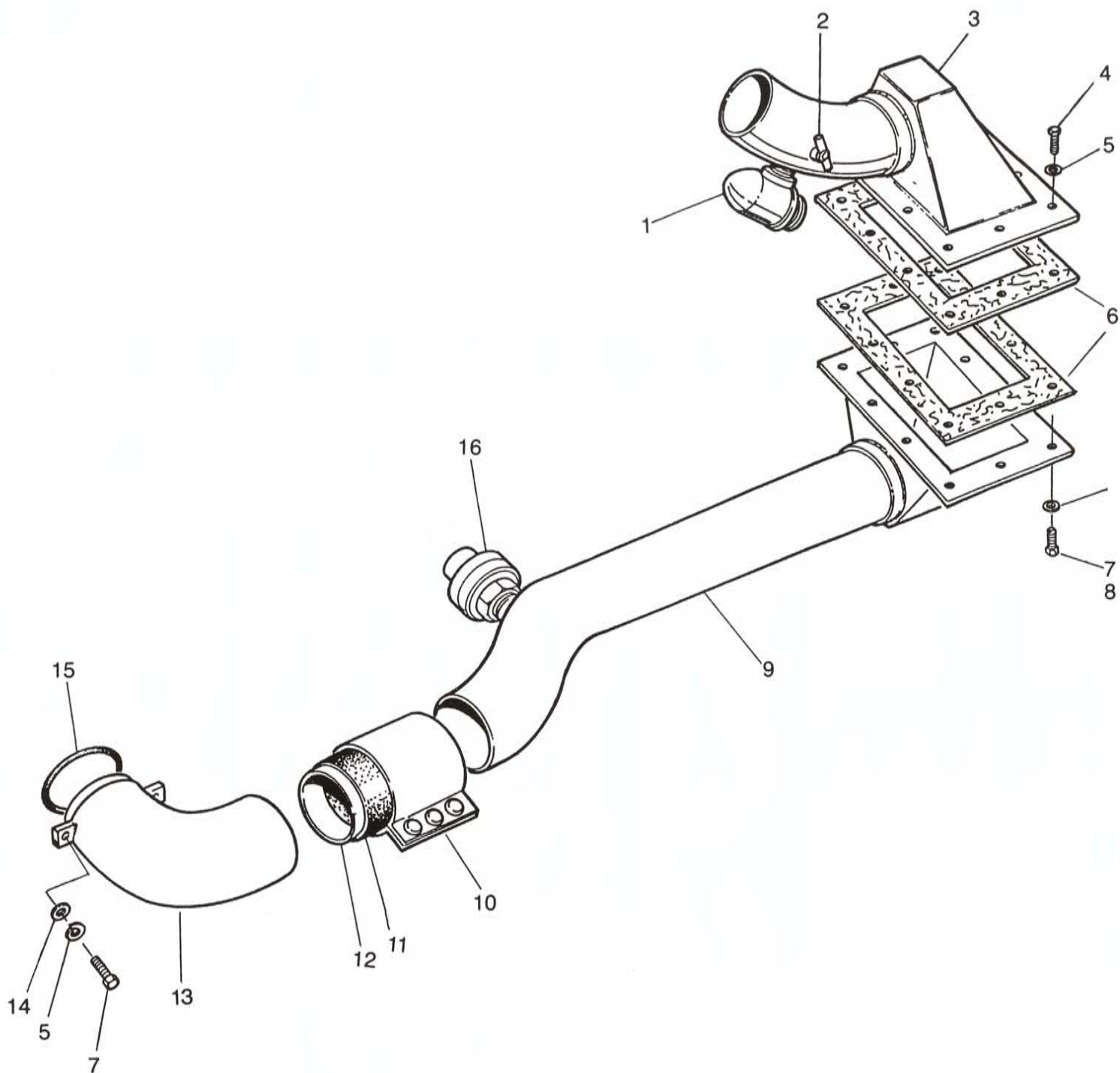
7. CYCLONE

ITEM	PART NO.	DESCRIPTION	1955	2955	3955
1	31.006	Cyclone 5"	1	1	
1	31.019	Cyclone 6"			1
2	31.013	Handle	1	1	1
3	56.027	Carriage Bolt 1/4"NC x 3/4"	6	6	6
4	56.055	Flat Washer 1/4"	6	6	6
5	56.030	Lock Nut 1/4"NC	6	6	6
6	31.039	Cyclone Thimble	1	1	1
7	56.065	Screw # 12 x 3/4"	6	6	6
8	31.002	Wear Liner 5"	1	1	
8	31.031	Wear Liner 6"			1
9	31.005	Steel Liner	1	1	1
10	31.035	Wear Liner Kit 5" (# 3, 4, 5, 8, 9)			
10	31.036	Wear Liner Kit 6" (# 3, 4, 5, 8, 9)			

AIRLINES

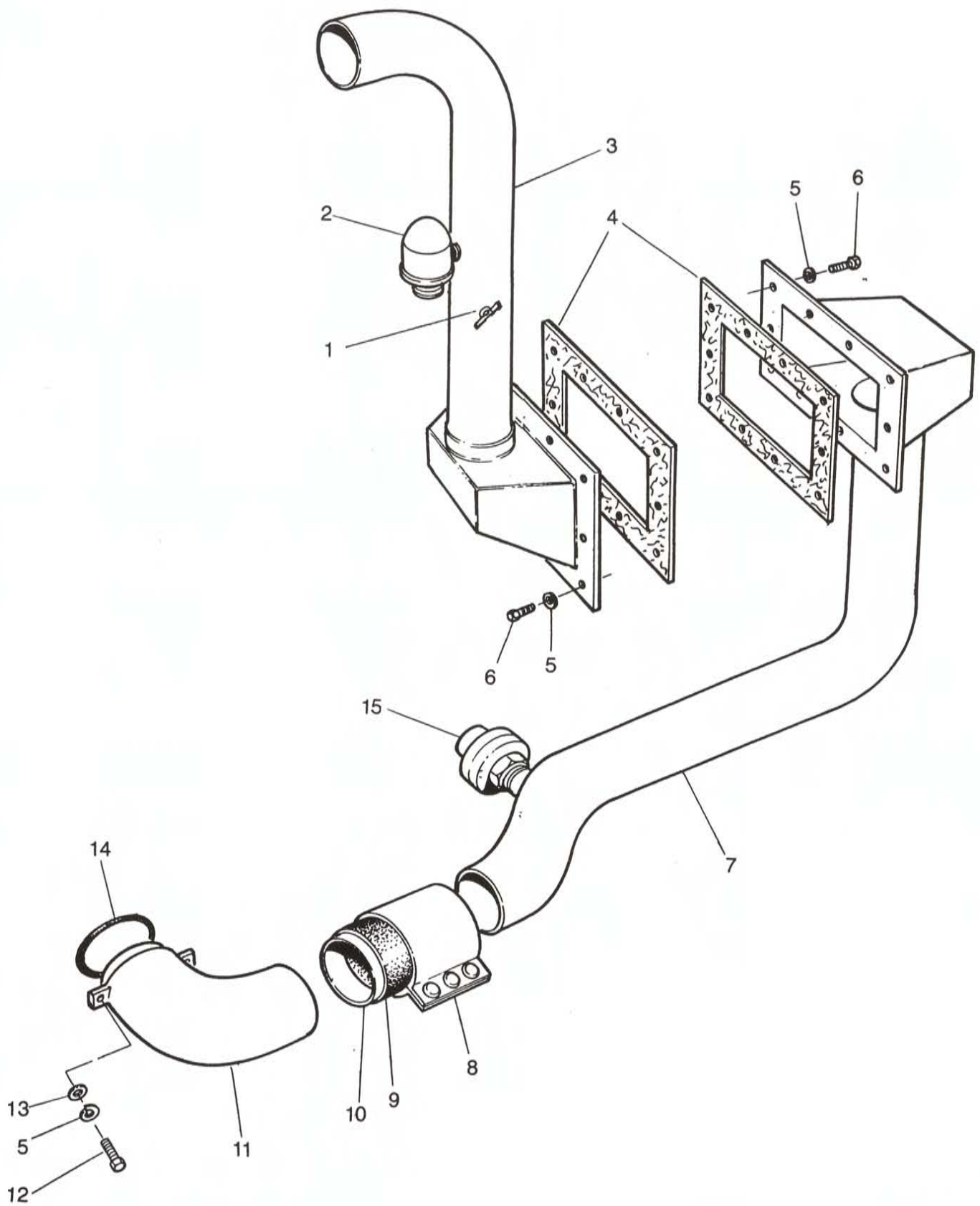
SECTION 8

BLOWER INTAKE WELDMENT	8.3
BLOWER GASKET	8.3
VACUUM RELIEF VALVE	8.3
COCK VALVE	8.3
RUBBER HOSE	8.3
HOSE CLAMPS	8.3
BLOWER OUTLET WELDMENT	8.3
PRESSURE RELIEF VALVE	8.3
3 - BOLT COMPRESSION CLAMP	8.3
COMPRESSION CLAMP STEEL LINER	8.3
COMPRESSION CLAMP GASKET	8.3
AIRLOCK INTAKE ELBOW	8.3
"O" - RING	8.3
AIRLOCK OUTLET	8.5
STEEL FLEX ELBOW	8.5



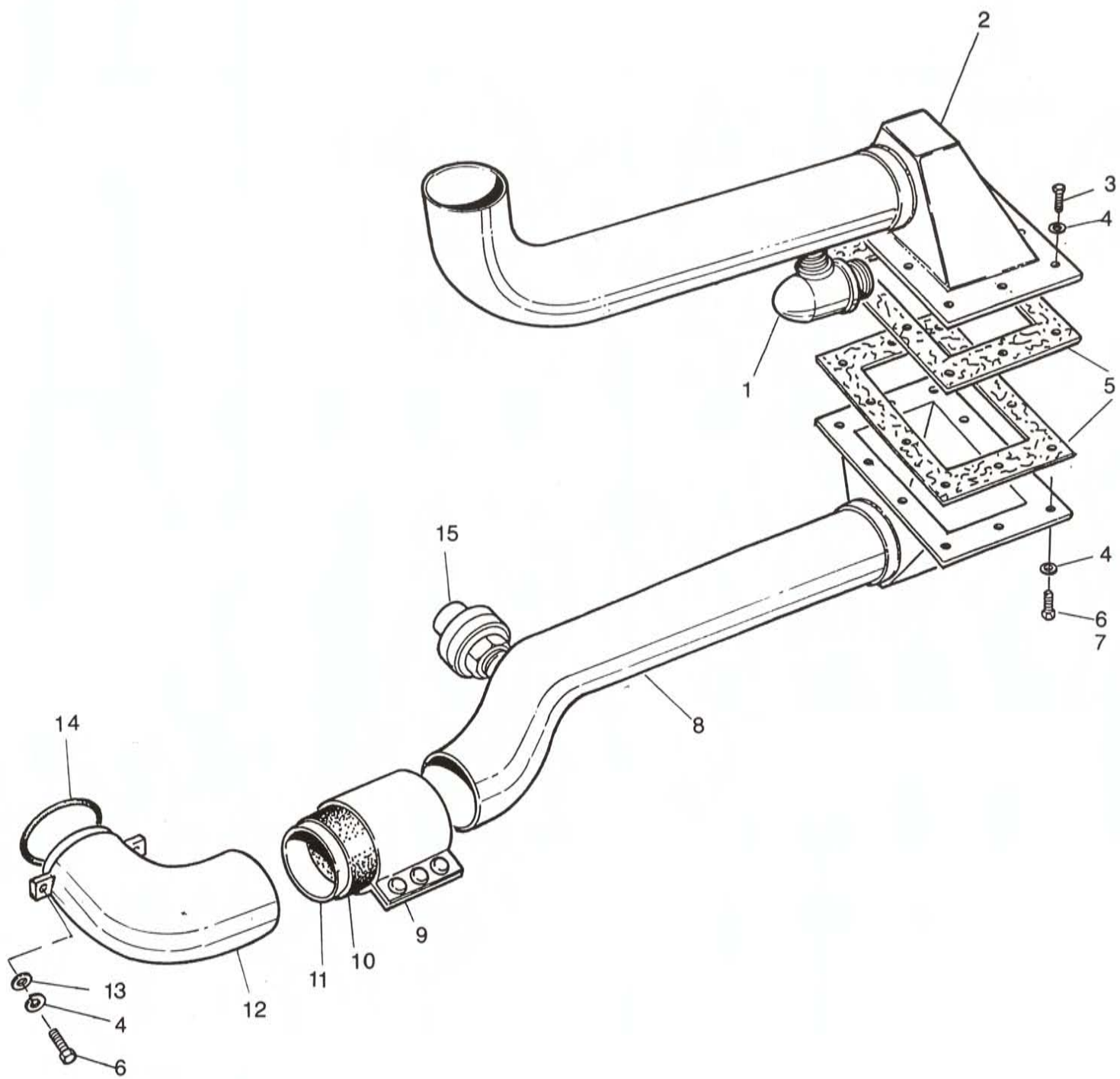
8. AIRLINES

ITEM	PART NO.	DESCRIPTION	2955	3955
1	26.014	Vacuum Relief Valve	1	1
2	22.045	Cock Valve 3/8"	1	1
3	45.045	Blower Intake Manifold	1	
3	45.076	Blower Intake Manifold		1
4	56.013	Machine Bolt 3/8"NC x 1"	10	
4	56.060	Machine Bolt 7/16"NC x 1"		10
5	56.036	Lock Washer 3/8"	22	2
5	56.062	Lock Washer 7/16"		20
6	64.016	Blower Gasket	3	
6	64.030	Blower Gasket		3
7	56.016	Machine Bolt 3/8"NC x 1 1/4"	3	2
8	56.017	Machine Bolt 3/8"NC x 1 1/2"	9	
8	56.061	Machine Bolt 7/16"NC x 1 1/2"		10
9	45.005	Blower Outlet Line	1	
9	45.082	Blower Outlet Line		1
10	26.008	Compression Coupling 3 Bolt	1	1
11	64.036	Compression Coupling Gasket	1	1
12	26.097	Compression Coupling Liner	1	1
13	45.044	Airlock Intake	1	1
14	56.035	Flat Washer 3/8"	2	2
15	20.013	O - Ring	1	1
16	26.013	Pressure Relief Valve	1	1



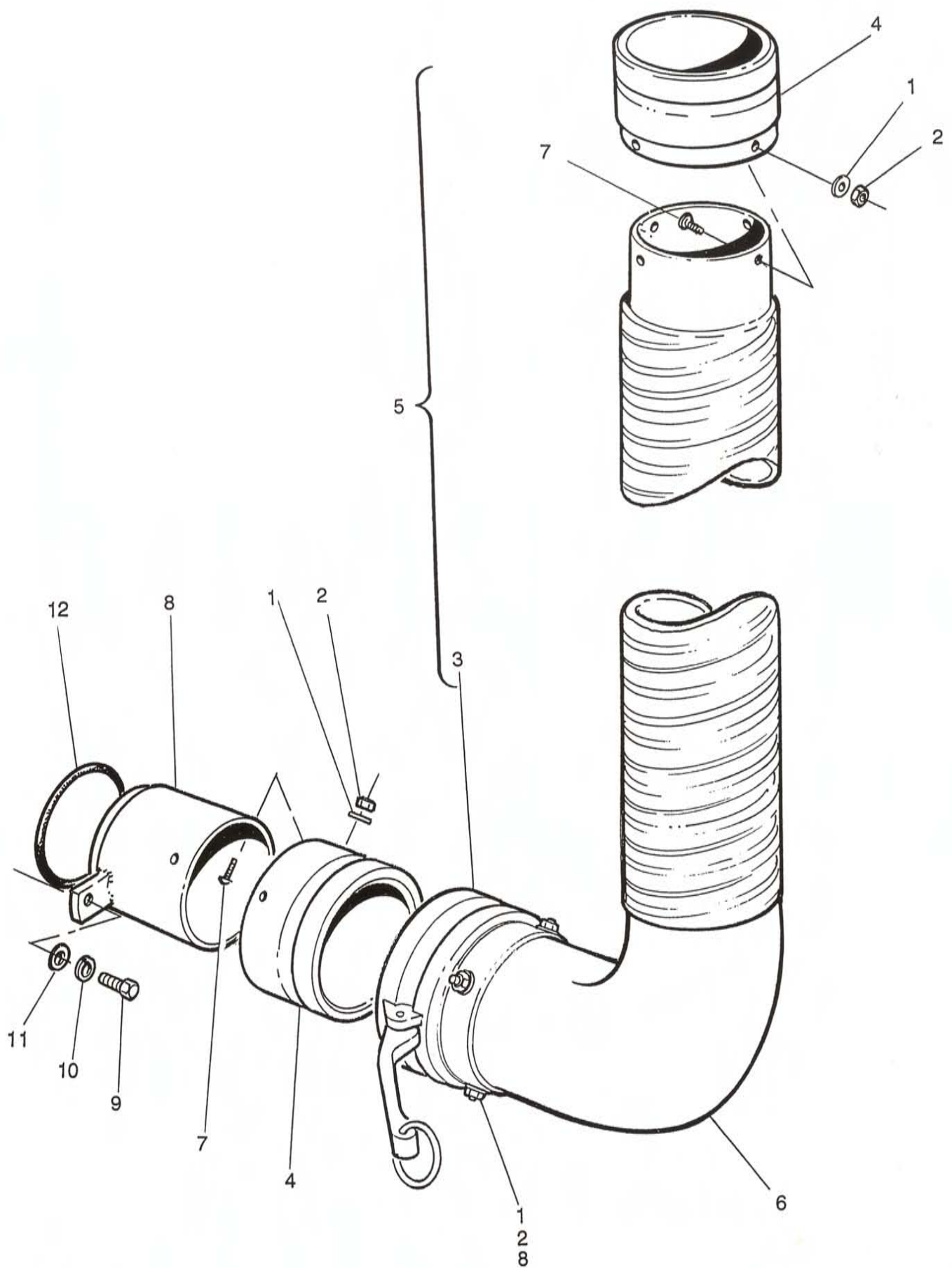
8. AIRLINES

ITEM	PART NO.	DESCRIPTION	1955
1	22.045	Cock Valve 3/8"	1
2	26.014	Vacuum Relief Valve	1
3	45.038	Blower Intake Manifold	1
4	64.021	Blower Gasket	2
5	56.036	Lock Washer 3/8"	18
6	56.013	Machine Bolt 3/8"NC x 1"	16
7	45.046	Blower Outlet Line	1
8	26.008	Compression Coupling 3 Bolt	1
9	64.036	Compression Coupling Gasket	1
10	26.097	Compression Coupling Liner	1
11	45.044	Airlock Intake	1
12	56.016	Machine Bolt 3/8"NC x 1 1/4"	2
13	56.035	Flat Washer 3/8"	2
14	20.013	O - Ring	1
15	26.013	Pressure Relief Valve	1



8. AIRLINES

ITEM	PART NO.	DESCRIPTION	2955 - IF	3955 - IF
1	26.014	Vacuum Relief Valve	1	1
2	45.050	Blower Intake Manifold	1	
2	45.079	Blower Intake Manifold		1
3	56.013	Machine Bolt 3/8"NC x 1"	10	
3	56.060	Machine Bolt 7/16"NC x 1"		10
4	56.036	Lock Washer 3/8"	22	2
4	56.062	Lock Washer 7/16"		20
5	64.016	Blower Gasket	3	
5	64.030	Blower Gasket		3
6	56.016	Machine Bolt 3/8"NC x 1 1/4"	3	2
7	56.017	Machine Bolt 3/8"NC x 1 1/2"	9	
7	56.061	Machine Bolt 7/16"NC x 1 1/2"		10
8	45.005	Blower Outlet Line	1	
8	45.082	Blower Outlet Line		1
9	26.008	Compression Coupling 3 Bolt	1	1
10	64.036	Compression Coupling Gasket	1	1
11	26.097	Compression Coupling Liner	1	1
12	45.044	Airlock Intake	1	1
13	56.035	Flat Washer 3/8"	2	2
14	20.013	O - Ring	1	1
15	26.013	Pressure Relief Valve	1	1



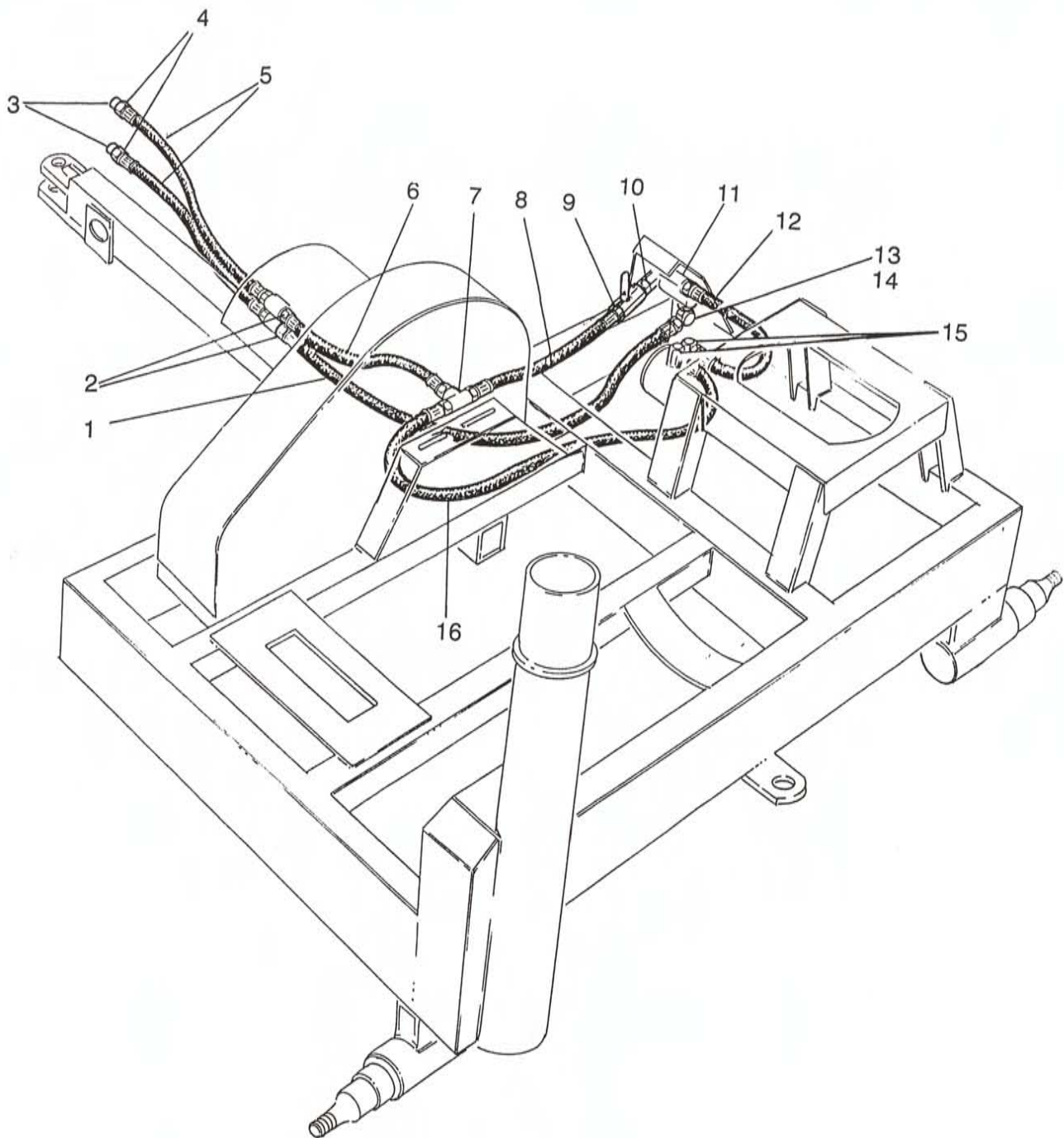
8. AIRLINES

ITEM	PART NO.	DESCRIPTION	1955	2955	3955
1	56.055	Flat Washer 1/4"	8	8	8
2	56.030	Lock Nut 1/4"NC	8	8	8
3	26.007	Female Coupler 5"	1	1	
3	26.052	Female Coupler 6"			1
4	26.006	Male Coupler 5"	1	1	
4	26.051	Male Coupler 6"			1
5	43.063	Steel Flex Elbow Assembly 5"	1	1	
5	43.075	Steel Flex Elbow Assembly 6"			1
6	43.064	Steel Flex Elbow Weldment 5"	1	1	
6	43.076	Steel Flex Weldment 6"			1
7	56.027	Carriage Bolt 1/4"NC x 3/4"	8	8	8
8	45.001	Airlock Outlet Weldment 5"	1	1	
8	45.040	Airlock Outlet Weldment			1
9	56.016	Machine Bolt 3/8"NC x 1 1/4"	2	2	2
10	56.036	Lock Washer 3/8"	2	2	2
11	56.035	Flat Washer 3/8"	2	2	2
12	20.013	O - Ring 5"	1	1	
12	20.015	O - Ring 6"			1

HYDRAULICS

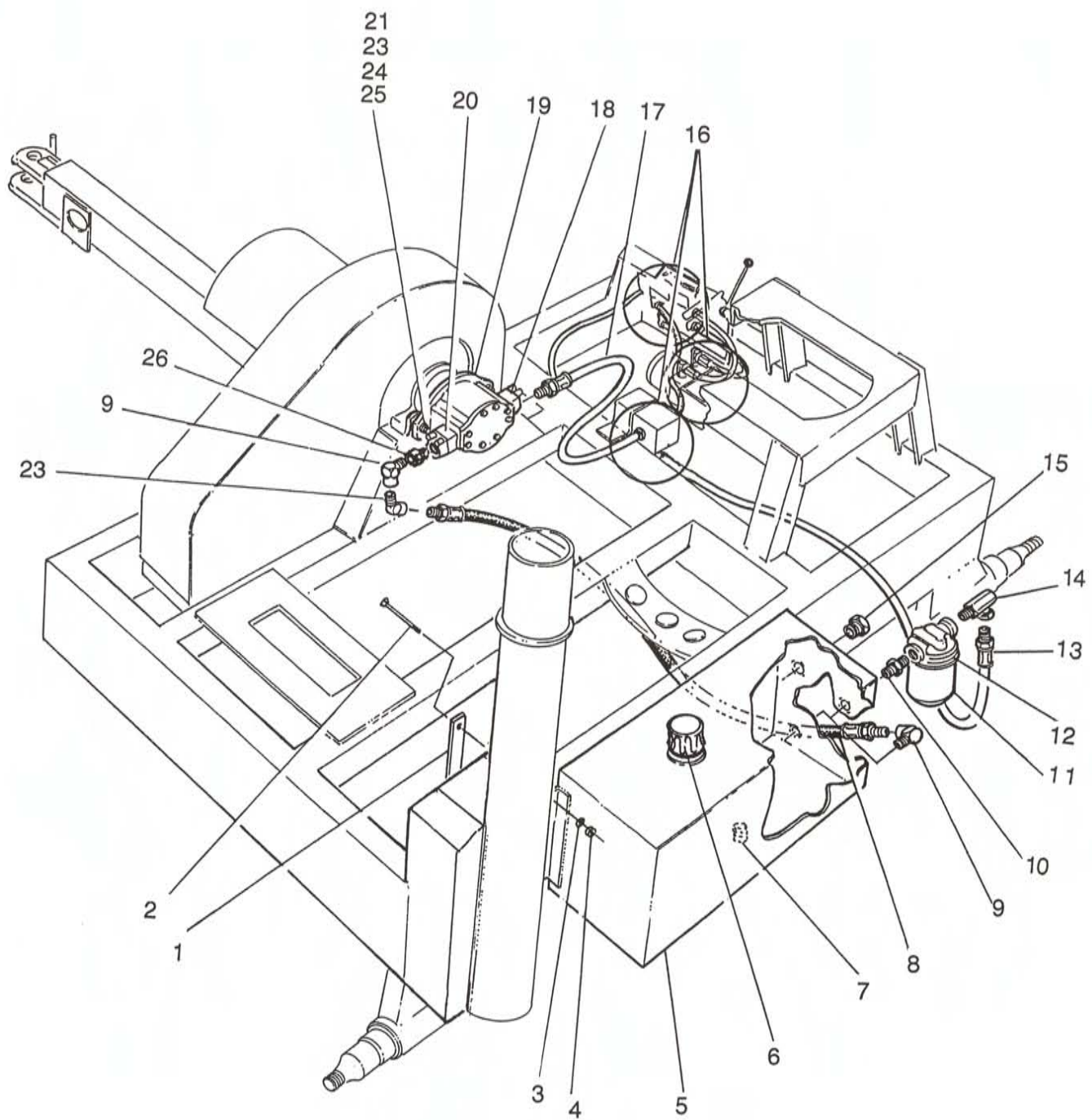
SECTION 9

HYDRAULIC HOSES TRACTOR	9.3
HYDRAULIC LINES FRAME	9.3
HYDRAULIC HOSES AIRLOCK MOTOR	9.3
SELF CONTAINED HYD FRAME	9.5
SELF CONTAINED HYD CONTROLS	9.7



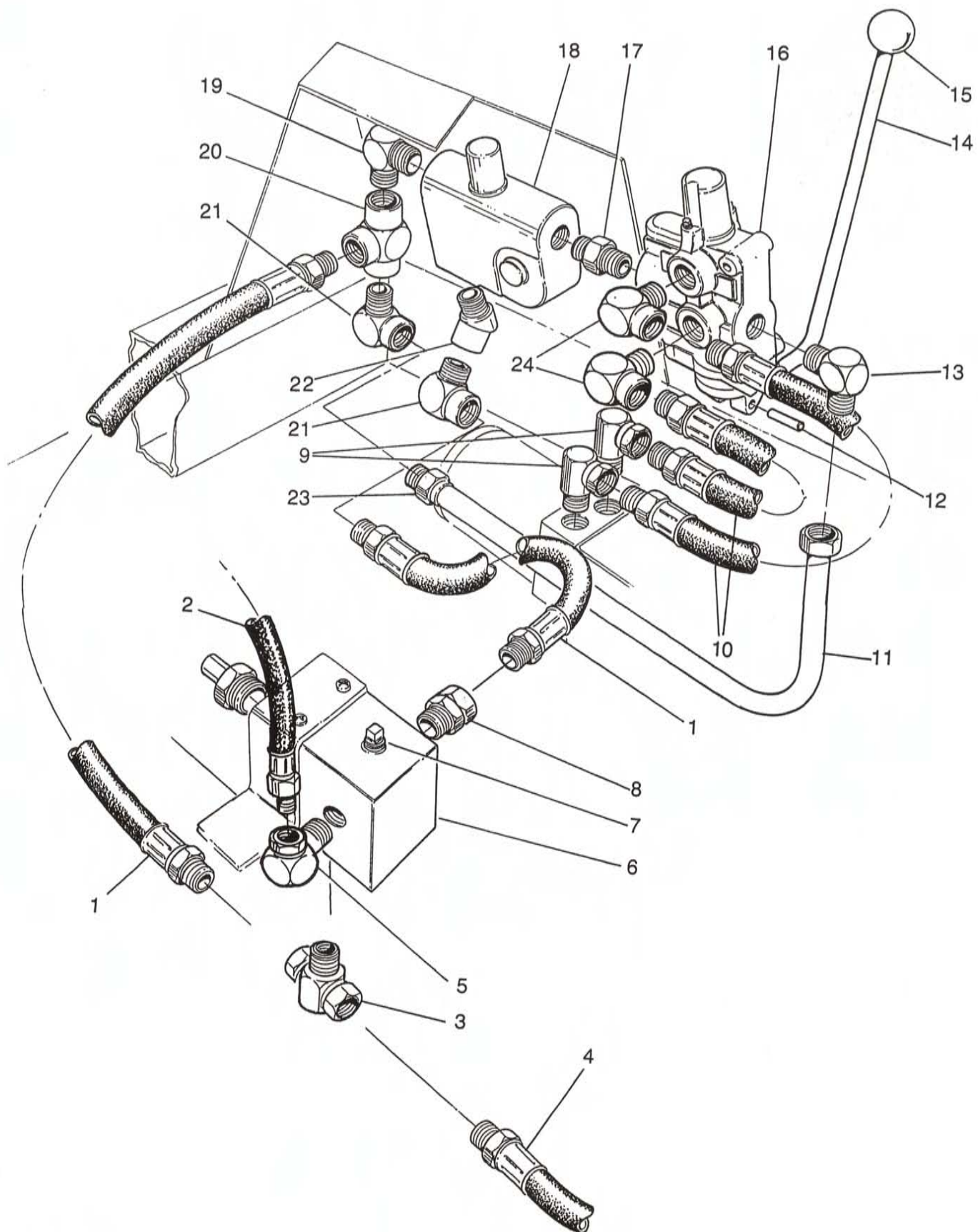
9. HYDRAULICS FRAME

ITEM	PART NO.	DESCRIPTION	1955	2955	3955
1	22.076	Hydraulic Hose 3/4" x 50"	1	1	1
2	22.082	Straight Swivel 3/4"	2	2	2
3	22.033	Dust Cap	2	2	2
4	22.028	Tip	2	2	2
5	22.021	Hydraulic Hose 3/4" x 72"	2	2	2
6	22.079	Hydraulic Hose 3/4" x 28"	1	1	1
7	22.081	Female Tee	1	1	1
8	22.078	Hydraulic Hose 3/4" x 11.5"	1	1	1
9	22.048	Ball Valve	1	1	1
10	22.063	Pipe Male to Swivel Female 90 Deg.	1	1	1
11	22.016	Flow Control Valve	1	1	1
12	22.077	Hydraulic Hose 3/4" x 21"	1	1	1
13	22.061	Street Elbow 3/4" 90 Deg.	1	1	1
14	22.031	Street Elbow 3/4" 45 Deg.	1	1	1
15	22.132	Swivel Female 90 deg.	2	2	2
16	22.023	Hydraulic Hose 3/4" x 26"	1	1	1



10. HYDRAULICS FRAME

ITEM	PART NO.	DESCRIPTION	1955	2955	3955
1	13.006	Flat Mount	2	2	2
2	56.054	Machine Bolt 1/2"NC x 3 1/2"	4	4	4
3	56.009	Flat Washer 1/2"	8	8	8
4	56.033	Lock Nut 1/2"NC	4	4	4
5	13.010	Oil Tank	1	1	1
6	22.066	Filler Breather	1	1	1
7	22.074	Drain Plug 1/2"	1	1	1
8	22.076	Hydraulic Hose 3/4" x 50"	1	1	1
9	22.061	Street Elbow 90 Deg.	2	2	2
10	22.029	Pipe Nipple 3/4"	1	1	1
11	22.105	Filter Element	1	1	1
12	22.067	Filter	1	1	1
13	22.085	Hydraulic Hose 3/4" x 40"	1	1	1
14	22.063	Pipe Male to Swivel Female 90 Deg.	1	1	1
15	22.119	Sight Glass 3/4"	1	1	1
16	Ref.	See Page 10.6 A			
17	22.079	Hydraulic Hose 3/4" x 28"	1	1	1
18	22.050	Port Connector 3/4"	1	1	1
19	22.049	Hydraulic Pump	1	1	1
20	29.026	Hinge Pin	1	1	1
21	11.218	Pump Support Angle	2	2	2
22	56.025	Machine Bolt 1/2"NC x 1 1/2"	2	2	2
23	22.072	Pipe Male to Swivel Female 45 Deg.	1	1	1
24	56.037	Lock Washer 1/2"	2	2	2
25	56.003	Jam Nut 1/2"NC	2	2	2
26	22.125	Reducer Bushing	1	1	1



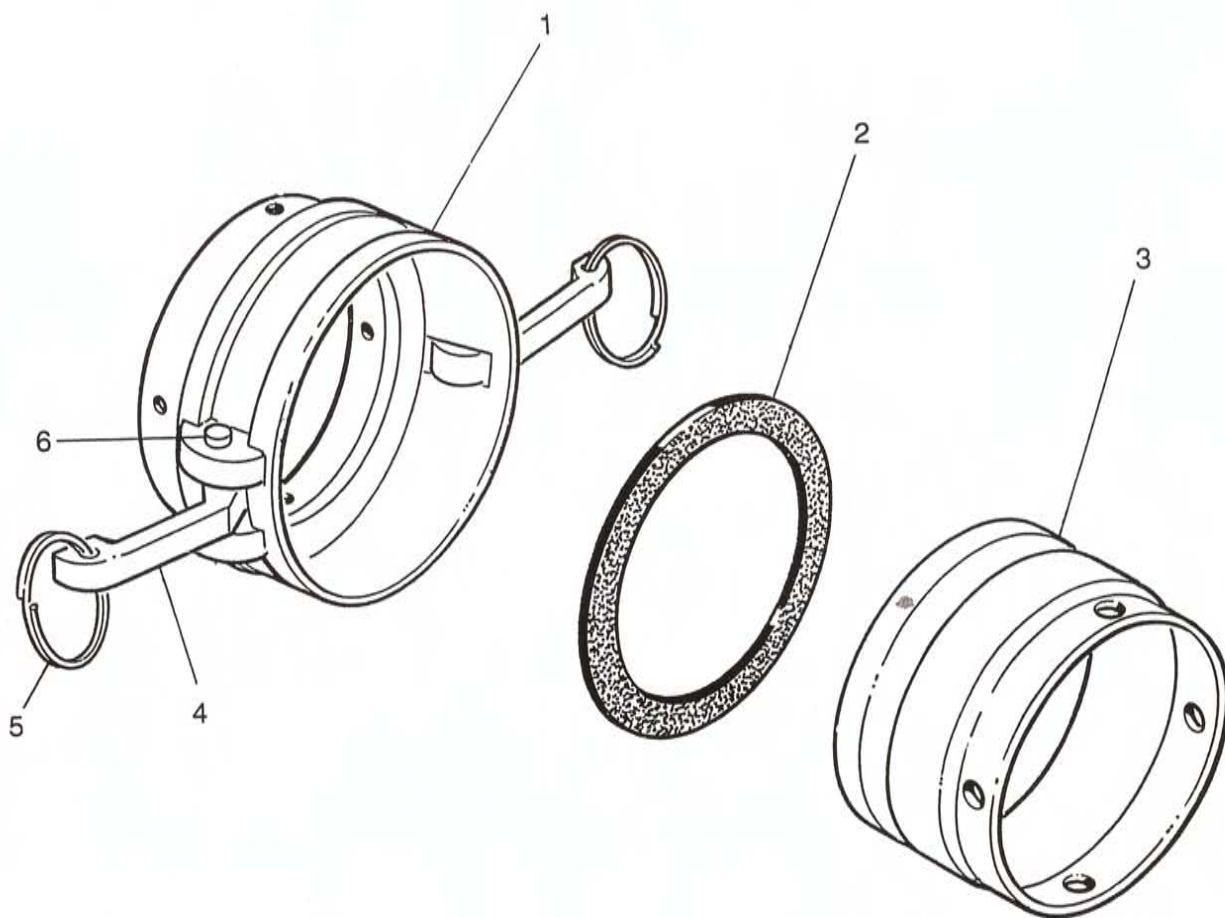
10. HYDRAULICS FRAME

ITEM	PART NO.	DESCRIPTION	1955	2955	3955
1	22.079	Hydraulic Hose 3/4" x 28"	2	2	2
2	Ref.	See Page 10.5 A			
3	22.075	Pipe Male to Swivel Female Tee	1	1	1
4	Ref.	See Page 10.5 A			
5	22.063	Pipe Male to Swivel Female 90 Deg.	1	1	1
6	22.068	Pressure Relief Valve	1	1	1
7	22.046	Plug 1/4"	2	2	2
8	22.082	Straight Swivel 3/4"	1	1	1
9	22.132	Swivel Female 90 Deg.	2	2	2
10	22.109	Hydraulic Hose 1/2" x 16"	2	2	2
11	22.009	Hydraulic Line	1	1	1
12	22.038	Adaptor Male 3/4" NPT 90 Deg.	1	1	1
13	22.167	Pin Handle Control Valve	1	1	1
14	22.166	Handle Control Valve	1	1	1
15	22.165	Knob Handle	1	1	1
16	22.018	Control Valve Boom	1	1	1
17	22.029	Pipe Nipple 3/4"	1	1	1
18	22.016	Flow Control Valve	1	1	1
19	22.124	Pipe Elbow 90 Deg.	1	1	1
20	22.081	Female Pipe Tee 3/4"	1	1	1
21	22.061	Street Elbow 3/4" 90 Deg.	2	2	2
22	22.031	Street Elbow 3/4" 45 Deg.	1	1	1
23	22.032	Male Flareless Connector	1	1	1
24	22.062	Street Elbow 1/2" 90 Deg.	2	2	2

ACCESSORIES

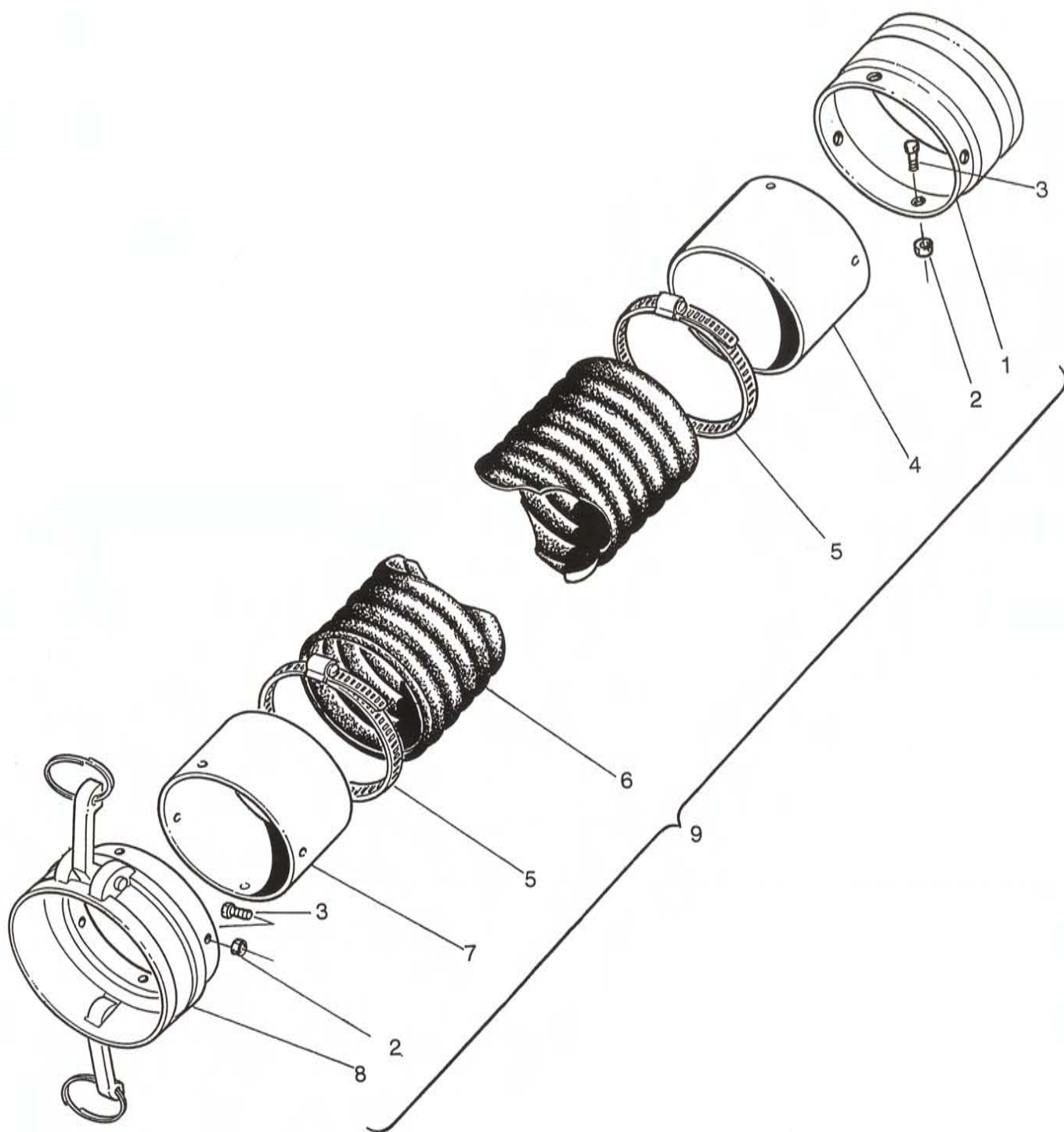
SECTION 10

FEMALE COUPLER	10.3
COUPLER GASKET	10.3
MALE COUPLER	10.3
POLY HOSE ASSEMBLY	10.5
POLY HOSE	10.5
HOSE ENDS	10.5
COUPLERS	10.5
CLEAN-UP NOZZLE ASSEMBLY	10.7
CLEAN -UP NOZZLE ROTARY	10.7
ALUMINUM TUBE SLOTTED	10.7
AIR SLIDE	10.7
SEAL CLAMP	10.7
INTAKE NOZZLE FLARE	10.7
INTAKE NOZZLE CLIPS	10.7
INTAKE NOZZLE WHEELS	10.7
FULL BIN NOZZLE	10.9
COUPLER	10.9
AIRSLIDE	10.9
STEEL FLEX HOSE ASSEMBLY	10.11
COUPLERS	10.11



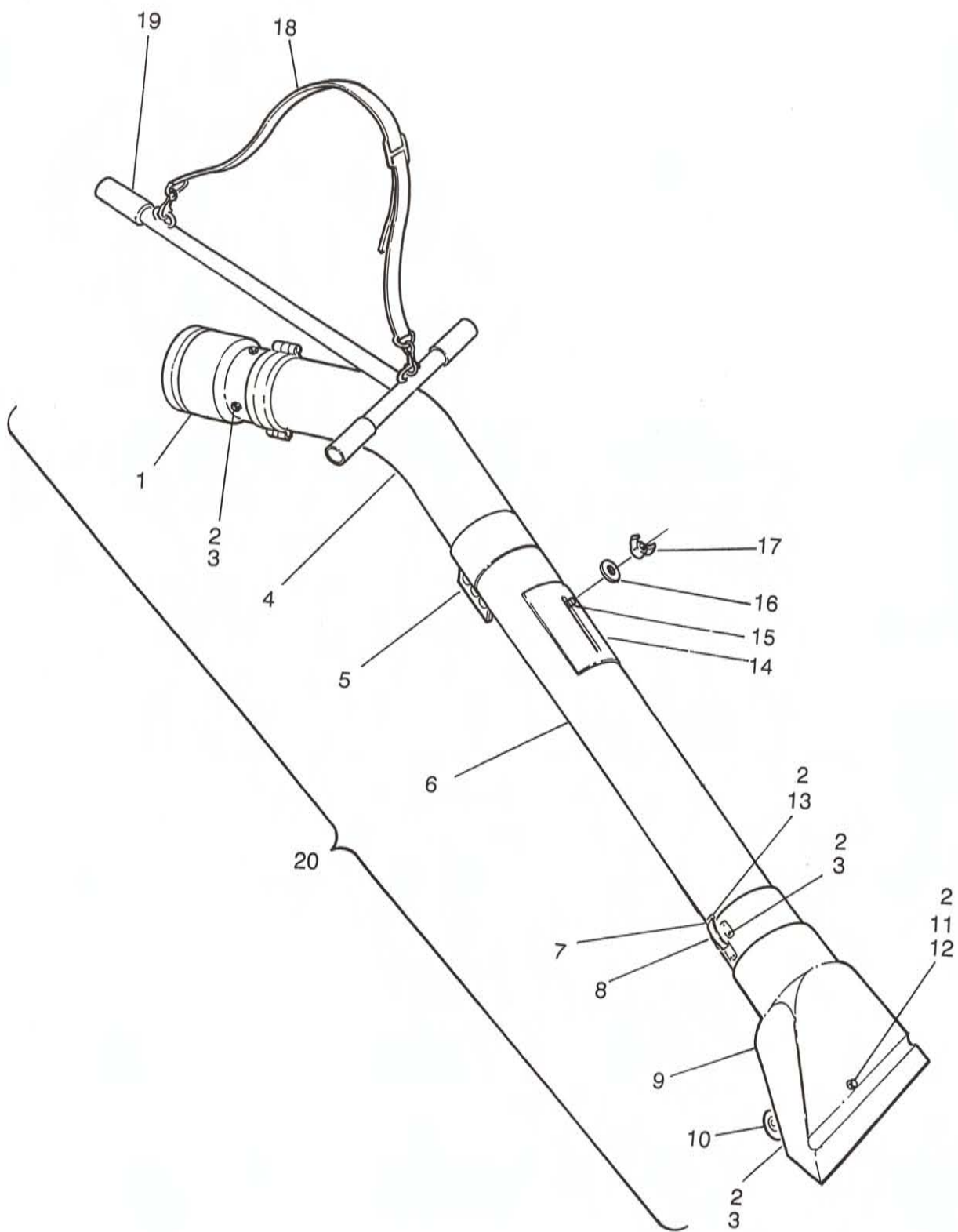
10. COUPLER

ITEM	PART NO.	DESCRIPTION	4"	5"	6"
1	26.005	Female Coupler 4"	1		
1	26.007	Female Coupler 5"		1	
1	26.052	Female Coupler 6"			1
2	64.027	Coupler Gasket 4"	1		
2	64.028	Coupler Gasket 5"		1	
2	64.029	Coupler Gasket 6"			1
3	26.004	Male Coupler 4"	1		
3	26.006	Male Coupler 5"		1	
3	26.051	Male Coupler 6"			1
4	26.083	Cam Lever 4", 5"	2	2	
4	26.086	Cam Lever 6"			2
5	26.085	Finger Ring	2	2	2
6	26.058	Pin Cam Lever 4", 5"	2	2	
6	26.059	Pin Cam Lever 6"			2



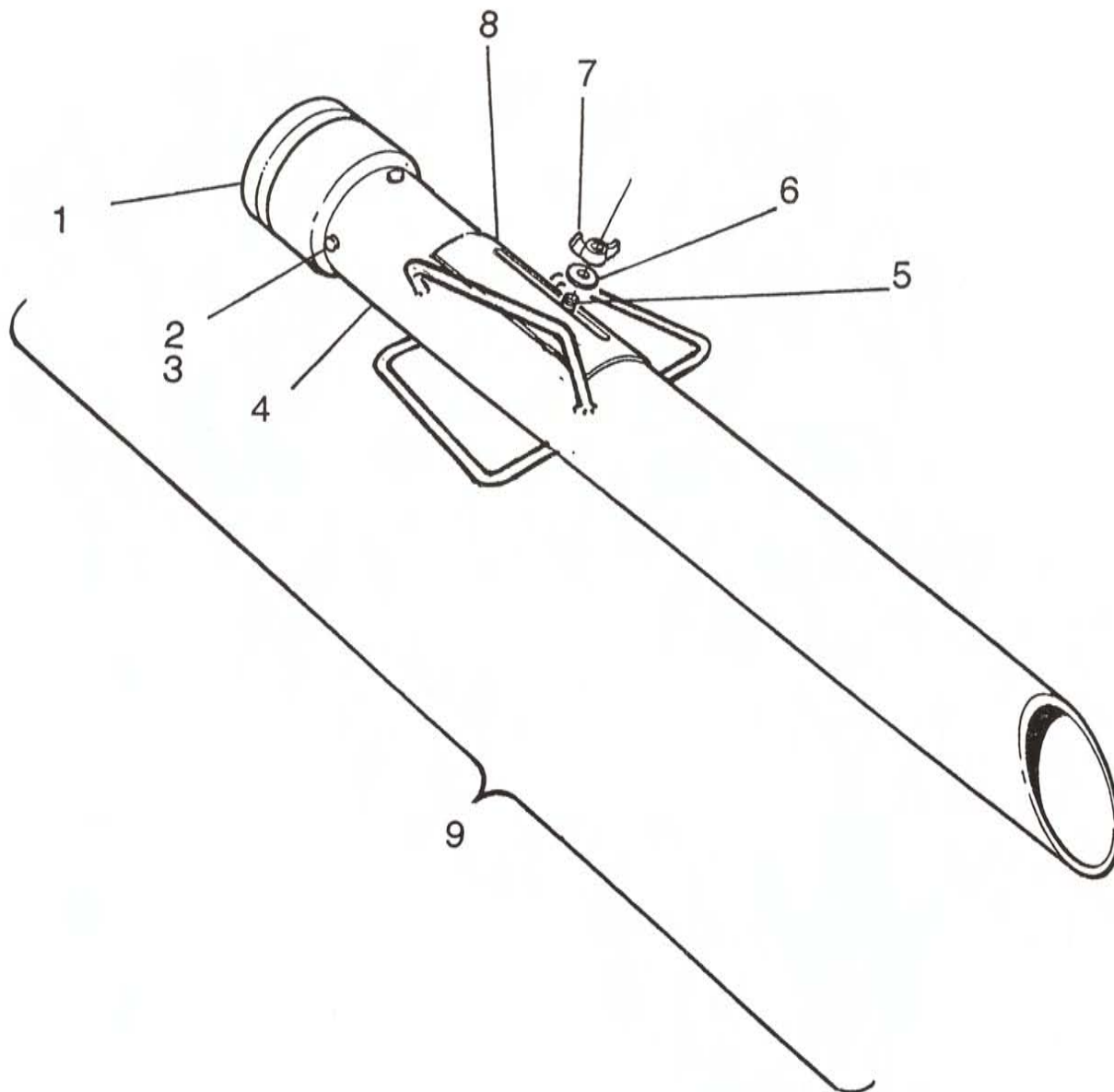
10. CLEAN UP HOSE

ITEM	PART NO.	DESCRIPTION	4"	5"	6"
1	26.006	Male Coupler 5"	1	1	
1	26.051	Male Coupler 6"			1
2	56.030	Lock Nut 1/4"NC	8	8	8
3	56.027	Carriage Bolt 1/4"NC x 3/4"	8	8	8
4	26.028	Reducer 5" - 4"	1		
4	43.029	Tubing 5"		1	
4	26.044	Reducer 6" - 5"			1
5	26.012	Gear Clamp 4"	2		
5	26.042	T-Bolt Hose Clamp 5"		2	2
6	43.071	Poly Hose 4" - 14'	1		
6	43.078	Poly Hose 5" - 14'		1	1
7	43.035	Tubing 4"	1		
7	43.029	Tubing 5"		1	1
8	26.005	Female Coupler 4"	1		
8	26.007	Female Coupler 5"		1	1
9	43.034	Poly Hose Assembly 4"	1		
9	43.079	Poly Hose Assembly 5"		1	
9	43.056	Poly Hose Assembly 6"			1



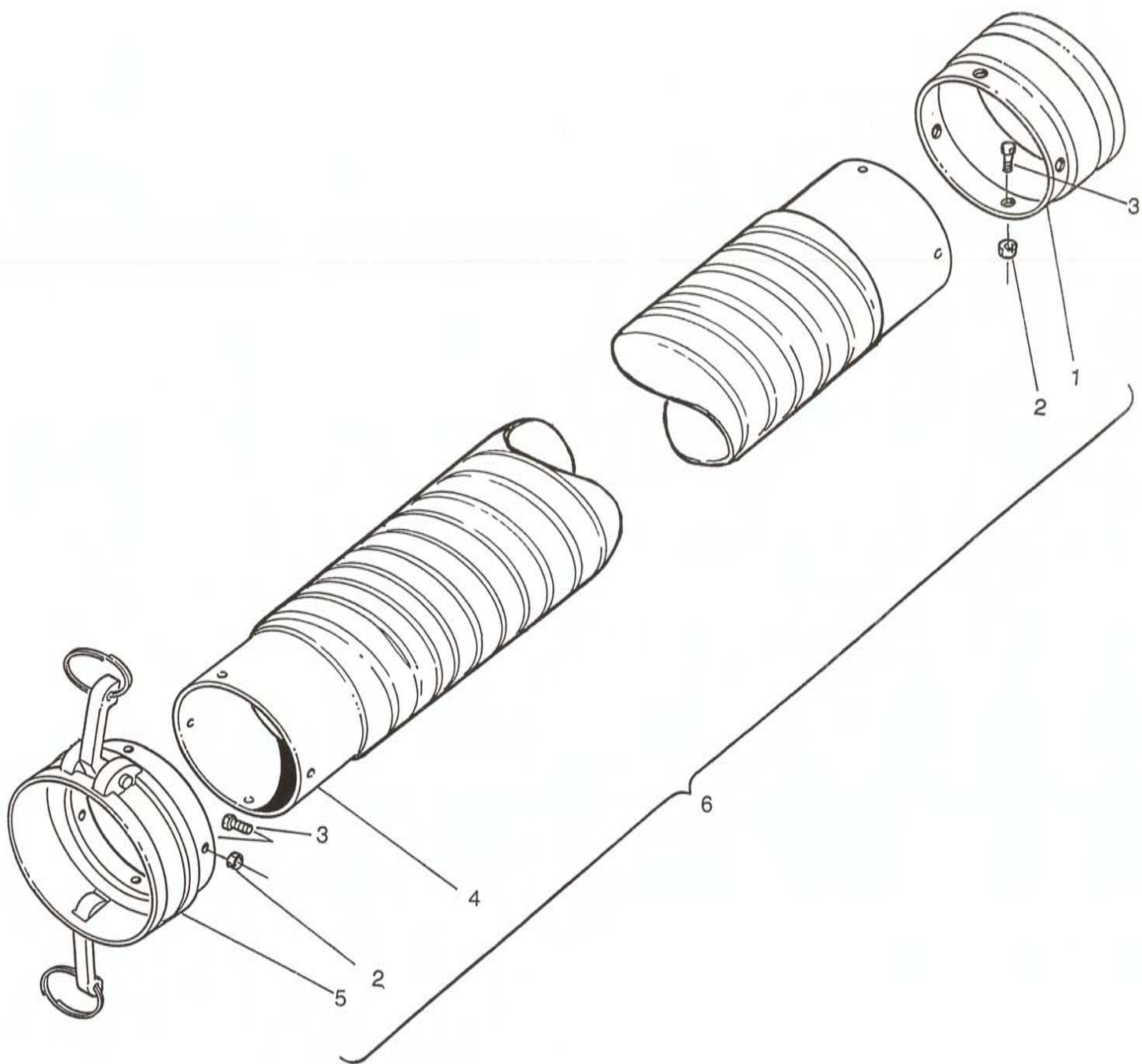
10. CLEAN UP NOZZLE

ITEM	PART NO.	DESCRIPTION	4"	5"
1	26.004	Male Coupler 4"	1	
1	26.006	Male Coupler 5"		1
2	56.030	Lock Nut 1/4"NC	17	17
3	56.027	Carriage Bolt 1/4"NC x 3/4"	12	12
4	43.024	Top Elbow Assembly 4"	1	
4	43.025	Top Elbow Assembly 5"		1
5	26.010	Seal Clamp 4"	1	
5	26.011	Seal Clamp 5"		1
6	43.037	Aluminum Tubing 4"	1	
6	43.031	Aluminum Tubing 5"		1
7	60.003	Strike	2	2
8	60.002	Hood Fastener	2	2
9	43.041	Intake Flare 4"	1	
9	43.001	Intake Flare 5"		1
10	60.009	Wheel	2	2
11	56.066	Machine Bolt 1/4"NC x 3"	1	1
12	43.060	Spacer Pipe	1	1
13	56.048	Carriage Bolt 1/4"NC x 1/2"	4	4
14	43.038	Top Slide 4"	1	
14	43.003	Top Slide 5"		1
15	43.039	Bottom Slide 4"	1	
15	43.004	Bottom Slide 5"		1
16	56.035	Flat Washer 3/8"	1	1
17	56.007	Wing Nut 3/8"NC	1	1
18	60.021	Shoulder Strap	1	1
19	60.008	Handle Grip	3	3
20	43.036	Clean Up Nozzle Assembly 4"		
20	43.030	Clean Up Nozzle Assembly 5"		



10. FULL BIN NOZZLE

ITEM	PART NO.	DESCRIPTION	5"	6"
1	26.006	Male Coupler 5"	1	
1	26.051	Male Coupler 6"		1
2	56.030	Lock Nut 1/4"NC	4	4
3	56.027	Carriage Bolt 1/4"NC x 3/4"	4	4
4	43.043	Bin Nozzle 5"	1	
4	43.052	Bin Nozzle 6"		1
5	43.004	Bottom Slide 5"	1	
5	43.066	Bottom Slide 6"		1
6	56.037	Flat Washer 3/8"	1	1
7	56.007	Wing Nut 3/8"NC	1	1
8	43.003	Top Slide 5"	1	
8	43.054	Top Slide 6"		1
9	43.042	Bin Nozzle Assembly 5"		
9	43.051	Bin Nozzle Assembly 6"		



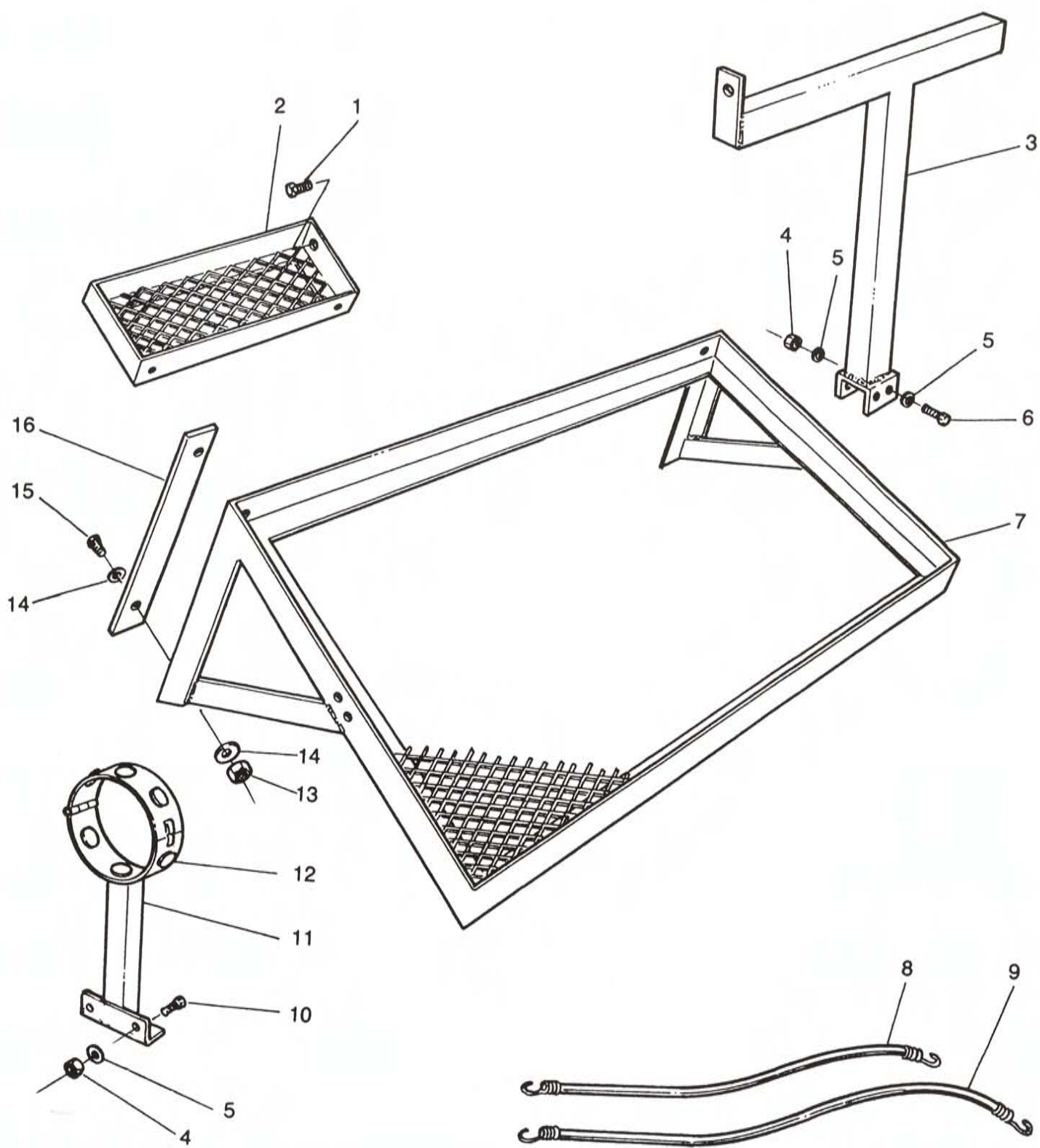
10. STEEL FLEX HOSE

ITEM	PART NO.	DESCRIPTION	5"	6"
1	26.006	Male Coupler 5"	1	
1	26.051	Male Coupler 6"		1
2	56.030	Lock Nut 1/4"NC	8	8
3	56.027	Carriage Bolt 1/4"NC x 3/4"	8	8
4	43.033	Steel Flex Hose Weldment 5"	1	
4	43.048	Steel Flex Hose Weldment 6"		1
5	26.007	Female Coupler 5"	1	
5	26.052	Female Coupler 6"		1
6	43.032	Steel Flex Hose Assembly 5"		
6	43.047	Steel Flex Hose Assembly 6"		

ACCESSORY CARRIER

SECTION 11

ACCESSORY CARRIER FRONT	11.3
ACCESSORY CARRIER CENTER	11.3
ACCESSORY CARRIER REAR	11.3
FLAT MOUNT CARRIER REAR	11.3
BOOM SUPPORT	11.3
TARP STRAPS	11.3



11. ACCESSORY CARRIER

ITEM	PART NO.	DESCRIPTION	1955	2955	3955
1	56.012	Self Tap Bolt 3/8"NC x 3/4"	3	3	3
2	11.165	Accessory Carrier Front	1	1	1
3	11.160	Accessory Carrier Centre	1	1	1
4	56.031	Lock Nut 3/8"NC	4	4	4
5	56.035	Flat Washer 3/8"	6	6	6
6	56.070	Machine Bolt 3/8"NC x 3"	2	2	2
7	11.152	Accessory Carrier Rear	1	1	1
8	60.027	Tarp Strap L = 20"	1	1	1
9	60.026	Tarp Strap L = 28"	2	2	2
10	56.013	Machine Bolt 3/8"NC x 1"	2	2	2
11	11.145	Boom Seat 5"	1		
11	11.146	Boom Seat 6"		1	1
12	64.031	Rubber Button	5	5	5
13	56.033	Lock Nut 1/2"NC	4	4	4
14	56.009	Flat Washer 1/2"	8	8	8
15	56.054	Machine Bolt 1/2"NC x 3 1/2"	4	4	4
16	13.006	Flat Mount	2	2	2

VANA INDUSTRIES LTD.

WINNIPEG, MANITOBA, CANADA