

Rhino[®] SD2/SD3 Interconnect Hose Modules

Description

See Figure 1. The Rhino SD2/SD3 Interconnect Hose Modules are designed for use on small and large bulk unloader frames configured with 5-, 30-, and 55-gallon follower plates. Modules are also available for bulk unloaders configured with the depressurization option. Each module consists of hoses, connectors, and the hardware necessary to connect the pneumatic control components from the bulk unloader control module to the pump and follower plate. The modules are available with fire resistant woven fiber covered hose or black hose.

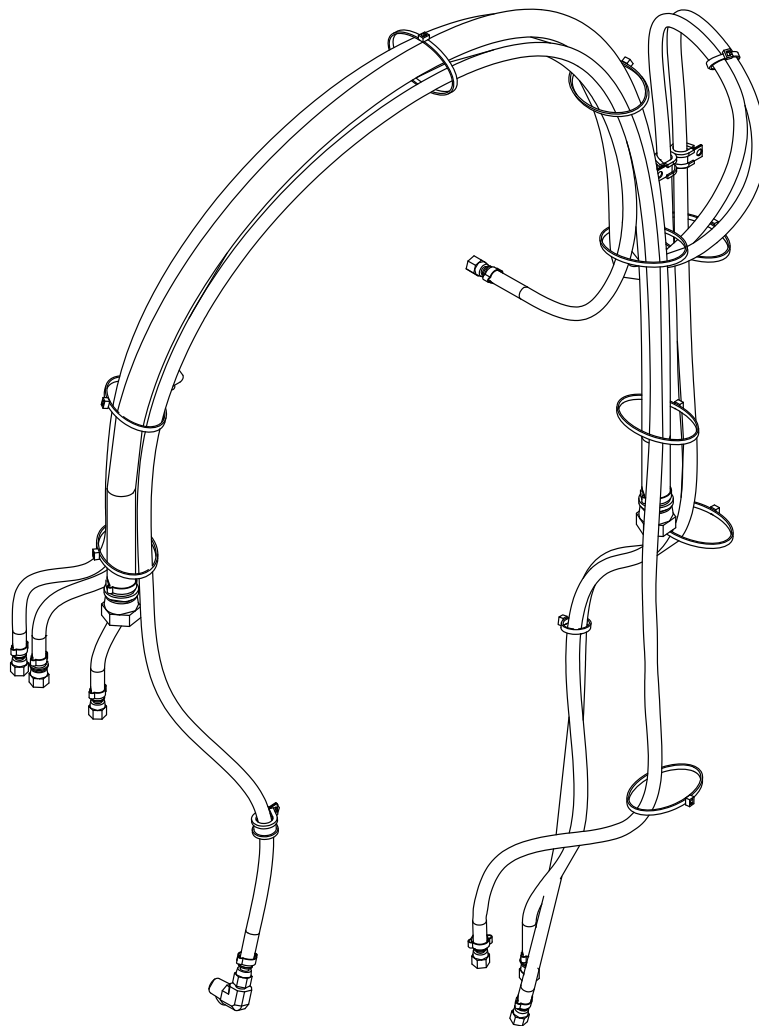


Figure 1 Typical Interconnect Hose Module

Parts

To order parts, call the Nordson Customer Service Center
or a local Nordson representative.

5/30-Gallon Large Frame Hose Module

See Figure 2 and the following parts list.

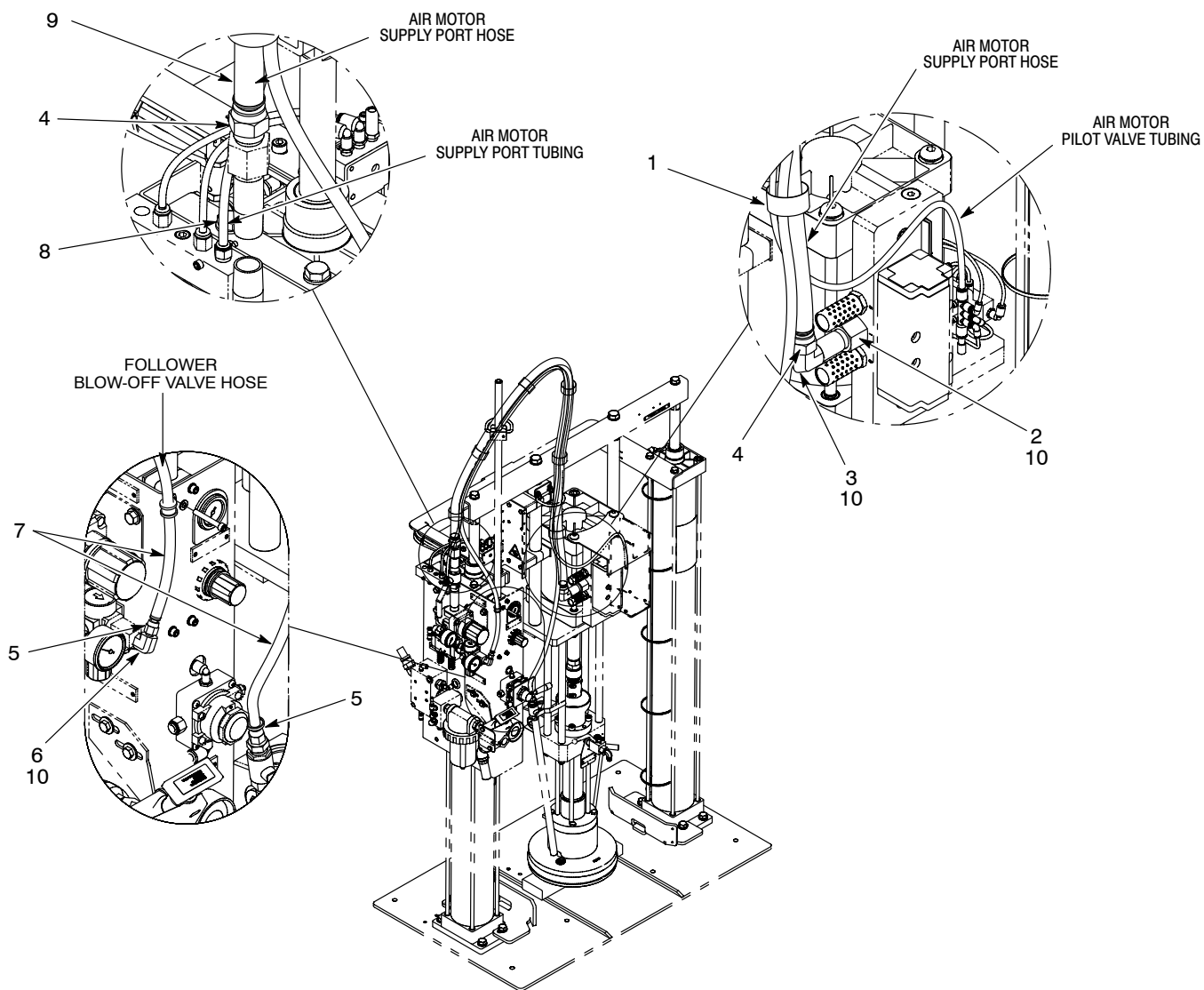


Figure 2 5/30-Gallon Large Frame Hybrid Hose Module

Item	Part	Description	Quantity	Note
—	1613127	LARGE FRAME, 5/30-gallon, Velcro Hybrid, SD3	1	
1	-----	• STRAP, Velcro, 1-wrap, 1-in. wide, black	8 ft	
2	-----	• PIPE FITTING, adapter, female, $\frac{3}{4}$ NPT x R $\frac{3}{4}$	1	A
3	1612506	• ELBOW, male, 37°, $1\frac{1}{16}$, x $\frac{3}{4}$ NPT, extra long, zinc	1	A
4	124795	• FITTING, hose, $\frac{3}{4}$ barbed, x $1\frac{1}{16}$	1	
5	329830	• CONNECTOR, female, $\frac{1}{4}$ hose, , $\frac{1}{2}$ -20 barbed	2	
6	1045604	• ELL, male, 37°, $\frac{1}{2}$ -20 x $\frac{3}{8}$ NPT, steel, zinc	1	A
7	-----	• HOSE, -4, low pressure, synthetic, fiber braid, M4 series, black	8.2 ft	
8	1606745	• TUBING, 5/16 OD, Nylon, flame resistant, blue	2 ft	
9	-----	• HOSE, -12, low pressure, synthetic, fiber braid, M4 series, black	4.8 ft	
10	900481	• ADHESIVE, pipe thread	AR	
NOTE A: Only apply item 10 onto the NPT threads.				
AR: As Required				

5/30-Gallon Depressurization Large Frame Black Hose Module

See Figure 3 and the following parts list.

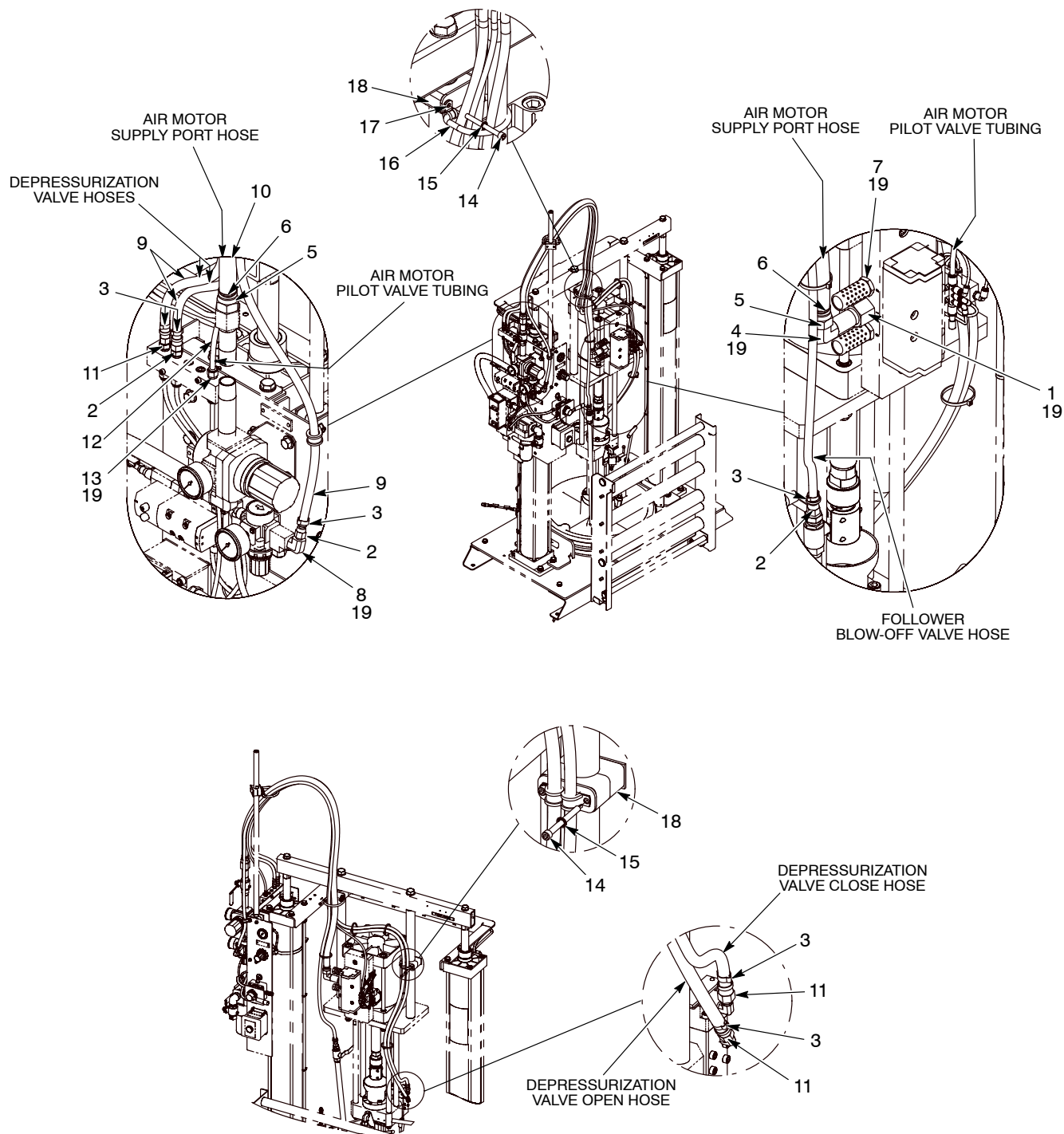


Figure 3 5/30-Gallon Large Frame Depressurization Black Hose Module

Item	Part	Description	Quantity	Note
—	1612479	HOSE, black, large frame, depressurization, 5/30-gallon, Hybrid	1	
1	— — — — —	• PIPE FITTING, adapter, female, $\frac{3}{4}$ NPT x R $\frac{3}{4}$	1	A
2	329830	• CONNECTOR, female, $\frac{1}{4}$ hose, $\frac{1}{2}$ -20 barbed	2	
3	1004375	• CLAMP, hose, $\frac{9}{16}$ in., crimp, double-ear	6	
4	1612506	• ELBOW, male, 37°, $1\frac{1}{16}$, x $\frac{3}{4}$ NPT, extra long, zinc	1	A
5	124795	• FITTING, hose, $\frac{3}{4}$ barbed, x $1\frac{1}{16}$	2	
6	1004377	• CLAMP, hose, 1.25 in., crimp, double-ear	2	
7	1612188	• MUFFLER, pneumatic, R $\frac{3}{4}$, zinc	2	
8	1045604	• ELL, male, 37°, $\frac{1}{2}$ -20 x $\frac{3}{8}$ NPT, steel, zinc	1	A
9	805652	• HOSE, -4, low pressure, synthetic, fiber braid, M2 series, black	37.5 ft	
10	124792	• HOSE, -12, low pressure, synthetic, fiber braid, M2 series, black	4.8 ft	
11	329829	• CONNECTOR, female, $\frac{1}{4}$ hose, $\frac{7}{16}$ -20 barbed	2	
12	1610260	• TUBE, 8 mm OD, Polyurethane, fire resistant, black	5 ft	
13	334873	• CONNECTOR, male, $\frac{5}{16}$ tube x $\frac{1}{4}$ NPT	1	
14	981647	• SCREW, socket, $\frac{1}{4}$ -20 x 2.500 in., zinc, Grade 8 per ISO 4762	4	
15	983141	• WASHER, lock, $\frac{1}{4}$, steel, zinc, DIN 127	4	
16	— — — — —	• D-RING, stainless steel, $\frac{5}{16}$ in. x $2\frac{3}{4}$ in.	1	
17	— — — — —	• CLAMP, hose, 0.31 in. OD, cushion	2	
18	282785	• CLAMPS, $1\frac{1}{2}$ ID	2	
19	900481	• ADHESIVE, pipe thread	AR	
NOTE A: Only apply item 19 onto the NPT threads.				
AR: As Required				

Large Frame Mini-Tote Fire Resistant Hose Module

See Figure 4 and the following parts list.

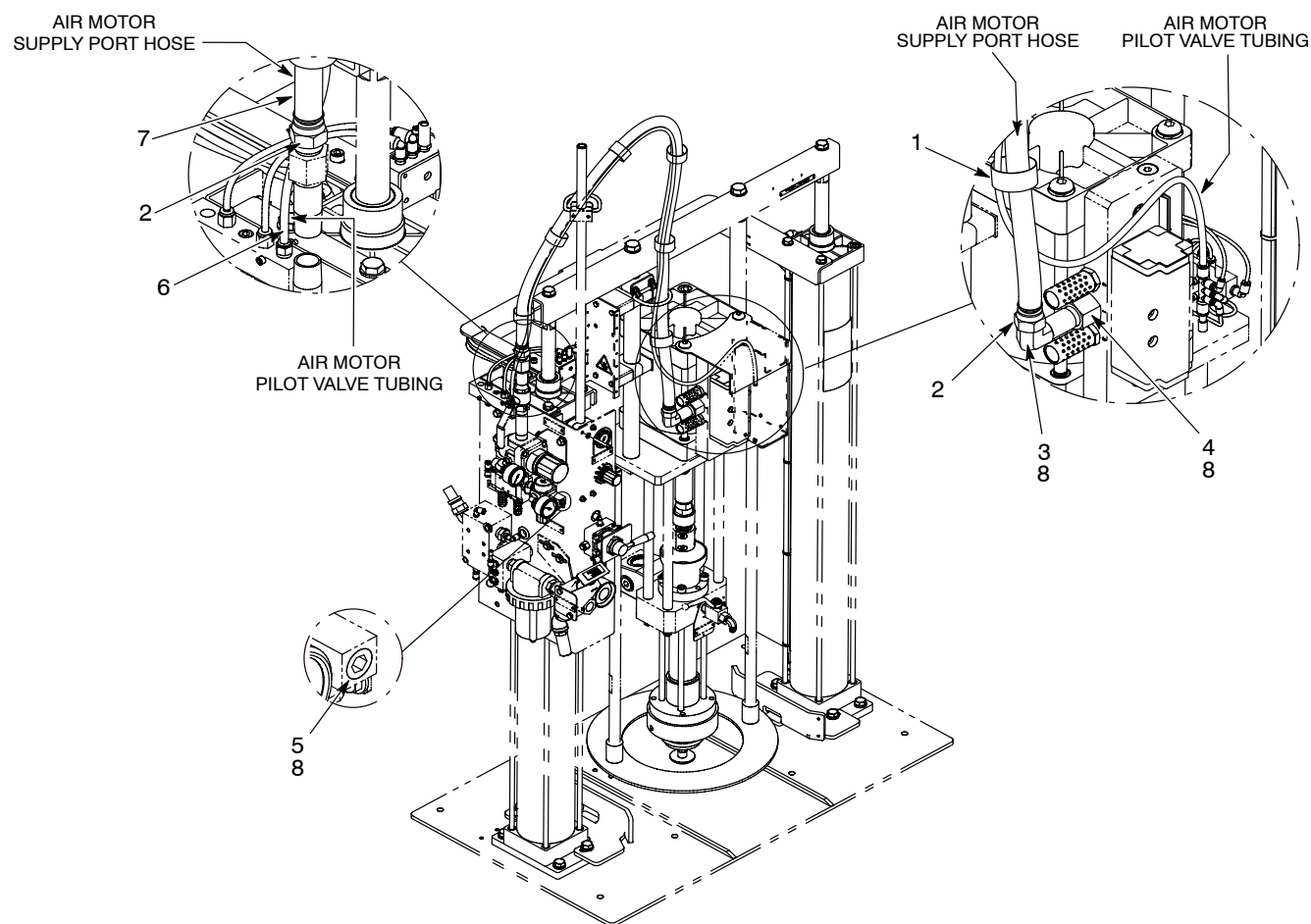


Figure 4 Large Frame Mini-Tote Fire Resistant Hose Module

Item	Part	Description	Quantity	Note
—	1613128	LARGE FRAME, Mini-Tote, Velcro Hybrid, SD3	1	
1	-----	• STRAP, Velcro, 1-wrap, 1-in. wide, black	8 ft	
2	124795	• FITTING, hose, $\frac{3}{4}$ barbed, x $1\frac{1}{16}$	2	
3	1612506	• ELBOW, male, 37° , $1\frac{1}{16}$, x $\frac{3}{4}$ NPT, extra long, zinc	1	A
4	-----	• PIPE FITTING, adapter, female, $\frac{3}{4}$ NPT x R $\frac{3}{4}$	1	A
5	-----	• PLUG, pipe, socket, standard, $\frac{3}{8}$ in., steel	1	
6	1606745	• TUBING, 5/16 OD, Nylon, flame resistant, blue	2 ft	
7	-----	• HOSE, -12, low pressure, synthetic, fiber braid, M4 series, black	4.8 ft	
8	900481	• ADHESIVE, pipe thread	AR	
NOTE A: Only apply item 8 onto the NPT threads.				
AR: As Required				

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55-Gallon Black Hose Modules

See Figure 5 and the following parts list.

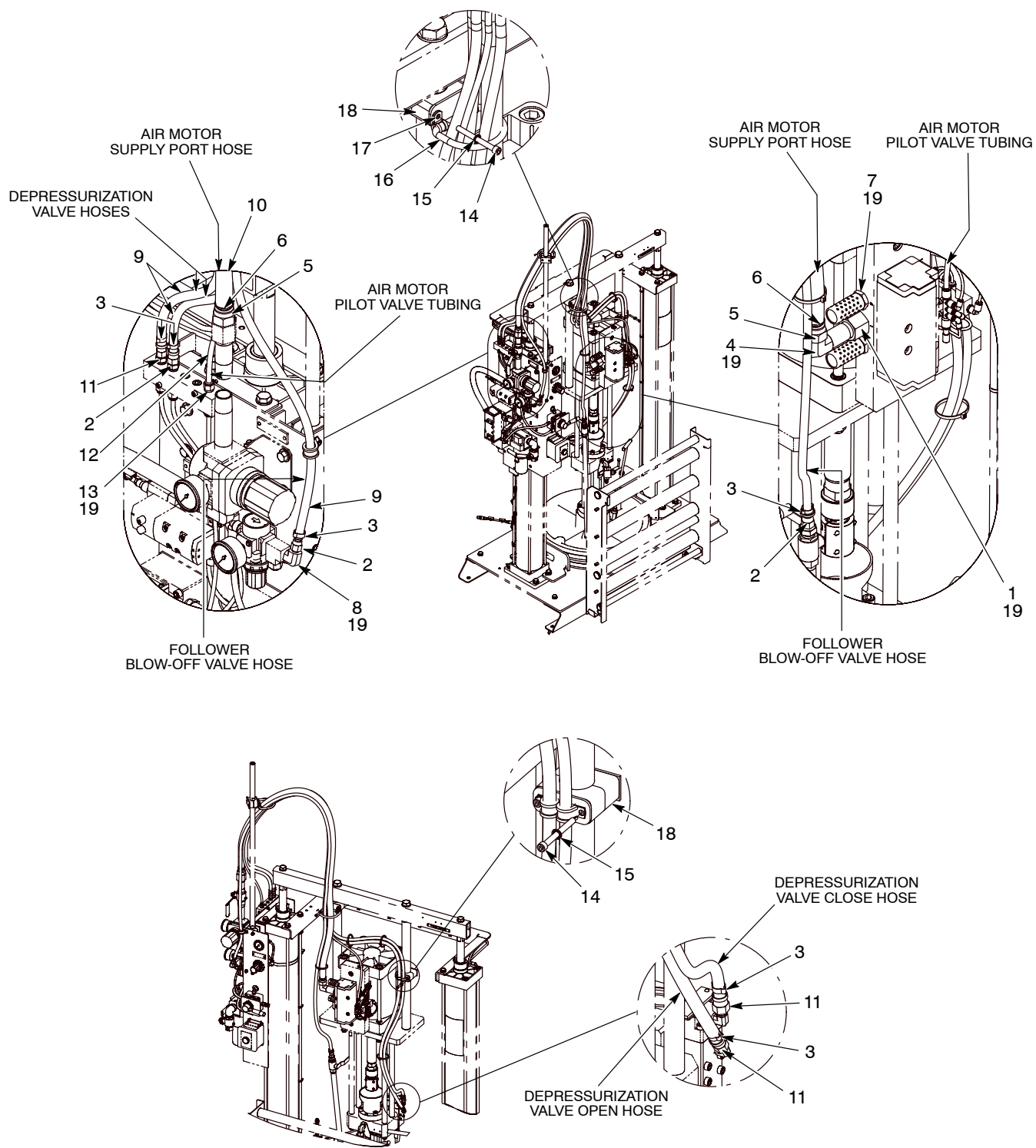


Figure 5 55-Gallon Black Hose Modules

Item	Part	Part	Description	Quantity	Note
—	1612409		HOSE, black, depressurization, 55-gallon, Hybrid	1	
—		1612478	HOSE, black, with clamps, 55-gallon, Hybrid	1	
1	-----	-----	• PIPE FITTING, adapter, female, 3/4 NPT x R 3/4	1	A
2	329830	—	• CONNECTOR, female, 1/4 hose, 1/2-20 barbed	2	
3	1004375	—	• CLAMP, hose, 9/16 in., crimp, double-ear	4	
4	1612506	1612506	• ELBOW, male, 37°, 1 1/16, x 3/4 NPT, extra long, zinc	1	A
5	124795	124795	• FITTING, hose, 3/4 barbed, x 1 1/16	2	
6	1004377	1004377	• CLAMP, hose, 1.25 in., crimp, double-ear	2	
7	1612188	1612188	• MUFFLER, pneumatic, R 3/4, zinc	2	
8	972658	972658	• ELL, male, 37°, 9/16-18 x 3/8, steel x 3/8 NPT, steel	1	A
9	805652	—	• HOSE, -4, low pressure, synthetic, fiber braid, M2 series, black	19.3 ft	
10	124792	124792	• HOSE, -12, low pressure, synthetic, fiber braid, M2 series, black	4.8 ft	
11	329829	—	• CONNECTOR, female, 1/4 hose, 7/16-20 barbed	2	
12	1610260	1610260	• TUBE, 8 mm OD, Polyurethane, fire resistant, black	5 ft	
13	334873	334873	• CONNECTOR, male, 5/16 tube x 1/4 NPT	1	
14	981647	—	• SCREW, socket, 1/4-20 x 2.500 in., zinc, Grade 8 per ISO 4762	4	
15	983141	—	• WASHER, lock, 1/4, steel, zinc, DIN 127	4	
16	-----	—	• D-RING, stainless steel, 5/16 in. x 2 3/4 in.	1	
17	-----	—	• CLAMP, hose, 0.31 in. OD, cushion	2	
18	282785	—	• CLAMPS, 1 1/2 ID	2	
19	900481	900481	• ADHESIVE, pipe thread	AR	

NOTE A: Only apply item 19 onto the NPT threads.

AR: As Required

55-Gallon Depressurization Fire Resistant Hose Modules

See Figure 6 and the following parts list.

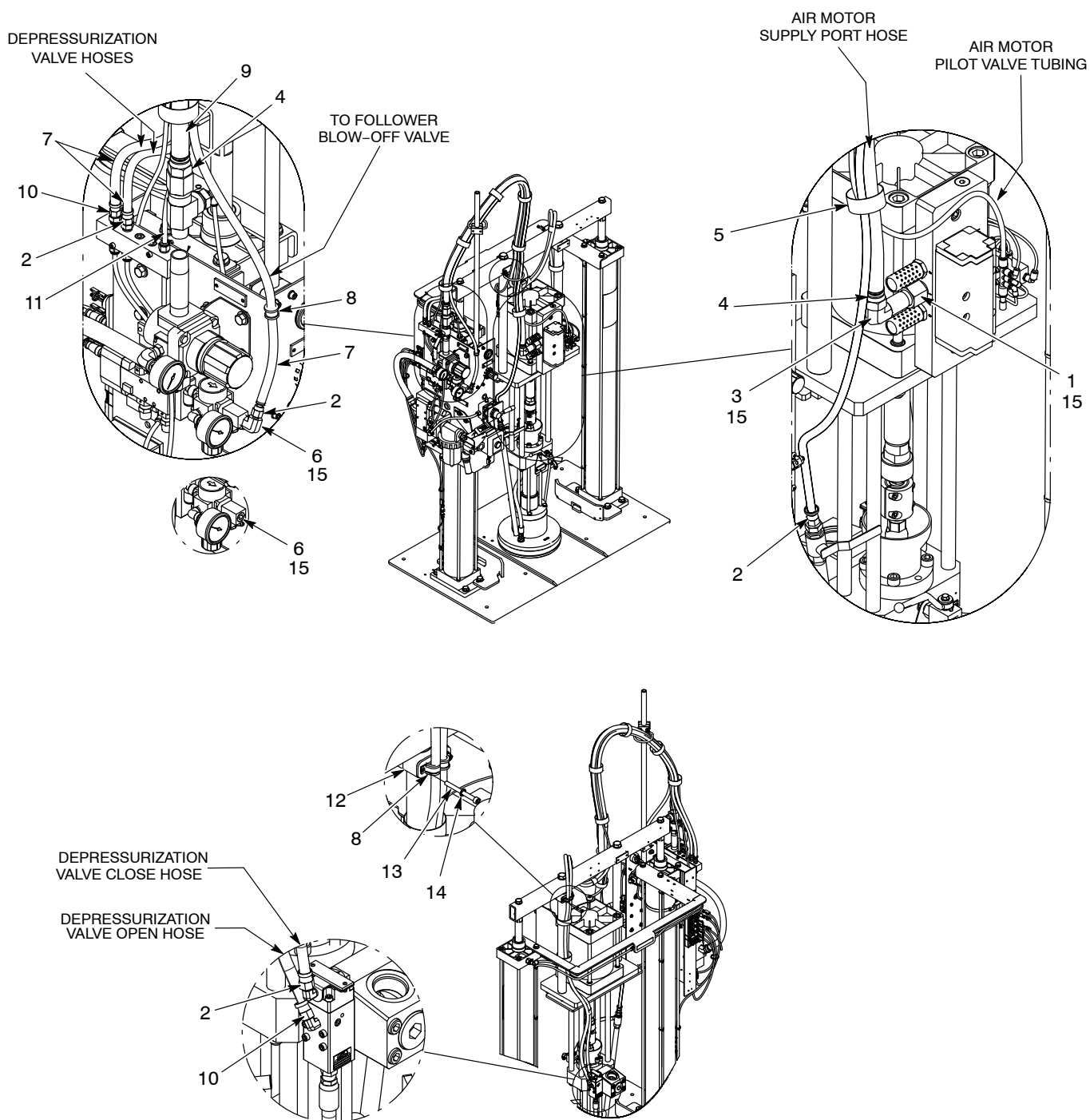


Figure 6 55-Gallon Depressurization Fire Resistant Hose Modules

Item	Part	Part	Description	Quantity	Note
—	1613027	—	HOSE, fire resistant, depressurization, 55-gallon	1	
—	—	1613064	HOSE, fire resistant, depressurization, 55-gallon Mini-Tote, Hybrid	1	A
1	—	—	• PIPE FITTING, adapter, female, ¾ NPT x R ¾	1	B
2	329830	329830	• CONNECTOR, female, ¼ hose, ½-20 barbed	2/4	C
3	1612506	1612506	• ELBOW, male, 37°, 1 ¹ / ₁₆ , x ¾ NPT, extra long, zinc	1	B
4	124795	124795	• FITTING, hose, ¾ barbed, x 1 ¹ / ₁₆	2	
5	—	—	• STRAP, Velcro, 1-wrap, 1-in. wide, black	8 ft	
6	1045604	—	• ELL, male, 37°, ½-20 x ¾ NPT, steel, zinc	1	B
	—	—	• PLUG, pipe, socket, standard, ¾ in., steel	1	
7	—	—	• HOSE, -4, low pressure, synthetic, fiber braid, M4 series, black	19.2 ft/32.9 ft	D
8	—	—	• CLAMP, hose, 0.50 in. OD, cushion	3	
9	—	—	• HOSE, -12, low pressure, synthetic, fiber braid, M4 series, black	4.8 ft/5 ft	E
10	329829	329829	• CONNECTOR, female, ¼ hose, 7/16-20 barbed	2	
11	1606745	1606745	• TUBING, 5/16 OD, Nylon, flame resistant, blue	2 ft/6 ft	F
12	282785	282785	• CLAMPS, 1½ ID	1	
13	—	—	• SCREW, socket, ¼-20 x 2.500 in., zinc, Grade 8 per ISO 4762	4	
14	—	—	• WASHER, lock, ¼, steel, zinc, DIN 127	4	
15	900481	900481	• ADHESIVE, pipe thread	AR	

NOTE A: This hose module is not configured for use with a follower blow-off valve.

B: Only apply item 15 onto the NPT threads.

C: 1613027 uses 4 connectors.

D: 1613027 uses 32.9 ft.

E: 1613027 uses 4.8 ft.

F: 1613027 uses 2 ft.

AR: As Required

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