



TA TOP AIR **Parts Manual**
By Unverferth

FRONT-FOLD BOOMS
MODELS 80', 90' & 100' HYDRAULIC
FOR TA1200 & TA1600 SPRAYERS

Serial Number B46520100 & Higher

Part No. 417904

Foreward



This symbol identifies important safety messages. When you see it, read the message that follows and be alert to the possibility of personal injury.

Remember, safety instructions stated in this manual are for your protection. Read them carefully and follow them closely when working around or using this machine.

Read and study this manual completely before attempting to operate this implement. Take this manual to the field for handy reference when operating, adjusting, or servicing your machine.

When referenced, “Right-Hand” (RH) and “Left-Hand” (LH) side of the machine are determined by standing behind the machine and facing in the direction of travel.



Product Information

When ordering parts or when requesting further information or assistance, always give the following information:

- Machine name
- Model number
- Serial number

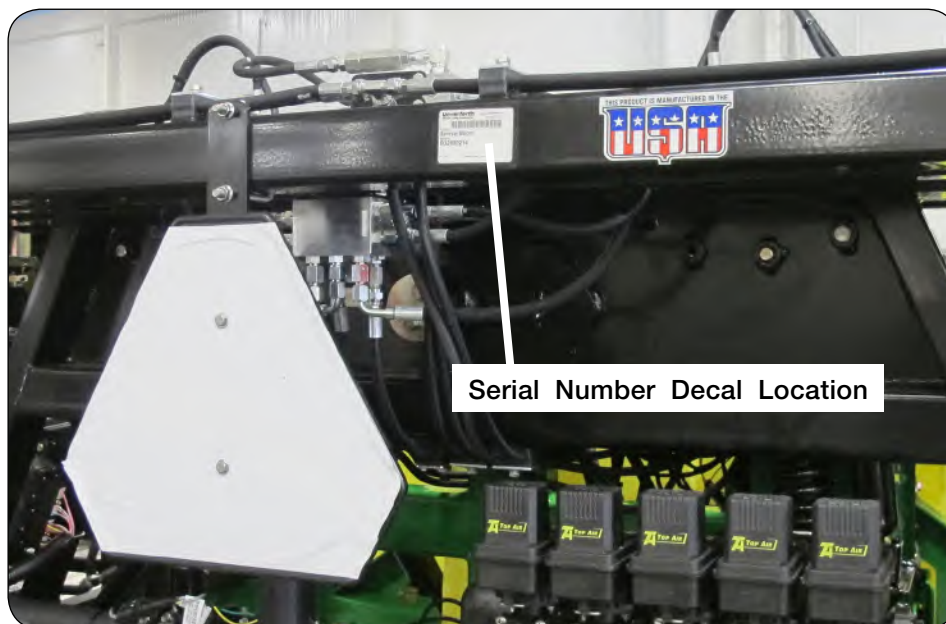
All products manufactured by Unverferth Mfg. Co., Inc. are warranted to be free from material and workmanship defects for one full year from time of consumer delivery. Your local dealer will gladly assist you with any warranty questions.

Please fill out and retain this portion for your records.

Purchase Date _____ Model Number _____ Serial Number _____

Dealer _____ City _____

Dealer Contact _____ Phone _____



IMPORTANT

- *The information, specifications, and illustrations in the manual are based on information available at the time it was written. Due to continuing improvements in the design and manufacture of Unverferth products, all specifications and information contained herein are subject to change without notice.*

Section I Parts

Please visit www.unverferth.com/parts/ for the most current parts listing.

Decals	1-2
Touch-Up Paint.....	1-3
Center Section	1-4
Twin Link Suspension System.....	1-6
Center Section to Main Wing Pivot & Indicator Components.....	1-8
Main Wings	1-10
Main Wing to Intermediate Wing Folding Components.....	1-12
Gull Wing Linkage.....	1-14
Intermediate Wings	1-16
Intermediate Wing to Breakaway Components.....	1-18
Breakaway Assembly.....	1-20
Outer Wings - 80', 90', & 100' Booms	1-22
Outer Wings Extension - 90' Booms	1-23
Outer Wings Extension - 100' Booms	1-24
80' to 90' Conversion Kits.....	1-26
90' to 100' Conversion Kits.....	1-28
Boom Wheel (Optional)	1-30
Height Control Wheel Components	1-32
Electrical - Lighting	1-34
Strainer.....	1-36
Hydraulic Control Valve, Fittings, and Mounting Hardware	1-38
Hydraulic Cylinders - Tie Rod	1-40
Hydraulic Cylinders - Welded	1-41
Hydraulic System - To Tractor & Main Lift Cylinders	1-42
Hydraulic System - Main Pivot & Intermediate Wing Cylinders.....	1-44
Hydraulic System - Wing Tilt Cylinders	1-46
Hydraulic System - Outer Wing Fold Cylinders	1-48
Spray Plumbing - 80', 90', & 100' Boom 6-Section 15" Spacing Nozzle Bodies & Mounting Brackets.....	1-50
Spray Plumbing - 80', 90', & 100' Center, Main & Intermediate Boom 6-Section 15" Spacing - Plumbing Components.....	1-52
Spray Plumbing - 80' Outer Boom 6-Section 15" Spacing - Plumbing Components.....	1-54
Spray Plumbing - 90' Outer Boom 6-Section 15" Spacing - Plumbing Components.....	1-56
Spray Plumbing - 100' Outer Boom 6-Section 15" Spacing - Plumbing Components.....	1-58
Spray Plumbing - 80', 90', & 100' Boom 6-Section 20" Spacing Nozzle Bodies & Mounting Brackets.....	1-60
Spray Plumbing - 80', 90', & 100' Center, Main & Intermediate Boom 6-Section 20" Spacing - Plumbing Components.....	1-62
Spray Plumbing - 80' Outer Boom 6-Section 20" Spacing - Plumbing Components.....	1-64
Spray Plumbing - 90' Outer Boom 6-Section 20" Spacing - Plumbing Components.....	1-66
Spray Plumbing - 100' Outer Boom 6-Section 20" Spacing - Plumbing Components.....	1-68

Section I Parts (Continued)

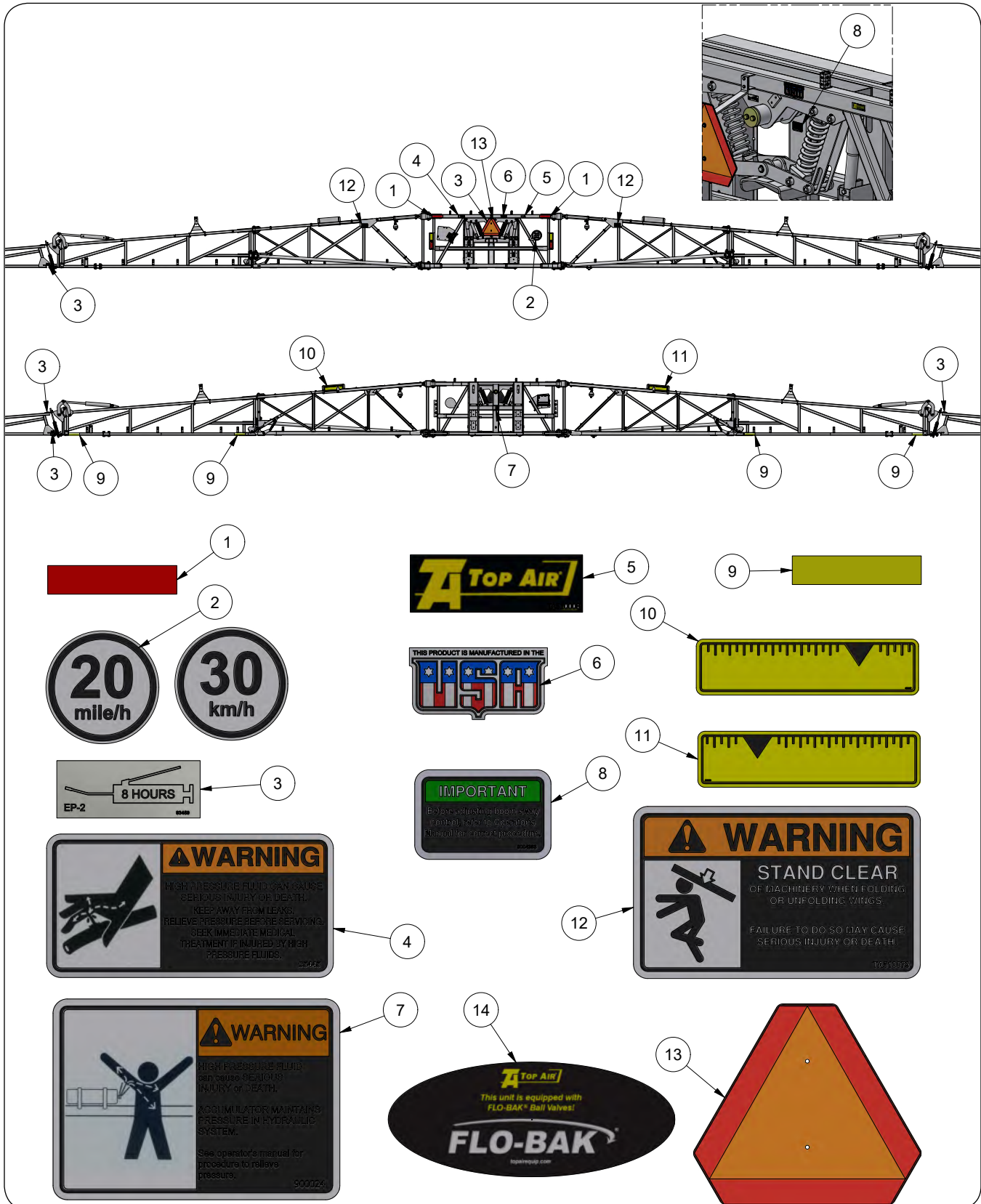
Please visit www.unverferth.com/parts/ for the most current parts listing.

Spray Plumbing - 80', 90', & 100' Boom 10-Section 15" Spacing	
Nozzle Bodies & Mounting Brackets.....	1-70
Spray Plumbing - 80', 90', & 100' Center, Main & Intermediate Boom	
10-Section 15" Spacing - Plumbing Components.....	1-72
Spray Plumbing - 80' Outer Boom 10-Section 15" Spacing - Plumbing Components.....	1-74
Spray Plumbing - 90' Outer Boom 10-Section 15" Spacing - Plumbing Components.....	1-76
Spray Plumbing - 100' Outer Boom 10-Section 15" Spacing - Plumbing Components.....	1-78
Spray Plumbing - 80', 90', & 100' Boom 10-Section 20" Spacing	
Nozzle Bodies & Mounting Brackets.....	1-80
Spray Plumbing - 80', 90', & 100' Center, Main & Intermediate Boom	
10-Section 20" Spacing - Plumbing Components.....	1-82
Spray Plumbing - 80' Outer Boom 10-Section 20" Spacing - Plumbing Components.....	1-84
Spray Plumbing - 90' Outer Boom 10-Section 20" Spacing - Plumbing Components.....	1-86
Spray Plumbing - 100' Outer Boom 10-Section 20" Spacing - Plumbing Components.....	1-88
Hydraulic Schematic.....	1-90
Spray Control System.....	1-92
Ball Valve Manifold - Model 450 FLO-BAK™ Valve.....	1-95
FLO-BAK™ Ball Valve Manifold - Model 450.....	1-96
Electric Fence Row Nozzle Kit (Optional).....	1-98
Foam Marker Components (Optional).....	1-100
Foam Marker Assembly (Optional).....	1-102
Double Drop Foam Marker Components (Optional).....	1-104

Front-Fold Booms 80' / 90' / 100' — Parts

Decals

Please visit www.unverferth.com/parts/ for the most current parts listing.



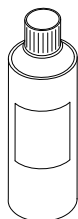
Front-Fold Booms 80' / 90' / 100' — Parts

Decals

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	9003126	Reflector 2" x 9" RED	2	
2	9008714	Decal, SIS 20 MPH	1	
	9008720	Decal, SIS 30 KPH		
3	93459	Decal, Grease 8 Hours	5	
4	95445	Decal, WARNING "High-Pressure Fluid"	1	
5	TA510008	Decal, Top Air Logo	1	
6	TA510031	Decal, USA	1	
7	900024	Decal, WARNING "High-Pressure Fluid"	1	
8	9004353	Decal, IMPORTANT "Adjusting Boom Sway"	1	on H Frame
9	9003127	Reflector 2" x 9" AMBER	4	
10	9003807	Decal, Indicator Right-Hand	1	Used on RH Side
11	9003808	Decal, Indicator Left-Hand	1	Used on LH Side
12	TA510079	Decal, WARNING "Stand Clear"	2	
13	TA510514	SMV Emblem	1	
14	9004820	Decal, "Flo-Bak"	1	Optional

Touch-Up Paint

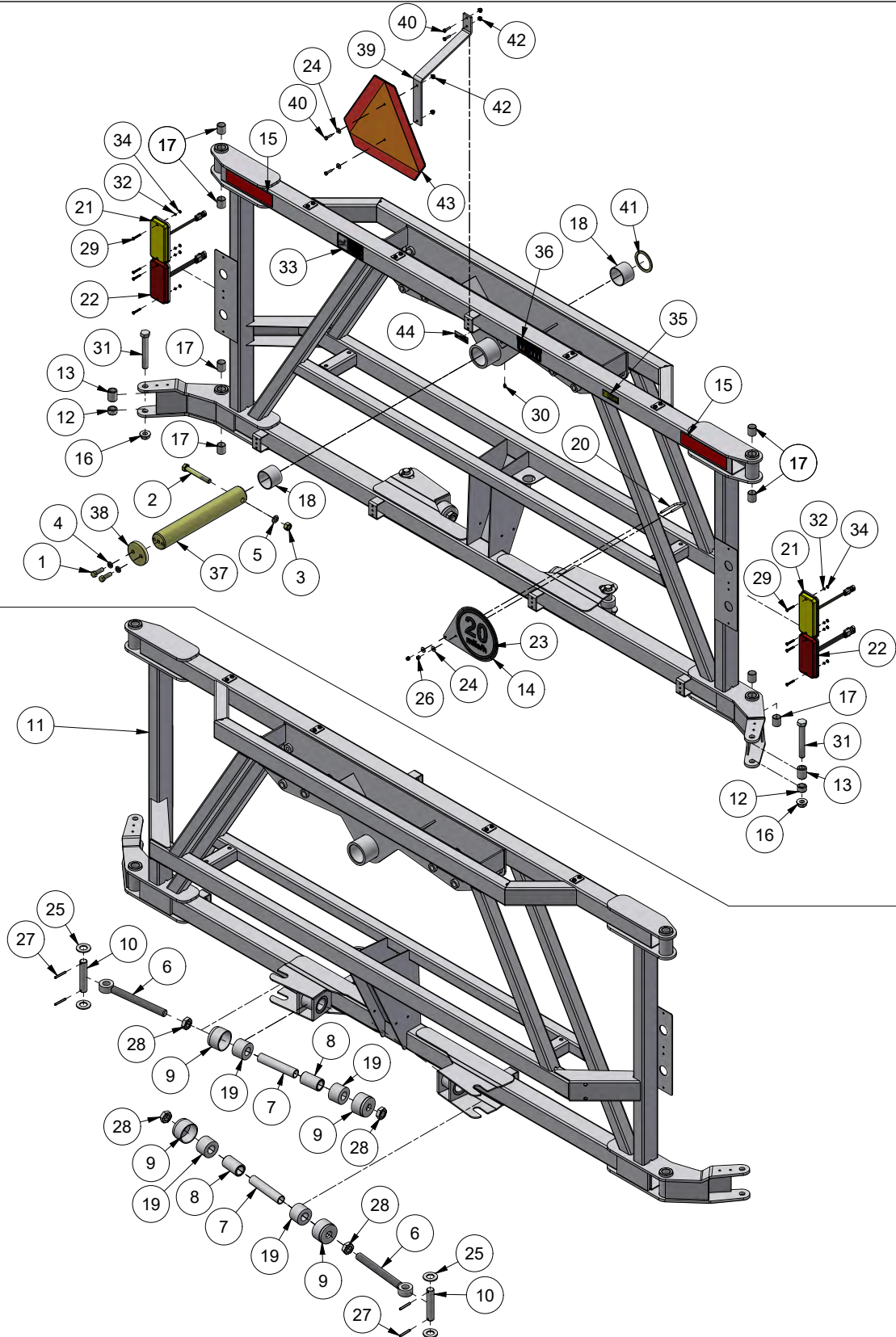


PAINT	SPRAY
Black	97013
Green	97015
Red	97301
Primer, Gray	9500082

Front-Fold Booms 80' / 90' / 100' — Parts

Center Section

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Center Section

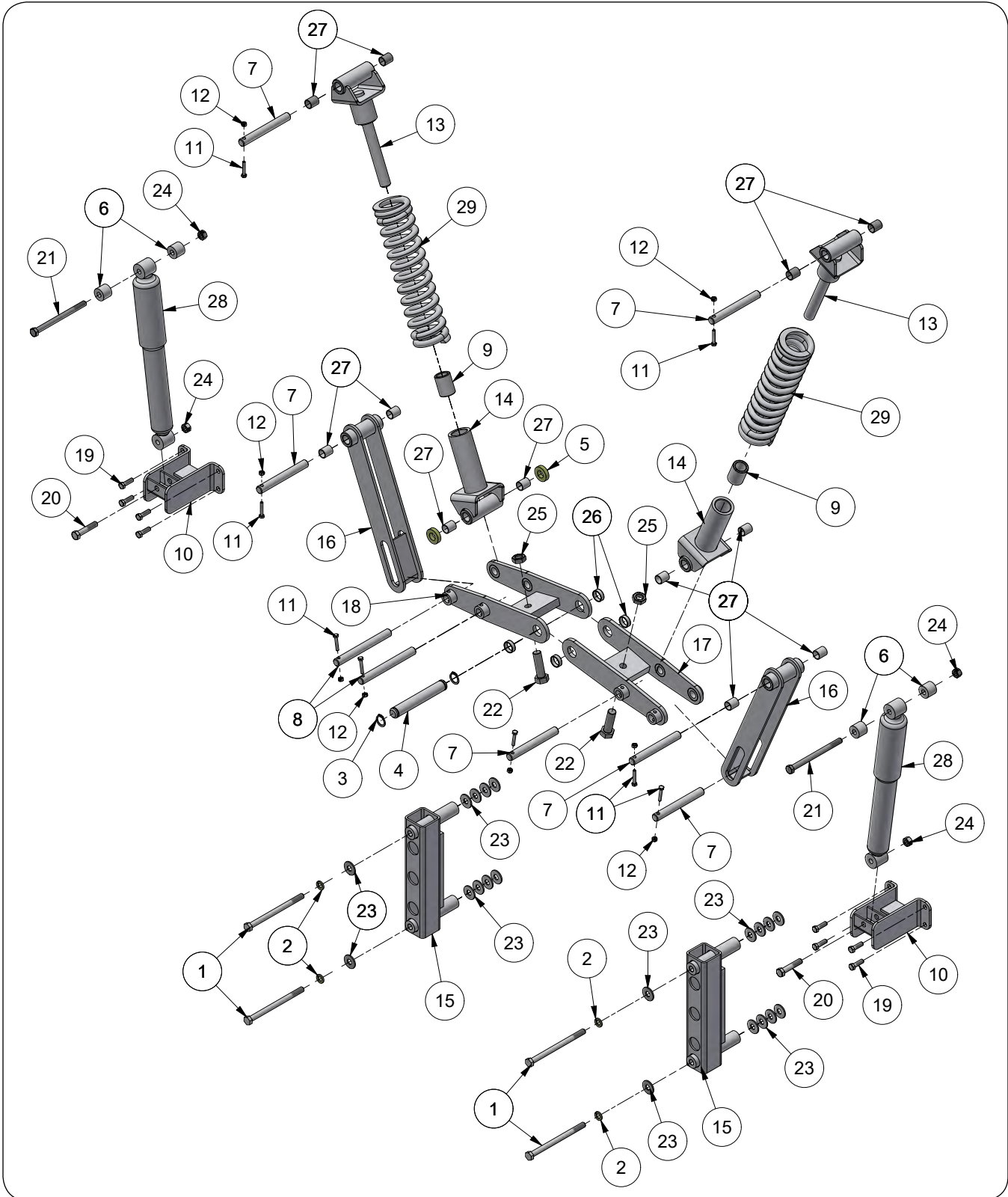
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	9390-101	Capscrew, 1/2"-13UNC x 1 1/2" G5	2	
2	9390-133	Capscrew, 5/8"-11UNC x 4 1/2" G5	1	
3	9394-014	Hex Nut, 5/8"-11UNC	1	
4	9404-025	Lock Washer, 1/2"	2	
5	9404-029	Lock Washer, 5/8"	1	
6	401072	Adjustment Eye Weldment	2	
7	401272	Spring Sleeve Bushing, 1 1/4" OD x 1" ID x 6 5/16"	2	
8	401279	Wear Bushing, 1.760" OD x 1.280" ID x 3"	2	
9	401280B	Canister Weldment =Black=	4	
10	401765	Pin, 1" Dia. x 5 1/16"	2	
11	405201	Boom Center Section Kit	1	Includes Items 8, 15, 17, 18, 30, 33, 35, 36, 44
12	407269	Spacer Bushing, 1 1/4" OD x 3/4" ID x 3/4"	2	
13	407270	Spacer Bushing, 1 1/4" OD x 3/4" ID x 1 9/16"	2	
14	415266B	SIS Mounting Plate =Black=	1	
15	9003126	Reflector, Red	2	
16	9003399	Locknut/Top, 3/4"-10UNC	2	
17	9003440	Self-Lubricating Bushing, 1.1275" OD x 1.010" ID x 1.250"	8	
18	9003749	Self-Lubricating Bearing, 2.753" OD x 2.508" ID x 2"	2	
19	9003775	Urethane Spring, 2 1/2" OD x 1 1/4" ID x 1.75"	4	
20	9005638	U-Bolt, 1/4"-20UNC x 2 3/4", 2 5/16" C/C	1	Stainless Steel
21	9006281	LED Light, AMBER	2	
22	9006282	LED Light, RED	2	
23	9008714	Decal, SIS 20MPH	1	
24	900902-032	Flat Washer, 1/4" USS	2	Stainless Steel
25	900902-058	Flat Washer, 1" SAE	4	Stainless Steel
26	900905-007	Elastic Stop Nut, 1/4"-20UNC	2	Stainless Steel
27	900910-166	Spiral Pin, 1/4" Dia. x 2"	4	Stainless Steel
28	900911-020	Hex Jam Nut, 1"-8UNC	4	Stainless Steel
29	903172-350	Pan Head Machine Screw, #10-32UNF x 1 1/4"	2	
30	91160	Grease Zerk, 1/4-28	1	
31	9390-156	Capscrew, 3/4"-10UNC x 5 1/2" G5	2	
32	9404-013	Lock Washer, #10	2	
33	95445	Decal, WARNING (High-Pressure Fluid)	1	
34	9830-016	Hex Nut, #10-32UNF G2	8	
35	TA510008	Decal, TA Logo	1	
36	TA510031	Decal, USA	1	
37	408153	Pin 2 1/2" Dia. x 16 3/16"	1	
38	408154	Pivot Pin End Plate, 3 1/2" Dia.	1	
39	409304B	SMV Bracket =Black=	1	
40	900900-005	Capscrew, 1/4"-20UNC x 1"	4	Stainless Steel
41	9003100	Flat Washer, 3 1/4" OD x 2 9/16" ID x 0.134"	1	Hardened
42	9004720	Flange Nut, 1/4"-20UNC	4	Stainless Steel
43	TA510514	SMV Emblem	1	
44	93459	Decal, Grease 8 Hours	1	

Front-Fold Booms 80' / 90' / 100' — Parts

Twin Link Suspension System

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

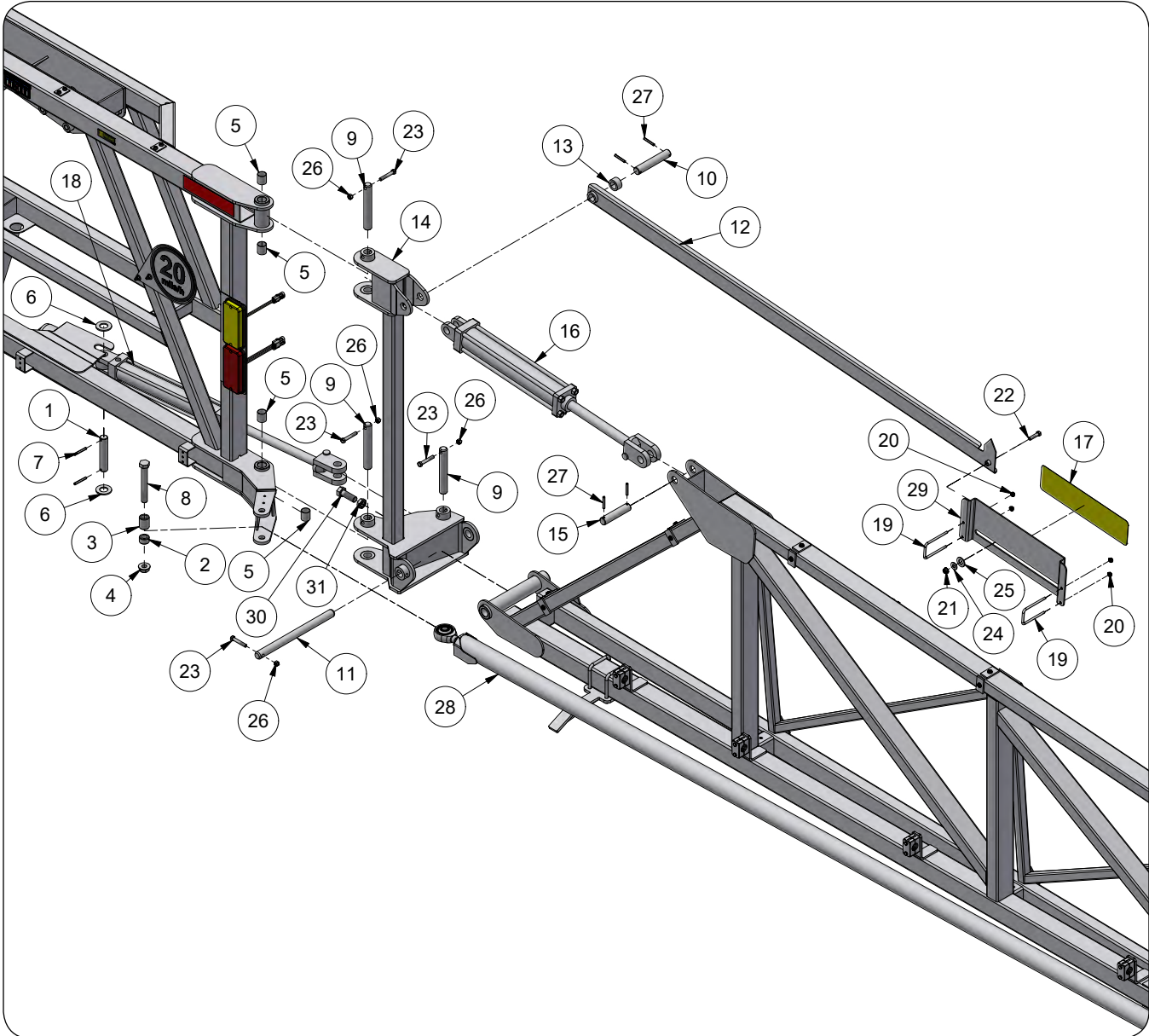
Twin Link Suspension System

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	9390-117	Capscrew, 1/2"-13UNC x 7" G5	4	
2	9404-025	Lock Washer, 1/2"	4	
3	91192	Retaining Ring, 1"	2	
4	400537	Spring Linkage Pin, 1" Dia. x 6 3/4"	1	
5	401091	Spacer Bushing, 1 1/2" OD x 0.750" ID x 3/8"	2	
6	401092	Spacer Bushing, 1 1/4" OD x 1/2" ID x 1 1/16"	4	
7	401095	Spring Pin, 3/4" Dia. x 6 3/16"	6	
8	401096	Spring Pin, 3/4" Dia. x 7"	2	
9	401381	Wear Bushing, 1.5" OD x 1.033" ID x 1.990"	2	
10	403215B	Shock Bracket Weldment =Black=	2	
11	900900-007	Capscrew, 1/4"-20UNC x 1 1/2"	8	Stainless Steel
12	900906-002	Locknut/Center, 1/4"-20UNC	8	Stainless Steel
13	404339B	Spring Guide Weldment - Inner =Black=	2	
14	404344B	Spring Guide Weldment - Outer =Black=	2	
15	404615	Clamp Assembly	2	
16	405343B	Stop Link Weldment =Black=	2	
17	405346B	Link Arm Weldment, Right-Hand =Black=	1	
18	405347B	Link Arm Weldment, Left-Hand =Black=	1	
19	900900-056	Capscrew, 3/8"-16UNC x 1 1/4"	8	Stainless Steel
20	900900-105	Capscrew, 1/2"-13UNC x 2 1/2"	2	Stainless Steel
21	900900-116	Capscrew, 1/2"-13UNC x 6 1/2"	2	Stainless Steel
22	900900-147	Capscrew, 3/4"-10UNC x 2 1/2"	2	Stainless Steel
23	900902-044	Flat Washer, 1/2"	4	Stainless Steel
24	900906-010	Locknut/Center, 1/2"-13UNC	4	Stainless Steel
25	900911-016	Hex Jam Nut, 3/4"-10UNC	2	Stainless Steel
26	9003751	Self-Lubricating Bushing, 1.131" OD x 1.008" ID x 3/8"	4	
27	9003752	Self-Lubricating Bushing, 0.882" OD x 0.758" ID x 1"	12	
28	9004219	Shock Absorber	2	
29	9004371B	Compression Spring, 3 1/2" OD x 14 1/4" =Black=	2	

Center Section to Main Wing Pivot & Indicator Components

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

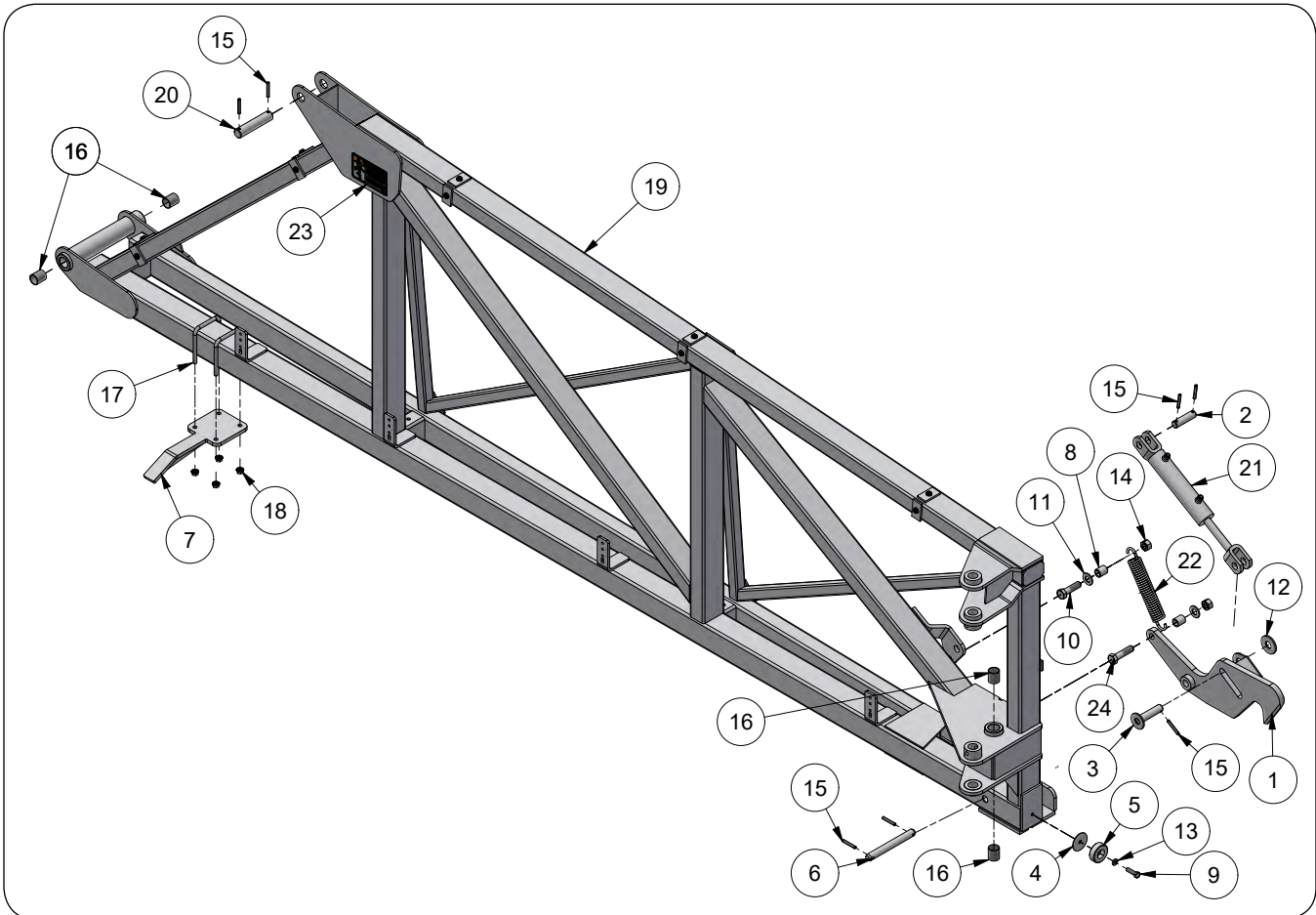
Center Section to Main Wing Pivot & Indicator Components

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	401765	Pin, 1" Dia. x 5 1/16"	2	
2	407269	Spacer Bushing, 1 1/4" OD x 3/4" ID x 3/4"	2	
3	407270	Spacer Bushing, 1 1/4" OD x 3/4" ID x 1 9/16"	2	
4	9003399	Locknut/Top, 3/4"-10UNC	2	
5	9003440	Self-Lubricating Bushing, 1.1275" OD x 1.010" ID x 1.250"	8	
6	900902-058	Flat Washer, 1"	4	Stainless Steel
7	900910-166	Spiral Pin, 1/4" Dia. x 2"	4	Stainless Steel
8	9390-156	Capscrew, 3/4"-10UNC x 5 1/2" G5	2	
9	400540	Pin, 1" Dia. x 6 13/16"	6	
10	401371	Pin, 1" Dia. x 5 11/16"	2	
11	401372	Pin, 1" Dia. x 13 7/16"	2	
12	402360B	Needle Weldment, Right-Hand =Black= SHOWN	1	
	402361B	Needle Weldment, Left-Hand =Black=	1	
13	402403	Spacer Bushing, 1 1/2" OD x 1" ID x 13/16"	2	
14	402795B	Wing Pivot Weldment, Right-Hand =Black= SHOWN	1	
	402796B	Wing Pivot Weldment, Left-Hand =Black=	1	
15	807450	Pin, 1" Dia. x 4 5/8"	2	
16	9002123	Hydraulic Cylinder, 2 1/2" x 14"	2	Stainless Steel
17	9003807	Decal, Indicator (Right-Hand)	1	
	9003808	Decal, Indicator (Left-Hand)	1	
18	9003959	Hydraulic Cylinder, 2" x 14" (3000PSI)	2	
19	9004683	U-Bolt, 1/4"-20UNC x 3 3/4", 2 5/16" C/C	4	Stainless Steel
20	9004720	Flange Nut, 1/4"-20UNC	8	Stainless Steel
21	9005640	Flange Nut, 3/8"-16UNC	2	Stainless Steel
22	900900-057	Capscrew, 3/8"-16UNC x 1 1/2"	2	Stainless Steel
23	900900-060	Capscrew, 3/8"-16UNC x 2 1/4"	8	Stainless Steel
24	900902-038	Flat Washer, 3/8"	2	Stainless Steel
25	900902-049	Flat Washer, 5/8"	2	Stainless Steel
26	900906-006	Locknut/Center, 3/8"-16UNC	8	Stainless Steel
27	900910-164	Spiral Pin, 1/4" Dia. x 1 3/4"	8	Stainless Steel
28	N/A	Gull Wing Linkage	2	See "Gull Wing Linkage Components"
29	401329B	Level Indicator Plate =Black=	2	
30	900900-146	Capscrew, 3/4"-10UNC x 2 1/4"	2	Stainless Steel
31	900911-016	Hex Jam Nut, 3/4"-10UNC	2	Stainless Steel

Main Wings

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

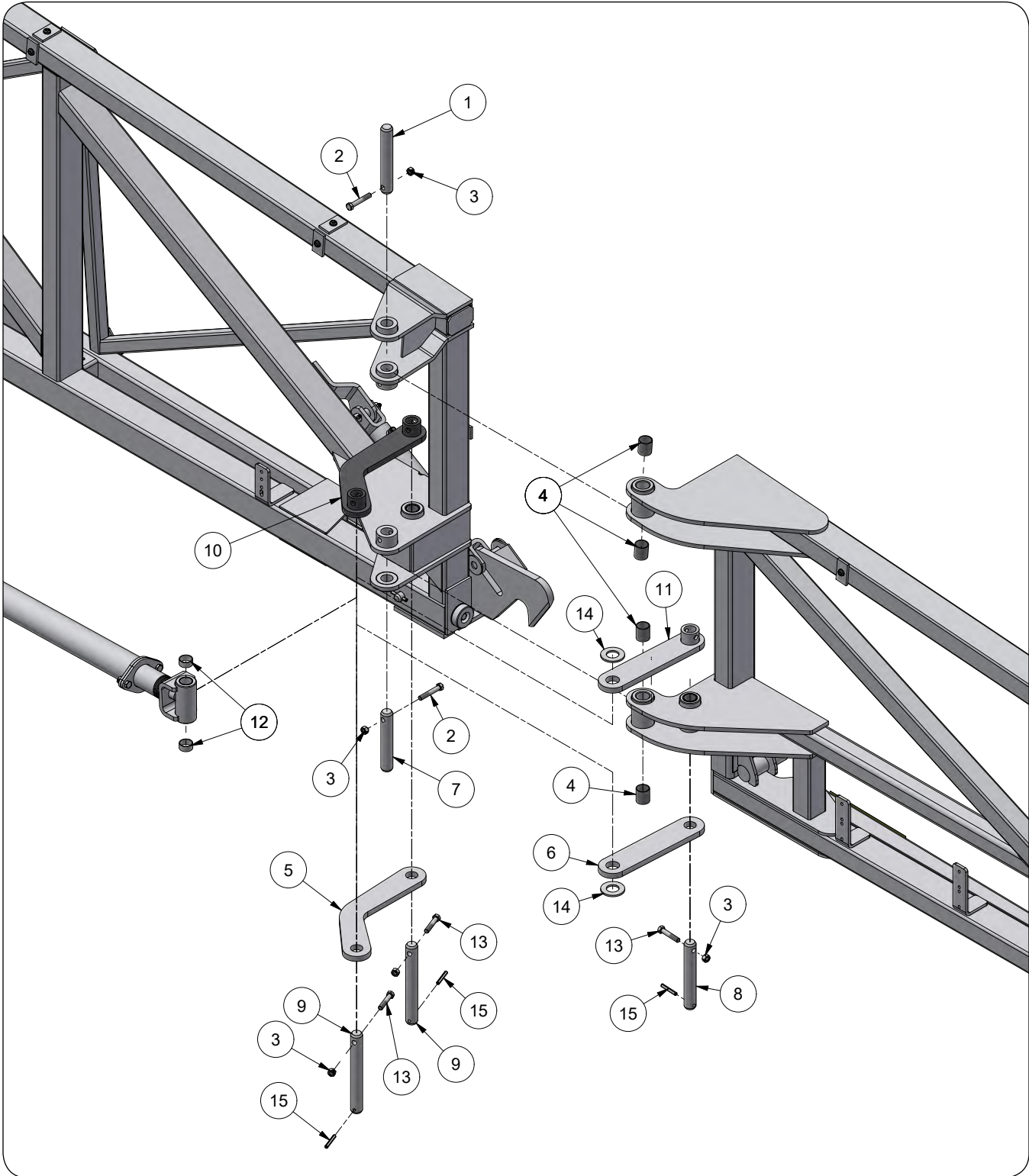
Main Wings

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	401373B	Latch Weldment, Right-Hand =Black=	1	
	401374B	Latch Weldment, Left-Hand =Black=	1	
2	401378	Pin, 3/4" Dia. x 2 13/16"	2	
3	401379	Cylinder Pin Weldment, 3/4" Dia. x 3 11/32"	2	
4	401736	Stop Shim Plate, 2" Dia.	10	Use As Required
5	405123	Wing Stop Plate, 2" Dia. x 3/4"	2	
6	405161	Pin, 3/4" Dia. x 6 9/16"	2	
7	408545B	Wing Support Weldment =Black=	2	
8	805446B	Spacer Bushing, 7/8" OD x 0.635" ID x 1"	4	
9	900900-056	Capscrew, 3/8"-16UNC x 1 1/4"	2	Stainless Steel
10	900900-125	Capscrew, 5/8"-11UNC x 2 1/4"	2	Stainless Steel
11	900902-049	Flat Washer, 5/8"	4	Stainless Steel
12	900902-053	Flat Washer, 3/4"	2	Stainless Steel
13	900903-021	Lock Washer, 3/8"	2	Stainless Steel
14	900906-014	Locknut/Center, 5/8"-11UNC	4	Stainless Steel
15	900910-164	Spiral Pin, 1/4" Dia. x 1 3/4"	10	Stainless Steel
16	9003440	Self-Lubricating Bushing, 1.127" OD x 1.01" ID x 1.25"	8	
17	9004679	U-Bolt, 3/8"-16UNC x 3 15/16", 3 7/16" C/C	4	Stainless Steel
18	9005640	Flange Nut, 3/8"-16UNC	20	Stainless Steel
19	408588	Main Wing Replacement Kit, Right-Hand (Shown)	1	Includes Items 16 & 23
	408589	Main Wing Replacement Kit, Left-Hand		
20	807450	Pin, 1" Dia. x 4 5/8"	2	
21	9003789	Hydraulic Cylinder, 1 1/2" x 4" (3000PSI)	2	
22	TA510027	Spring, 1.375" OD x 8.75"	2	
23	TA510079	Decal, WARNING "Stand Clear of Machinery..."	2	
24	900900-126	Capscrew, 5/8"-11UNC x 2 1/2"	2	Stainless Steel

Main Wing to Intermediate Wing Folding Components

Please visit www.unverferth.com/parts/ for the most current parts listing.



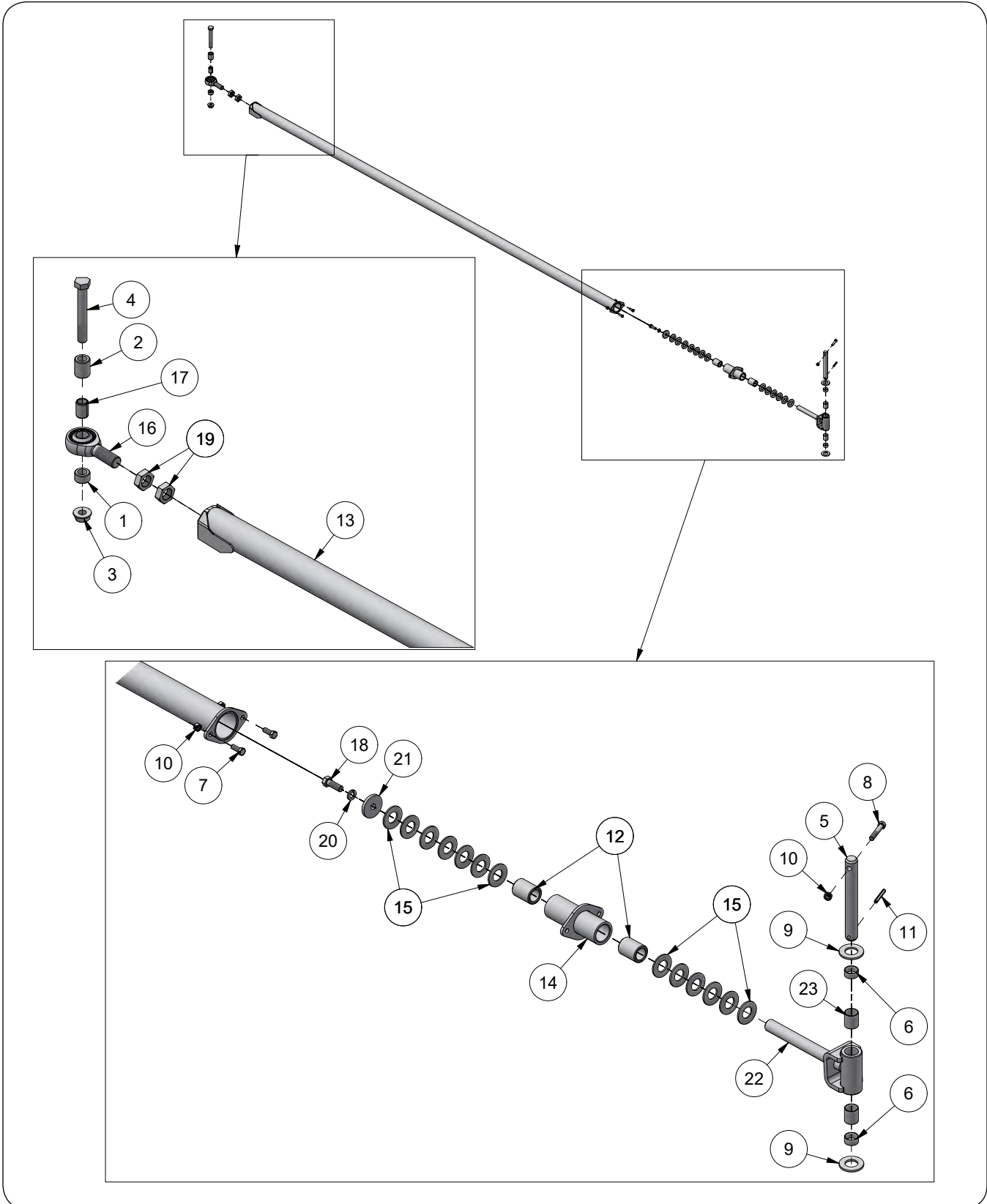
Main Wing to Intermediate Wing Folding Components

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	408451	Pin, 1" Dia. x 6 9/16"	2	
2	900900-060	Capscrew, 3/8"-16UNC x 2 1/4"	4	Stainless Steel
3	900906-006	Locknut/Center, 3/8"-16UNC	10	Stainless Steel
4	9003440	Self-Lubricating Bushing, 1.127" OD x 1.01" ID x 1.25"	8	
5	404711B	Fold Link Weldment =Black=	2	
6	404714B	Plate Fold Link =Black=	2	
7	408452	Pin, 1" Dia. x 5 7/8"	2	
8	408453	Pin, 1" Dia. x 6 5/8"	2	
9	408454	Pin, 1" Dia. x 7 15/16"	4	
10	408455B	Fold Link Weldment, Right-Hand =Black=	1	
	408456B	Fold Link Weldment, Left-Hand =Black=	1	
11	408457B	Fold Link Weldment =Black=	2	
12	9003958	Self-Lubricating Bushing, 1.131" OD x 1.008" ID x 1/2"	4	
13	900900-059	Capscrew, 3/8"-16UNC x 2"	6	Stainless Steel
14	900902-058	Flat Washer, 1"	4	
15	900910-164	Spiral Pin, 1/4" Dia. x 1 3/4"	6	Stainless Steel

Gull Wing Linkage

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

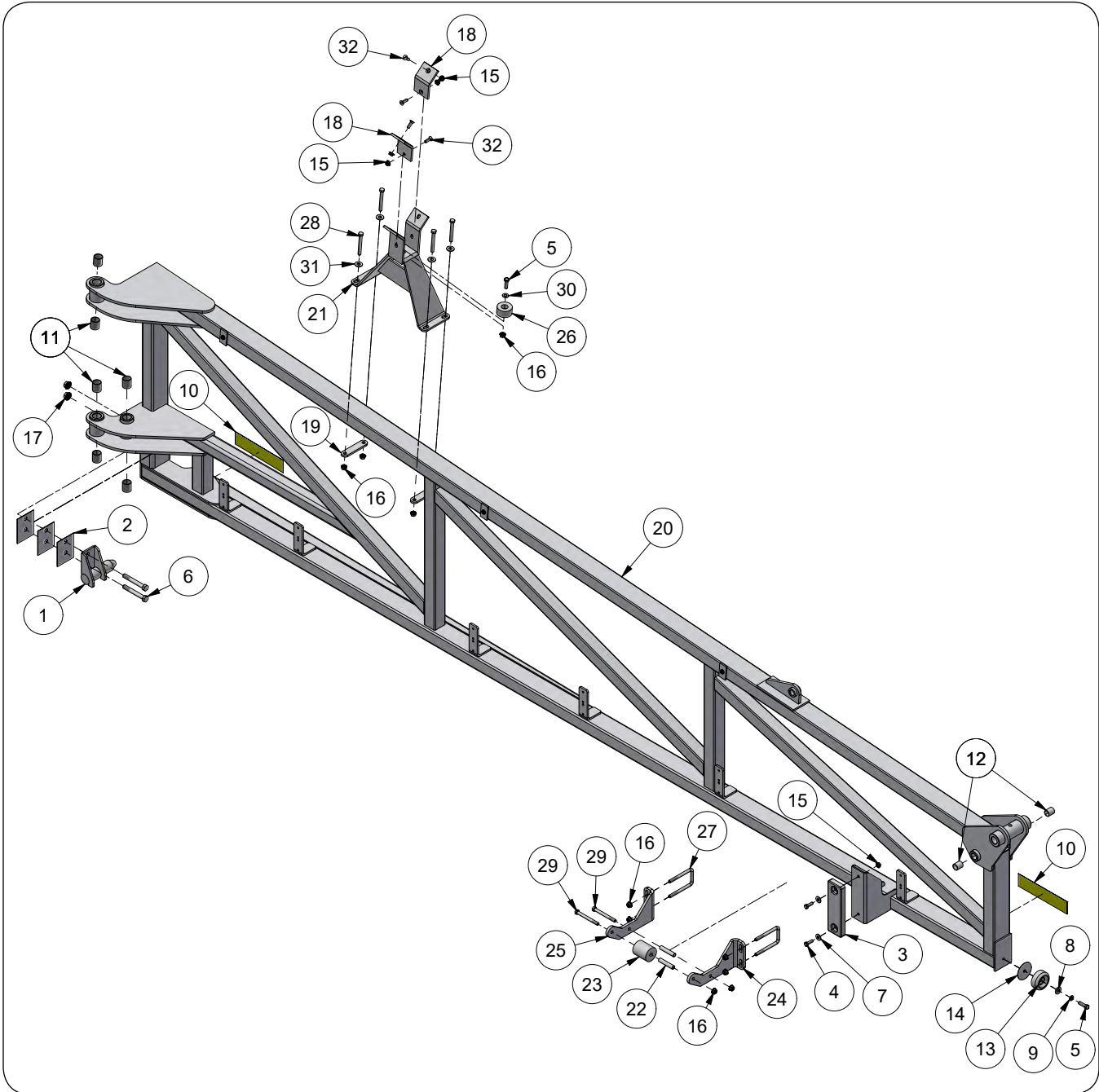
Gull Wing Linkage

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	407269	Spacer Bushing, 1 1/4" OD x 3/4" ID x 3/4"	2	
2	407270	Spacer Bushing, 1 1/4" OD x 3/4" ID x 1 9/16"	2	
3	9003399	Locknut/Top, 3/4"-10UNC	2	
4	9390-156	Capscrew, 3/4"-10UNC x 5 1/2" G5	2	
5	408454	Pin, 1" Dia. x 7 15/16"	2	
6	9003958	Self-Lubricating Bushing, 1.131" OD x 1.008" ID x 1/2"	4	
7	900900-055	Capscrew, 3/8"-16UNC x 1"	4	Stainless Steel
8	900900-059	Capscrew, 3/8"-16UNC x 2"	2	Stainless Steel
9	900902-058	Flat Washer, 1" SAE	4	
10	900906-006	Locknut/Center, 3/8"-16UNC	4	Stainless Steel
11	900910-164	Spiral Pin, 1/4" Dia. x 1 3/4"	2	Stainless Steel
12	401381	Wear Bushing, 1.5" OD x 1.033" ID x 1.990"	4	
13	407271B	Gull Wing Link Weldment =Black=	2	
14	407273B	Spring Guide Weldment =Black=	2	
15	9003787	Belleville Spring, 2" OD x 1.016" ID x 0.163"	26	
16	9005416	Rod End, Male 1"	2	
17	9005417	Split Tension Bushing, 1" OD x 3/4" ID x 1 3/8"	2	
18	9390-101	Capscrew, 1/2"-13UNC x 1 1/2" G5	2	
19	9395-019	Hex Jam Nut, 1"-14UNS	4	
20	9404-025	Lock Washer, 1/2"	2	
21	401307	Spring Washer, 2 1/2" OD x 0.516" ID x 1/4"	2	
22	404716B	Link End Weldment =Black=	2	
23	9003440	Self-Lubricating Bushing, 1.1275" OD x 1.010" ID x 1.25"	4	

Intermediate Wings

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

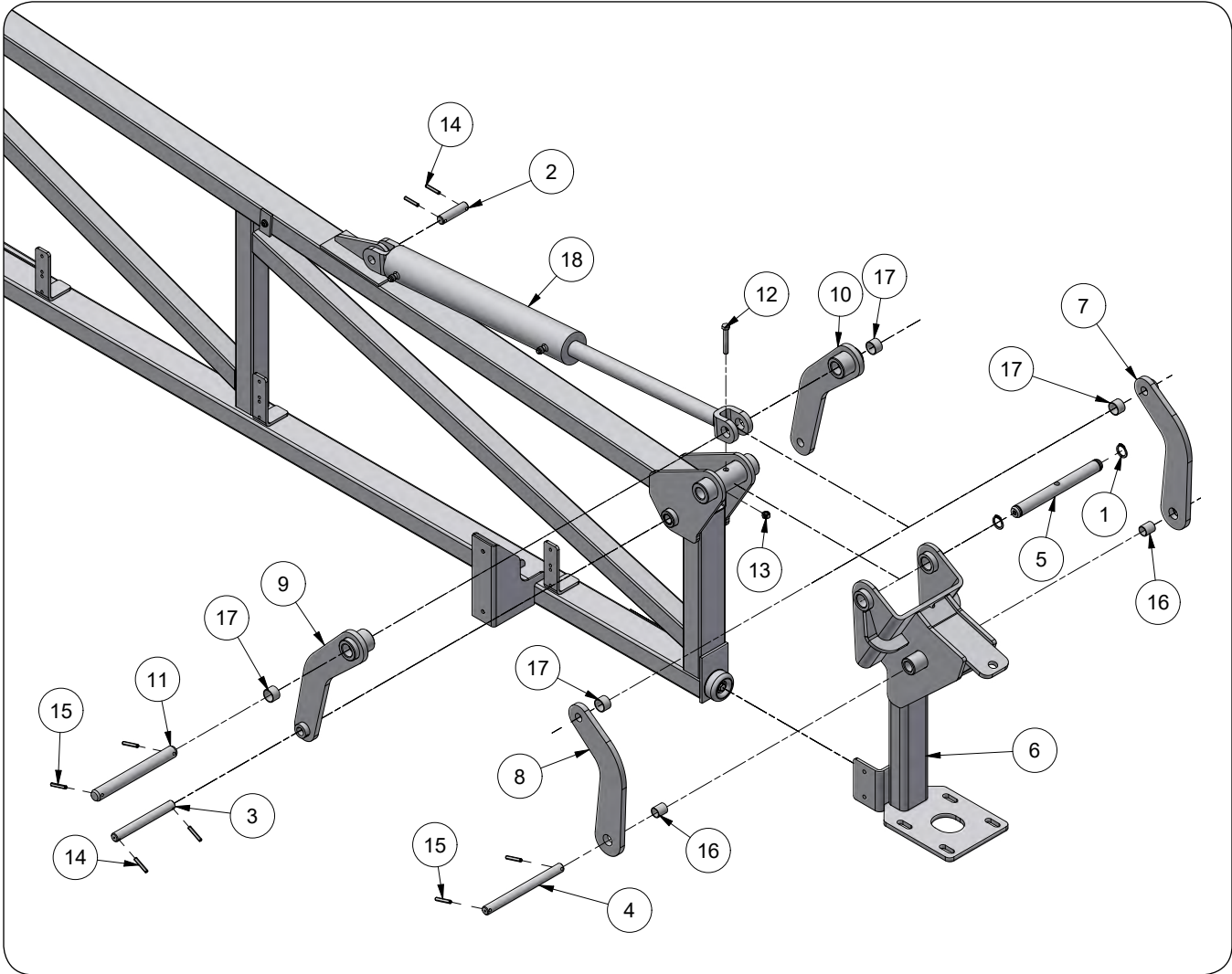
Intermediate Wings

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	401726B	Latch Rod Weldment, Right-Hand =Black=	1	
	401727B	Latch Rod Weldment, Left-Hand =Black=	1	
2	401730	Shim Plate, 3" x 3 7/8"	6	Use as Required
3	402728	Pad, Stop	2	
4	900900-030	Capscrew, 5/16"-18UNC x 1"	4	Stainless Steel
5	900900-056	Capscrew, 3/8"-16UNC x 1 1/4"	6	Stainless Steel
6	900900-110	Capscrew, 1/2"-13UNC x 3 3/4"	4	Stainless Steel
7	900902-035	Flat Washer, 5/16"	4	Stainless Steel
8	900902-038	Flat Washer, 3/8"	12	
9	900903-021	Lock Washer, 3/8"	2	
10	9003127	Reflector, Amber	4	
11	9003440	Self-Lubricating Bushing, 1.1275" OD x 1.010" ID x 1.250"	12	
12	9003752	Self-Lubricating Bushing, 0.882" OD x 0.758" ID x 1.000"	4	
13	9004389	Rubber Bumper, 2 1/2" Dia. x 1"	2	
14	9004497	Fender Washer, 2 1/2"D x 3/8"D x .060"	6	Use as Required
15	9005639	Flange Nut, 5/16"-18UNC	12	Stainless Steel
16	9005640	Flange Nut, 3/8"-16UNC	32	Stainless Steel
17	9005691	Flange Nut, 1/2"-13UNC	4	Stainless Steel
18	403580	Pad, Wing Rest	4	
19	406106B	Bolt Plate =Black=	4	
20	405817	Intermediate Wing Replacement, Right-Hand =Black=	1	Includes Items 3-5, 7-8, 10-12, 15-16, 18-19, 21, 26, 28, 30-31
	405818	Intermediate Wing Replacement, Left-Hand =Black=	1	Includes Items 3-5, 7-8, 10-12, 15-16, 18-19, 21, 26, 28, 30-31
21	407663B	Wing Rest Weldment =Black=	2	
22	408543	Bushing, Spacer	4	
23	408544	Poly Bushing	2	
24	408560B	Wing Support Bracket =Black=	2	
25	408561B	Wing Support Bracket =Black=	2	
26	9003806	Rubber Bumper, 2" Dia. x 1"	2	
27	9004684	U-Bolt, 3/8"-16UNC x 4", 2 3/8" C/C	4	Stainless Steel
28	900900-064	Capscrew, 3/8"-16UNC x 3 1/4"	8	Stainless Steel
29	900900-066	Capscrew, 3/8"-16UNC x 3 3/4"	4	Stainless Steel
30	900902-037	Flat Washer, 3/8"	2	Stainless Steel
31	900907-640	Flat Head Screw, 5/16"-18UNC x 1"	8	Stainless Steel

Intermediate Wing to Breakaway Components

Please visit www.unverferth.com/parts/ for the most current parts listing.



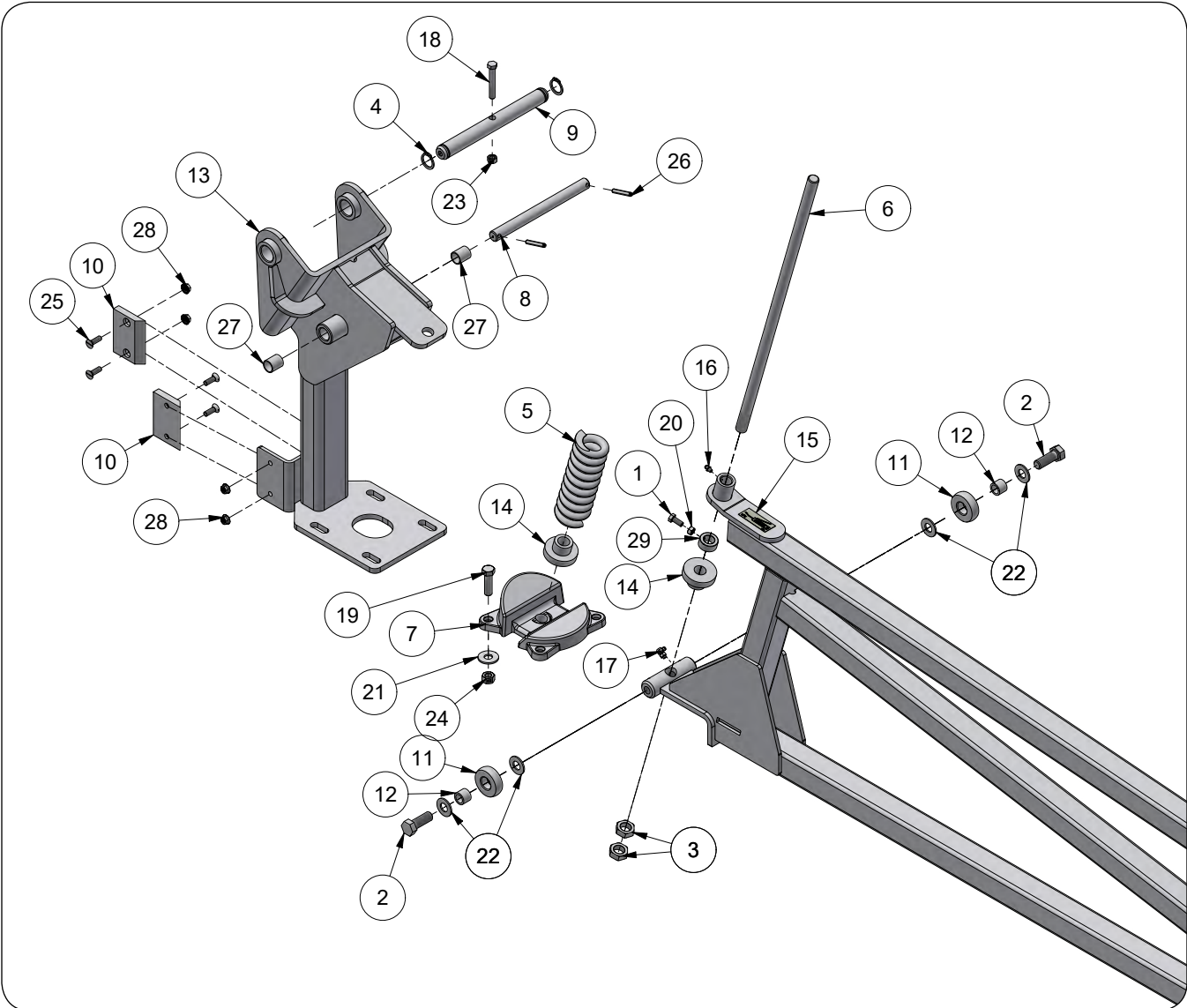
Intermediate Wing to Breakaway Components

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	91192	Retaining Ring, 1"	4	
2	403573	Pin, 3/4" Dia. x 2 15/16"	2	
3	405150	Pin, 3/4" Dia. x 6 11/16"	2	
4	405151	Pin, 3/4" Dia. x 8 3/4"	2	
5	405259	Pin, 1" Dia. x 9 3/4"	2	
6	407615B	Breakaway/Wing Pivot Weldment =Black=	2	
7	407651B	Fold Link Weldment =Black=	2	
8	407652B	Fold Link Plate =Black=	2	
9	407667B	Fold Link Weldment, Right-Hand =Black=	2	
10	407669B	Fold Link Weldment, Left-Hand =Black=	2	
11	407671	Pin, 1 Dia. x 9 1/8"	2	
12	900900-061	Capscrew, 3/8"-16UNC x 2 1/2"	2	Stainless Steel
13	900906-006	Locknut/Center, 3/8"-16UNC	2	Stainless Steel
14	900910-162	Spiral Pin, 1/4" Dia. x 1 1/2"	8	Stainless Steel
15	900910-164	Spiral Pin, 1/4" Dia. x 1 3/4"	4	Stainless Steel
16	9003752	Self-Lubricating Bushing, 0.882" OD x 0.758" ID x 1"	8	
17	9004397	Self-Lubricating Bushing, 1.131" OD x 1.008" ID x 0.750"	8	
18	9004619	Hydraulic Cylinder, 2 1/2" x 16" (3000PSI)	2	

Breakaway Assembly

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Breakaway Assembly

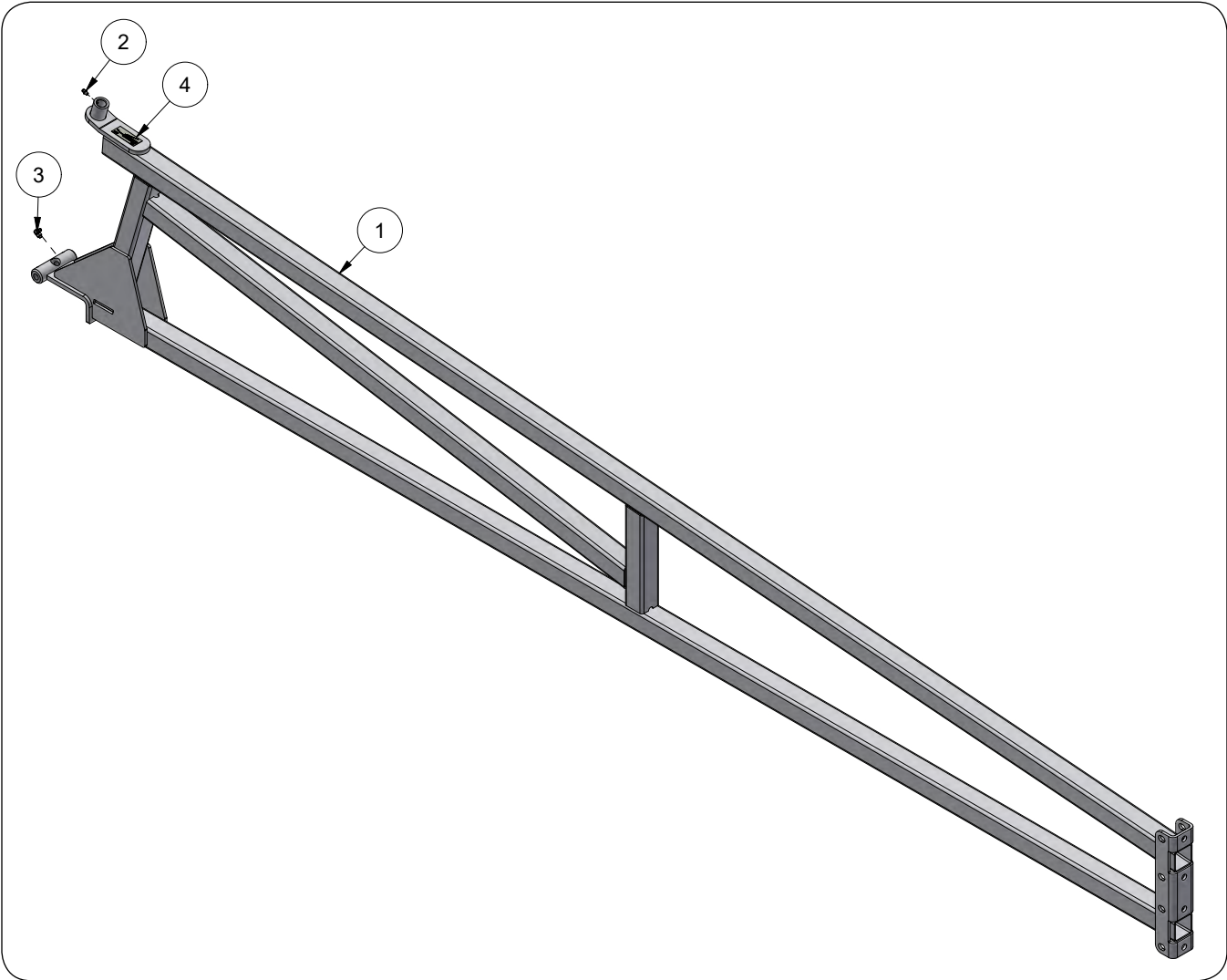
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	9390-028	Capscrew, 5/16"-18UNC x 3/4" G5	2	
2	9390-123	Capscrew, 5/8"-11UNC x 1 3/4" G5	4	
3	9395-016	Hex Jam Nut, 3/4"-10UNC	4	
4	91192	Retaining Ring, 1"	4	
5	93944B	Compression Spring =Black=	2	
6	401725	Shaft, Break-Away	2	
7	404606B	Boom Breakaway Ramp =Black=	2	
8	405151	Pin, 3/4" Dia. x 8 3/4"	2	
9	405259	Pin, 1" Dia. x 9 3/4"	2	
10	405938	Wear Pad, 1/2" x 2 1/2" x 3 1/2"	4	
11	406287	Roller Breakaway Plate, 2 1/4" Dia.	2	
12	406288	Roller Bushing, 7/8" OD x 9/16" ID x 13/16"	2	
13	407615B	Wing Pivot Weldment =Black=	2	
14	407867	Spring Guide Bushing, 2 1/4" Dia. x 1 1/4"	4	
15	93459	Decal, Grease 8 Hours	2	
16	91160	Grease Zerk, 1/4-28	2	
17	93415	90° Grease Zerk, 1/4-28	2	
18	900900-061	Capscrew, 3/8"-16UNC x 2 1/2"	2	Stainless Steel
19	900900-102	Capscrew, 1/2"-13UNC x 1 3/4"	8	Stainless Steel
20	900901-004	Hex Nut, 5/16"-18UNC	2	
21	900902-044	Flat Washer, 1/2"	8	Stainless Steel
22	900902-049	Flat Washer, 5/8"	8	
23	900906-006	Locknut/Center, 3/8"-16UNC	2	Stainless Steel
24	900906-010	Locknut/Center, 1/2"-13UNC	8	Stainless Steel
25	900907-640	Flat Head Machine Screw, 5/16"-18UNC x 1"	8	Stainless Steel
26	900910-164	Spiral Pin, 1/4" Dia. x 1 3/4"	4	
27	9003752	Self-Lubricating Bushing, 0.882" OD x 0.758" ID x 1"	4	
28	9005639	Flange Nut, 5/16"-18UNC	8	Stainless Steel
29	TA500689	Shaft Collar, 1 1/4" OD x 3/4" ID x 3/16" w/Set Screw	2	
	9399-069	Set Screw, 5/16"-18UNC x 1/4" Cup Point/Hex Socket	2	

Front-Fold Booms 80' / 90' / 100' — Parts

Outer Wings - 80', 90' & 100' Booms

Please visit www.unverferth.com/parts/ for the most current parts listing.

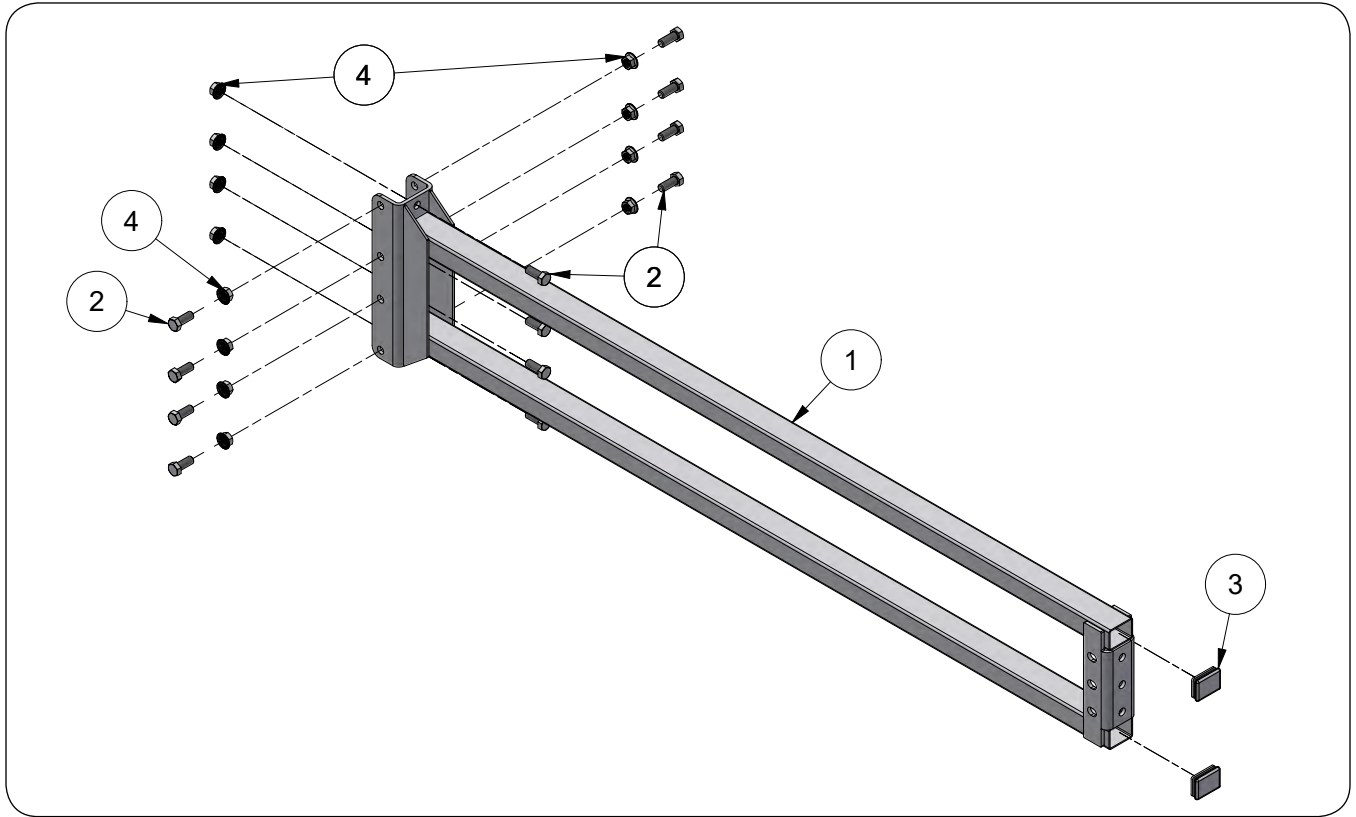


ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	408769	Outer Wing Replacement Kit	2	Includes Items 2-4
2	91160	Grease Zerk, 1/4-28	2	
3	93415	90° Grease Zerk, 1/4-28	2	
4	93459	Decal, Grease 8 Hours	4	

Front-Fold Booms 80' / 90' / 100' — Parts

Outer Wings Extension - 90' Booms

Please visit www.unverferth.com/parts/ for the most current parts listing.

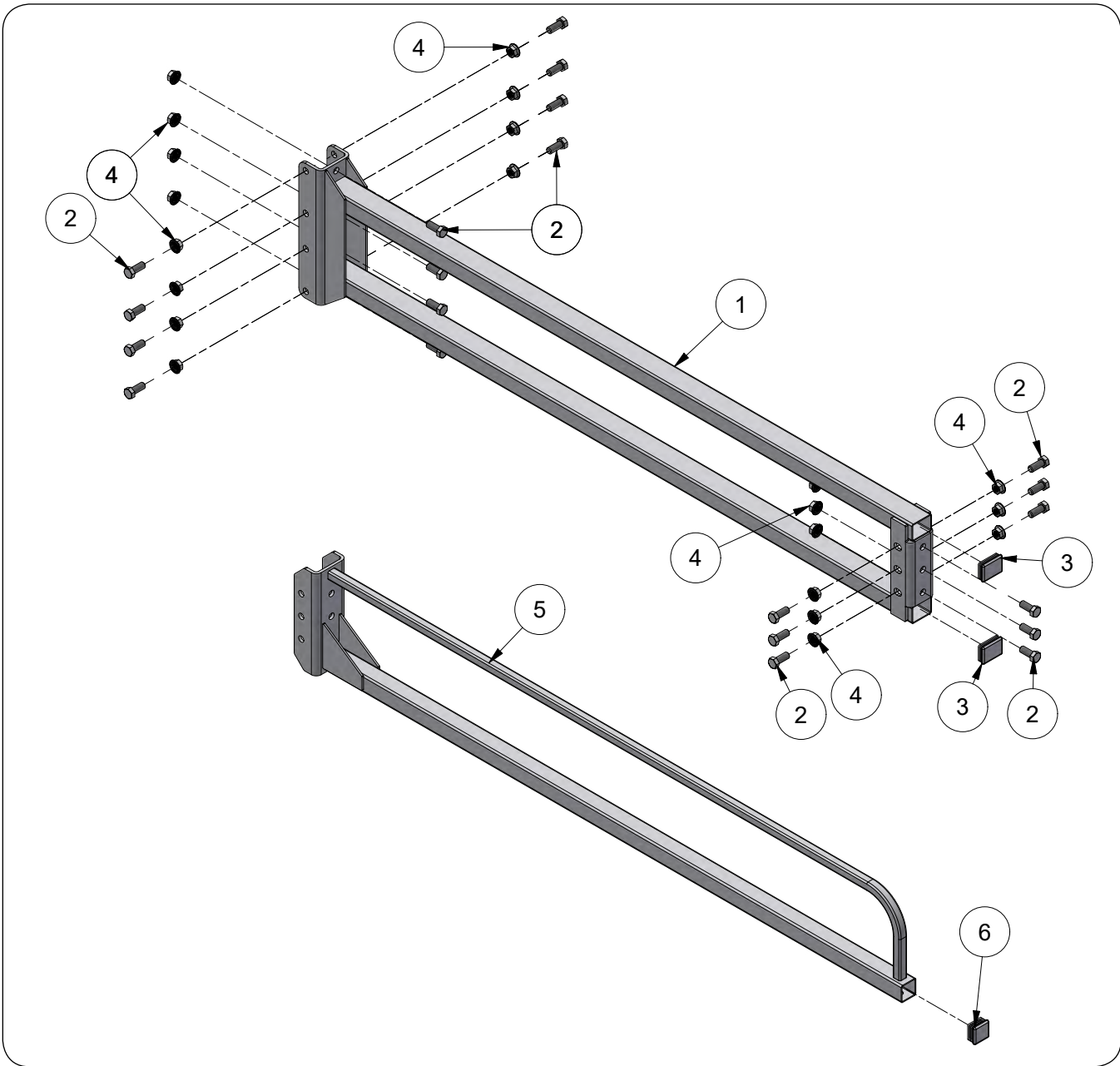


ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	407639B	Extension Weldment =Black=	2	
2	900900-100	Capscrew, 1/2"-13UNC x 1 1/4"	24	Stainless Steel
3	9004570	Plastic Plug, 1 1/2" x 2"	4	
4	9005691	Flange Nut, 1/2"-13UNC	24	Stainless Steel

Front-Fold Booms 80' / 90' / 100' — Parts

Outer Wings Extension - 100' Booms

Please visit www.unverferth.com/parts/ for the most current parts listing.



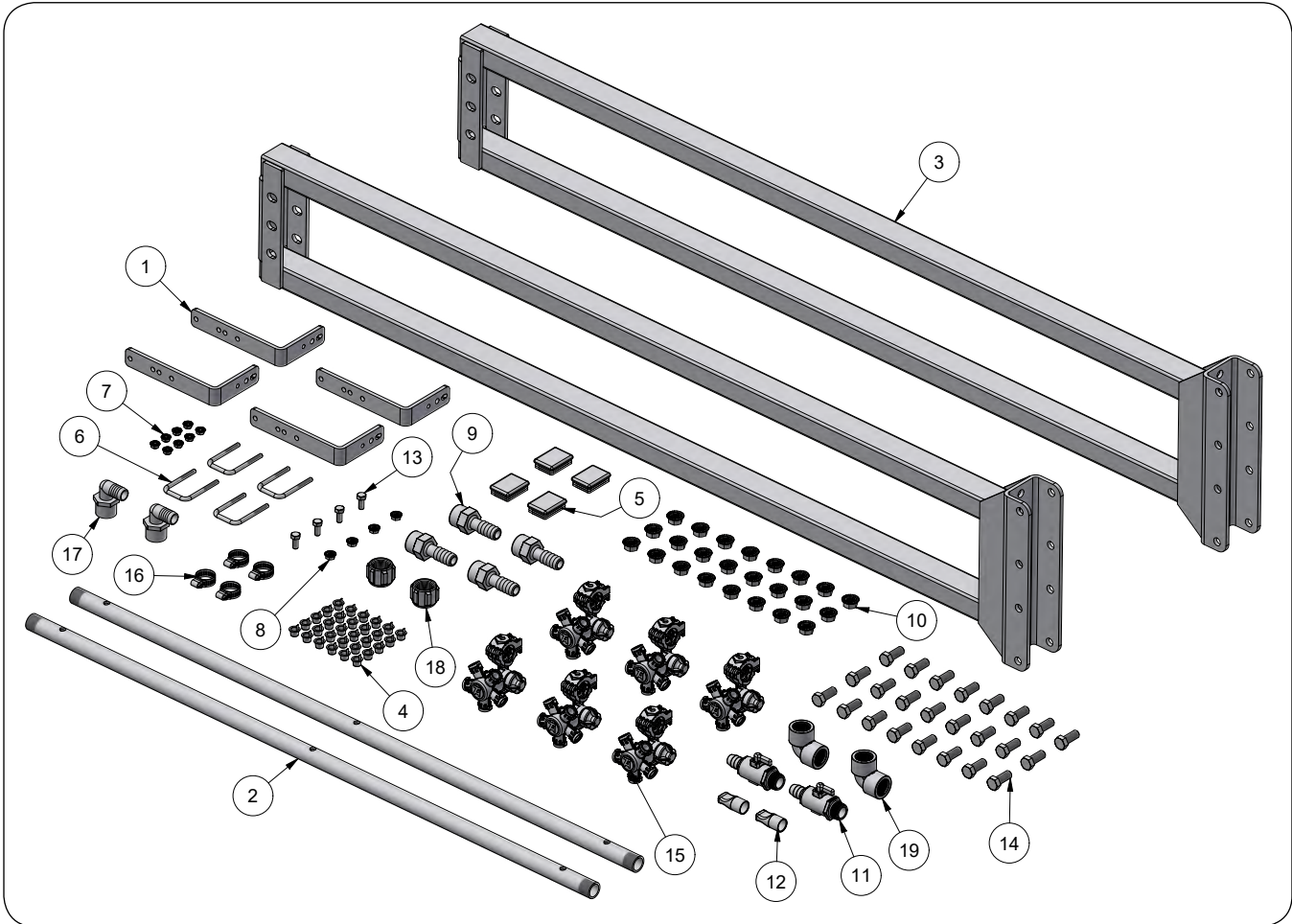
ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	407639B	Extension Weldment =Black=	2	
2	900900-100	Capscrew, 1/2"-13UNC x 1 1/4"	42	Stainless Steel
3	9004570	Plastic Plug, 1 1/2" x 2"	4	
4	9005691	Flange Nut, 1/2"-13UNC	42	Stainless Steel
5	407646B	Extension Weldment =Black=	2	
6	9001645	Plastic Plug, 1 1/2" x 1 1/2"	2	

Notes

Please visit www.unverferth.com/parts/ for the most current parts listing.

80' To 90' Conversion Kits

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

80' To 90' Conversion Kits

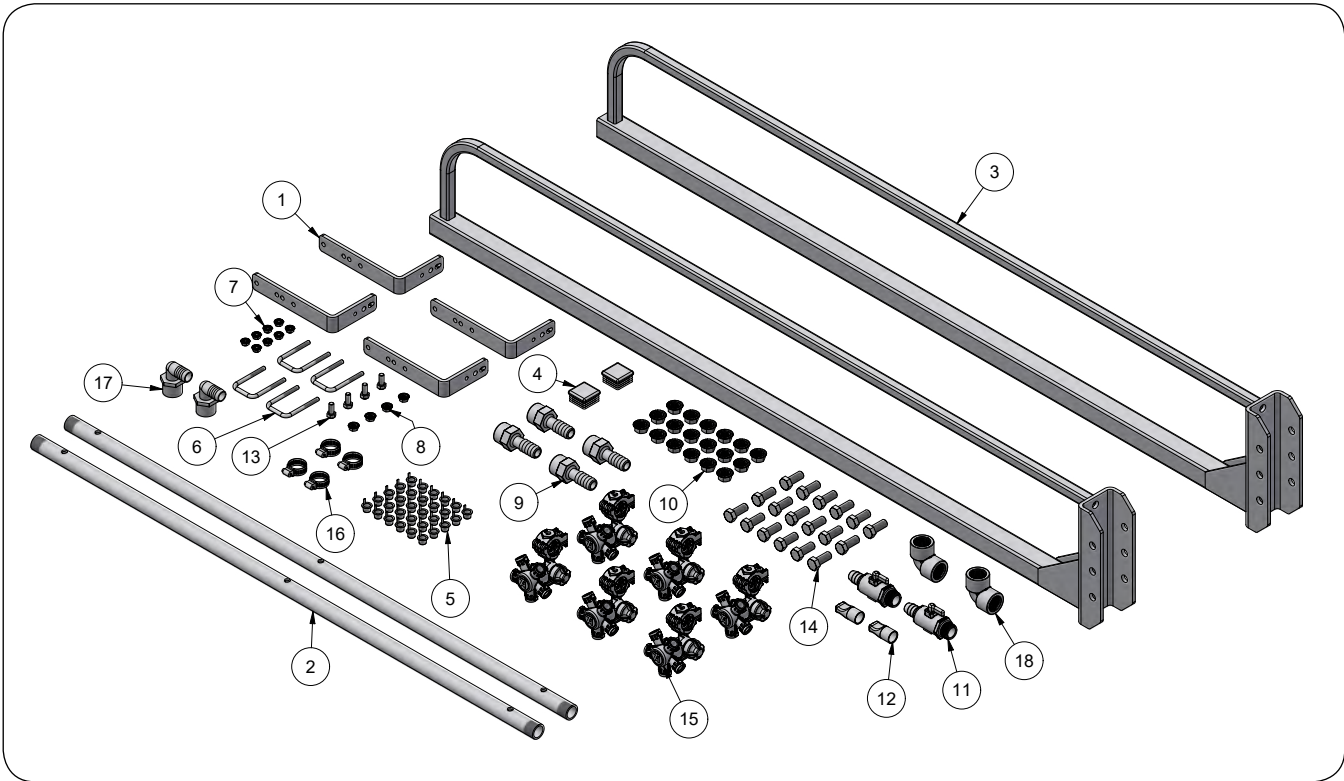
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
	407801	90' Conversion Kit (15" Spacing)	1	15" Spacing Kit
	407800	90' Conversion Kit (20" Spacing)	1	20" Spacing Kit
1	407476B	Nozzle Bracket Plate, 1 3/16" x 10 5/8" =Black=	4	
2	407496	Spray Pipe, 3/4 SCH40 x 50"	2	15" Spacing Kit
	407477	Spray Pipe, 3/4 SCH40 x 45"	2	20" Spacing Kit
3	407639B	Extension Weldment =Black=	2	
4	9003939	Tapered Plastic Plug, 1/2" Dia. (RED LDPE) w/Lift Tab	40	15" Spacing Kit
			30	20" Spacing Kit
5	9004570	Plastic Plug, 1 1/2" x 2"	4	
6	9004714	U-Bolt, 1/4"-20UNC x 2 3/4", 1 13/16" C/C	4	Stainless Steel
7	9004720	Flange Nut, 1/4"-20UNC	8	Stainless Steel
8	9005639	Flange Nut, 5/16"-18UNC	4	Stainless Steel
9	9005650	Adapter, 3/4"14NPT Thread x 3/4" Hose Barb	4	
10	9005691	Flange Nut, 1/2"-13UNC	24	Stainless Steel
11	9007699	Valve, Poly, Micro, 3/4" MPT x 3/4" Hose Barb	2	
12	9007767	Cap, 3/4" Dia. (Black)	2	
13	900900-028	Capscrew, 5/16"-18UNC x 3/4"	4	Stainless Steel
14	900900-100	Capscrew, 1/2"-13UNC x 1 1/4"	24	Stainless Steel
15	9009993	Quint Nozzle Body w/ RH Check Valve, Teejet Model 370	8	15" Spacing Kit
			6	20" Spacing Kit
16	TA800910	Hose Clamp, 1/2" SAE (SZ-12)	4	Stainless Steel
17	TA809826	90° Elbow, 3/4-14 NPT Female Thread x 3/4" Hose Barb	2	
18	TA814762	Cap, 3/4 NPT Female (Black)	2	20" Spacing Kit ONLY
19	TA814791	90° Elbow, 3/4-14 NPT Female x 3/4-14 NPT Female	2	

Front-Fold Booms 80' / 90' / 100' — Parts

90' To 100' Conversion Kits

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

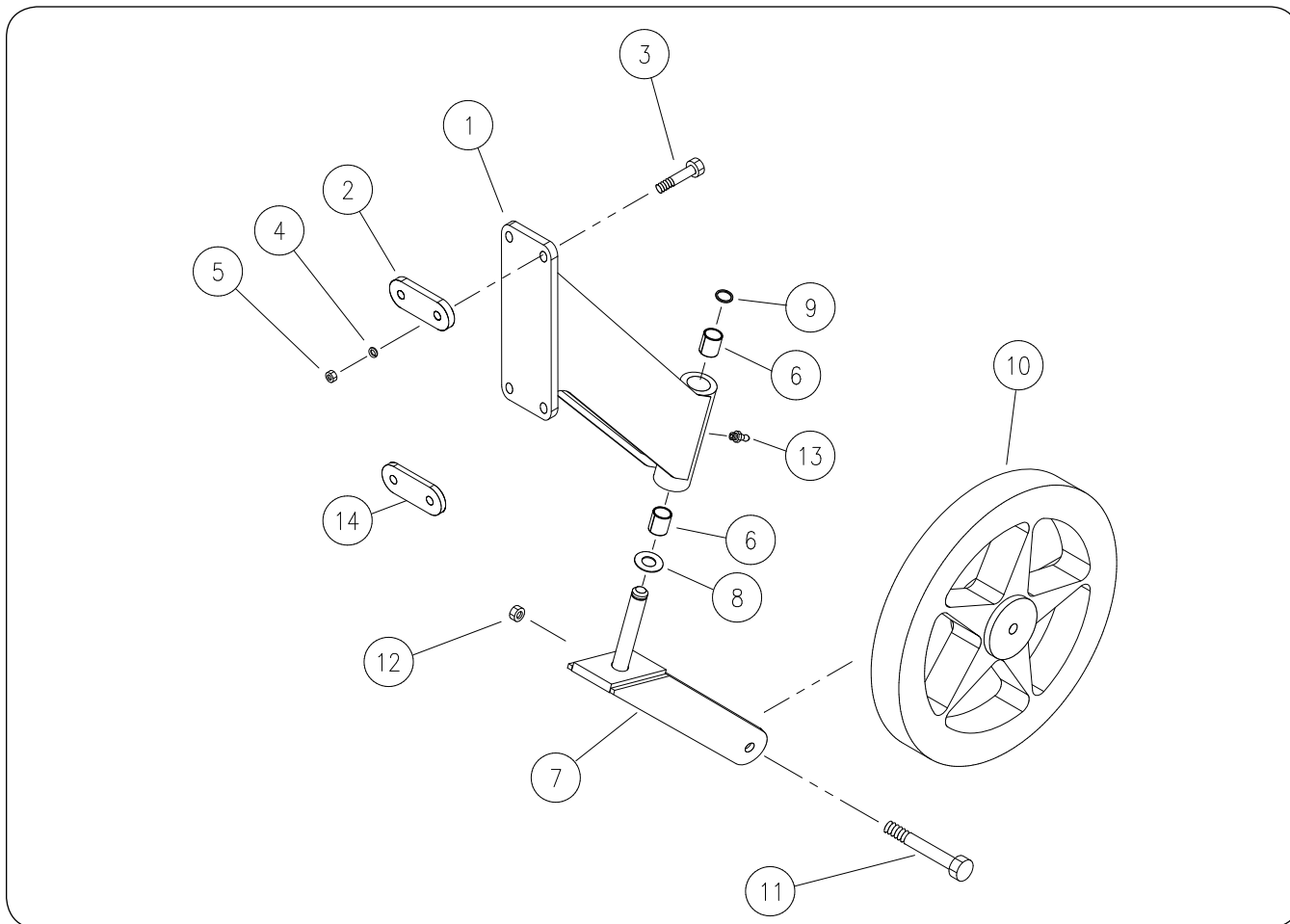
90' To 100' Conversion Kits

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
	408363	100' Conversion Kit (15" Spacing)	1	15" Spacing Kit
	408362	100' Conversion Kit (20" Spacing)	1	20" Spacing Kit
1	407476B	Nozzle Bracket Plate, 1 3/16" x 10 5/8" =Black=	4	
2	407496	Spray Pipe, 3/4 SCH40 x 50"	2	15" Spacing Kit
	407477	Spray Pipe, 3/4 SCH40 x 45"	2	20" Spacing Kit
3	407646B	Extension Weldment =Black=	2	
4	9001645	Plastic Plug, 1 1/2" x 1 1/2"	2	
5	9003939	Tapered Plastic Plug, 1/2" Dia. (RED LDPE) w/Lift Tab	40	15" Spacing Kit
			30	20" Spacing Kit
6	9004714	U-Bolt, 1/4"-20UNC x 2 3/4", 1 13/16" C/C	4	Stainless Steel
7	9004720	Flange Nut, 1/4"-20UNC	8	Stainless Steel
8	9005639	Flange Nut, 5/16"-18UNC	4	Stainless Steel
9	9005650	Adapter, 3/4"14NPT Thread x 3/4" Hose Barb	4	
10	9005691	Flange Nut, 1/2"-13UNC	18	Stainless Steel
11	9007699	Valve, Poly, Micro, 3/4" MPT x 3/4" Hose Barb	2	
12	9007767	Cap, 3/4" Dia. (Black)	2	
13	900900-028	Capscrew, 5/16"-18UNC x 3/4"	4	Stainless Steel
14	900900-100	Capscrew, 1/2"-13UNC x 1 1/4"	18	Stainless Steel
15	9009993	Quint Nozzle Body w/ RH Check Valve, Teejet Model 370	8	15" Spacing Kit
			6	20" Spacing Kit
16	TA800910	Hose Clamp, 1/2" SAE (SZ-12)	4	
17	TA809826	90° Elbow, 3/4-14 NPT Female Thread x 3/4" Hose Barb	2	
18	TA814791	90° Elbow, 3/4-14 NPT Female x 3/4-14 NPT Female	2	

Boom Wheel (Optional)

Please visit www.unverferth.com/parts/ for the most current parts listing.

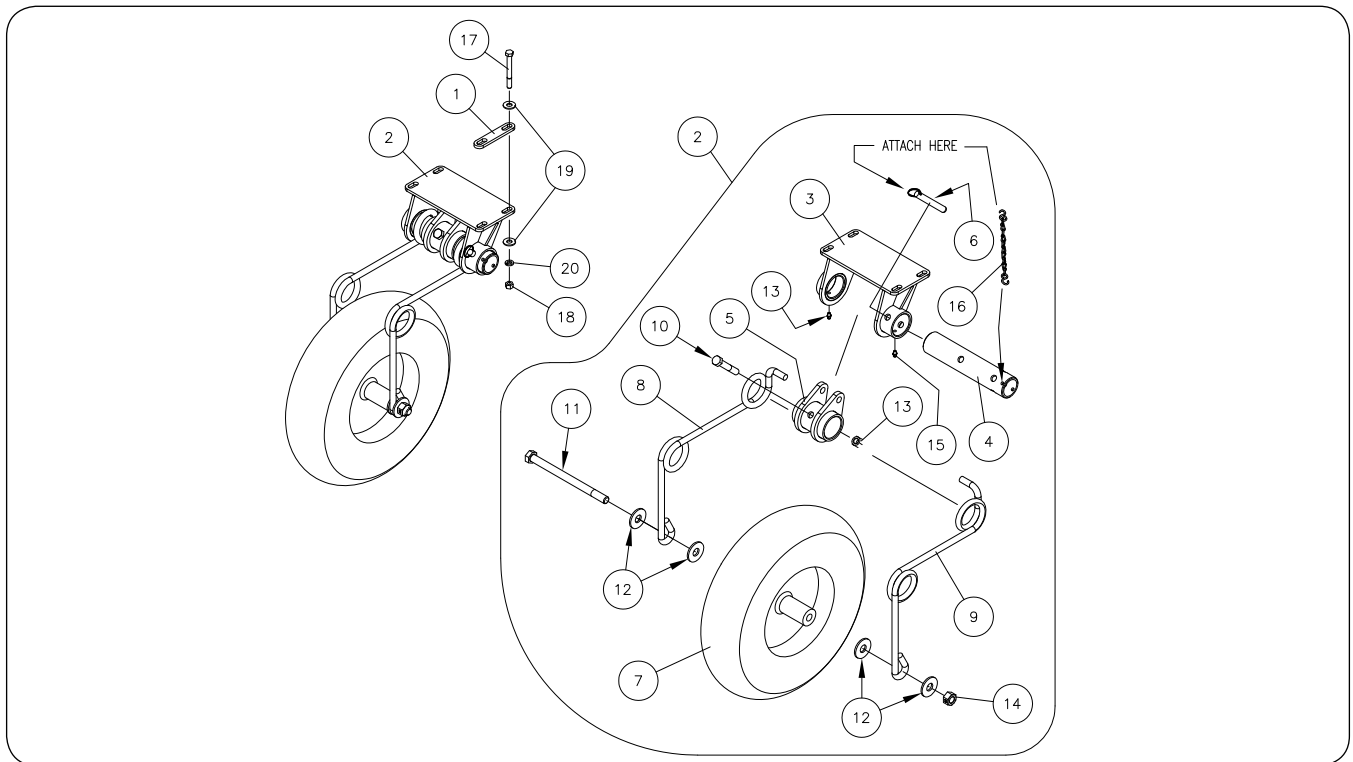


ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
	402587	Complete Wheel Assembly Kit	2	Includes Items 1 - 13
1	402348B	Boom Wheel Bracket Weldment	2	
2	401745B	Plate, Clamp	4	
3	900900-068	Capscrew, 3/8"-16UNC x 4 1/2"	8	Stainless Steel
4	900903-021	Lock Washer, 3/8"	8	Stainless Steel
5	900901-006	Hex Nut, 3/8"-16UNC	8	Stainless Steel
6	9003440	Self-Lubricating Bushing, 1.1275" OD x 1.010" ID x 1.250"	4	
7	402353B	Boom Wheel Pivot Weldment	2	3/4" / 1" Shaft
8	900902-058	Flat Washer, 1" SAE	2	Stainless Steel
9	91192	Retaining Ring, 1"	2	
10	TA510564	14" Outer Wheel	2	
11	900900-110	Capscrew, 1/2"-13UNC x 3 3/4"	2	Stainless Steel
12	900906-010	Locknut, 1/2"-13UNC	2	Stainless Steel
13	91160	Grease Zerk, 1/4-28	2	
14	407700B	Shim	2	Used when equipped with foam marker
15	900902-044	Flat Washer, 1/2" USS	4	

Front-Fold Booms 80' / 90' / 100' — Parts

Boom Wheel (Optional)

Please visit www.unverferth.com/parts/ for the most current parts listing.



ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
	406726	Boom Wheel Assembly	2	Includes Items 1 - 13
1	406452B	Bolt Plate =Black=	4	
2	406462	Boom Wheel Assembly	2	
3	406443B	Wheel Bracket Weldment =Black=	1	
4	406448B	Spring Tube =Black=	1	
5	406449B	Spring Retainer Weldment =Black=	1	
6	9000002	Hitch Pin, 1/2 Dia. x 3	1	
7	9004676	Wheel/Tire	1	
	9004678	8" Steel Wheel	1	
	9004677	Tire - 4.80-8 (4 Ply)	1	
	9003988	Valve Stem	1	
8	9004849B	RH Wheel Spring =Black=	1	
9	9004867B	LH Wheel Spring =Black=	1	
10	900900-107	Capscrew, 1/2"-13UNC x 3"	1	Stainless Steel
11	900900-441	Capscrew, 5/8"-11UNC x 8 1/2"	1	Stainless Steel
12	900902-050	Flat Washer, 5/8"	4	Stainless Steel
13	900906-010	Locknut, 1/2"-13UNC	1	Stainless Steel
14	900906-014	Locknut, 5/8"-11UNC	1 - 4	Stainless Steel
15	91160	Grease Zerk, 1/4-28	2	
16	TA0-903700-0	End Fill Chain	AR	
17	900900-064	Capscrew, 3/8"-16UNC x 3 1/4"	8	Stainless Steel
18	900901-006	Hex Nut, 3/8"-16UNC	8	Stainless Steel
19	900902-038	Flat Washer, 3/8"	16	Stainless Steel
20	900903-021	Lock Washer, 3/8"	8	Stainless Steel

Height Control Wheel Components

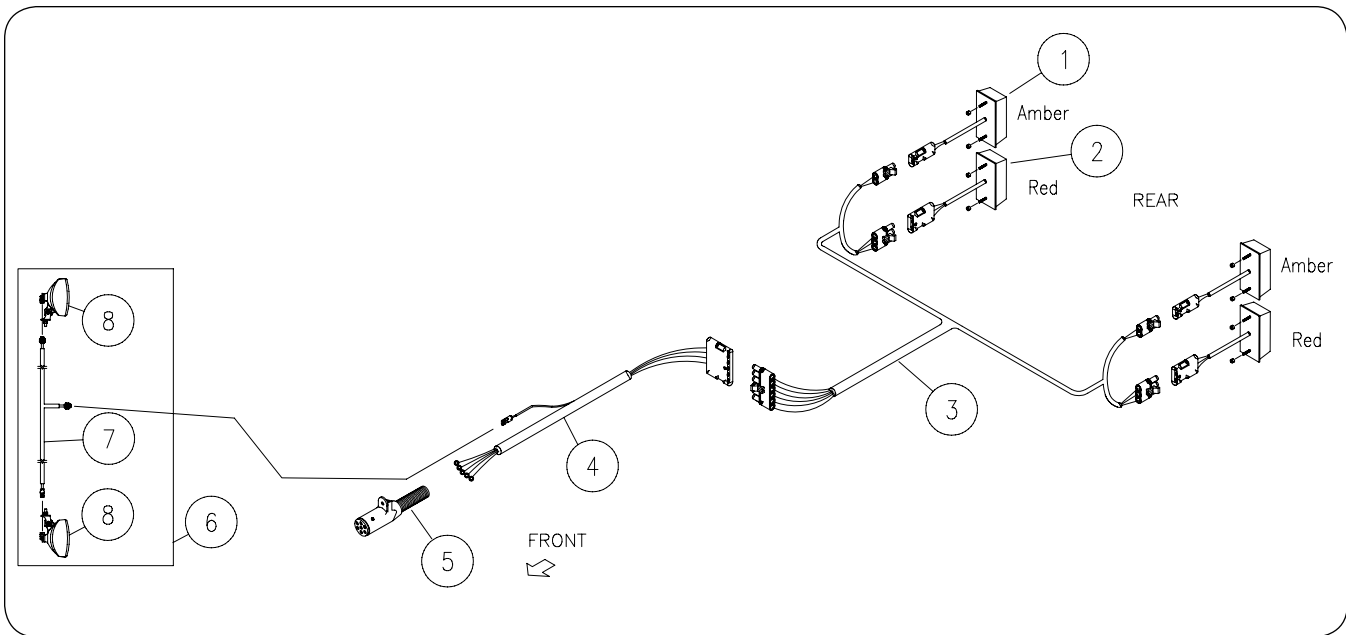
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
	411071B	RH Height Control Wheel Assembly =Black=	1	
	408761B	LH Height Control Wheel Assembly =Black=	1	
1	31051B	Complete Hub Assembly =Black=	1	
2	31050B	Hub Assembly =Black=	1	
3	92521	Hub Cap	1	
4	91050	Flat Washer, 3/4	1	
5	92523	Bearing Cone	2	
6	92525	Seal	1	
7	91829	Wheel Bolt, 1/2"-20UNF x 1 5/8"	5	
8	408674B	RH Bracket Plate =Black=	1	
9	408675B	LH Bracket Plate =Black=	1	
10	408715B	Hub Cap Guard Plate =Black=	1	
11	409210	Locking Pin	2	
12	413792B	Wheel Pivot Mount Weldment =Black=	1	
13	413798B	Spindle	1	
14	413802	Pivot Bushing Tube	1	
15	413803	Spacer Bushing	2	
16	9004397	Self-Lubricating Bushing, 1.131" OD x 1.008" ID x 0.750"	2	
17	9005332	Flange Nut, 3/4"-10UNC Gr. 5	2	
18	9006523	Wheel/Tire	1	
19	9008420	Coil Over Shock Assembly	1	
20	900900-104	Capscrew, 1/2"-13UNC x 2 1/4"	1	Stainless Steel
21	900900-107	Capscrew, 1/2"-13UNC x 3"	1	Stainless Steel
22	900900-155	Capscrew, 3/4"-13UNC x 5"	1	Stainless Steel
23	900906-010	Locknut, 1/2"-13UNC	2	Stainless Steel
24	900906-016	Locknut, 3/4"-10UNC	1	Stainless Steel
25	9391-033	Cotter Pin	1	
26	9393-016	Slotted Nut, 3/4"-16UNF	1	

Front-Fold Booms 80' / 90' / 100' — Parts

Electrical - Boom Lighting

Please visit www.unverferth.com/parts/ for the most current parts listing.



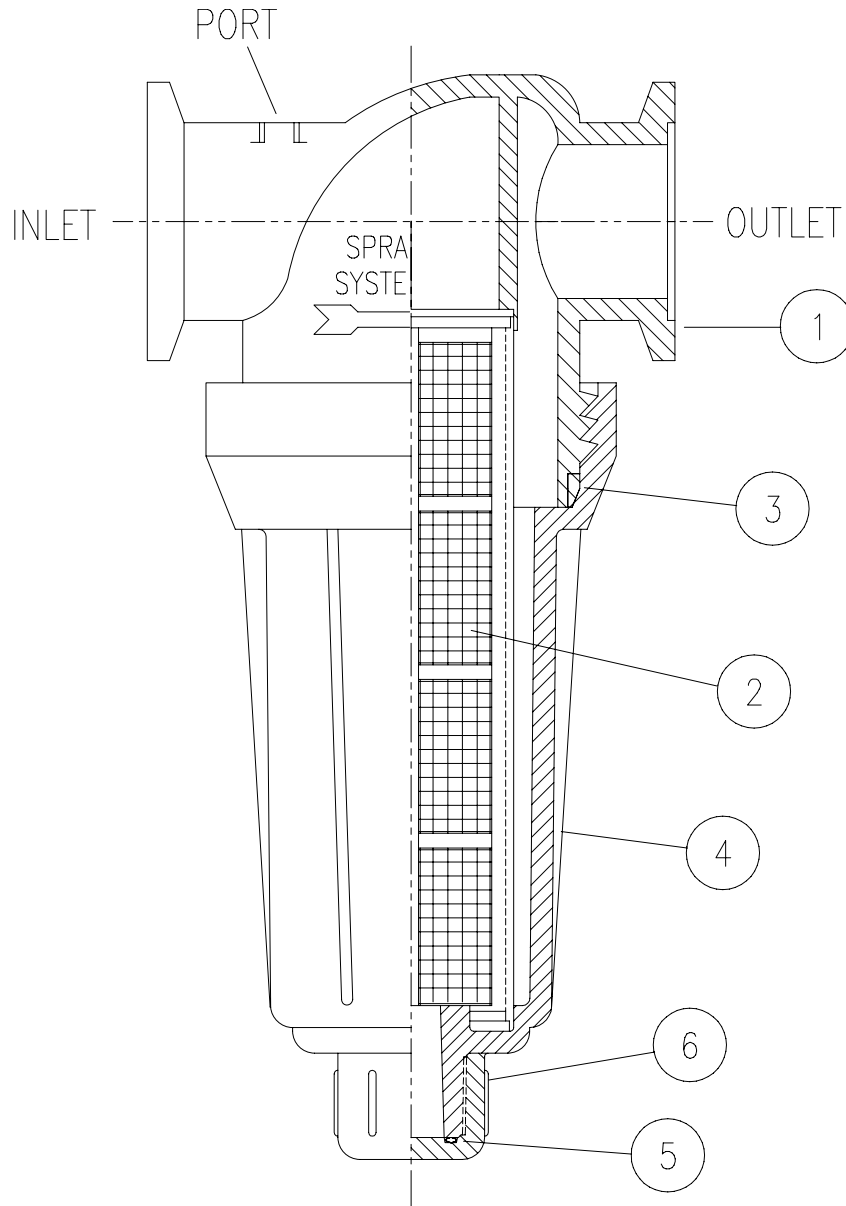
ITEM	PART NUMBER	DESCRIPTION	QTY.	NOTES
1	232168	Light Kit, Amber (LED)	2	Includes Hardware
2	232170	Light Kit, Red (LED)	2	Includes Hardware
3	9004131	Wiring Harness - Rear	1	
4	9004577	Wiring Harness - Front	1	
5	92450	Electrical Coupler	1	
6	404741	Optional Boom Light	-	
7	9004578	Harness, Boom Light	1	
8	9004579	Flood Light - Oval	2	
	9004581	Replacement Bulb	A/R	
9	9005413	Control Box Fuse Holder Panel Mount	-	Not Shown

Notes

Please visit www.unverferth.com/parts/ for the most current parts listing.

Strainer

Please visit www.unverferth.com/parts/ for the most current parts listing.



Strainer

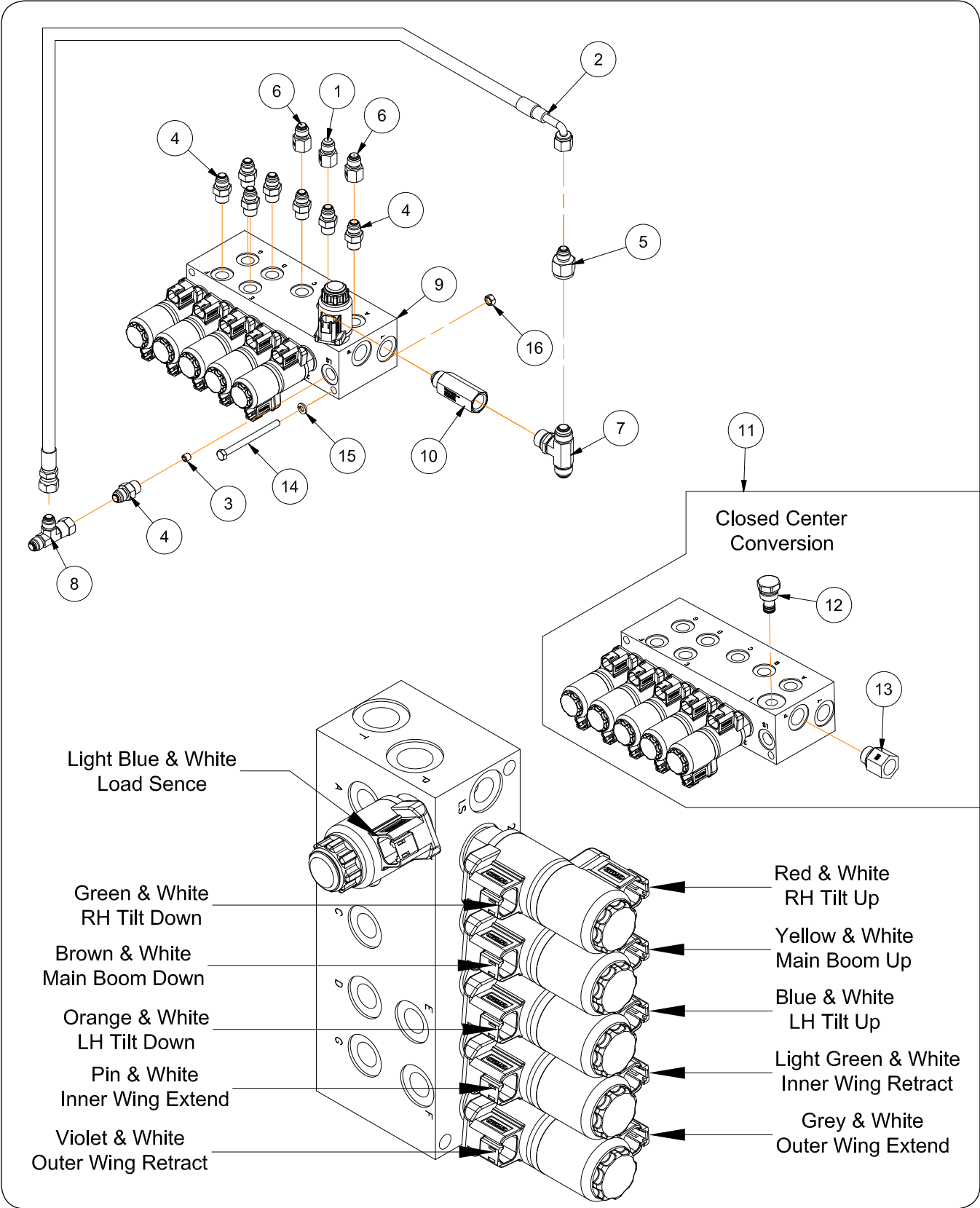
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
	402255	Strainer Complete	1	2" Flange
1	N/A	Strainer Head	1	
2	TA869070	Screen, 50 Mesh (Red)	1	
3	TA867486	Gasket, EPDM	1	
4	TA868842	Bowl, Polypropylene	1	
5	TA868843	O-Ring, Viton	1	
6	TA868844	Cap, Polypropylene	1	

Front-Fold Booms 80' / 90' / 100' — Parts

Hydraulic Control Valve, Fittings, and Mounting Hardware

Please visit www.unverferth.com/parts/ for the most current parts listing.



Hydraulic Control Valve, Fittings, and Mounting Hardware

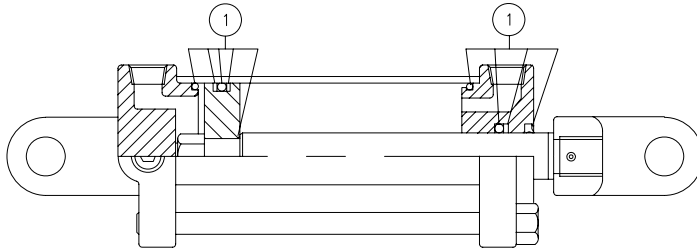
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	9002199	Adapter, 9/16"-18 JIC Female x 9/16"-18 JIC Male	1	w/ 0.060 Restrictor
2	9004112	Hose, 1/4" Dia. x 14" (9/16"-18 JIC Female x 9/16"-18 JIC Female 90° Short Drop)	1	
3	9004326	Hollow Hex Pipe Plug, 1/16"-27 NPT	1	
4	9006150	Adapter, 9/16"-18 JIC Flare O x 9/16"-18 O-Ring Male	8	
5	9006152	TB Reducer, 3/4"-16 JICF x 9/16"-18 JIC Flare O	1	
6	9006153	Adapter, 9/16"-18 JIC Female x 9/16"-18 JIC Male Flare O	2	w/ 0.045 Restrictor
7	9006155	Tee, 3/4"-16 JIC Male Flare O x 3/4"-16 JIC Male Flare O x 3/4"-16 O-Ring Male	1	
8	9006157	Tee, 9/16"-18 Male Flare O x 9/16"-18 Male Flare O x 9/16"-18 JIS Female Swivel	1	
9	9006399	Hydraulic Valve, 5 Spool	1	
10	94909	In-Line Check Valve w/3/4"-16 O-Ring Male x 3/4"-16 O-Ring Female	1	
11	406107	Closed Center Conversion Kit	-	Includes Items 12 & 13
12	9006486	Cavity Plug	1	
13	9006531	Adapter, 3/4"-16 O-Ring Male x 3/4"-16 O-Ring Female	1	w/ 0.060 Restrictor
14	9390-042	Capscrew, 5/16"-18UNC x 4" G5	3	
15	9404-019	Lock Washer, 5/16"	3	
16	9394-004	Hex Nut, 5/16"-18UNC	3	

Front-Fold Booms 80' / 90' / 100' — Parts

Hydraulic Cylinders - Tie Rod

Please visit www.unverferth.com/parts/ for the most current parts listing.

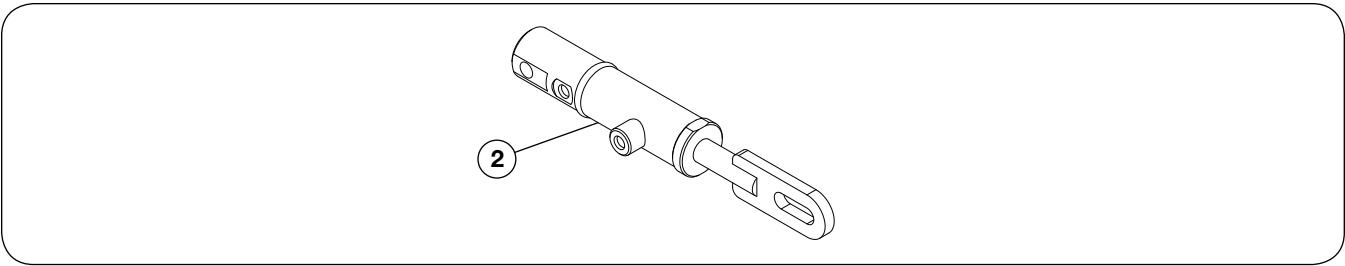
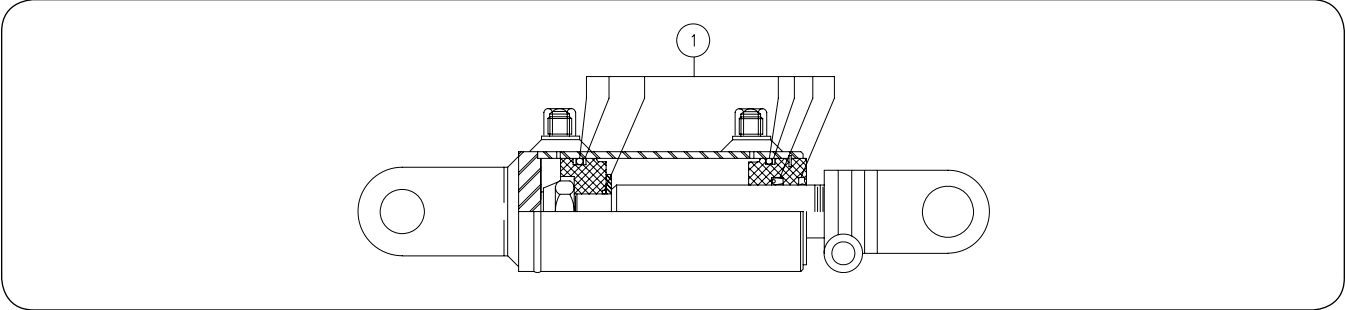


ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	9003680	Hydraulic Cylinder, 2" x 24" (3000PSI)	2	Main Lift
	9003105	Seal Kit for 2" x 24" Cylinder	-	
1	9003959	Hydraulic Cylinder, 2" x 14" (3000PSI)	2	Main Wing Pivot
	9003105	Seal Kit for 2" x 14" Cylinder	-	
	9002123	Hydraulic Cylinder, 2 1/2" x 14" (3000PSI)	2	Tilt
	95388	Seal Kit for 2 1/2" x 14" Cylinder	-	Main Wing Pivot & Tilt

Front-Fold Booms 80' / 90' / 100' — Parts

Hydraulic Cylinders - Welded

Please visit www.unverferth.com/parts/ for the most current parts listing.

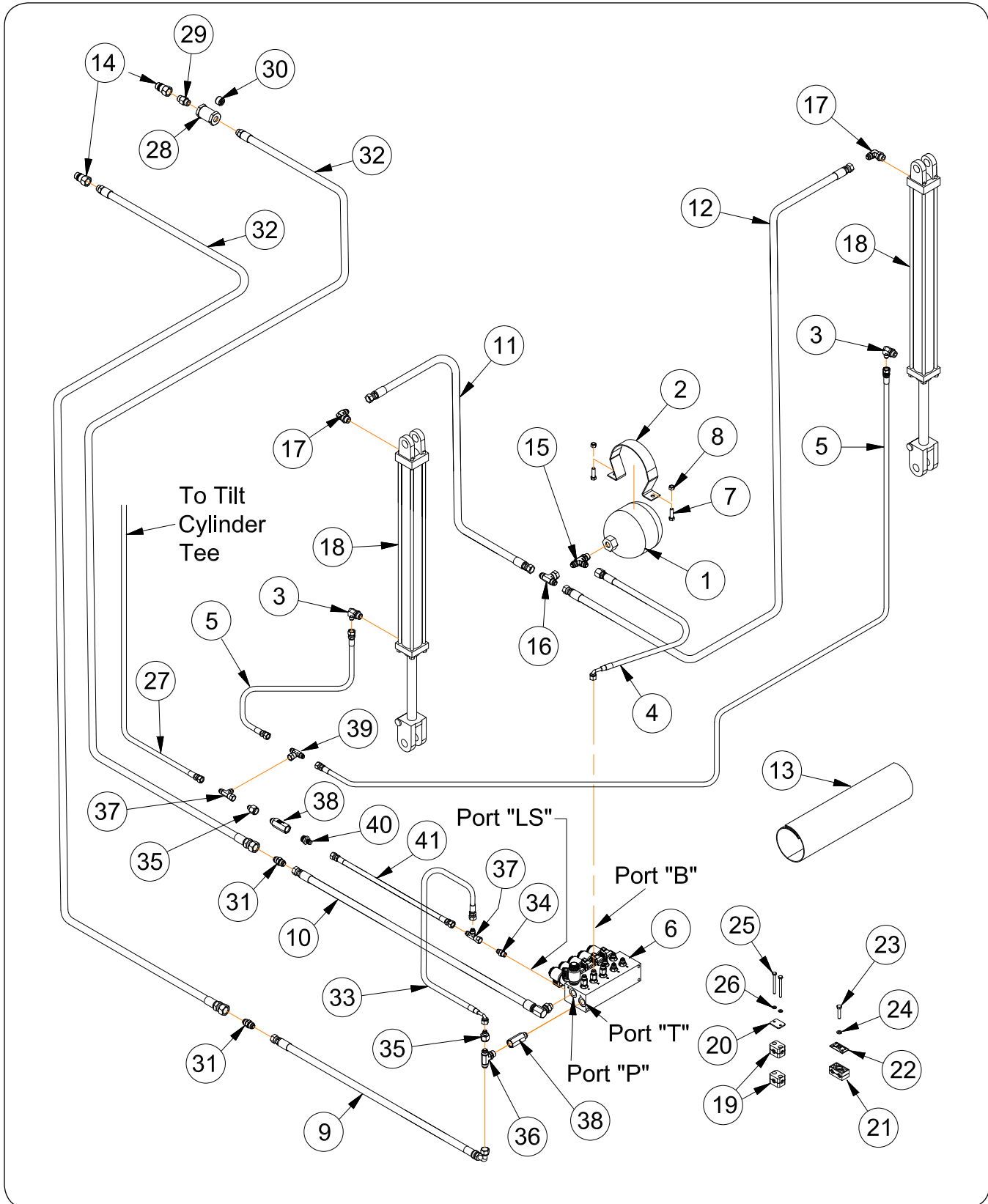


ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	9003789	Hydraulic Cylinder, 1 1/2" x 4" (3000PSI)	2	Intermediate Wing Latch
	9005419	Seal Kit for 1 1/2" x 4" Cylinder	-	
1	9004619	Hydraulic Cylinder, 2 1/2" x 16" (3000PSI)	2	Outer Wing Fold
	9004503	Seal Kit for 2 1/2" x 16" Cylinder	-	
2	9005606	Hydraulic Cylinder, 1 1/4" x 1" (3000PSI)	1	Boom Lift Lock
	9005658	Seal Kit for 1 1/4" x 1" Cylinder	-	

Front-Fold Booms 80' / 90' / 100' — Parts

Hydraulic System — To Tractor & Main Lift Cylinders

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Hydraulic System — To Tractor & Main Lift Cylinders

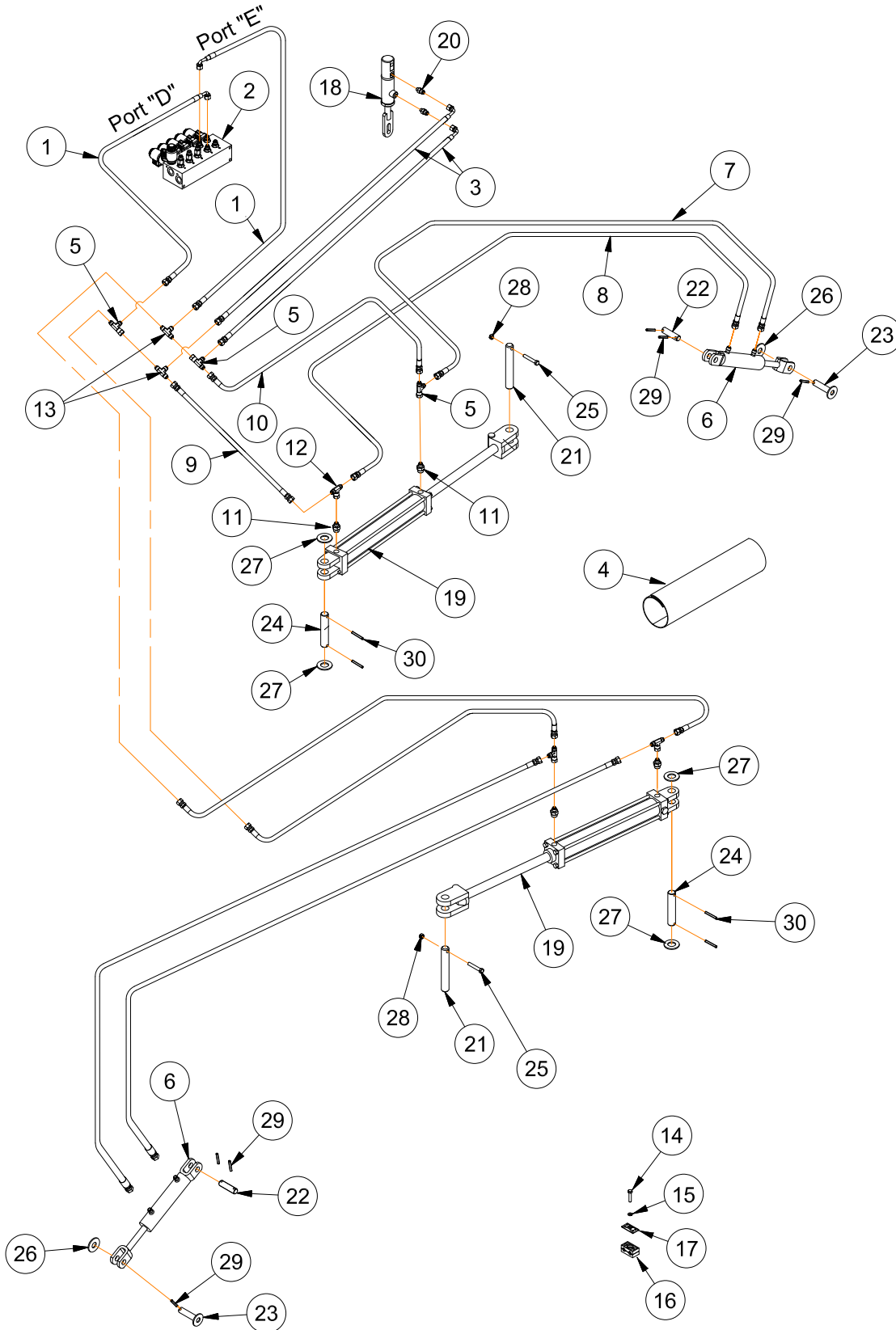
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	9003796	Hydraulic Accumulator, 6" Dia. 1.4L Diaphragm (400PSI Pre-Charge)	1	
2	400665B	Accumulator Clamp	1	
3	9006173	90° Elbow, 3/4-16 O-Ring Male x 9/16-18 Male Flare O	2	
4	9003681	Hose, 3/8" x 18" (3/4-16 JIC Female x 9/16-18 JIC Female 90° Short Drop)	1	
5	9004443	Hose, 1/4" x 45" (9/16-18 JIC Female x 9/16 JIC Female)	2	
6	-	5 Spool Control Valve (See Hydraulic Control Valve, Fittings, & Mtg Hdw)	1	
7	9390-056	Capscrew, 3/8"-16UNC x 1 1/4" G5	2	
8	9928	Locknut/Top, 3/8"-16UNC	2	
9	9005835	Hose, 1/2 x 260" (3/4-16 JIC Female x 3/4-16 JIC Female 90° Short Drop)	1	Return
10	9006241	Hose, 1/2 x 260" (3/4-16 JIC Female x 3/4-16 O-Ring Male 90°)	1	Pressure
11	9003834	Hose, 1/2" x 17 1/2" (3/4-16 JIC Female x 3/4-16 JIC Female)	1	
12	94086	Hose, 1/2" x 36" (3/4-16 JIC Female x 3/4-16 JIC Female)	1	
13	9003849	Hose Wrap, 3"	6	
14	91383	Male Tip Coupling, 3/4-16 O-Ring Female Threaded	4	
15	9006159	Tee, 3/4-16 JIC Male Flare O x 3/4-16 JIC Male Flare O x 3/4-16 Male O-Ring	3	
16	9006160	Tee, 3/4-16 JIC Male Flare O x 3/4-16 JIC Male Flare O x 3/4-16 JIS Female	1	
17	9006167	90° Elbow, 3/4-16 Male O-Ring x 3/4-16 JIC Male Flare O	2	
18	9003680	Hydraulic Cylinder, 2" x 24" (3000PSI)	2	Main Lift
19	9003815	Clamp Single Hose, 0.55" Dia. Pair	8	
20	9003813	Top Plate, Single	4	
21	9003816	Clamp Double Hose, 0.55" Dia. Pair	28	
22	9003814	Top Plate, Double	28	
23	900900-032	Capscrew, 5/16"-18UNC x 1 1/2" (Stainless Steel)	28	
24	900903-019	Lock Washer, 5/16" (Stainless Steel)	28	
25	900900-012	Capscrew, 1/4"-20UNC x 2 3/4" (Stainless Steel)	8	
26	900903-017	Lock Washer, 1/4" (Stainless Steel)	8	
27	97405	Hose, 1/4" x 74" (9/16-18 JIC Female x 9/16-18 JIC Female)	1	
28	9005403	120 Micron Hydraulic Filter (Installed on pressure hose of tractor)	1	
29	98508	Adapter, 3/4-16 O-Ring Male x 3/4-16 O-Ring Male	3	
30	9005404	120 Micron Filter Element	1	
31	9006156	Adapter, 3/4-16 JIC Male Flare O x 3/4-16 JIC Male Flare O	2	
32	9001103	Hose, 1/2" x 152" (3/4-16 JIC Female x 3/4-16 O-Ring Male)	2	
33	9004112	Hose, 1/4" Dia. x 14" (9/16-18 JIC Female x 9/16-18 JIC Female 90° Short Drop)	1	
34	9006150	Adapter, 9/16-18 JIC Flare O x 9/16-18 O-Ring Male	1	
35	9006152	TB Reducer, 3/4-16 JICF x 9/16-18 JIC Flare O	2	
36	9006155	Tee, 3/4-16 JIC Male Flare O x 3/4-16 JIC Male Flare O x 3/4-16 O-Ring Male	1	
37	9006157	Tee, 9/16-18 Male Flare O x 9/16-18 Male Flare O x 9/16-18 JIS Female Swivel	1	
38	94909	In-Line Check Valve w/3/4-16 O-Ring Male x 3/4-16 O-Ring Female	1	
39	9006158	Tee, 9/16-18 Male Flare O x 9/16-18 Male Flare O x 9/16-18 JIC Female	1	
40	92927	Adapter, 9/16-18 JIC Male x 3/4-16 O-Ring Male	1	
41	9003273	Hose, 1/4" x 20" (9/16-18 JIC Female x 9/16-18 JIC Female)	1	

Front-Fold Booms 80' / 90' / 100' — Parts

Hydraulic System — Main Pivot & Intermediate Wing Cylinders

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

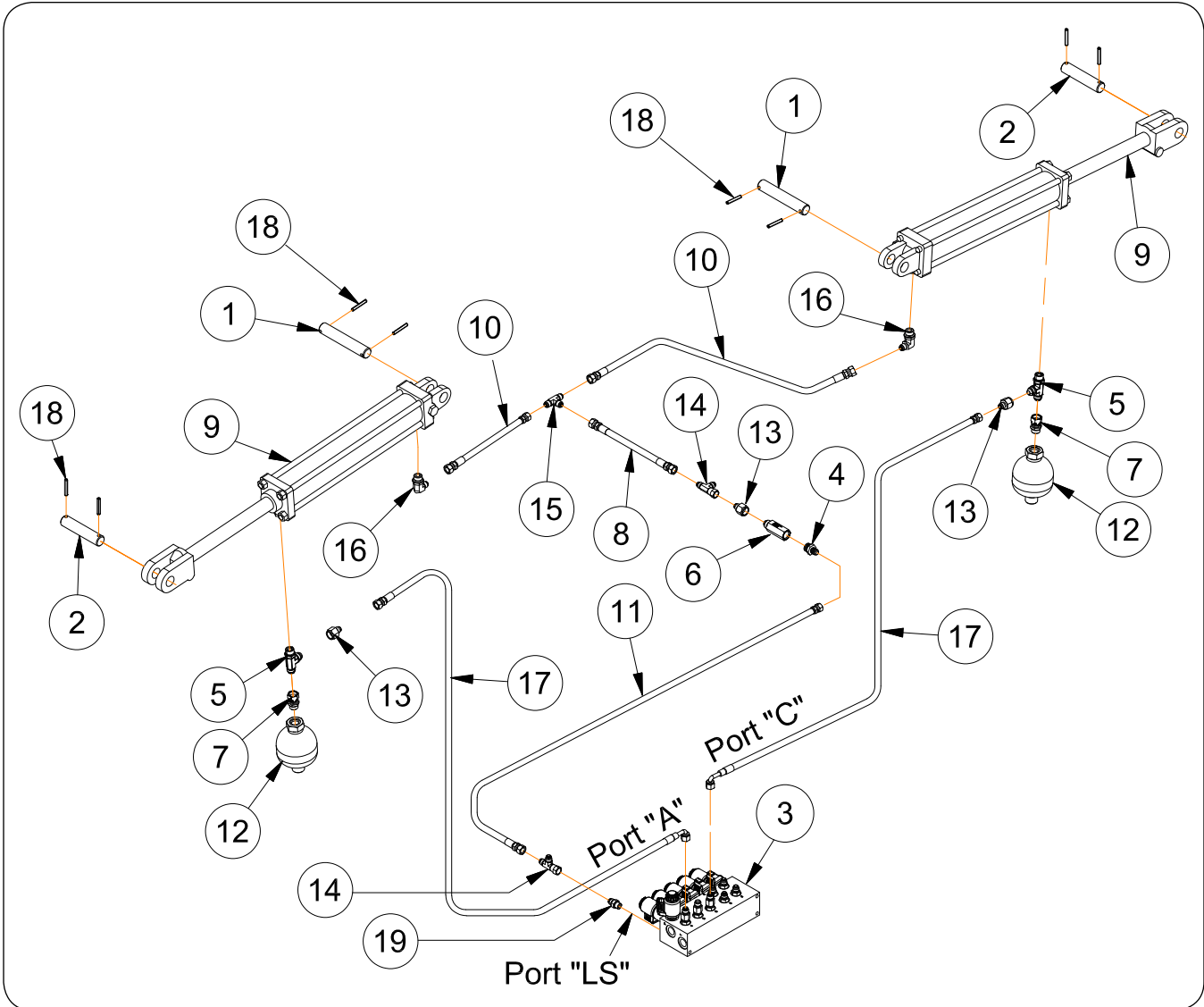
Hydraulic System — Main Pivot & Intermediate Wing Cylinders

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	9000925	Hose, 1/4" x 78" (9/16-18 JIC Female x 9/16-18 JIC Female 90° Short Drop)	4	
2	-	5 Spool Control Valve (See Hyd Control Valve, Fittings, & Mtg Hdw)	1	
3	9003836	Hose, 1/4" x 31" (9/16-18 JIC Female x 9/16-18 JIC Female 90° Medium Drop)	2	
4	9003849	Hose Wrap, 3"	6	
5	9006157	Tee, 9/16-18 JIC Male Flare 0 x 9/16-18 JIC Male Flare 0 x 9/16-18 JIS Female	2	
6	9003789	Hydraulic Cylinder, 1 1/2" x 4" (3000PSI)	2	Interm. Wing Latch
7	9001854	Hose, 1/4" x 200" (9/16-18 JIC Female x 9/16-18 JIC Female)	2	
8	9003221	Hose, 1/4" x 217" (9/16-18 JIC Female x 9/16-18 JIC Female)	2	
9	9003897	Hose, 1/4" x 22" (9/16-18 JIC Female x 9/16-18 JIC Female)	2	
10	9003436	Hose, 1/4" x 39 1/2" (9/16-18 JIC Female x 9/16-18 JIC Female)	2	
11	9006162	Adapter, 9/16-18 JIC Male Flare 0 x 3/4-16 O-Ring Male w/ 0.030 Restrictor	4	
12	9006158	Tee, 9/16-18 JIC Male Flare 0 x 9/16-18 JIC Male Flare 0 x 9/16-18 JIC Female	2	
13	9006164	Tee, 9/16-18 JIC Male Flare 0 x 9/16-18 JIC Male Flare 0 x 9/16-18 JIC Male Flare 0	4	
14	900900-032	Capscrew, 5/16"-18UNC x 1 1/2" (Stainless Steel)	28	
15	900903-019	Lock Washer, 5/16" (Stainless Steel)	28	
16	9003816	Clamp Double Hose, 0.55" Dia. Pair	28	
17	9003814	Top Plate, Double	28	
18	9005606	Hydraulic Cylinder, 1 1/4" x 1" (3000PSI)	1	Latching/Boom Lift
19	9003959	Hydraulic Cylinder, 2" x 14" (3000PSI)	2	Main Pivot
20	9006163	Adapter, 9/16-18 JIC Male Flare 0 x 7/16-20 O-Ring Male	2	
21	400540	Cylinder Pin, 1" Dia. x 6 13/16"	2	
22	401378	Cylinder Pin, 3/4" Dia. x 2 13/16"	2	
23	401379	Cylinder Pin Weldment, 3/4" Dia.	2	
24	401765	Cylinder Pin, 1" Dia. x 5 1/16"	2	
25	900900-060	Capscrew, 3/8"-16UNC x 2 1/4" (Stainless Steel)	2	
26	900902-053	Flat Washer, 3/4" USS (Stainless Steel)	2	
27	900902-058	Flat Washer, 1" SAE (Stainless Steel)	4	
28	900906-006	Locknut/Center, 3/8"-16UNC (Stainless Steel)	2	
29	900910-164	Spiral Pin, 1/4" Dia. x 1 3/4" (Stainless Steel)	6	
30	900910-166	Spiral Pin, 1/4" Dia. x 2" (Stainless Steel)	4	

Hydraulic System — Wing Tilt Cylinders

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

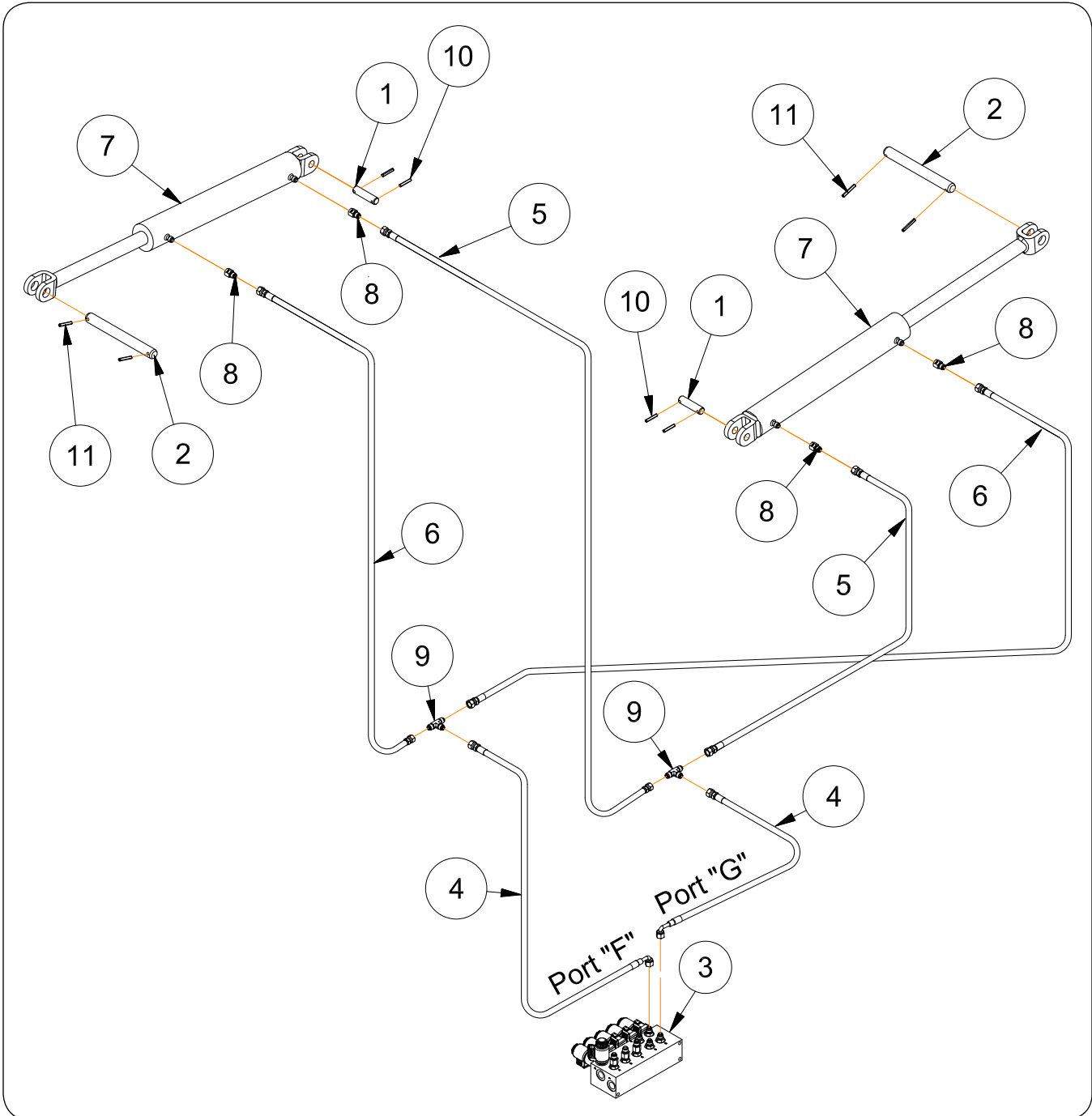
Hydraulic System — Wing Tilt Cylinders

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	401371	Cylinder Pin, 1" Dia. x 5 11/16"	2	
2	807450	Cylinder Pin, 1" Dia. x 4 5/8"	2	
3	-	5 Spool Control Valve (See Hyd Control Valve, Fittings, & Mtg Hdw)	1	
4	92927	Adapter, 9/16-18 JIC Male x 3/4-16 O-Ring Male	1	
5	93588	Tee, 3/4-16 JIC Male x 3/4-16 JIC Male x 3/4-16 O-Ring Male	2	
6	94909	In-Line Check Valve w/3/4-16 O-Ring Male x 3/4-16 O-Ring Female	1	
7	96935	Adapter, 3/4-16 O-Ring Male x 3/4-16 JIC Female	2	
8	97405	Hose, 1/4" x 74" (9/16-18 JIC Female x 9/16-18 JIC Female)	1	
9	9002123	Hydraulic Cylinder, 2 1/2" x 14" (3000PSI)	2	Tilt
10	9003213	Hose, 1/4" x 88" (9/16-18 JIC Female x 9/16-18 JIC Female)	2	
11	9003273	Hose, 1/4" x 20" (9/16-18 JIC Female x 9/16-18 JIC Female)	1	
12	9003811	Hydraulic Accumulator. 3.66" Dia. 0.32L Diaphragm (400PSI Pre-Charge)	2	
13	9006152	Tube Reducer, 3/4-16 JIC Female x 9/16-18 JIC Male Flare O	2	
14	9006157	Tee, 9/16-18 JIC Male Flare O x 9/16-18 JIC Male Flare O x 9/16-18 JIS Female	2	
15	9006164	Tee, 9/16-18 JIC Male Flare O x 9/16-18 JIC Male Flare O x 9/16-18 JIC Male Flare O	1	
16	9006173	90° Elbow, 3/4-16 O-Ring Male x 9/16-18 JIC Male Flare O	2	
17	9009395	Hose, 1/4" x 120" (9/16-18 JIC Female x 9/16-18 JIC Female 90° Short Drop)	2	
18	900910-164	Spiral Pin, 1/4" Dia. x 1 3/4" (Stainless Steel)	8	
19	9006150	Adapter, 9/16-18 JIC Flare O x 9/16-18 O-Ring Male	1	

Hydraulic System — Outer Wing Fold Cylinders

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Hydraulic System — Outer Wing Fold Cylinders

Please visit www.unverferth.com/parts/ for the most current parts listing.

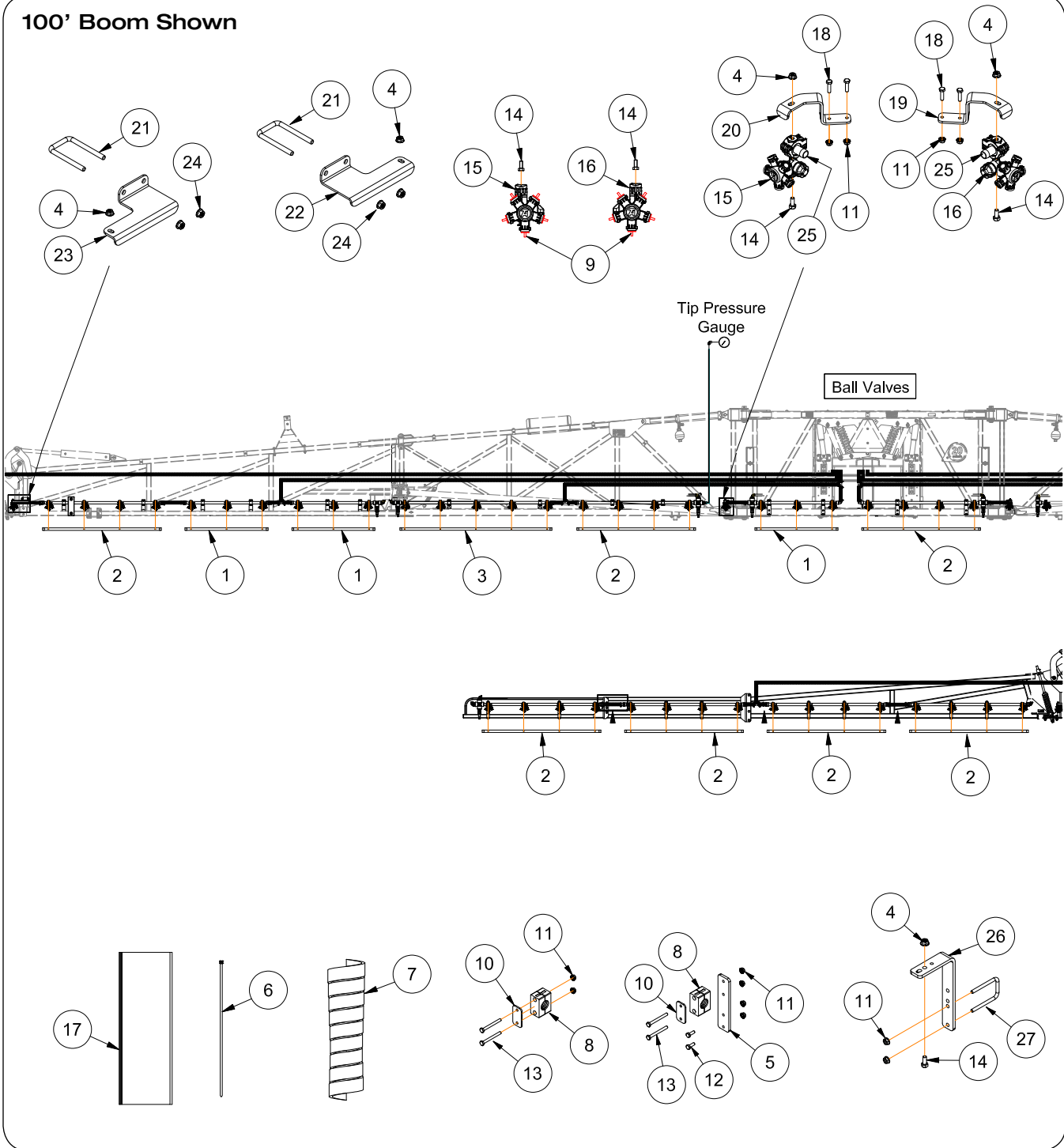
ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	403573	Cylinder Pin, 3/4" Dia. x 2 15/16"	2	
2	407671	Cylinder Pin, 1" Dia. x 9 1/8"	2	
3	-	5 Spool Control Valve (See Hyd Control Valve, Fittings, & Mtg Hdw)	1	
4	9000925	Hose, 1/4" x 78" (9/16-18 JIC Female x 9/16-18 JIC Female 90° Short Drop)	4	
5	9003779	Hose, 1/4 x 354" (9/16-18 JIC Female x 9/16-18 JIC Female 90° Medium Drop)	2	
6	9003780	Hose, 1/4 x 367" (9/16-18 JIC Female x 9/16-18 JIC Female 90° Medium Drop)	2	
7	9004619	Hydraulic Cylinder, 2 1/2" x 16" (3000PSI)	2	Outer Wing Fold
8	9006161	Adapter, 9/16-18 JIC Female x 9/16-18 JIC Male Flare O w/0.030 Restrictor	4	
9	9006164	Tee, 9/16-18 JIC Male Flare O x 9/16-18 JIC Male Flare O x 9/16-18 JIC Male Flare O	1	
10	900910-162	Spiral Pin, 1/4" Dia. x 1 1/2" (Stainless Steel)	4	
11	900910-164	Spiral Pin, 1/4" Dia. x 1 3/4" (Stainless Steel)	4	

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80', 90', & 100' Boom 6-Section 15" Spacing Nozzle Bodies & Mounting Brackets

Please visit www.unverferth.com/parts/ for the most current parts listing.

100' Boom Shown



Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80', 90', & 100' Boom 6-Section 15" Spacing Nozzle Bodies & Mounting Brackets

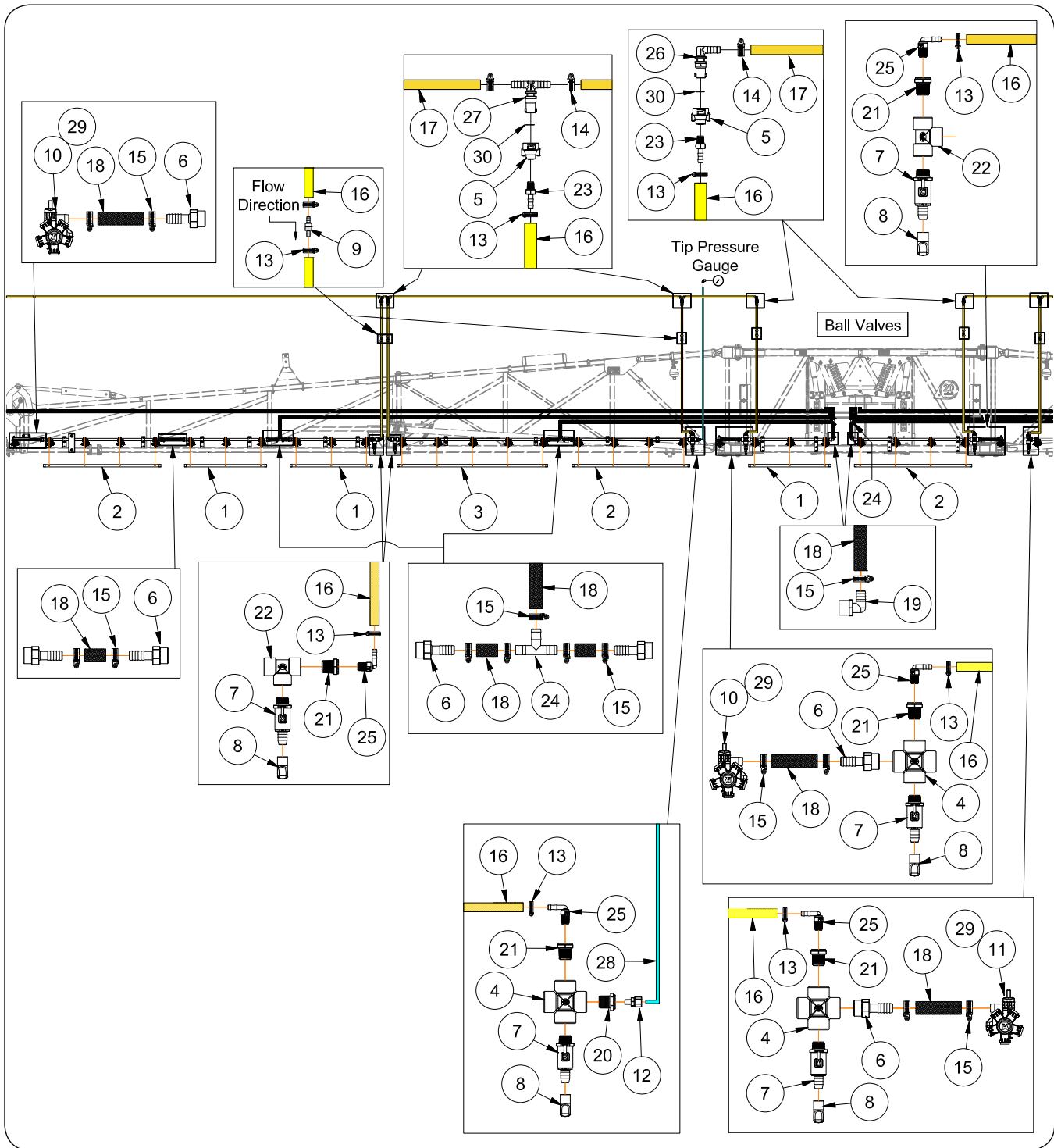
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407495	Pipe, 3/4" SCH40 x 35"	5	
2	407496	Pipe, 3/4" SCH40 x 50"	9	80' Boom
			11	90' Boom
			13	100' Boom
3	407497	Pipe, 3/4" SCH40 x 64"	2	
4	9005639	Flange Nut, 5/16"-18UNC (Stainless Steel)	65	80' Boom
			73	90' Boom
			81	100' Boom
5	401318B	Pipe Bracket	4	
6	9000104	Cable Ties	AR	
7	9004075	Spiral Hose Wrap, 1 3/8" Dia.	36 Ft	
8	9003819	Single Clamp Pair (Polypropylene)	24	
9	9003939	Tapered Plastic Plug	AR	
10	9004038	Top Plate for Single Clamp Pair	24	
11	9004720	Flange Nut, 1/4"-20UNC (Stainless Steel)	52	80' Boom
			60	90' Boom
			68	100' Boom
12	900900-003	Capscrew, 1/4"-20UNC x 3/4" (Stainless Steel)	8	
13	900900-011	Capscrew, 1/4"-20UNC x 2 1/2" (Stainless Steel)	28	
14	900900-028	Capscrew, 5/16"-18UNC x 3/4" (Stainless Steel)	65	80' Boom
			73	90' Boom
			81	100' Boom
15	9009993	Quint Nozzle Body w/ RH Check Valve, Teejet Model 370	60	80' Boom
			68	90' Boom
			76	100' Boom
16	9009994	Quint Nozzle Body w/ LH Check Valve, Teejet Model 370	5	
17	9003805	Hose 4" Wrap	8 Ft	
	9003849	Hose 3" Wrap	8 Ft	
18	900900-005	Capscrew, 1/4"-20UNC x 1" (Stainless Steel)	4	
19	403279B	Nozzle Bracket, Right-Hand =Black=	1	
20	403280B	Nozzle Bracket, Left-Hand =Black=	1	
21	9004684	U-Bolt, 3/8"-16UNC x 4", 2 3/8" C/C (Stainless Steel)	2	
22	407672B	Nozzle Bracket, Right-Hand =Black=	1	
23	407673B	Nozzle Bracket, Left-Hand =Black=	1	
24	9005640	Flange Nut, 3/8"-16UNC (Stainless Steel)	4	
25	TA885397	Hose Shank, 3/4" Single	4	
26	407476B	Outer Boom Nozzle Body Mounting Bracket	8	80' Boom
			12	90' Boom
			16	100' Boom
27	9004714	U-Bolt, 1/4"-20UNC x 2 3/4", 1 13/16" C/C (Stainless Steel)	8	80' Boom
			12	90' Boom
			16	100' Boom

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80', 90', & 100' Center, Main and Intermediate Boom 6-Section 15" Spacing - Plumbing Components

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80', 90', & 100' Center, Main and Intermediate Boom 6-Section 15" Spacing - Plumbing Components

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407495	Pipe, 3/4" SCH40 x 35"	5	
2	407496	Pipe, 3/4" SCH40 x 50"	5	
3	407497	Pipe, 3/4" SCH40 x 64"	2	
4	TA814910	Cross, 34"-14 NPTF Female x 34"-14 NPTF Female x 34"-14 NPTF Female x 34"-14 NPTF Female	3	
5	TA880261	Adapter Cap, QuickJet x 1/4" NPT Female	8	
6	9005650	Adapter, 3/4"14NPT Thread x 3/4" Hose Barb	16	
7	9007699	Valve, 3/4" MPT x 3/4" Hose Barb	8	
8	9007767	Cap, 3/4" Dia.	8	
9	9008117	Check Valve, 1/4" to 3/8"	8	
10	9009993	Quint Nozzle Body w/ RH Check Valve, Teejet Model 370	43	
11	9009994	Quint Nozzle Body w/ LH Check Valve, Teejet Model 370	6	
12	TA720808	Adapter, 1/4" NPT Male x 1/4" Gauge Tube	1	
13	TA800902	Hose Clamp, 7/8" (M-6)	30	Stainless Steel
14	TA800906	Hose Clamp, 7/16" (SC-8)	14	Stainless Steel
15	TA800910	Hose Clamp 1/2" (SZ-12)	34	Stainless Steel
16	TA806200	Hose, 3/8" Dia. EPDM	70 Ft	
17	TA806225	Hose, 1/2" Dia. EPDM	120 Ft	
18	TA806250	Hose, 3/4" Dia. EPDM	293 Ft	
19	TA809826	90° Elbow, 3/4" FPT x 3/4" Hose Shank	2	
20	TA814651	Reducer Bushing, 3/4"-14 NPTF Male x 1/4"-18 NPTF Female	1	
21	TA814652	Reducer Bushing, 3/4"-14 NPTF Male x 3/8"-18 NPTF Female	8	
22	TA814781	Tee 3/4"-14 NPT Female x 3/4"-14 NPT Female x 3/4"-14 NPT Female	5	
23	TA814846	Hose Barb, 1/4"-18 NPTF Male x 3/8" Hose Shank	8	
24	TA814891	Tee, 3/4" Hose Shank x 3/4" Hose Shank x 3/4" Hose Shank	6	
25	TA814950	90° Elbow, 3/8"-18 NPTF x 3/8" Hose Shank	8	
26	TA880050	90° Elbow, Nozzle/Single QuickJet 1/2"	2	
27	TA880075	Tee, Nozzle/Single QuickJet 1/2"	6	
28	TA720620	Gauge Tube, 1/4" Dia.	74 Ft	
29	TA885397	Hose Shank, 3/4" Single	4	
30	TA862017	Orifice Plate, 0.040" ID x 19/32" OD x 0.060"	18	
	9007735	Nozzle Cap Gasket	18	

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80' Outer Boom 6-Section 15" Spacing Plumbing Components

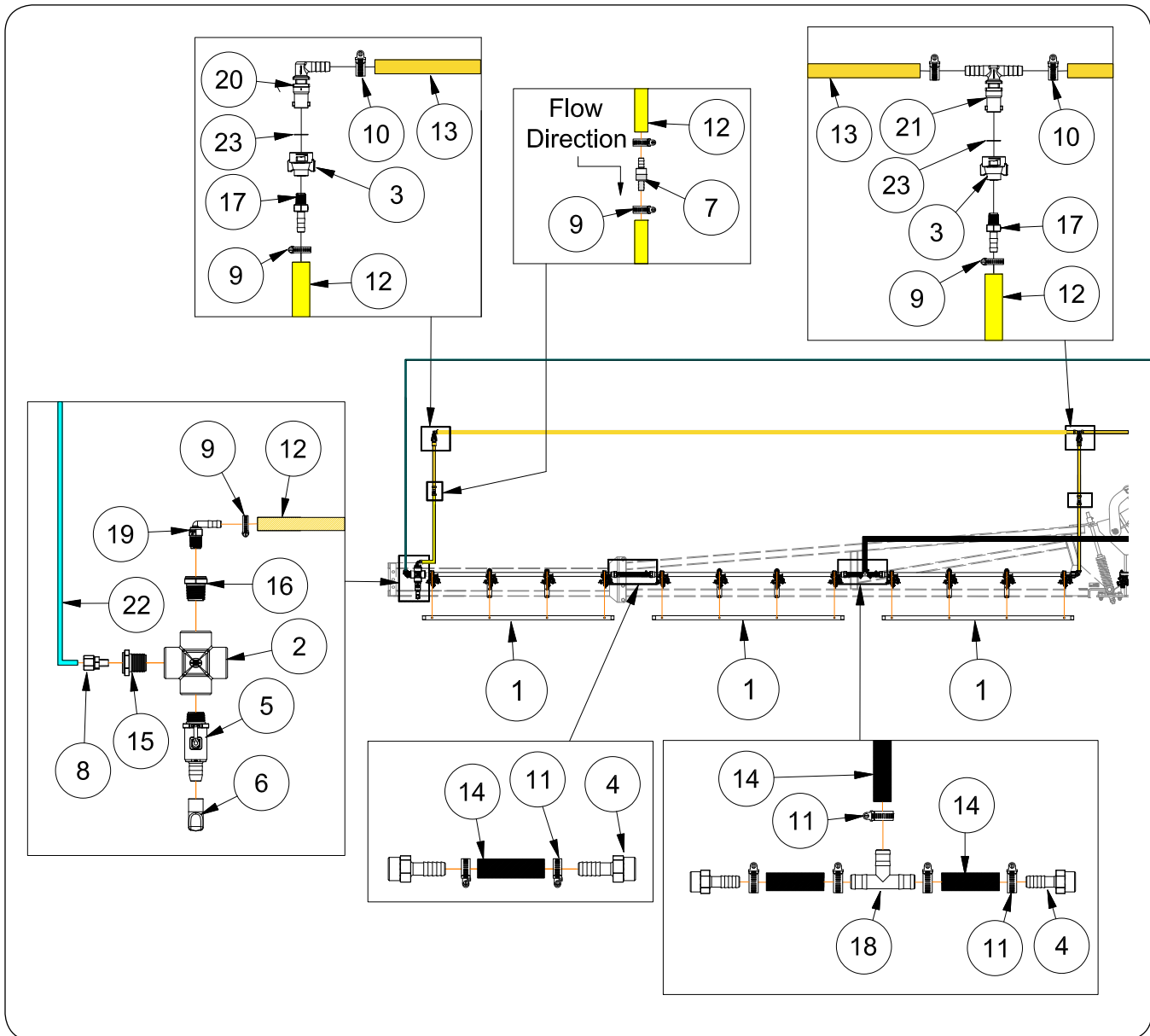
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407496	Pipe, 3/4" SCH40 x 50"	4	
2	TA814910	Cross, 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female	2	
3	TA880261	Adapter Cap, QuickJet x 1/4" NPT Female	4	
4	9005650	Adapter, 3/4"14NPT Thread x 3/4" Hose Barb	4	
5	9007699	Valve, 3/4" MPT x 3/4" Hose Barb	2	
6	9007767	Cap, 3/4" Dia.	2	
7	9008117	Check Valve, 1/4" to 3/8"	2	
8	TA720808	Adapter, 1/4" NPT Male x 1/4" Gauge Tube	2	
9	TA800902	Hose Clamp, 7/8" (M-6)	10	Stainless Steel
10	TA800906	Hose Clamp, 7/16" (SC-8)	6	Stainless Steel
11	TA800910	Hose Clamp 1/2" (SZ-12)	10	Stainless Steel
12	TA806200	Hose, 3/8" Dia. EPDM	AR	
13	TA806225	Hose, 1/2" Dia. EPDM	AR	
14	TA806250	Hose, 3/4" Dia. EPDM	AR	
15	TA814651	Reducer Bushing, 3/4"-14 NPTF Male x 1/4"-18 NPTF Female	2	
16	TA814652	Reducer Bushing, 3/4"-14 NPTF Male x 3/8"-18 NPTF Female	2	
17	TA814846	Hose Barb, 1/4"-18 NPTF Male x 3/8" Hose Shank	4	
18	TA814891	Tee, 3/4" Hose Shank x 3/4" Hose Shank x 3/4" Hose Shank	2	
19	TA814950	90° Elbow, 3/8"-18 NPTF x 3/8" Hose Shank	2	
20	TA880050	90° Elbow, Nozzle/Single QuickJet 1/2"	2	
21	TA880075	Tee, Nozzle/Single QuickJet 1/2"	2	
22	TA720620	Gauge Tube, 1/4" Dia.	AR	
23	TA862017	Orifice Plate, 0.040" ID x 19/32" OD x 0.060"	18	
	9007735	Nozzle Cap Gasket	18	

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 90' Outer Boom 6-Section 15" Spacing Plumbing Components

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 90' Outer Boom 6-Section 15" Spacing Plumbing Components

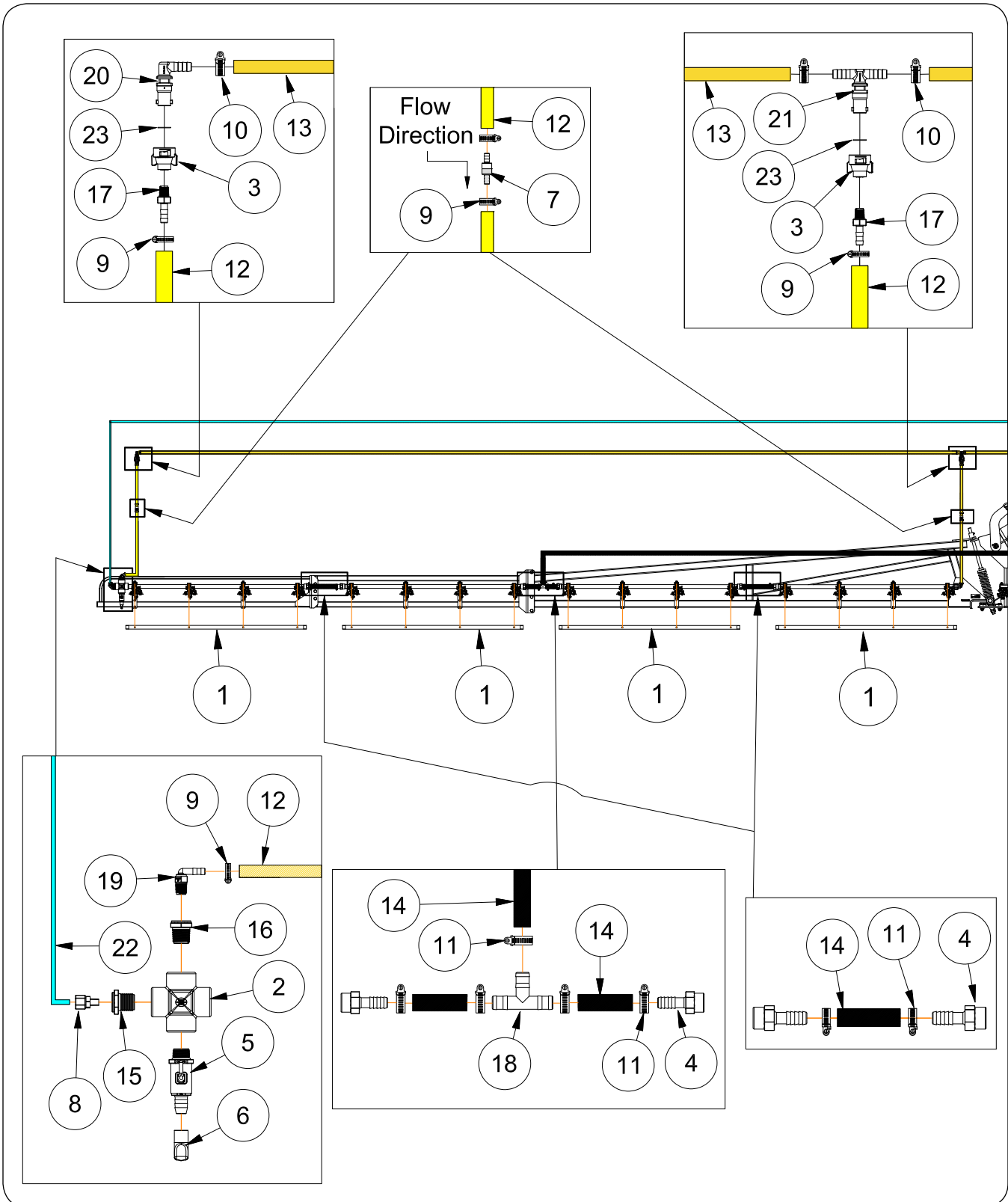
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407496	Pipe, 3/4" SCH40 x 50"	6	
2	TA814910	Cross, 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female	2	
3	TA880261	Adapter Cap, QuickJet x 1/4" NPT Female	4	
4	9005650	Adapter, 3/4"14NPT Thread x 3/4" Hose Barb	8	
5	9007699	Valve, 3/4" MPT x 3/4" Hose Barb	2	
6	9007767	Cap, 3/4" Dia.	2	
7	9008117	Check Valve, 1/4" to 3/8"	2	
8	TA720808	Adapter, 1/4" NPT Male x 1/4" Gauge Tube	2	
9	TA800902	Hose Clamp, 7/8" (M-6)	10	Stainless Steel
10	TA800906	Hose Clamp, 7/16" (SC-8)	6	Stainless Steel
11	TA800910	Hose Clamp 1/2" (SZ-12)	14	Stainless Steel
12	TA806200	Hose, 3/8" Dia. EPDM	AR	
13	TA806225	Hose, 1/2" Dia. EPDM	AR	
14	TA806250	Hose, 3/4" Dia. EPDM	AR	
15	TA814651	Reducer Bushing, 3/4"-14 NPTF Male x 1/4"-18 NPTF Female	2	
16	TA814652	Reducer Bushing, 3/4"-14 NPTF Male x 3/8"-18 NPTF Female	2	
17	TA814846	Hose Barb, 1/4"-18 NPTF Male x 3/8" Hose Shank	4	
18	TA814891	Tee, 3/4" Hose Shank x 3/4" Hose Shank x 3/4" Hose Shank	2	
19	TA814950	90° Elbow, 3/8"-18 NPTF x 3/8" Hose Shank	2	
20	TA880050	90° Elbow, Nozzle/Single QuickJet 1/2"	2	
21	TA880075	Tee, Nozzle/Single QuickJet 1/2"	2	
22	TA720620	Gauge Tube, 1/4" Dia.	AR	
23	TA862017	Orifice Plate, 0.040" ID x 19/32" OD x 0.060"	18	
	9007735	Nozzle Cap Gasket	18	

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 100' Outer Boom 6-Section 15" Spacing Plumbing Components

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 100' Outer Boom 6-Section 15" Spacing Plumbing Components

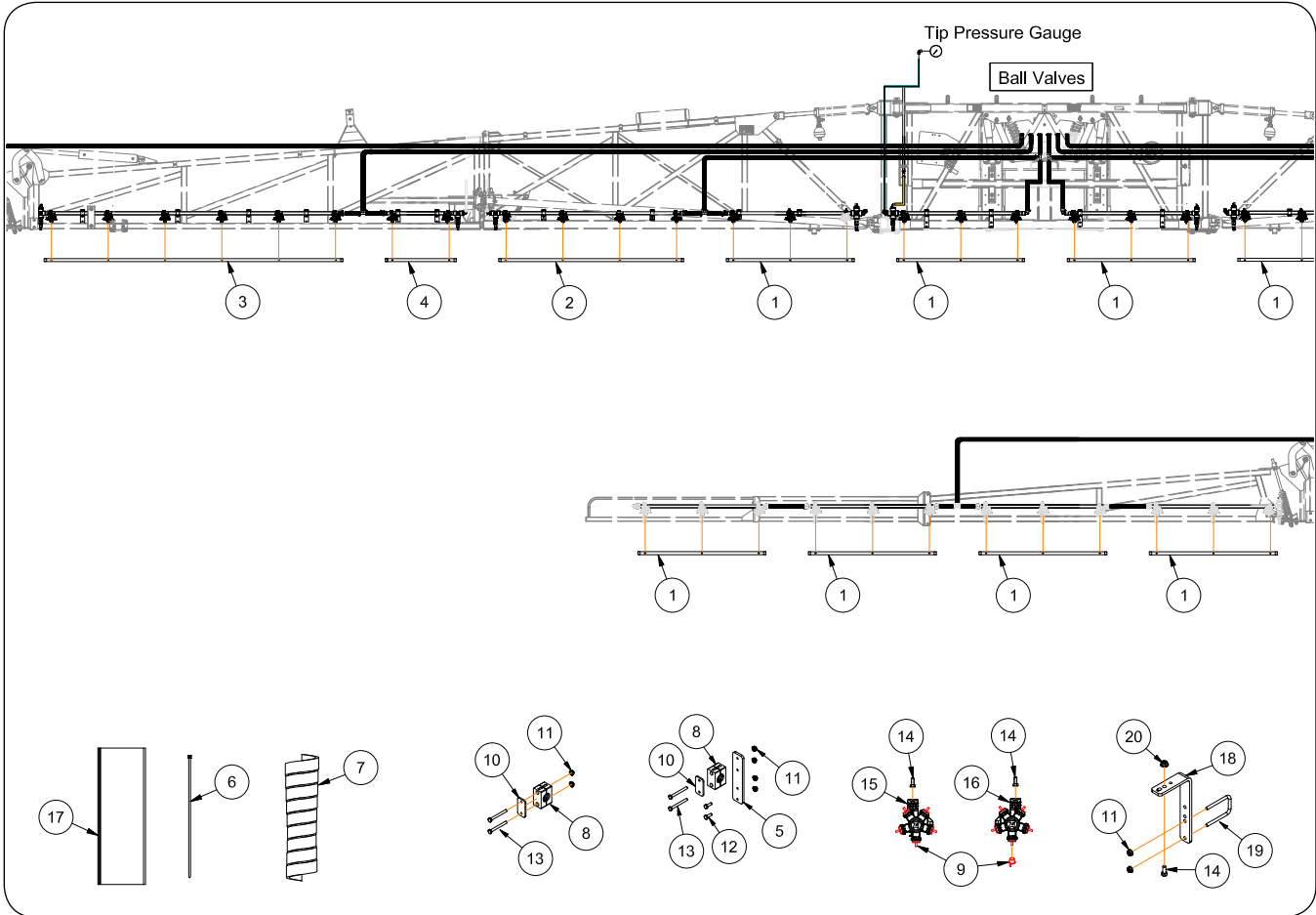
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407496	Pipe, 3/4" SCH40 x 50"	8	
2	TA814910	Cross, 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female	2	
3	TA880261	Adapter Cap, QuickJet x 1/4" NPT Female	4	
4	9005650	Adapter, 3/4"14NPT Thread x 3/4" Hose Barb	12	
5	9007699	Valve, 3/4" MPT x 3/4" Hose Barb	2	
6	9007767	Cap, 3/4" Dia.	2	
7	9008117	Check Valve, 1/4" to 3/8"	2	
8	TA720808	Adapter, 1/4" NPT Male x 1/4" Gauge Tube	2	
9	TA800902	Hose Clamp, 7/8" (M-6)	10	Stainless Steel
10	TA800906	Hose Clamp, 7/16" (SC-8)	6	Stainless Steel
11	TA800910	Hose Clamp 1/2" (SZ-12)	18	Stainless Steel
12	TA806200	Hose, 3/8" Dia. EPDM	AR	
13	TA806225	Hose, 1/2" Dia. EPDM	AR	
14	TA806250	Hose, 3/4" Dia. EPDM	AR	
15	TA814651	Reducer Bushing, 3/4"-14 NPTF Male x 1/4"-18 NPTF Female	2	
16	TA814652	Reducer Bushing, 3/4"-14 NPTF Male x 3/8"-18 NPTF Female	2	
17	TA814846	Hose Barb, 1/4"-18 NPTF Male x 3/8" Hose Shank	4	
18	TA814891	Tee, 3/4" Hose Shank x 3/4" Hose Shank x 3/4" Hose Shank	2	
19	TA814950	90° Elbow, 3/8"-18 NPTF x 3/8" Hose Shank	2	
20	TA880050	90° Elbow, Nozzle/Single QuickJet 1/2"	2	
21	TA880075	Tee, Nozzle/Single QuickJet 1/2"	2	
22	TA720620	Gauge Tube, 1/4" Dia.	AR	
23	TA862017	Orifice Plate, 0.040" ID x 19/32" OD x 0.060"	18	
	9007735	Nozzle Cap Gasket	18	

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80', 90', & 100' Boom 6-Section 20" Spacing Nozzle Bodies & Mounting Brackets

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80', 90', & 100' Boom 6-Section 20" Spacing Nozzle Bodies & Mounting Brackets

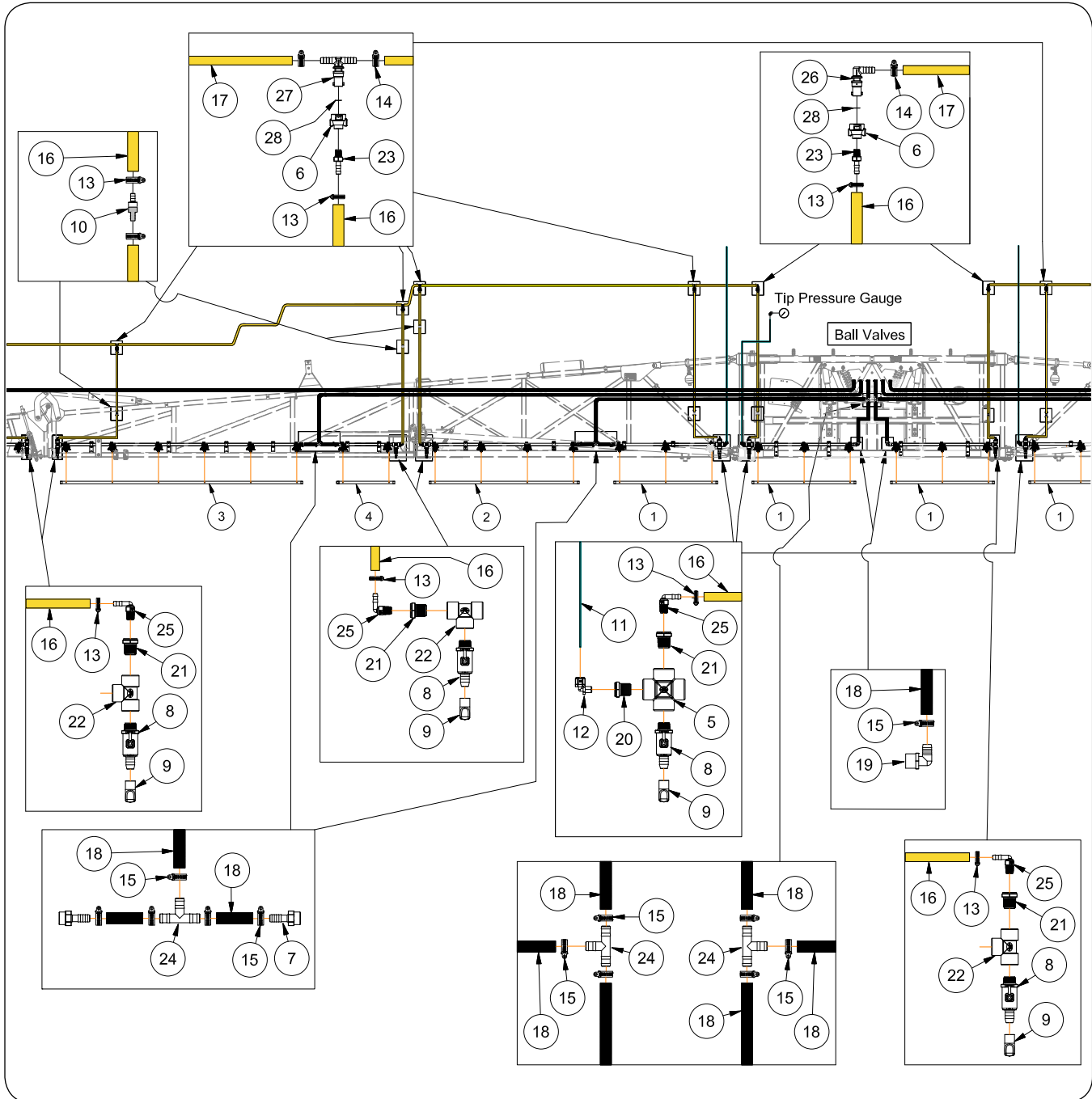
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407477	Pipe, 3/4" SCH40 x 45"	8	80' Boom
			10	90' Boom
			12	100' Boom
2	407478	Pipe, 3/4" SCH40 x 65"	2	
3	407480	Pipe, 3/4" SCH40 x 105"	2	
4	407499	Pipe, 3/4" SCH40 x 25"	65	
5	401318B	Pipe Bracket	4	
6	9000104	Cable Ties	AR	
7	9004075	Spiral Hose Wrap, 1 3/8" Dia.	36 Ft	
8	9003819	Single Clamp Pair (Polypropylene)	24	
9	9003939	Tapered Plastic Plug	AR	
10	9004038	Top Plate for Single Clamp Pair	24	
11	9004720	Flange Nut, 1/4"-20UNC (Stainless Steel)	72	80' Boom
			80	90' Boom
			88	100' Boom
12	900900-003	Capscrew, 1/4"-20UNC x 3/4" (Stainless Steel)	8	
13	900900-011	Capscrew, 1/4"-20UNC x 2 1/2" (Stainless Steel)	48	
14	900900-028	Capscrew, 5/16"-18UNC x 3/4" (Stainless Steel)	48	80' Boom
			54	90' Boom
			60	100' Boom
15	9009993	Quint Nozzle Body w/ RH Check Valve, Teejet Model 370	42	80' Boom
			48	90' Boom
			54	100' Boom
16	9009994	Quint Nozzle Body w/ LH Check Valve, Teejet Model 370	6	
17	9003805	Hose 4" Wrap	8 Ft	
	9003849	Hose 3" Wrap	8 Ft	
18	407476B	Outer Boom Nozzle Body Mounting Bracket	8	80' Boom
			12	90' Boom
			16	100' Boom
19	9004714	U-Bolt, 1/4"-20UNC x 2 3/4", 1 13/16" C/C (Stainless Steel)	8	80' Boom
			12	90' Boom
			16	100' Boom
20	9005639	Flange Nut, 5/16"-18UNC (Stainless Steel)	48	80' Boom
			54	90' Boom
			60	100' Boom

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80', 90', & 100' Center, Main and Intermediate Boom 6-Section 20" Spacing - Plumbing Components

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80', 90', & 100' Center, Main and Intermediate Boom 6-Section 20" Spacing - Plumbing Components

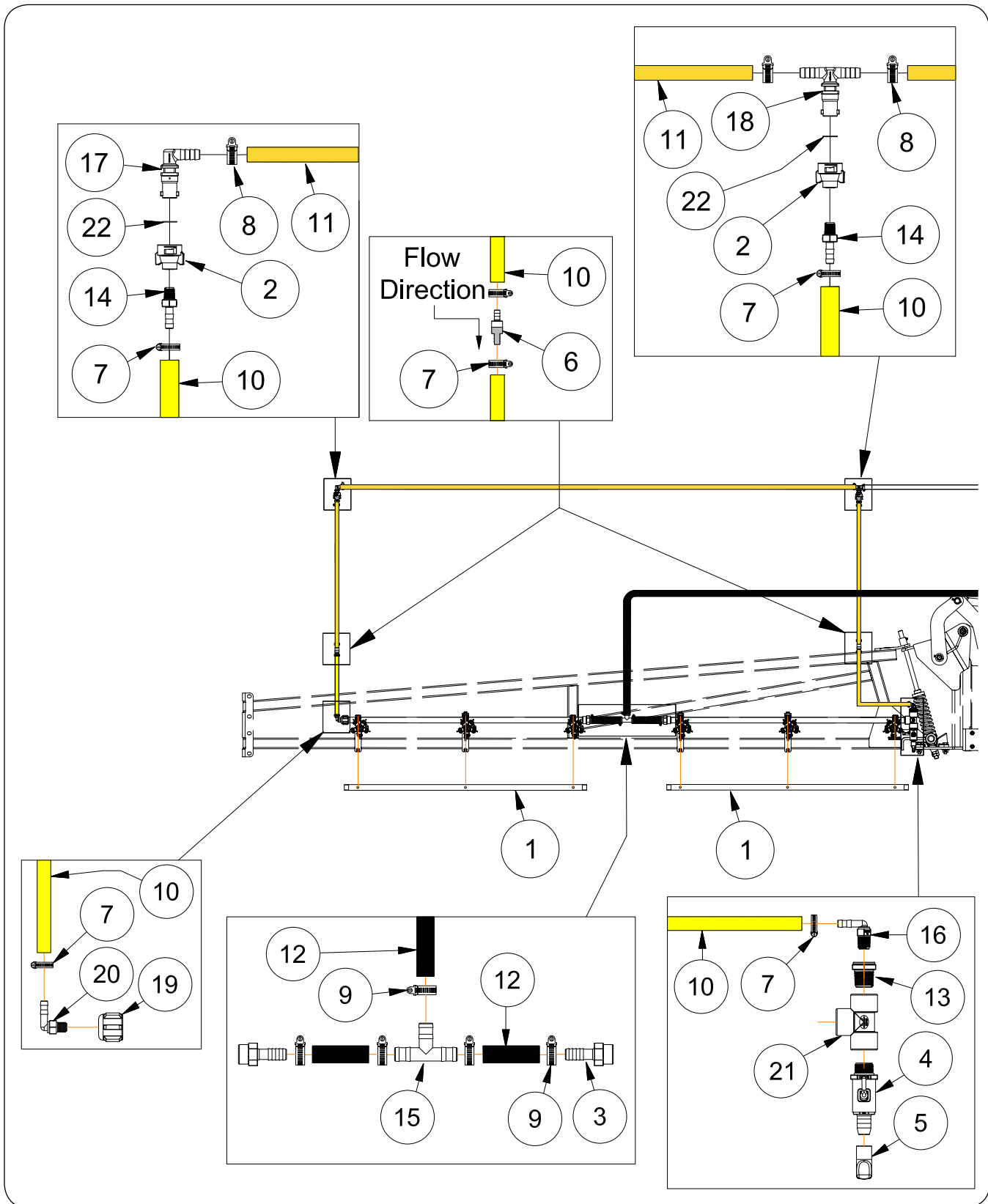
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407477	Pipe, 3/4" SCH40 x 45"	4	
2	407478	Pipe, 3/4" SCH40 x 65"	2	
3	407480	Pipe, 3/4" SCH40 x 105"	2	
4	407499	Pipe, 3/4" SCH40 x 25"	2	
5	TA814910	Cross, 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female	3	
6	TA880261	Adapter Cap, QuickJet x 1/4" NPT Female	10	
7	9005650	Adapter, 3/4"14NPT Thread x 3/4" Hose Barb	8	
8	9007699	Valve, 3/4" MPT x 3/4" Hose Barb	12	
9	9007767	Cap, 3/4" Dia.	12	
10	9008117	Check Valve, 1/4" to 3/8"	10	
11	TA720620	Gauge Tube, 1/4" Dia.	AR	
12	TA720802	90° Elbow 1/4" NPT Male x 1/4" Gauge Tube	3	
13	TA800902	Hose Clamp, 7/8" (M-6) (Stainless Steel)	42	
14	TA800906	Hose Clamp, 7/16" (SC-8) (Stainless Steel)	18	
15	TA800910	Hose Clamp 1/2" (SZ-12) (Stainless Steel)	34	
16	TA806200	Hose, 3/8" Dia. EPDM	AR	
17	TA806225	Hose, 1/2" Dia. EPDM	AR	
18	TA806250	Hose, 3/4" Dia. EPDM	AR	
19	TA809826	90° Elbow, 3/4" FPT x 3/4" Hose Shank	2	
20	TA814651	Reducer Bushing, 3/4"-14 NPTF Male x 1/4"-18 NPTF Female	3	
21	TA814652	Reducer Bushing, 3/4"-14 NPTF Male x 3/8"-18 NPTF Female	12	
22	TA814781	Tee 3/4"-14 NPT Female x 3/4"-14 NPT Female x 3/4"-14 NPT Female	9	
23	TA814846	Hose Barb, 1/4"-18 NPTF Male x 3/8" Hose Shank	10	
24	TA814891	Tee, 3/4" Hose Shank x 3/4" Hose Shank x 3/4" Hose Shank	6	
25	TA814950	90° Elbow, 3/8"-18 NPTF x 3/8" Hose Shank	12	
26	TA880050	90° Elbow, Nozzle/Single QuickJet 1/2"	2	
27	TA880075	Tee, Nozzle/Single QuickJet 1/2"	8	
28	TA862017	Orifice Plate, 0.040" ID x 19/32" OD x 0.060"	18	
	9007735	Nozzle Cap Gasket	18	

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80' Outer Boom 6-Section 20" Spacing Plumbing Components

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80' Outer Boom 6-Section 20" Spacing Plumbing Components

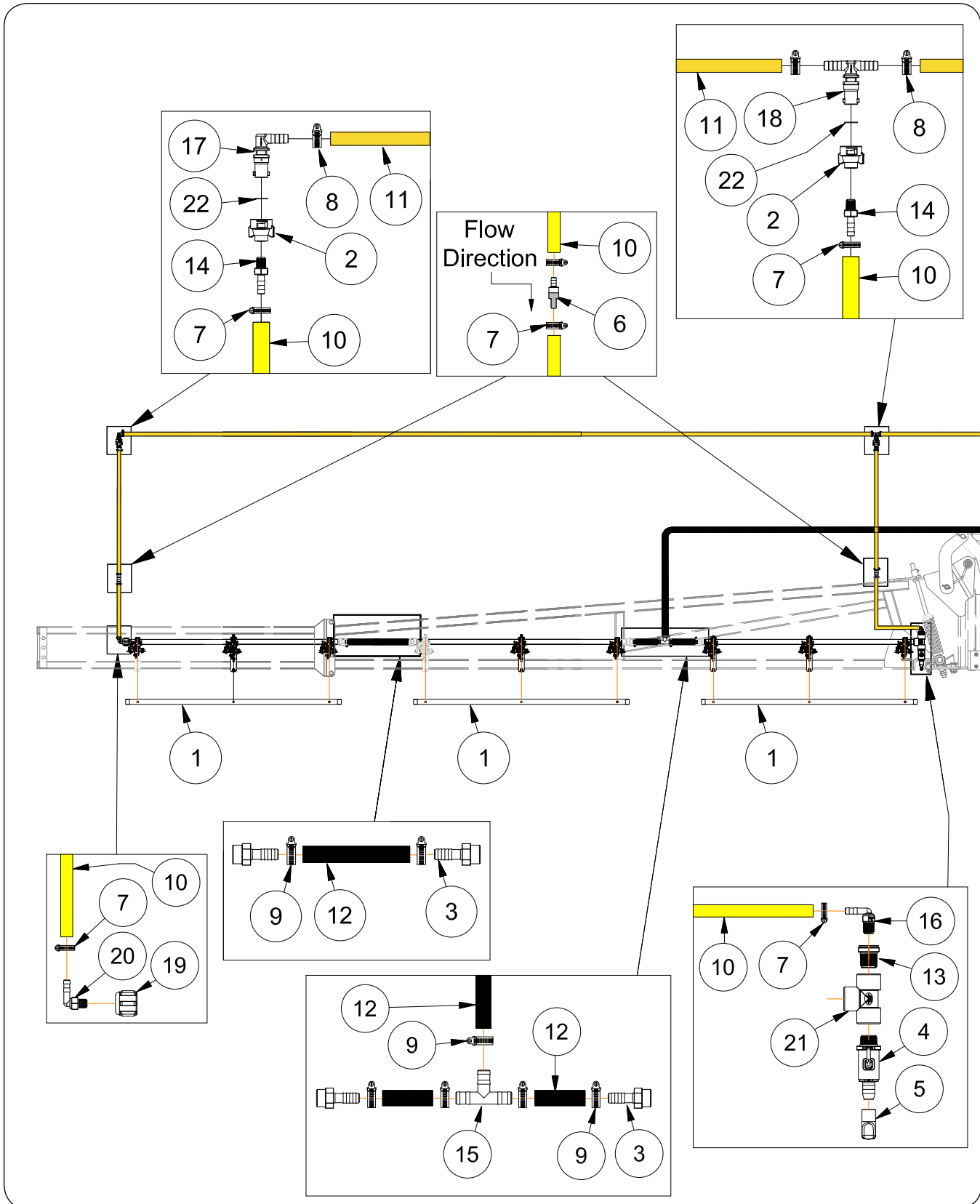
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407477	Pipe, 3/4" SCH40 x 45"	4	
2	TA880261	Adapter Cap, QuickJet x 1/4" NPT Female	4	
3	9005650	Adapter, 3/4"14NPT Thread x 3/4" Hose Barb	4	
4	9007699	Valve, 3/4" MPT x 3/4" Hose Barb	2	
5	9007767	Cap, 3/4" Dia.	2	
6	9008117	Check Valve, 1/4" to 3/8"	2	
7	TA800902	Hose Clamp, 7/8" (M-6)	10	Stainless Steel
8	TA800906	Hose Clamp, 7/16" (SC-8)	6	Stainless Steel
9	TA800910	Hose Clamp 1/2" (SZ-12)	10	Stainless Steel
10	TA806200	Hose, 3/8" Dia. EPDM	AR	
11	TA806225	Hose, 1/2" Dia. EPDM	AR	
12	TA806250	Hose, 3/4" Dia. EPDM	AR	
13	TA814652	Reducer Bushing, 3/4"-14 NPTF Male x 3/8"-18 NPTF Female	2	
14	TA814846	Hose Barb, 1/4"-18 NPTF Male x 3/8" Hose Shank	4	
15	TA814891	Tee, 3/4" Hose Shank x 3/4" Hose Shank x 3/4" Hose Shank	2	
16	TA814950	90° Elbow, 3/8"-18 NPTF x 3/8" Hose Shank	2	
17	TA880050	90° Elbow, Nozzle/Single QuickJet 1/2"	2	
18	TA880075	Tee, Nozzle/Single QuickJet 1/2"	2	
19	407503	Pipe Cap, 3/4"-14 NPT	2	
20	TA808050	90° Elbow, 1/4"-20 MPT x 3/8" Hose Shank	2	
21	TA814781	Tee 3/4"-14 NPT Female x 3/4"-14 NPT Female x 3/4"-14 NPT Female	9	
22	TA862017	Orifice Plate, 0.040" ID x 19/32" OD x 0.060"	18	
	9007735	Nozzle Cap Gasket	18	

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 90' Outer Boom 6-Section 20" Spacing Plumbing Components

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 90' Outer Boom 6-Section 20" Spacing Plumbing Components

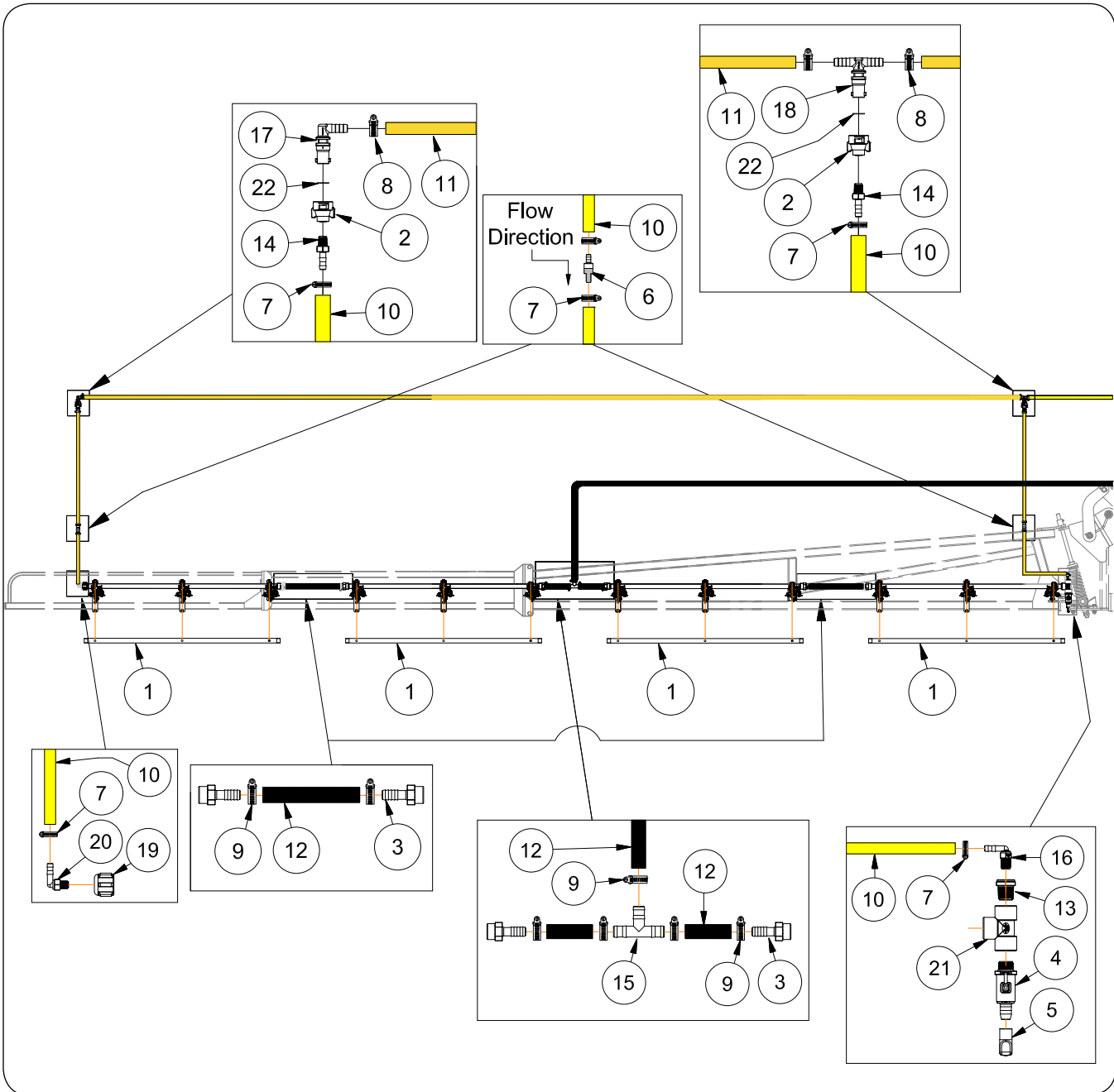
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407477	Pipe, 3/4" SCH40 x 45"	6	
2	TA880261	Adapter Cap, QuickJet x 1/4" NPT Female	4	
3	9005650	Adapter, 3/4"14NPT Thread x 3/4" Hose Barb	8	
4	9007699	Valve, 3/4" MPT x 3/4" Hose Barb	2	
5	9007767	Cap, 3/4" Dia.	2	
6	9008117	Check Valve, 1/4" to 3/8"	2	
7	TA800902	Hose Clamp, 7/8" (M-6)	10	Stainless Steel
8	TA800906	Hose Clamp, 7/16" (SC-8)	6	Stainless Steel
9	TA800910	Hose Clamp 1/2" (SZ-12)	14	Stainless Steel
10	TA806200	Hose, 3/8" Dia. EPDM	AR	
11	TA806225	Hose, 1/2" Dia. EPDM	AR	
12	TA806250	Hose, 3/4" Dia. EPDM	AR	
13	TA814652	Reducer Bushing, 3/4"-14 NPTF Male x 3/8"-18 NPTF Female	2	
14	TA814846	Hose Barb, 1/4"-18 NPTF Male x 3/8" Hose Shank	4	
15	TA814891	Tee, 3/4" Hose Shank x 3/4" Hose Shank x 3/4" Hose Shank	2	
16	TA814950	90° Elbow, 3/8"-18 NPTF x 3/8" Hose Shank	2	
17	TA880050	90° Elbow, Nozzle/Single QuickJet 1/2"	2	
18	TA880075	Tee, Nozzle/Single QuickJet 1/2"	2	
19	407503	Pipe Cap, 3/4"-14 NPT	2	
20	TA808050	90° Elbow, 1/4"-20 MPT x 3/8" Hose Shank	2	
21	TA814781	Tee 3/4"-14 NPT Female x 3/4"-14 NPT Female x 3/4"-14 NPT Female	9	
22	TA862017	Orifice Plate, 0.040" ID x 19/32" OD x 0.060"	18	
	9007735	Nozzle Cap Gasket	18	

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 100' Outer Boom 6-Section 20" Spacing Plumbing Components

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 100' Outer Boom 6-Section 20" Spacing Plumbing Components

Please visit www.unverferth.com/parts/ for the most current parts listing.

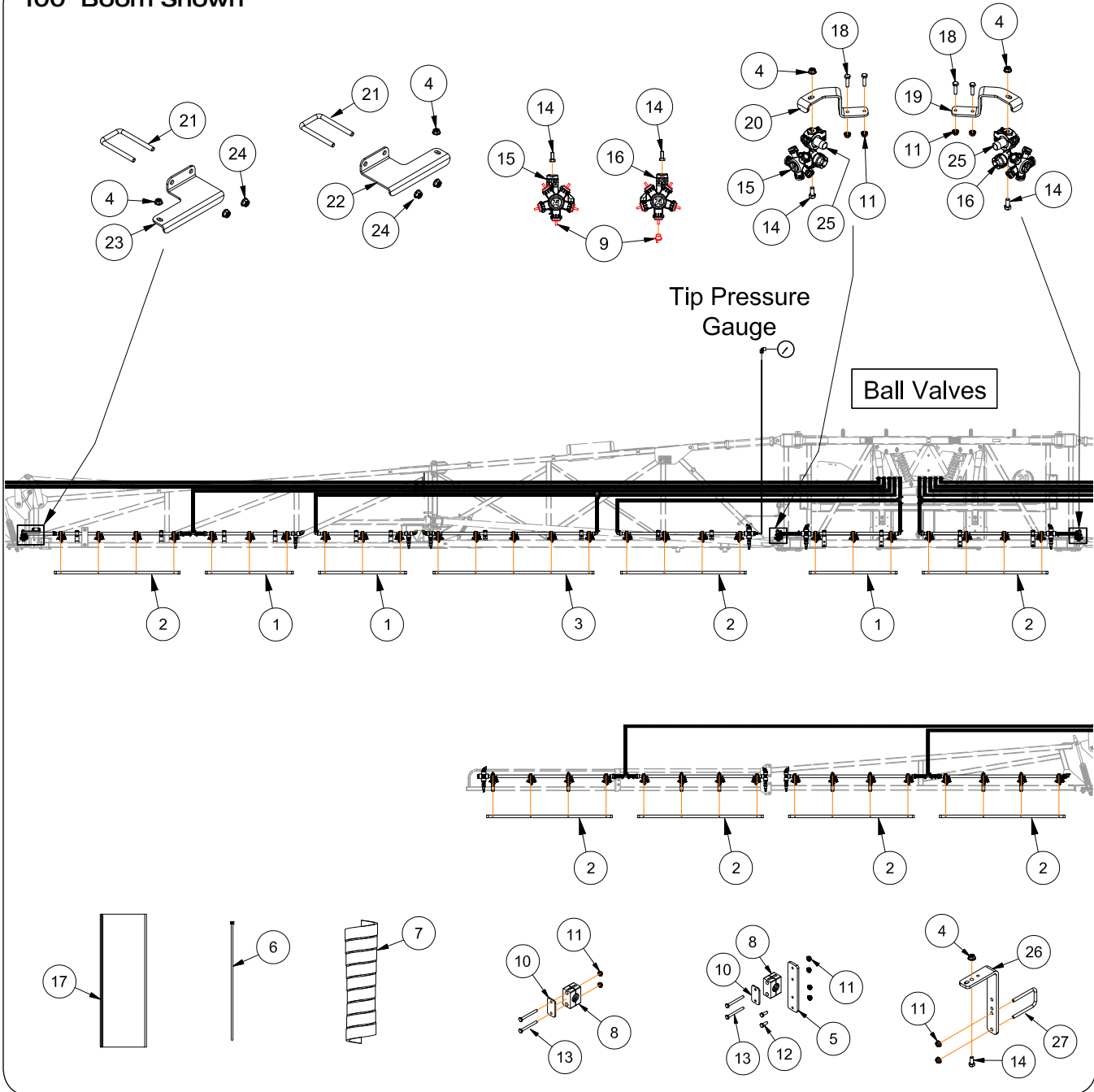
ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407477	Pipe, 3/4" SCH40 x 45"	8	
2	TA880261	Adapter Cap, QuickJet x 1/4" NPT Female	4	
3	9005650	Adapter, 3/4"14NPT Thread x 3/4" Hose Barb	12	
4	9007699	Valve, 3/4" MPT x 3/4" Hose Barb	2	
5	9007767	Cap, 3/4" Dia.	2	
6	9008117	Check Valve, 1/4" to 3/8"	2	
7	TA800902	Hose Clamp, 7/8" (M-6)	10	Stainless Steel
8	TA800906	Hose Clamp, 7/16" (SC-8)	6	Stainless Steel
9	TA800910	Hose Clamp 1/2" (SZ-12)	18	Stainless Steel
10	TA806200	Hose, 3/8" Dia. EPDM	AR	
11	TA806225	Hose, 1/2" Dia. EPDM	AR	
12	TA806250	Hose, 3/4" Dia. EPDM	AR	
13	TA814652	Reducer Bushing, 3/4"-14 NPTF Male x 3/8"-18 NPTF Female	2	
14	TA814846	Hose Barb, 1/4"-18 NPTF Male x 3/8" Hose Shank	4	
15	TA814891	Tee, 3/4" Hose Shank x 3/4" Hose Shank x 3/4" Hose Shank	2	
16	TA814950	90° Elbow, 3/8"-18 NPTF x 3/8" Hose Shank	2	
17	TA880050	90° Elbow, Nozzle/Single QuickJet 1/2"	2	
18	TA880075	Tee, Nozzle/Single QuickJet 1/2"	2	
19	407503	Pipe Cap, 3/4"-14 NPT	2	
20	TA808050	90° Elbow, 1/4"-20 MPT x 3/8" Hose Shank	2	
21	TA814781	Tee 3/4"-14 NPT Female x 3/4"-14 NPT Female x 3/4"-14 NPT Female	9	
22	TA862017	Orifice Plate, 0.040" ID x 19/32" OD x 0.060"	18	
	9007735	Nozzle Cap Gasket	18	

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80', 90', & 100' Boom 10-Section 15" Spacing Nozzle Bodies & Mounting Brackets

Please visit www.unverferth.com/parts/ for the most current parts listing.

100' Boom Shown



Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80', 90', & 100' Boom 10-Section 15" Spacing Nozzle Bodies & Mounting Brackets

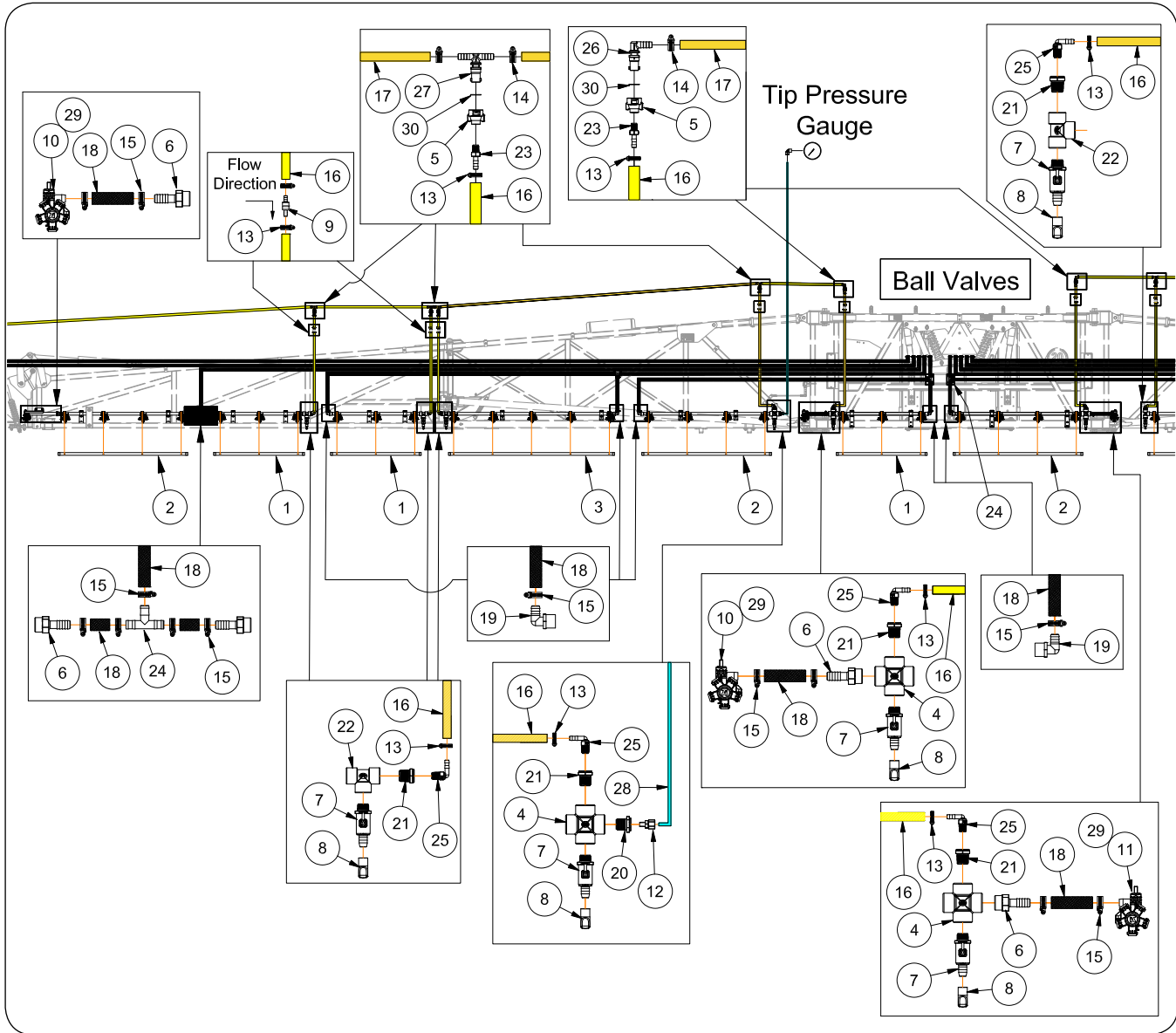
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407495	Pipe, 3/4" SCH40 x 35"	5	
2	407496	Pipe, 3/4" SCH40 x 50"	9	80' Boom
			11	90' Boom
			13	100' Boom
3	407497	Pipe, 3/4" SCH40 x 64"	2	
4	9005639	Flange Nut, 5/16"-18UNC (Stainless Steel)	65	80' Boom
			73	90' Boom
			81	100' Boom
5	401318B	Pipe Bracket	4	
6	9000104	Cable Ties	AR	
7	9004075	Spiral Hose Wrap, 1 3/8" Dia.	36 Ft	
8	9003819	Single Clamp Pair (Polypropylene)	24	
9	9003939	Tapered Plastic Plug	AR	
10	9004038	Top Plate for Single Clamp Pair	24	
11	9004720	Flange Nut, 1/4"-20UNC (Stainless Steel)	52	80' Boom
			60	90' Boom
			68	100' Boom
12	900900-003	Capscrew, 1/4"-20UNC x 3/4" (Stainless Steel)	8	
13	900900-011	Capscrew, 1/4"-20UNC x 2 1/2" (Stainless Steel)	28	
14	900900-028	Capscrew, 5/16"-18UNC x 3/4" (Stainless Steel)	65	80' Boom
			73	90' Boom
			81	100' Boom
15	9009993	Quint Nozzle Body w/ RH Check Valve, Teejet Model 370	60	80' Boom
			68	90' Boom
			76	100' Boom
16	9009994	Quint Nozzle Body w/ LH Check Valve, Teejet Model 370	5	
17	9003805	Hose 4" Wrap	8 Ft	
	9003849	Hose 3" Wrap	8 Ft	
18	900900-005	Capscrew, 1/4"-20UNC x 1" (Stainless Steel)	4	
19	403279B	Nozzle Bracket, Right-Hand =Black=	1	
20	403280B	Nozzle Bracket, Left-Hand =Black=	1	
21	9004684	U-Bolt, 3/8"-16UNC x 4", 2 3/8" C/C (Stainless Steel)	2	
22	407672B	Nozzle Bracket, Right-Hand =Black=	1	
23	407673B	Nozzle Bracket, Left-Hand =Black=	1	
24	9005640	Flange Nut, 3/8"-16UNC (Stainless Steel)	4	
25	TA885397	Hose Shank, 3/4" Single	4	
26	407476B	Outer Boom Nozzle Body Mounting Bracket	8	80' Boom
			12	90' Boom
			16	100' Boom
27	9004714	U-Bolt, 1/4"-20UNC x 2 3/4", 1 13/16" C/C (Stainless Steel)	8	80' Boom
			12	90' Boom
			16	100' Boom

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80', 90', & 100' Center, Main and Intermediate Boom 10-Section 15" Spacing - Plumbing Components

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80', 90', & 100' Center, Main and Intermediate Boom 10-Section 15" Spacing - Plumbing Components

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407495	Pipe, 3/4" SCH40 x 35"	5	
2	407496	Pipe, 3/4" SCH40 x 50"	5	
3	407497	Pipe, 3/4" SCH40 x 64"	2	
4	TA814910	Cross, 34"-14 NPTF Female x 34"-14 NPTF Female x 34"-14 NPTF Female x 34"-14 NPTF Female	3	
5	TA880261	Adapter Cap, QuickJet x 1/4" NPT Female	10	
6	9005650	Adapter, 3/4"14NPT Thread x 3/4" Hose Barb	8	
7	9007699	Valve, 3/4" MPT x 3/4" Hose Barb	10	
8	9007767	Cap, 3/4" Dia.	10	
9	9008117	Check Valve, 1/4" to 3/8"	10	
10	9009993	Quint Nozzle Body w/ RH Check Valve, Teejet Model 370	42	
11	9009994	Quint Nozzle Body w/ LH Check Valve, Teejet Model 370	7	
12	TA720808	Adapter, 1/4" NPT Male x 1/4" Gauge Tube	1	
13	TA800902	Hose Clamp, 7/8" (M-6)	40	Stainless Steel
14	TA800906	Hose Clamp, 7/16" (SC-8)	18	Stainless Steel
15	TA800910	Hose Clamp 1/2" (SZ-12)	39	Stainless Steel
16	TA806200	Hose, 3/8" Dia. EPDM	70 Ft	
17	TA806225	Hose, 1/2" Dia. EPDM	120 Ft	
18	TA806250	Hose, 3/4" Dia. EPDM	312 Ft	
19	TA809826	90° Elbow, 3/4" FPT x 3/4" Hose Shank	8	
20	TA814651	Reducer Bushing, 3/4"-14 NPTF Male x 1/4"-18 NPTF Female	1	
21	TA814652	Reducer Bushing, 3/4"-14 NPTF Male x 3/8"-18 NPTF Female	10	
22	TA814781	Tee 3/4"-14 NPT Female x 3/4"-14 NPT Female x 3/4"-14 NPT Female	7	
23	TA814846	Hose Barb, 1/4"-18 NPTF Male x 3/8" Hose Shank	10	
24	TA814891	Tee, 3/4" Hose Shank x 3/4" Hose Shank x 3/4" Hose Shank	4	
25	TA814950	90° Elbow, 3/8"-18 NPTF x 3/8" Hose Shank	8	
26	TA880050	90° Elbow, Nozzle/Single QuickJet 1/2"	2	
27	TA880075	Tee, Nozzle/Single QuickJet 1/2"	8	
28	TA720620	Gauge Tube, 1/4" Dia.	74 Ft	
29	TA885397	Hose Shank, 3/4" Single	4	
30	TA862017	Orifice Plate, 0.040" ID x 19/32" OD x 0.060"	18	
	9007735	Nozzle Cap Gasket	18	

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80' Outer Boom 10-Section 15" Spacing Plumbing Components

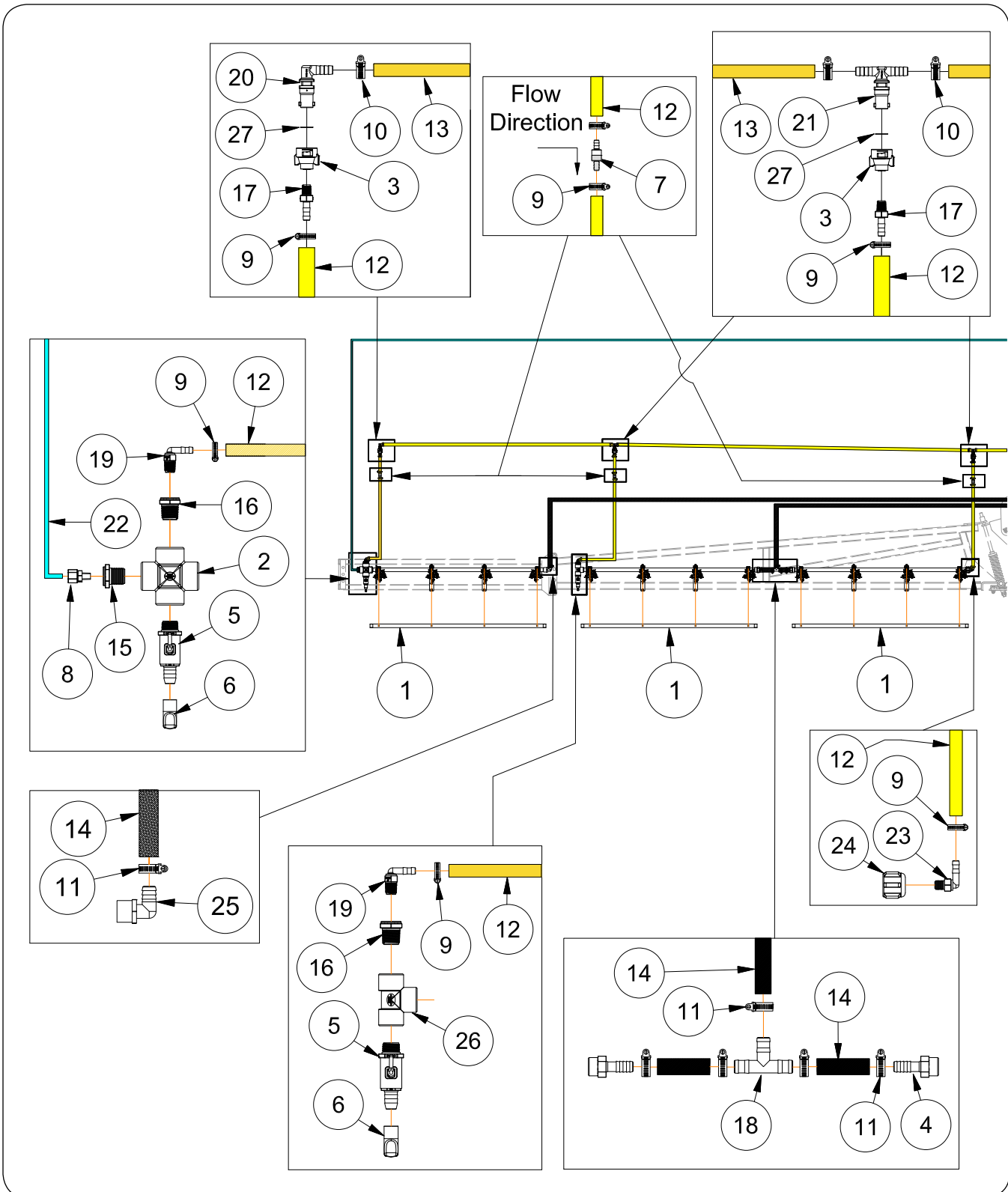
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407496	Pipe, 3/4" SCH40 x 50"	4	
2	TA814910	Cross, 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female	2	
3	TA880261	Adapter Cap, QuickJet x 1/4" NPT Female	4	
4	9005650	Adapter, 3/4"14NPT Thread x 3/4" Hose Barb	4	
5	9007699	Valve, 3/4" MPT x 3/4" Hose Barb	2	
6	9007767	Cap, 3/4" Dia.	2	
7	9008117	Check Valve, 1/4" to 3/8"	4	
8	TA720808	Adapter, 1/4" NPT Male x 1/4" Gauge Tube	2	
9	TA800902	Hose Clamp, 7/8" (M-6)	16	Stainless Steel
10	TA800906	Hose Clamp, 7/16" (SC-8)	6	Stainless Steel
11	TA800910	Hose Clamp 1/2" (SZ-12)	10	Stainless Steel
12	TA806200	Hose, 3/8" Dia. EPDM	AR	
13	TA806225	Hose, 1/2" Dia. EPDM	AR	
14	TA806250	Hose, 3/4" Dia. EPDM	AR	
15	TA814651	Reducer Bushing, 3/4"-14 NPTF Male x 1/4"-18 NPTF Female	2	
16	TA814652	Reducer Bushing, 3/4"-14 NPTF Male x 3/8"-18 NPTF Female	2	
17	TA814846	Hose Barb, 1/4"-18 NPTF Male x 3/8" Hose Shank	4	
18	TA814891	Tee, 3/4" Hose Shank x 3/4" Hose Shank x 3/4" Hose Shank	2	
19	TA814950	90° Elbow, 3/8"-18 NPTF x 3/8" Hose Shank	2	
20	TA880050	90° Elbow, Nozzle/Single QuickJet 1/2"	2	
21	TA880075	Tee, Nozzle/Single QuickJet 1/2"	2	
22	TA720620	Gauge Tube, 1/4" Dia.	AR	
23	TA808050	90° Elbow, 1/4"-20 MPT x 3/8" Hose Shank	2	
24	407503	Pipe Cap, 3/4"-14 NPT	2	
25	TA862017	Orifice Plate, 0.040" ID x 19/32" OD x 0.060"	18	
	9007735	Nozzle Cap Gasket	18	

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 90' Outer Boom 10-Section 15" Spacing Plumbing Components

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 90' Outer Boom 10-Section 15" Spacing Plumbing Components

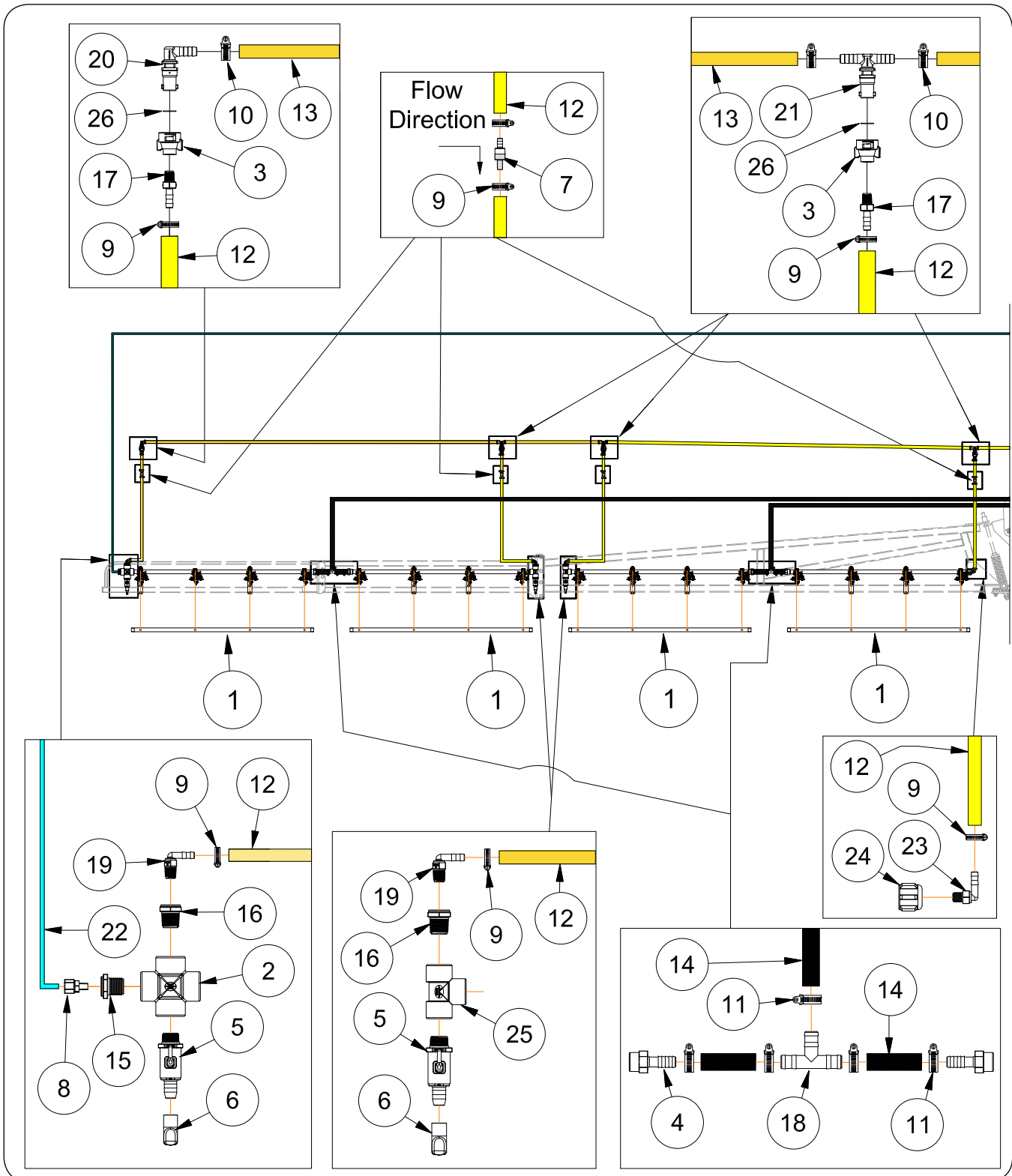
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407496	Pipe, 3/4" SCH40 x 50"	6	
2	TA814910	Cross, 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female	2	
3	TA880261	Adapter Cap, QuickJet x 1/4" NPT Female	6	
4	9005650	Adapter, 3/4"14NPT Thread x 3/4" Hose Barb	4	
5	9007699	Valve, 3/4" MPT x 3/4" Hose Barb	4	
6	9007767	Cap, 3/4" Dia.	4	
7	9008117	Check Valve, 1/4" to 3/8"	6	
8	TA720808	Adapter, 1/4" NPT Male x 1/4" Gauge Tube	2	
9	TA800902	Hose Clamp, 7/8" (M-6)	24	Stainless Steel
10	TA800906	Hose Clamp, 7/16" (SC-8)	10	Stainless Steel
11	TA800910	Hose Clamp 1/2" (SZ-12)	12	Stainless Steel
12	TA806200	Hose, 3/8" Dia. EPDM	AR	
13	TA806225	Hose, 1/2" Dia. EPDM	AR	
14	TA806250	Hose, 3/4" Dia. EPDM	AR	
15	TA814651	Reducer Bushing, 3/4"-14 NPTF Male x 1/4"-18 NPTF Female	2	
16	TA814652	Reducer Bushing, 3/4"-14 NPTF Male x 3/8"-18 NPTF Female	4	
17	TA814846	Hose Barb, 1/4"-18 NPTF Male x 3/8" Hose Shank	6	
18	TA814891	Tee, 3/4" Hose Shank x 3/4" Hose Shank x 3/4" Hose Shank	2	
19	TA814950	90° Elbow, 3/8"-18 NPTF x 3/8" Hose Shank	4	
20	TA880050	90° Elbow, Nozzle/Single QuickJet 1/2"	2	
21	TA880075	Tee, Nozzle/Single QuickJet 1/2"	4	
22	TA720620	Gauge Tube, 1/4" Dia.	AR	
23	TA808050	90° Elbow, 1/4"-20 MPT x 3/8" Hose Shank	2	
24	407503	Pipe Cap, 3/4"-14 NPT	2	
25	TA809826	90° Elbow, 3/4" FPT x 3/4" Hose Shank	2	
26	TA814781	Tee 3/4"-14 NPT Female x 3/4"-14 NPT Female x 3/4"-14 NPT Female	2	
27	TA862017	Orifice Plate, 0.040" ID x 19/32" OD x 0.060"	18	
	9007735	Nozzle Cap Gasket	18	

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 100' Outer Boom 10-Section 15" Spacing Plumbing Components

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 100' Outer Boom 10-Section 15" Spacing Plumbing Components

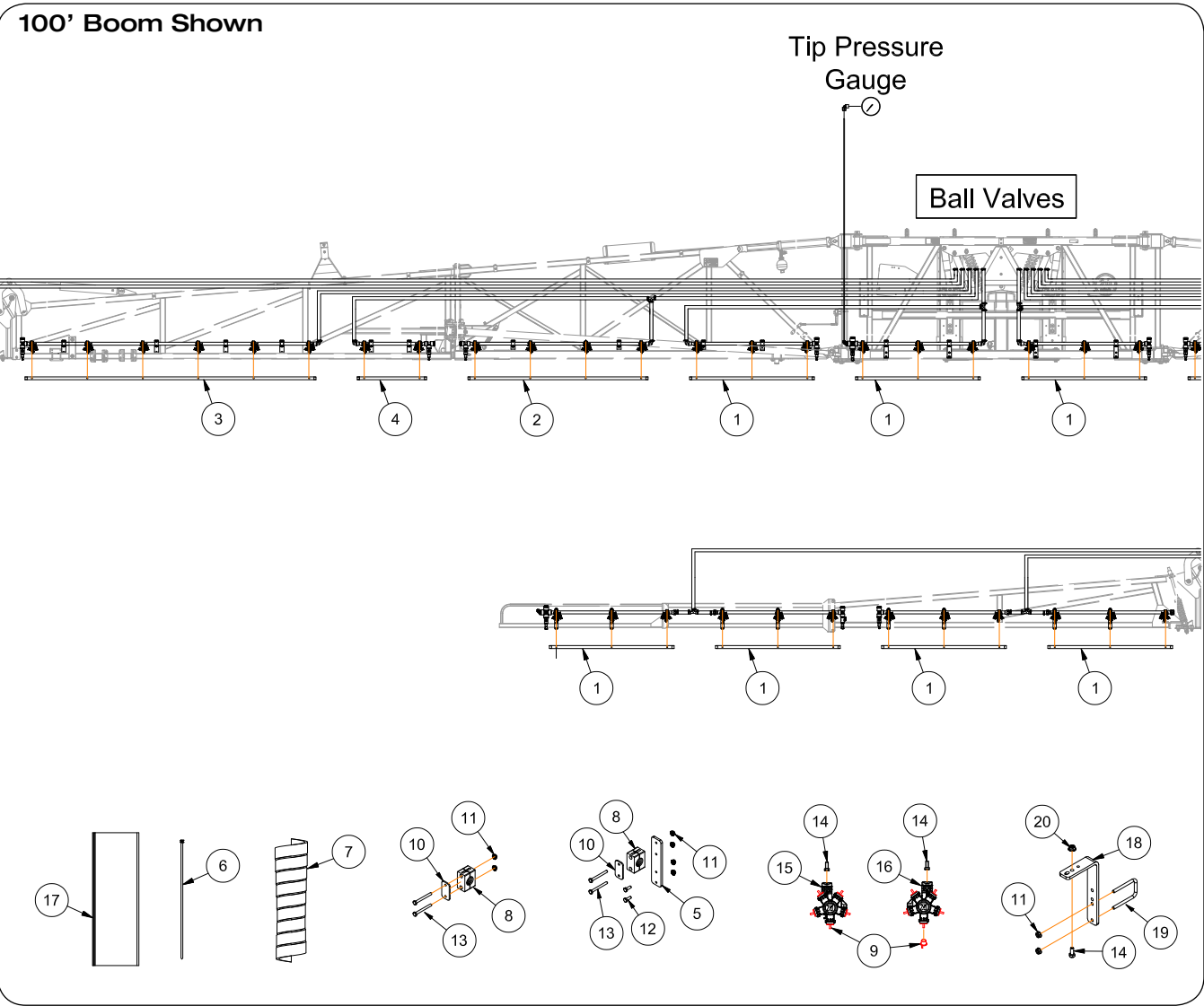
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407496	Pipe, 3/4" SCH40 x 50"	8	
2	TA814910	Cross, 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female	2	
3	TA880261	Adapter Cap, QuickJet x 1/4" NPT Female	8	
4	9005650	Adapter, 3/4"14NPT Thread x 3/4" Hose Barb	8	
5	9007699	Valve, 3/4" MPT x 3/4" Hose Barb	6	
6	9007767	Cap, 3/4" Dia.	6	
7	9008117	Check Valve, 1/4" to 3/8"	8	
8	TA720808	Adapter, 1/4" NPT Male x 1/4" Gauge Tube	2	
9	TA800902	Hose Clamp, 7/8" (M-6)	32	Stainless Steel
10	TA800906	Hose Clamp, 7/16" (SC-8)	14	Stainless Steel
11	TA800910	Hose Clamp 1/2" (SZ-12)	32	Stainless Steel
12	TA806200	Hose, 3/8" Dia. EPDM	AR	
13	TA806225	Hose, 1/2" Dia. EPDM	AR	
14	TA806250	Hose, 3/4" Dia. EPDM	AR	
15	TA814651	Reducer Bushing, 3/4"-14 NPTF Male x 1/4"-18 NPTF Female	2	
16	TA814652	Reducer Bushing, 3/4"-14 NPTF Male x 3/8"-18 NPTF Female	6	
17	TA814846	Hose Barb, 1/4"-18 NPTF Male x 3/8" Hose Shank	8	
18	TA814891	Tee, 3/4" Hose Shank x 3/4" Hose Shank x 3/4" Hose Shank	4	
19	TA814950	90° Elbow, 3/8"-18 NPTF x 3/8" Hose Shank	6	
20	TA880050	90° Elbow, Nozzle/Single QuickJet 1/2"	2	
21	TA880075	Tee, Nozzle/Single QuickJet 1/2"	6	
22	TA720620	Gauge Tube, 1/4" Dia.	AR	
23	TA808050	90° Elbow, 1/4"-20 MPT x 3/8" Hose Shank	2	
24	407503	Pipe Cap, 3/4"-14 NPT	2	
25	TA814781	Tee 3/4"-14 NPT Female x 3/4"-14 NPT Female x 3/4"-14 NPT Female	4	
26	TA862017	Orifice Plate, 0.040" ID x 19/32" OD x 0.060"	18	
	9007735	Nozzle Cap Gasket	18	

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80', 90', & 100' Boom 10-Section 20" Spacing Nozzle Bodies & Mounting Brackets

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80', 90', & 100' Boom 10-Section 20" Spacing Nozzle Bodies & Mounting Brackets

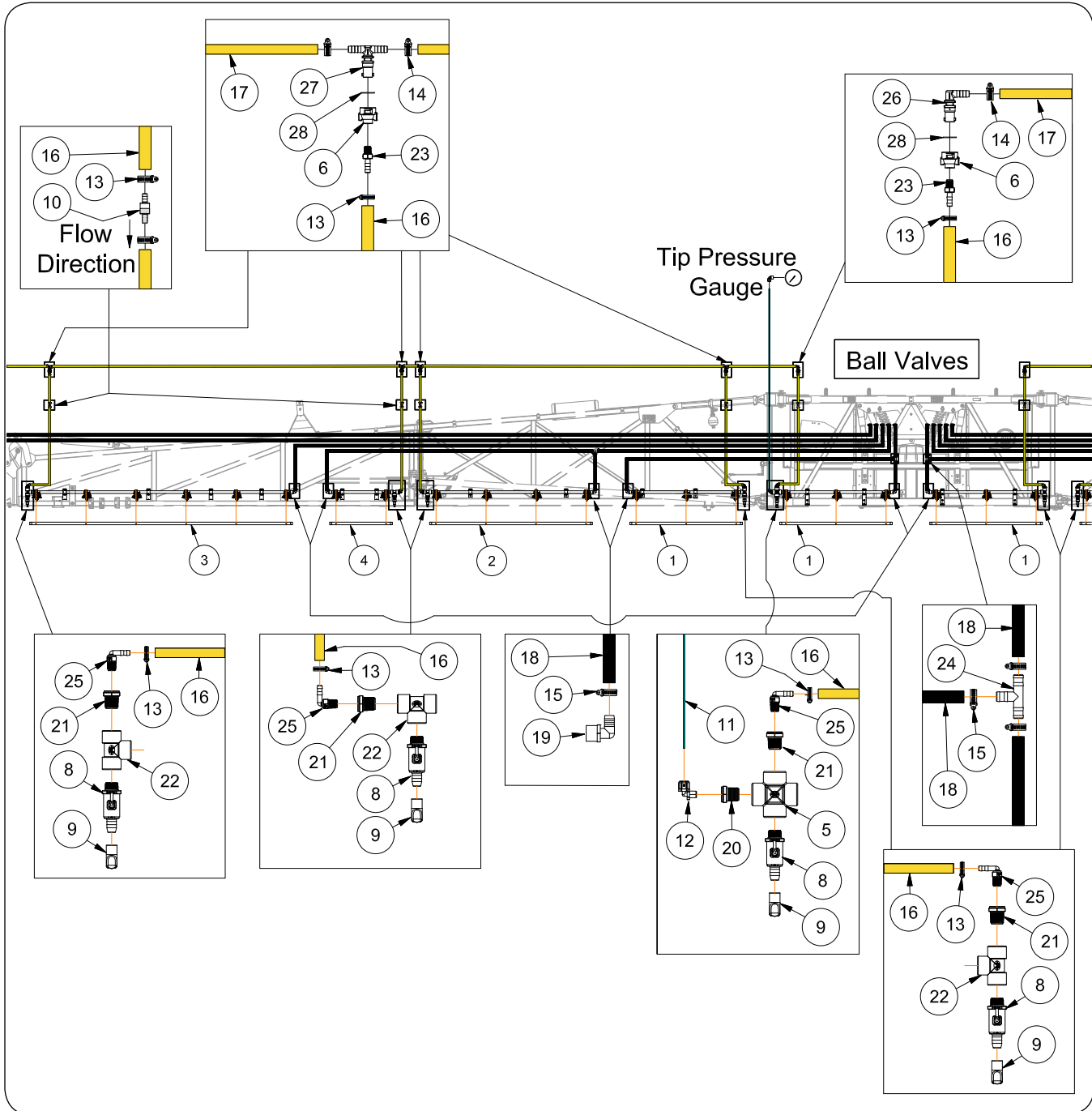
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407477	Pipe, 3/4" SCH40 x 45"	8	80' Boom
			10	90' Boom
			12	100' Boom
2	407478	Pipe, 3/4" SCH40 x 65"	2	
3	407480	Pipe, 3/4" SCH40 x 105"	2	
4	407499	Pipe, 3/4" SCH40 x 25"	65	
5	401318B	Pipe Bracket	4	
6	9000104	Cable Ties	AR	
7	9004075	Spiral Hose Wrap, 1 3/8" Dia.	36 Ft	
8	9003819	Single Clamp Pair (Polypropylene)	24	
9	9003939	Tapered Plastic Plug	AR	
10	9004038	Top Plate for Single Clamp Pair	24	
11	9004720	Flange Nut, 1/4"-20UNC (Stainless Steel)	72	80' Boom
			80	90' Boom
			88	100' Boom
12	900900-003	Capscrew, 1/4"-20UNC x 3/4" (Stainless Steel)	8	
13	900900-011	Capscrew, 1/4"-20UNC x 2 1/2" (Stainless Steel)	48	
14	900900-028	Capscrew, 5/16"-18UNC x 3/4" (Stainless Steel)	48	80' Boom
			54	90' Boom
			60	100' Boom
15	9009993	Quint Nozzle Body w/ RH Check Valve, Teejet Model 370	39	80' Boom
			43	90' Boom
			47	100' Boom
16	9009994	Quint Nozzle Body w/ LH Check Valve, Teejet Model 370	9	80' Boom
			11	90' Boom
			13	100' Boom
17	9003805	Hose 4" Wrap	8 Ft	
	9003849	Hose 3" Wrap	8 Ft	
18	407476B	Outer Boom Nozzle Body Mounting Bracket	8	80' Boom
			12	90' Boom
			16	100' Boom
19	9004714	U-Bolt, 1/4"-20UNC x 2 3/4", 1 13/16" C/C (Stainless Steel)	8	80' Boom
			12	90' Boom
			16	100' Boom
20	9005639	Flange Nut, 5/16"-18UNC (Stainless Steel)	48	80' Boom
			54	90' Boom
			60	100' Boom

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80', 90', & 100' Center, Main and Intermediate Boom 10-Section 20" Spacing - Plumbing Components

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80', 90', & 100' Center, Main and Intermediate Boom 10-Section 20" Spacing - Plumbing Components

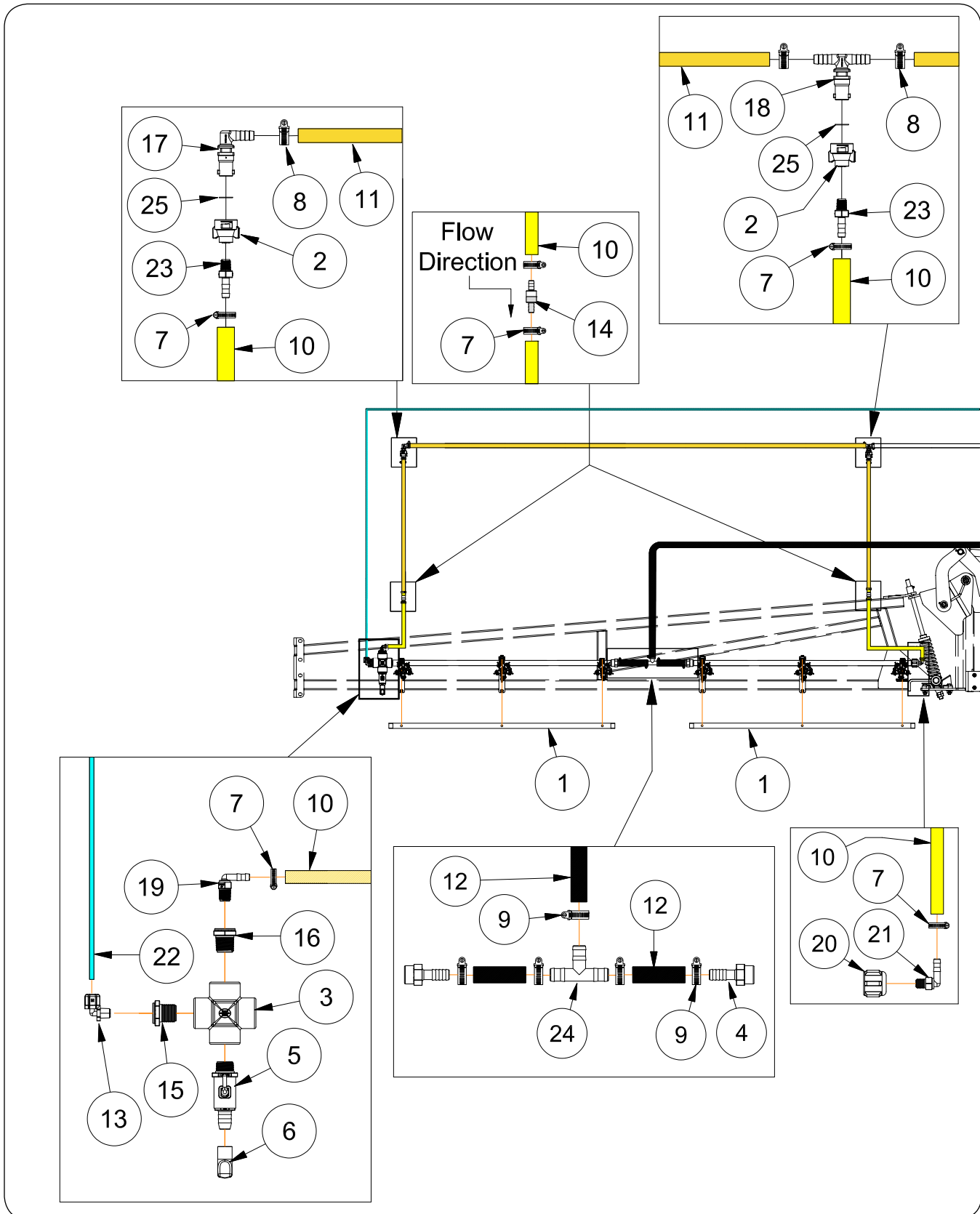
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407477	Pipe, 3/4" SCH40 x 45"	4	
2	407478	Pipe, 3/4" SCH40 x 65"	2	
3	407480	Pipe, 3/4" SCH40 x 105"	2	
4	407499	Pipe, 3/4" SCH40 x 25"	2	
5	TA814910	Cross, 34"-14 NPTF Female x 34"-14 NPTF Female x 34"-14 NPTF Female x 34"-14 NPTF Female	3	
6	TA880261	Adapter Cap, QuickJet x 1/4" NPT Female	10	
7	9005650	Adapter, 3/4"14NPT Thread x 3/4" Hose Barb	8	
8	9007699	Valve, 3/4" MPT x 3/4" Hose Barb	12	
9	9007767	Cap, 3/4" Dia.	12	
10	9008117	Check Valve, 1/4" to 3/8"	10	
11	TA720620	Gauge Tube, 1/4" Dia.	AR	
12	TA720802	90° Elbow 1/4" NPT Male x 1/4" Gauge Tube	3	
13	TA800902	Hose Clamp, 7/8" (M-6) (Stainless Steel)	42	
14	TA800906	Hose Clamp, 7/16" (SC-8) (Stainless Steel)	18	
15	TA800910	Hose Clamp 1/2" (SZ-12) (Stainless Steel)	34	
16	TA806200	Hose, 3/8" Dia. EPDM	AR	
17	TA806225	Hose, 1/2" Dia. EPDM	AR	
18	TA806250	Hose, 3/4" Dia. EPDM	AR	
19	TA809826	90° Elbow, 3/4" FPT x 3/4" Hose Shank	2	
20	TA814651	Reducer Bushing, 3/4"-14 NPTF Male x 1/4"-18 NPTF Female	3	
21	TA814652	Reducer Bushing, 3/4"-14 NPTF Male x 3/8"-18 NPTF Female	12	
22	TA814781	Tee 3/4"-14 NPT Female x 3/4"-14 NPT Female x 3/4"-14 NPT Female	9	
23	TA814846	Hose Barb, 1/4"-18 NPTF Male x 3/8" Hose Shank	10	
24	TA814891	Tee, 3/4" Hose Shank x 3/4" Hose Shank x 3/4" Hose Shank	6	
25	TA814950	90° Elbow, 3/8"-18 NPTF x 3/8" Hose Shank	12	
26	TA880050	90° Elbow, Nozzle/Single QuickJet 1/2"	2	
27	TA880075	Tee, Nozzle/Single QuickJet 1/2"	8	
28	TA862017	Orifice Plate, 0.040" ID x 19/32" OD x 0.060"	18	
	9007735	Nozzle Cap Gasket	18	

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80' Outer Boom 10-Section 20" Spacing Plumbing Components

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 80' Outer Boom 10-Section 20" Spacing Plumbing Components

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407477	Pipe, 3/4" SCH40 x 45"	4	
2	TA880261	Adapter Cap, QuickJet x 1/4" NPT Female	4	
3	TA814910	Cross, 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female	2	
4	9005650	Adapter, 3/4"14NPT Thread x 3/4" Hose Barb	4	
5	9007699	Valve, 3/4" MPT x 3/4" Hose Barb	2	
6	9007767	Cap, 3/4" Dia.	2	
7	TA800902	Hose Clamp, 7/8" (M-6)	16	Stainless Steel
8	TA800906	Hose Clamp, 7/16" (SC-8)	6	Stainless Steel
9	TA800910	Hose Clamp 1/2" (SZ-12)	10	Stainless Steel
10	TA806200	Hose, 3/8" Dia. EPDM	AR	
11	TA806225	Hose, 1/2" Dia. EPDM	AR	
12	TA806250	Hose, 3/4" Dia. EPDM	AR	
13	TA720802	90° Elbow 1/4" NPT Male x 1/4" Gauge Tube	2	
14	9008117	Check Valve, 1/4" to 3/8"	4	
15	TA814651	Reducer Bushing, 3/4"-14 NPTF Male x 1/4"-18 NPTF Female	2	
16	TA814652	Reducer Bushing, 3/4"-14 NPTF Male x 3/8"-18 NPTF Female	2	
17	TA880050	90° Elbow, Nozzle/Single QuickJet 1/2"	2	
18	TA880075	Tee, Nozzle/Single QuickJet 1/2"	2	
19	TA814950	90° Elbow, 3/8"-18 NPTF x 3/8" Hose Shank	2	
20	407503	Pipe Cap, 3/4"-14 NPT	2	
21	TA808050	90° Elbow, 1/4"-20 MPT x 3/8" Hose Shank	2	
22	TA720620	Gauge Tube, 1/4" Dia.	AR	
23	TA814846	Hose Barb, 1/4"-18 NPTF Male x 3/8" Hose Shank	4	
24	TA814891	Tee, 3/4" Hose Shank x 3/4" Hose Shank x 3/4" Hose Shank	2	
25	TA862017	Orifice Plate, 0.040" ID x 19/32" OD x 0.060"	18	
	9007735	Nozzle Cap Gasket	18	

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 90' Outer Boom 10-Section 20" Spacing Plumbing Components

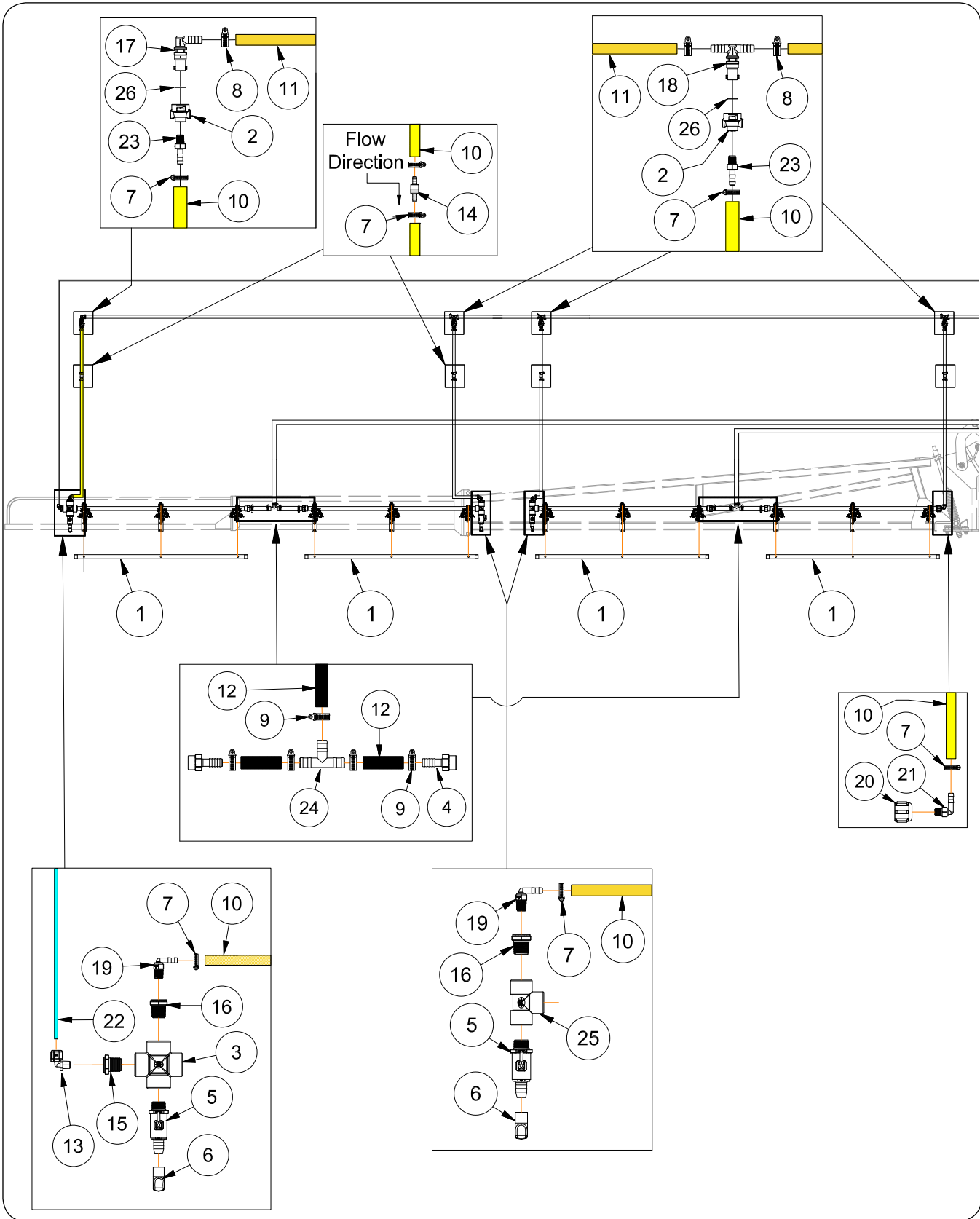
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407477	Pipe, 3/4" SCH40 x 45"	6	
2	TA880261	Adapter Cap, QuickJet x 1/4" NPT Female	4	
3	TA814910	Cross, 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female	2	
4	9005650	Adapter, 3/4"14NPT Thread x 3/4" Hose Barb	8	
5	9007699	Valve, 3/4" MPT x 3/4" Hose Barb	2	
6	9007767	Cap, 3/4" Dia.	2	
7	TA800902	Hose Clamp, 7/8" (M-6)	16	Stainless Steel
8	TA800906	Hose Clamp, 7/16" (SC-8)	6	Stainless Steel
9	TA800910	Hose Clamp 1/2" (SZ-12)	14	Stainless Steel
10	TA806200	Hose, 3/8" Dia. EPDM	AR	
11	TA806225	Hose, 1/2" Dia. EPDM	AR	
12	TA806250	Hose, 3/4" Dia. EPDM	AR	
13	TA720802	90° Elbow 1/4" NPT Male x 1/4" Gauge Tube	2	
14	9008117	Check Valve, 1/4" to 3/8"	4	
15	TA814651	Reducer Bushing, 3/4"-14 NPTF Male x 1/4"-18 NPTF Female	2	
16	TA814652	Reducer Bushing, 3/4"-14 NPTF Male x 3/8"-18 NPTF Female	2	
17	TA880050	90° Elbow, Nozzle/Single QuickJet 1/2"	2	
18	TA880075	Tee, Nozzle/Single QuickJet 1/2"	2	
19	TA814950	90° Elbow, 3/8"-18 NPTF x 3/8" Hose Shank	2	
20	407503	Pipe Cap, 3/4"-14 NPT	2	
21	TA808050	90° Elbow, 1/4"-20 MPT x 3/8" Hose Shank	2	
22	TA720620	Gauge Tube, 1/4" Dia.	AR	
23	TA814846	Hose Barb, 1/4"-18 NPTF Male x 3/8" Hose Shank	4	
24	TA814891	Tee, 3/4" Hose Shank x 3/4" Hose Shank x 3/4" Hose Shank	2	
25	TA862017	Orifice Plate, 0.040" ID x 19/32" OD x 0.060"	18	
	9007735	Nozzle Cap Gasket	18	

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 100' Outer Boom 10-Section 20" Spacing Plumbing Components

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Spray Plumbing - 100' Outer Boom 10-Section 20" Spacing Plumbing Components

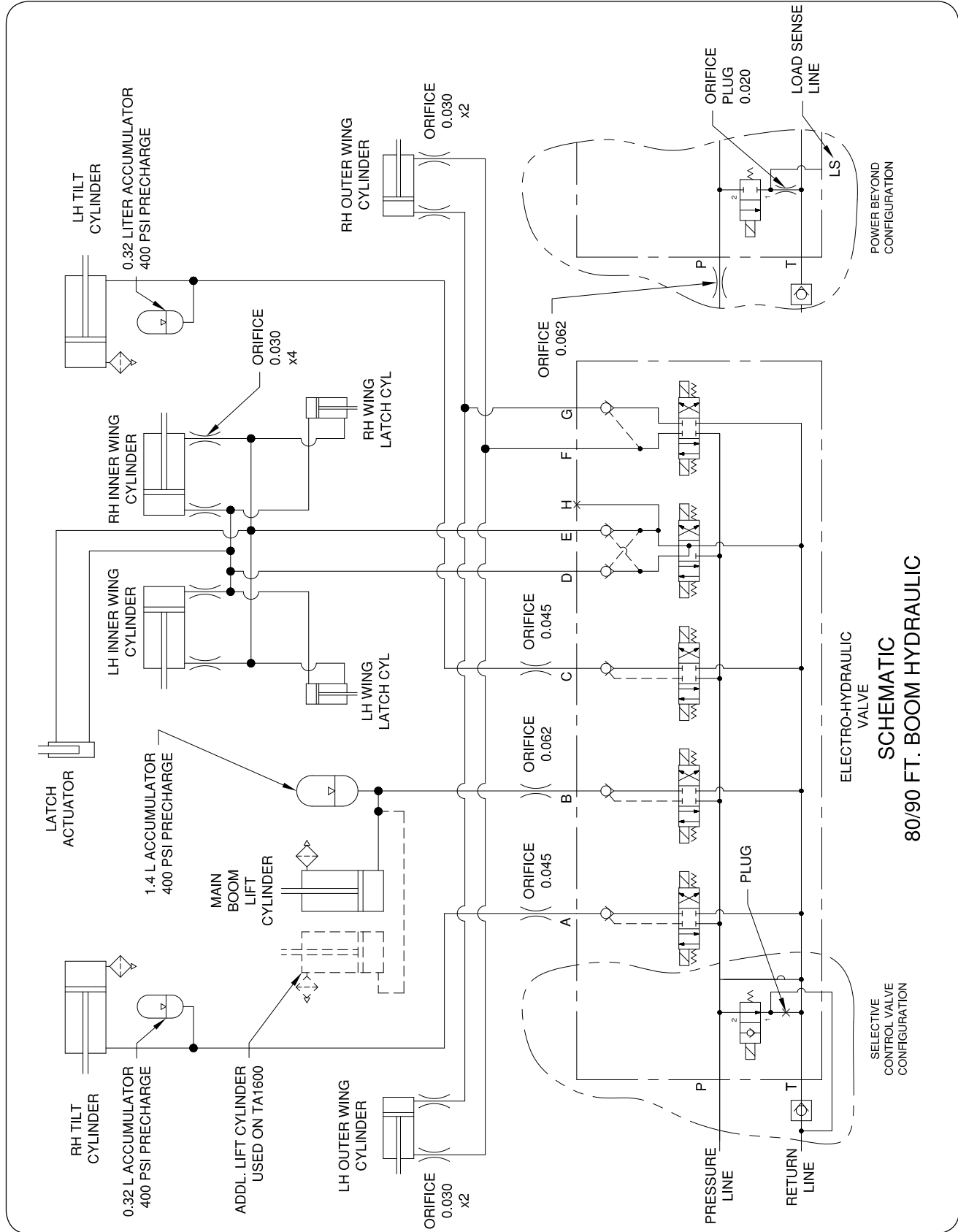
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	407477	Pipe, 3/4" SCH40 x 45"	8	
2	TA880261	Adapter Cap, QuickJet x 1/4" NPT Female	8	
3	TA814910	Cross, 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female	2	
4	9005650	Adapter, 3/4"14NPT Thread x 3/4" Hose Barb	8	
5	9007699	Valve, 3/4" MPT x 3/4" Hose Barb	6	
6	9007767	Cap, 3/4" Dia.	6	
7	TA800902	Hose Clamp, 7/8" (M-6)	28	Stainless Steel
8	TA800906	Hose Clamp, 7/16" (SC-8)	14	Stainless Steel
9	TA800910	Hose Clamp 1/2" (SZ-12)	20	Stainless Steel
10	TA806200	Hose, 3/8" Dia. EPDM	AR	
11	TA806225	Hose, 1/2" Dia. EPDM	AR	
12	TA806250	Hose, 3/4" Dia. EPDM	AR	
13	TA720802	90° Elbow 1/4" NPT Male x 1/4" Gauge Tube	2	
14	9008117	Check Valve, 1/4" to 3/8"	6	
15	TA814651	Reducer Bushing, 3/4"-14 NPTF Male x 1/4"-18 NPTF Female	2	
16	TA814652	Reducer Bushing, 3/4"-14 NPTF Male x 3/8"-18 NPTF Female	6	
17	TA880050	90° Elbow, Nozzle/Single QuickJet 1/2"	2	
18	TA880075	Tee, Nozzle/Single QuickJet 1/2"	6	
19	TA814950	90° Elbow, 3/8"-18 NPTF x 3/8" Hose Shank	2	
20	407503	Pipe Cap, 3/4"-14 NPT	2	
21	TA808050	90° Elbow, 1/4"-20 MPT x 3/8" Hose Shank	2	
22	TA720620	Gauge Tube, 1/4" Dia.	AR	
23	TA814846	Hose Barb, 1/4"-18 NPTF Male x 3/8" Hose Shank	8	
24	TA814891	Tee, 3/4" Hose Shank x 3/4" Hose Shank x 3/4" Hose Shank	4	
25	TA814781	Tee 3/4"-14 NPT Female x 3/4"-14 NPT Female x 3/4"-14 NPT Female	4	
26	TA862017	Orifice Plate, 0.040" ID x 19/32" OD x 0.060"	18	
	9007735	Nozzle Cap Gasket	18	

Front-Fold Booms 80' / 90' / 100' — Parts

Hydraulic Schematic

Please visit www.unverferth.com/parts/ for the most current parts listing.



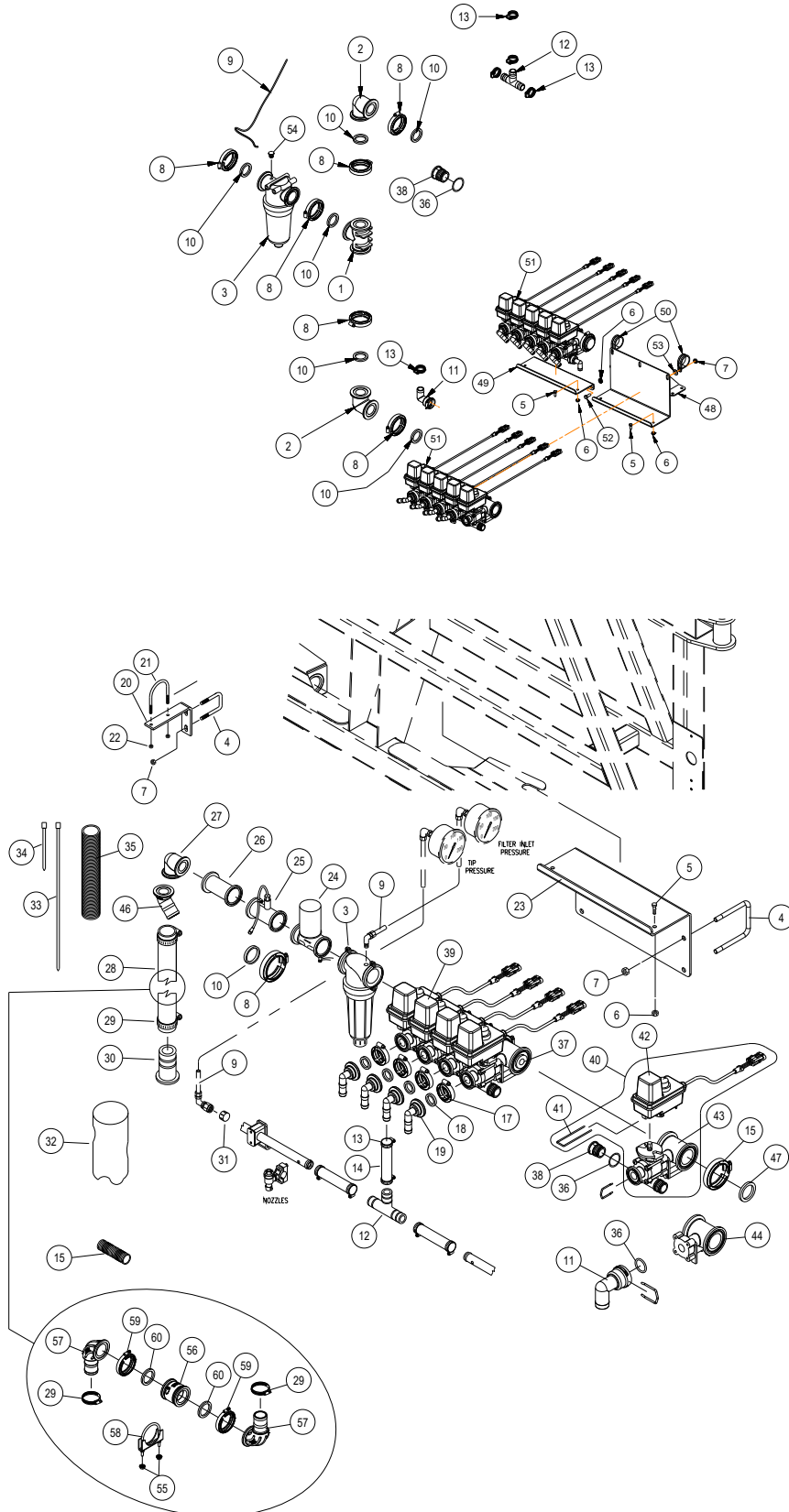
Notes

Please visit www.unverferth.com/parts/ for the most current parts listing.

Front-Fold Booms 80' / 90' / 100' — Parts

Spray Control System

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

Spray Control System

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	TA815007	Tee 2" Flange x 2" Flange x 2" Flange	1	
2	TA816017	90° Elbow 2" Flange x 2" Flange	2	
3	402255	Strainer, 2" Flange	1	
4	9004688	U-Bolt, 3/8"-16UNC x 2 7/8", 2 3/8 C/C	3	Stainless Steel
5	900900-028	Capscrew, 5/16"-18UNC x 3/4"	2	Stainless Steel
6	9005639	Flange Nut, 5/16"-18UNC	8	Stainless Steel
7	9005640	Flange Nut, 3/8"-16UNC	6	Stainless Steel
8	TA815025	Clamp, 2" Worm Screw	AR	
9	TA720620	Gauge Tube, 1/4"	AR	Specify Length (Feet)
10	TA811944	Gasket, EPDM - 2" Flange	AR	
11	TA854885	90° Elbow 3/4" Hose Barb x Quick Connect	1	6 Section
			2	10 Section
12	TA814891	Hose Barb Tee 3/4"	AR	
13	TA800910	Hose Clamp for 3/4" Hoses	AR	
14	TA806250	Hose, EPDM - 3/4"	AR	Specify Length (Feet)
15	9004075	Helical Hose Wrap for 3/4" Hose	AR	Specify Length (Feet)
16	9004820	Decal, Flo-Bak Ball Valve	1	NOT SHOWN
17	TA815026	Clamp, 1" Worm Screw	AR	
18	TA815029	Gasket, EPDM - 1" Flange	AR	
19	TA815017	Elbow, 1" Flange x 3/4" HB 90°	AR	
20	409305B	Plumbing Bracket Plate	1	
21	9004681	U-Bolt, 1/4"-20UNC x 3 1/2", 2 7/8" C/C	1	Stainless Steel
22	9004720	Flange Nut, 1/4"-20UNC	2	Stainless Steel
23	407121B	Plate, Manifold - 6 Section Valve	1	
24	TA720260	Regulating Valve, 1 1/2"	1	Not Used With PWM Pumps
	TA720258	Regulating Valve, 1"	1	
25	9007613	Flowmeter, RFM 100P	1	
26	TA815003	Coupling, 2" Flange x 2" Flange	1	
27	TA816017	Elbow, 2" Flange x 2" Flange	1	
28	TA806328	Hose, EPDM - 2"	AR	Specify Length (Feet)
29	TA800922	Clamp, 2" Worm Screw	AR	
30	TA815016	Coupling, 2" Flange x 2" HB Straight	1	
31	407503	Pipe Cap, 3/4 FPT x 1/4 FPT	2	
32	9003805	Hose Wrap - 4"	AR	Specify Length (Feet)
33	9000104	Cable Tie, 21 1/2	AR	Use as required

(Continued on next page)

Front-Fold Booms 80' / 90' / 100' — Parts

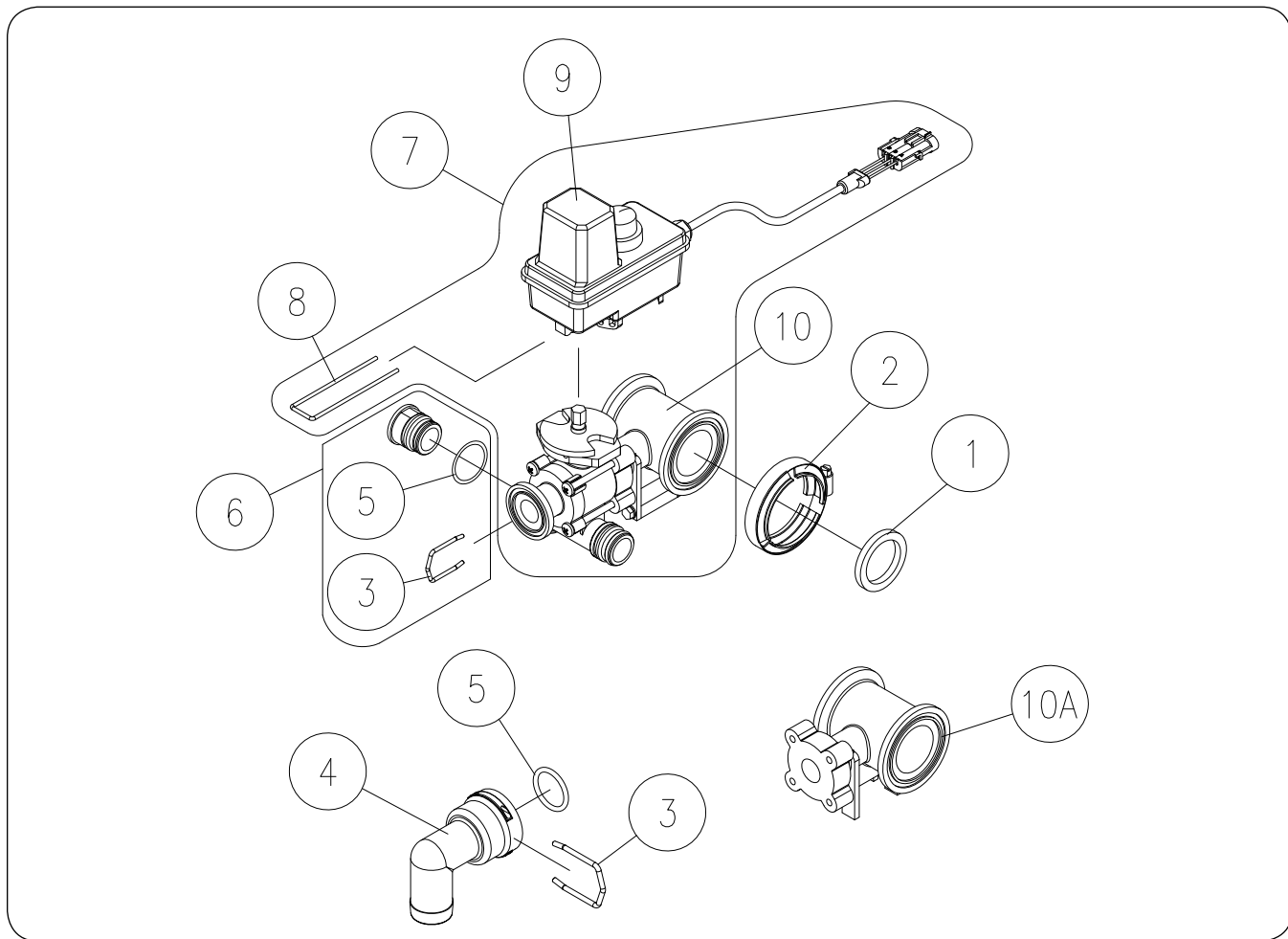
Spray Control System (continued)

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
34	9000106	Cable Tie, 6"	AR	Use as required
35	9004130	Helical Hose Wrap for 2" Hose	AR	Specify Length (Feet)
36	TA854887	O-Ring	AR	
37	TA815023	2" Flange Plug	1	
38	TA854884	Quick Connect Plug Kit	2/1	Includes Items 36, 40
39	9006628	Ball Valve Flange Asy, 4-Section	1	
	9006801	Ball Valve Flange Asy, 5-Section	1	
	9006629	Ball Valve Flange Asy, 6-Section	1	
40	TA854881	450 FLO-BAK Ball Valve	AR	Includes Items 46, 47, 48
41	TA854875	Retainer Clip	AR	
42	TA854874	Ball Valve Motor Head	AR	
43	TA854882	450 FLO-BAK Ball Valve	AR	Less Motor (Valve Only)
44	9007368	Narrow Tee Body Ball Valve, Poly Fitting	AR	Replacement Only
45	900900-030	Capscrew, 5/16"-18UNC x 1"	8	Stainless Steel
46	9005587	45° Elbow, 2" Flange x 2" Hose Barb	1	
47	9006626	O-Ring	AR	
48	409301B	Manifold Bracket Weldment =Black=	1	
49	409307B	Manifold Plate Bracket =Black=	1	
50	9006213	Metal Cable Clamp	2	
51	9006801	Valve Assembly	2	Includes Item 4, 15, 51, 57
52	900900-055	Capscrew, 3/8"-16UNC x 1"	3	Stainless Steel
53	900902-038	Flat Washer, 3/8" USS	3	Stainless Steel
54	TA809875	1/4" Hex Plug	1	
55	9005639	Flange Nut, 5/16"-18UNC	2	Stainless Steel
56	9006961	2" FP Swivel	1	
57	9006966	90° Elbow, 2" FP Flange x 2" Hose Barb	2	
58	9006967	5/16"-18UNC U-Bolt & Saddle Assembly	1	
59	TA816000	Flange Clamp, 2" FP	2	
60	TA816001	Flange Gasket, 2" FP	2	

Ball Valve Manifold - Model 450 FLO-BAK™ Valve

Please visit www.unverferth.com/parts/ for the most current parts listing.

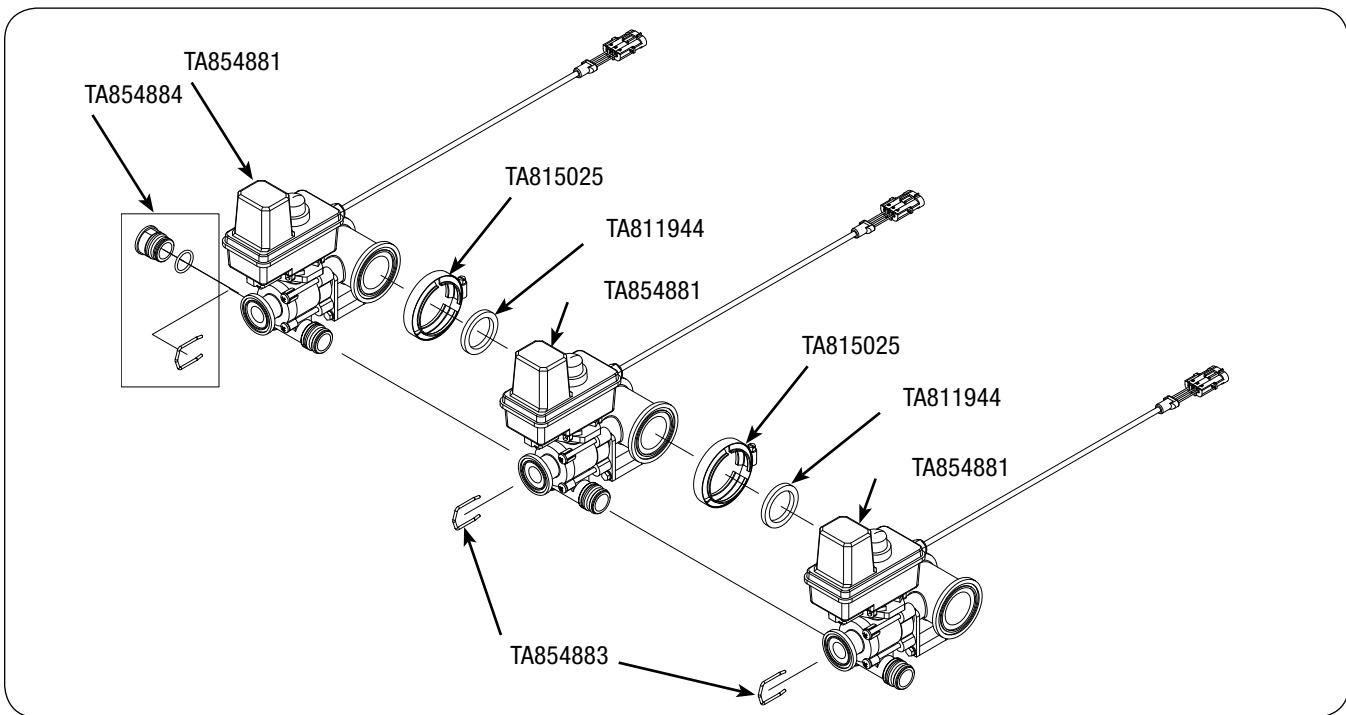


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	TA811944	Gasket, EPDM - 2" Flange	A/R	
2	TA815025	Clamp, 2" Worm Screw	A/R	
3	TA854883	Wire Clip Retainer	A/R	
4	TA854885	3/4" Hose Barb Elbow	1	
5	TA854887	O-Ring	A/R	
6	TA854884	Quick Connect Plug Kit	1	Includes Items 3, 5
7	TA854881	450 FLO-BAK Ball Valve	A/R	Includes Items 8, 9, 10
8	TA854875	Retainer Clip	A/R	
9	TA854874	Ball Valve Motor Head	A/R	
10	TA854882	450 FLO-BAK Ball Valve - Less Motor (Valve Only)	A/R	
10A	9007368	Narrow Tee Body Ball Valve, Poly Fitting	A/R	Replacement Only

Front-Fold Booms 80' / 90' / 100' — Parts

FLO-BAK™ Ball Valve Manifold - Model 450

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

FLO-BAK™ Ball Valve Manifold - Model 450

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY NUMBER OF SECTIONS	
			6	10
1	402255	Strainer - 2" Flanged Line	1	2
2	9004688	U-Bolt, 3/8"-16UNC x 2 7/8", 2 3/8" C/C (Stainless Steel)	3	6
3	9004681	U-Bolt, 1/4"-20UNC x 3 1/2", 2 7/8" C/C (Stainless Steel)	1	2
4	9004720	Flange Nut, 1/4"-20UNC (Stainless Steel)	2	4
5	9004820	Decal, Flo-Bak Ball Valve	1	2
6	900900-028	Capscrew, 5/16"-18UNC x 3/4" (Stainless Steel)	2	4
7	900901-004	Hex Nut, 5/16"-18UNC" (Stainless Steel)	2	4
8	900901-006	Hex Nut, 3/8-16UNC" (Stainless Steel)	6	12
9	900902-038	Flat Washer, 3/8" (Stainless Steel)	2	4
10	900903-019	Lock Washer, 5/16" (Stainless Steel)	2	4
11	900903-021	Lock Washer, 3/8" (Stainless Steel)	6	12
12	TA720620	1/4" Gauge Tubing	A/R	A/R
13	TA720802	90° Elbow 1/4" NPT Male x 1/4" Gauge Tube	1	2
14	TA800910	Hose Clamp SC-12 (Stainless Steel)	2	4
15	TA800922	Hose Clamp SC-36 (Stainless Steel)	2	4
16	TA805408	Tank Fitting 3/4" Double Threaded	1	2
17	TA806250	Hose EPDM 3/4" Dia.	A/R	A/R
18	TA811944	Gasket 2 3/16" OD x 1 5/8" ID (#150G)	A/R	A/R
19	TA814961	90° Elbow Hose Barb 3/4-14 NPTF Male x 3/4 Hose Shank	1	2
20	TA815003	Coupling Poly 2" Flange x 2" Flange	1	2
21	TA854885	Hose Barb Quick Connect Kit (Includes Items 30 & 31)	1	2
22	TA815017	90° Elbow Poly 1" Flange x 3/4" Hose Barb	6	10
23	TA815023	Plug 2" Flange	2	4
24	TA815025	Flange Clamp 2" w/Worm Screw Clamp	3	6
25	TA815026	Flange Clamp 1" w/Worm Screw Clamp	6	10
26	TA815029	Gasket/Seal 1" EPDM	A/R	A/R
27	TA854881	Ball Valve, 450 Flo-Bak (Single Manifold)	6	10
28	9004075	Spiral Hose Wrap	A/R	A/R
29	9004874	Decal, Sprayer Operation	1	2
30	TA854883	Wire Clip Retainer	2	4
31	TA854887	O-Ring	2	4
32	TA854884	Plug, Quick Connect Kit (Includes Items 30 & 31)	1	2

Front-Fold Booms 80' / 90' / 100' — Parts

Electric Fence Row Nozzle Kit (Optional)

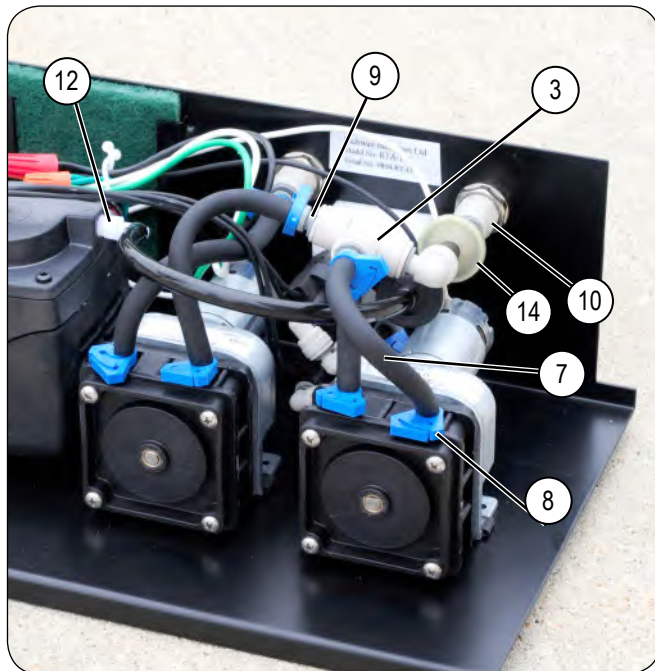
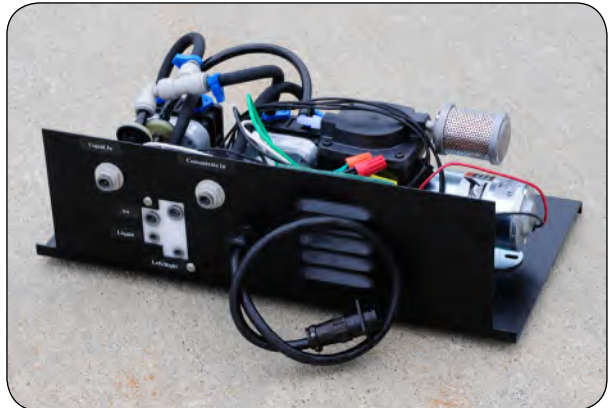
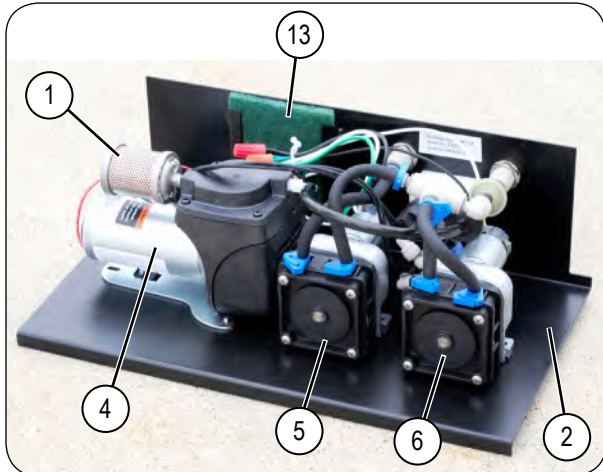
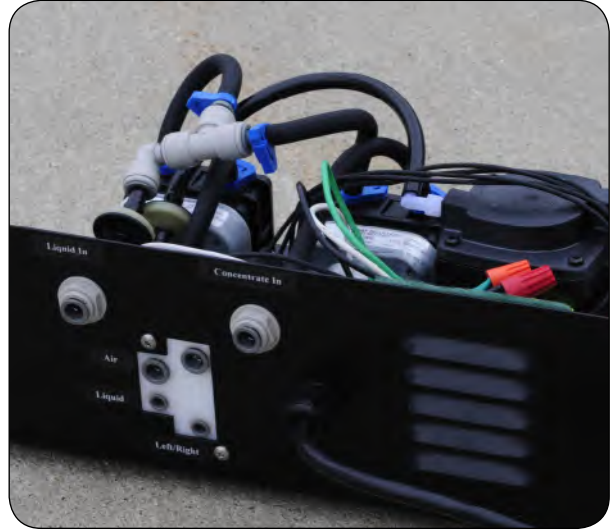
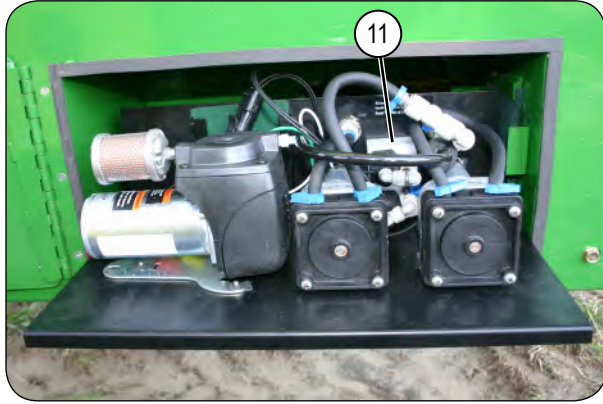
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
	402584	Fence Row Nozzle Kit	1	For 80/90' Booms
	403712			For 100' Booms
1	9004010	Harness, Fence Row	1	For 80/90' Booms
	9004471			For 100' Booms
2	9000107	Tie Strap, 15 1/2"	60	
3	9004372	Reducing Bushing, 3/8 - 1/4"	2	Note: Bushing not required if item #4 (pipe nipple) threads directly into the wet boom pipe female fitting.
4	9004011	Pipe Nipple, 1/4" Brass	2	
5	9004012	Solenoid Valve - 2-way, 2-position	2	
6	TA880276	Spray Tip Adapter, 45-degrees	2	
7	TA881100	Spray Tip Seal Gasket	2	
8	TA847211	Offset Spray Tip	2	
9	TA881010	Spray Tip Cap	2	
10	903172-098	Pan Head, #6-32UNC x 1 1/4"	8	
11	9830-013	Hex Nut, #6-32 G2	8	
12	TA801065	Hose Clamp	4	
13	TA806195	Hose	2	
14	TA809523	90-degree Elbow	2	
16	407503	Threaded Cap	2	
17	TA816043	Elbow 90-degree Brass	4	

Front-Fold Booms 80' / 90' / 100' — Parts

Foam Marker Components (Optional)

Please visit www.unverferth.com/parts/ for the most current parts listing.



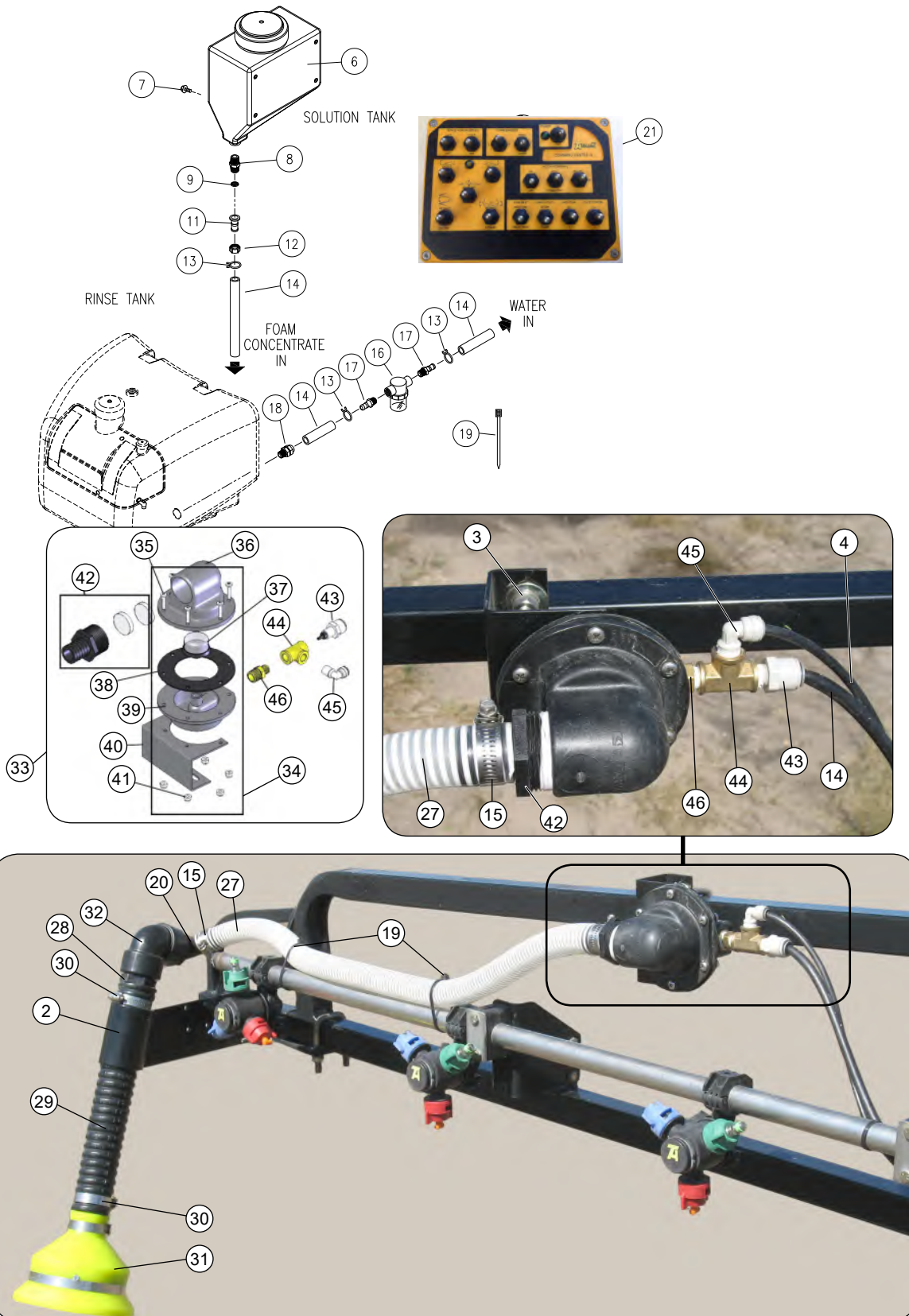
Foam Marker Components (Optional)

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	TA750020	Air Filter	1	
2	9005229	Tray Weldment	1	
3	9005204	Tee 3/8 Push Lock	1	
4	TA750019	Compressor	1	
5	9005227	Concentrate Pump	1	
6	9005226	Water Pump	1	
7	TA750311	Pump Tube	1	
8	TA801906	Speed Clamp	2	
9	9005224	Stem 1/4 HB x 3/8	2	
10	9003944	Bulkhead 3/8	2	
11	9005223	Control Module w/ Solenoids	1	
12	TA808024	90° Elbow 1/8 M x 1/4 Hose Barb	1	
13	TA816029	Louver Filter	1	
14	9006313	In-Line Check Valve	2	

Foam Marker Assembly (Optional)

Please visit www.unverferth.com/parts/ for the most current parts listing.



Front-Fold Booms 80' / 90' / 100' — Parts

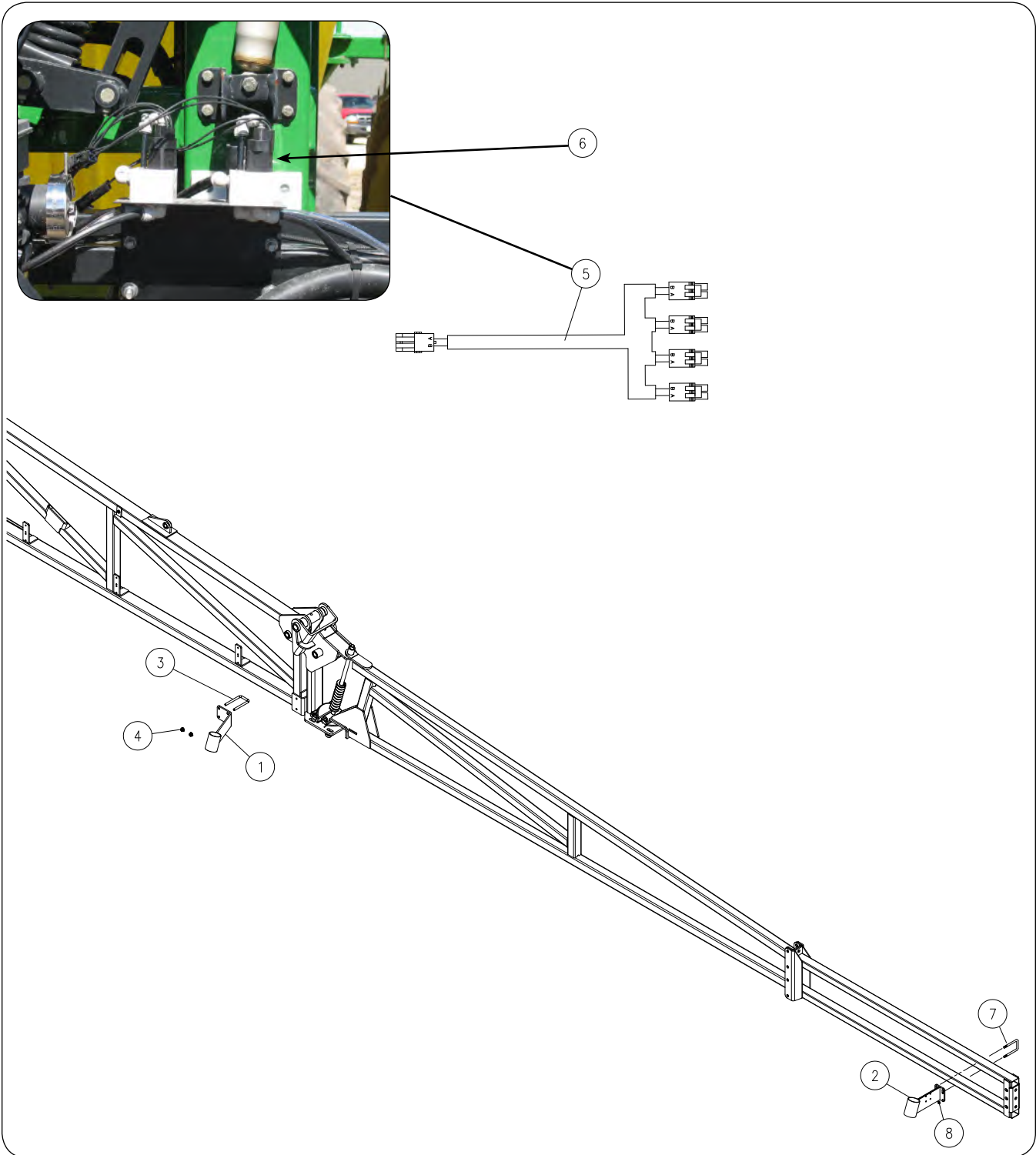
Foam Marker Assembly (Optional)

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	TA750289	Union 1/4" Hose Push-to-Connect Style	4	
2	405823B	Foamer Bracket	2/4	
3	9004685	U-Bolt, 3/8"-16UNC x 2 3/4", 1 7/8" C/C for 1 1/2" Tube	4	Stainless Steel
	9004688	U-Bolt, 3/8"-16UNC x 2 7/8", 2 3/8" C/C for 2" Tube	4	Stainless Steel
	900902-038	Flat Washer, 3/8"	8	Stainless Steel
	9005640	Flange Nut, 3/8"-16UNC	8	Stainless Steel
4	TA720620	Gauge Tubing 1/4"	A/R	
6	9003759	Tank, Solution =Yellow=	1	
	9004816	Tank, Solution =Grey=		
7	91256	Screw/Large Flange 5/16"-18UNC x 3/4 Grade 5	4	
8	TA809400	Close Nipple, 3/4"	1	
9	9005604	Washer/Strainer	1	
11	TA809750	Hose Barb, 1/4" Flat Seat	1	
12	TA809160	Hex Nut, 3/4" FPT	1	
13	TA750219	Squeeze Clamp	3	
14	TA750051	Black 3/8" Tubing	A/R	
15	TA800914	Hose Clamp, SC-20	4	Stainless Steel
16	TA813070	Strainer 80 Mesh Line	1	
17	TA810180	Adapter, 1/2 NPT x 1/4 Hose Barb	2	
18	TA750120	Quick Coupler, 1/4 MPT x 3/8	1	
19	9000107	Tie Strap, 12"	A/R	
20	TA814971	90° Elbow, Poly	2	
21	9007776	Control Box Command Center IV	1	
25	9004720	Flange Nut, 1/4"-20UNC	8	Stainless Steel
27	TA750034	Hose 1" Foam	A/R	
28	TA814869	Adapter, 1 1/4 NPTF Male x 1 1/2 Hose Barb	2	
29	TA816044	Hose 1 1/2 Collector	2	
30	TA800920	Hose Clamp, SC-32	4	Stainless Steel
31	TA750062	Collector Head, 1 1/2"	2	
32	TA814793	90° Elbow, 1 1/4 NPTF Female	2	
33	9005220	Foamhead Assembly	1	
34	9005221	Foam Assembly	1	
	35	9005209	Screw	5
	36	9005210	Top Housing	1
	37	9005211	3/8 Screen	1
	38	9005212	Gasket	1
	39	9005213	Bottom Housing	1
	40	9005214	Mounting Bracket	1
	41	9005215	Nut	5
42	9005208	Homogenizer Nipple	1	
43	9005216	Venturi 1/4m x 3/8t	1	
44	9005217	Tee 1/4f	1	
45	9005218	90° Elbow 1/4m x 1/4t	1	
46	9005219	Adapter, 1/4m x 3/8m	1	

Double Drop Foam Marker Components (Optional)

Please visit www.unverferth.com/parts/ for the most current parts listing.



Double Drop Foam Marker Components (Optional)

Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
1	407676B	Plate, RH Foamer Bracket	1	
	407674B	Plate, LH Foamer Bracket	1	
2	405823B	Foamer Bracket	2/4	
3	9004684	U-Bolt, 3/8"-16UNC x 4", 2 3/8" C/C	4	Stainless Steel
4	9005640	Flange Nut, 3/8"-16UNC	8	Stainless Steel
5	9005485	Harness, Switch	1	
6	9005203	Dual Drop Control Module Block	1	
	9005206	Dual Drop 3 Way Solenoid Valve	1	
	9005207	Dual Drop Control Module Bracket	1	
7	9004714	U-Bolt, 1/4"-20UNC x 2 3/4", 1 13/16" C/C	4	Stainless Steel
8	9004720	Flange Nut, 1/4"-20UNC	8	Stainless Steel



Scan the QR code for additional product information.



Unverferth[®]

Manufacturing Company, Inc. www.unverferth.com