



Seedbed Tillage

Raptor® Strip-Till Tool With 1200 Gallon Liquid Fertilizer Cart

Models 2130LT & 2115LT
Beginning with Serial Number A70820100

Parts Catalog Part Number 47982

Refer to Part Number 47981 for Operator's Manual.

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FOR INDUCTOR INFORMATION, PLEASE REFER TO YOUR INDUCTOR MANUAL.

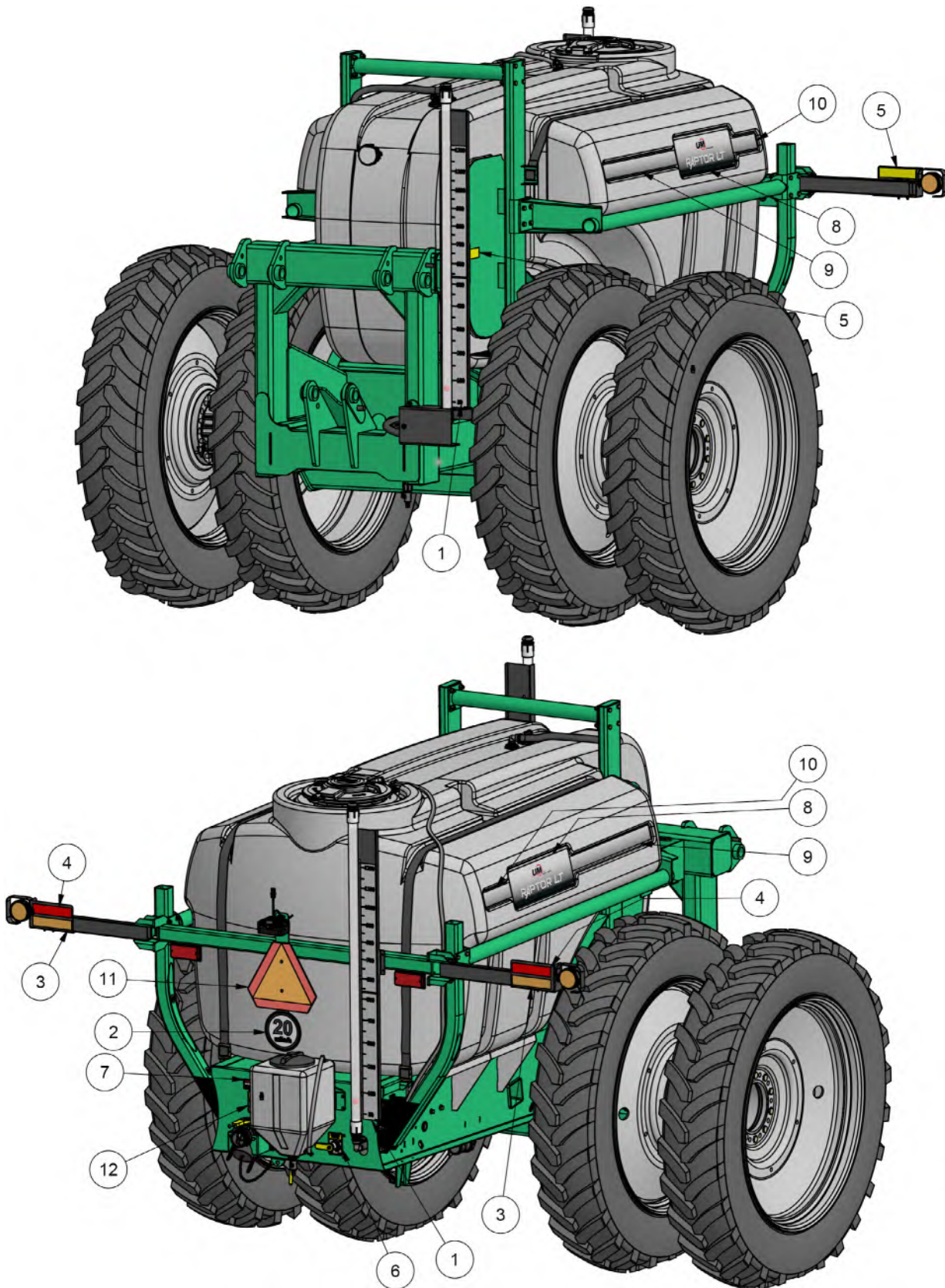
1200 GALLON LIQUID FERTILIZER CART — Parts

Notes

1200 GALLON LIQUID FERTILIZER CART — Parts

Decals

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



1200 GALLON LIQUID FERTILIZER CART — Parts

Decals

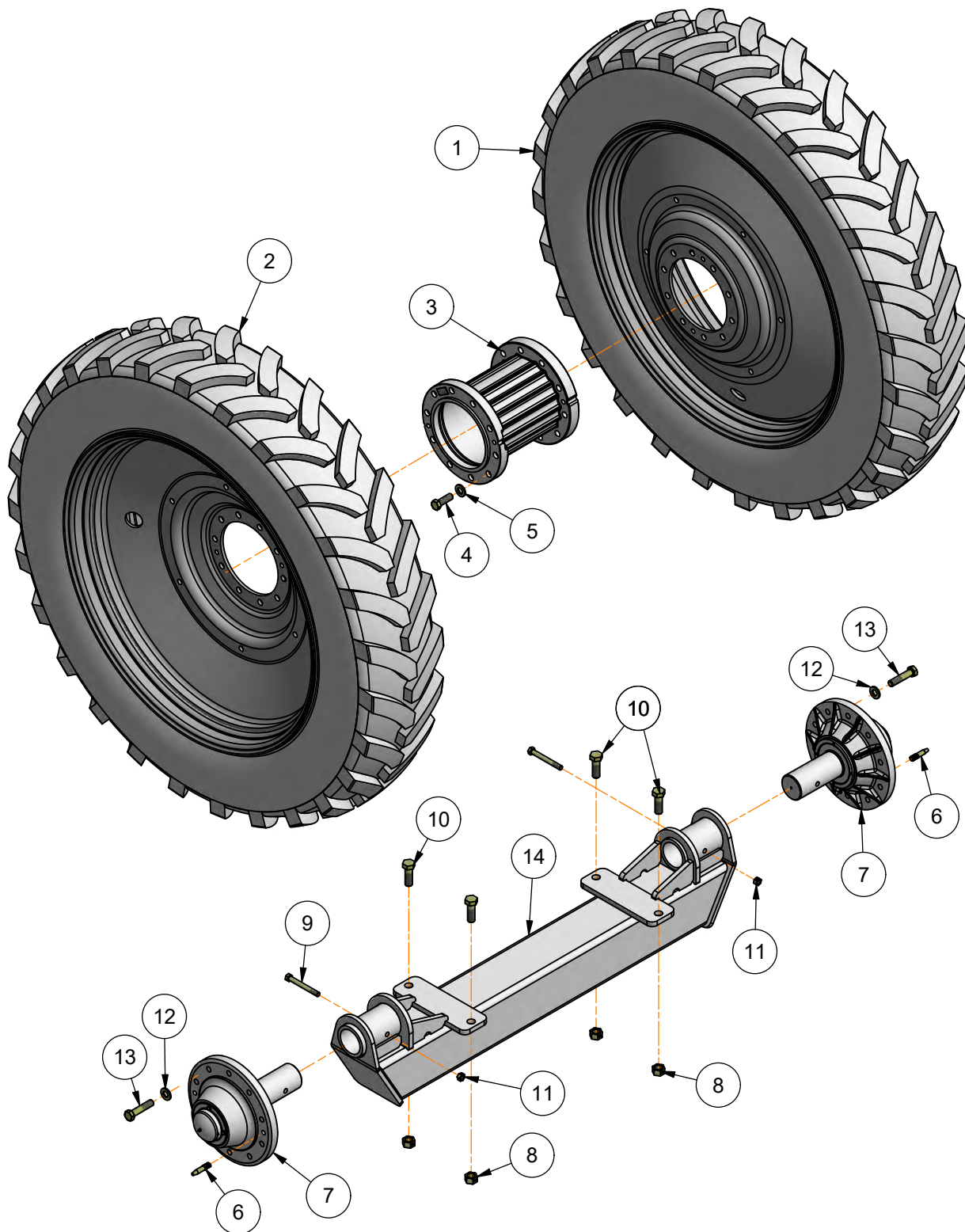
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ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	9004817	Decal, Volume Indicator 1200	2	
2	79342B	Plate with 20MPH Decal	1	
	9008714	Decal, Rear SIS 20MPH	1	
3	9003125	Decal, Fluorescent Orange	2	
4	9003126	Reflector, RED	2	
5	9003127	Reflector, AMBER	4	
6	9004361	Decal, Agitation Control	1	
7	901256	Decal, DANGER (Chemical Exposure...)	1	
8	9503788	Decal, RAPTOR LT	2	
9	9503789	Decal, Faded Stripe (3" x 31.75")	2	
10	9503790	Decal, Faded Stripe (3" x 10.75")	2	
11	TA510514	SMV Emblem	1	
12	9004784	Decal,Quick Fill	1	

1200 GALLON LIQUID FERTILIZER CART — Parts

Axle, Extension, and Wheel Components

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1200 GALLON LIQUID FERTILIZER CART — Parts

Axle, Extension, and Wheel Components

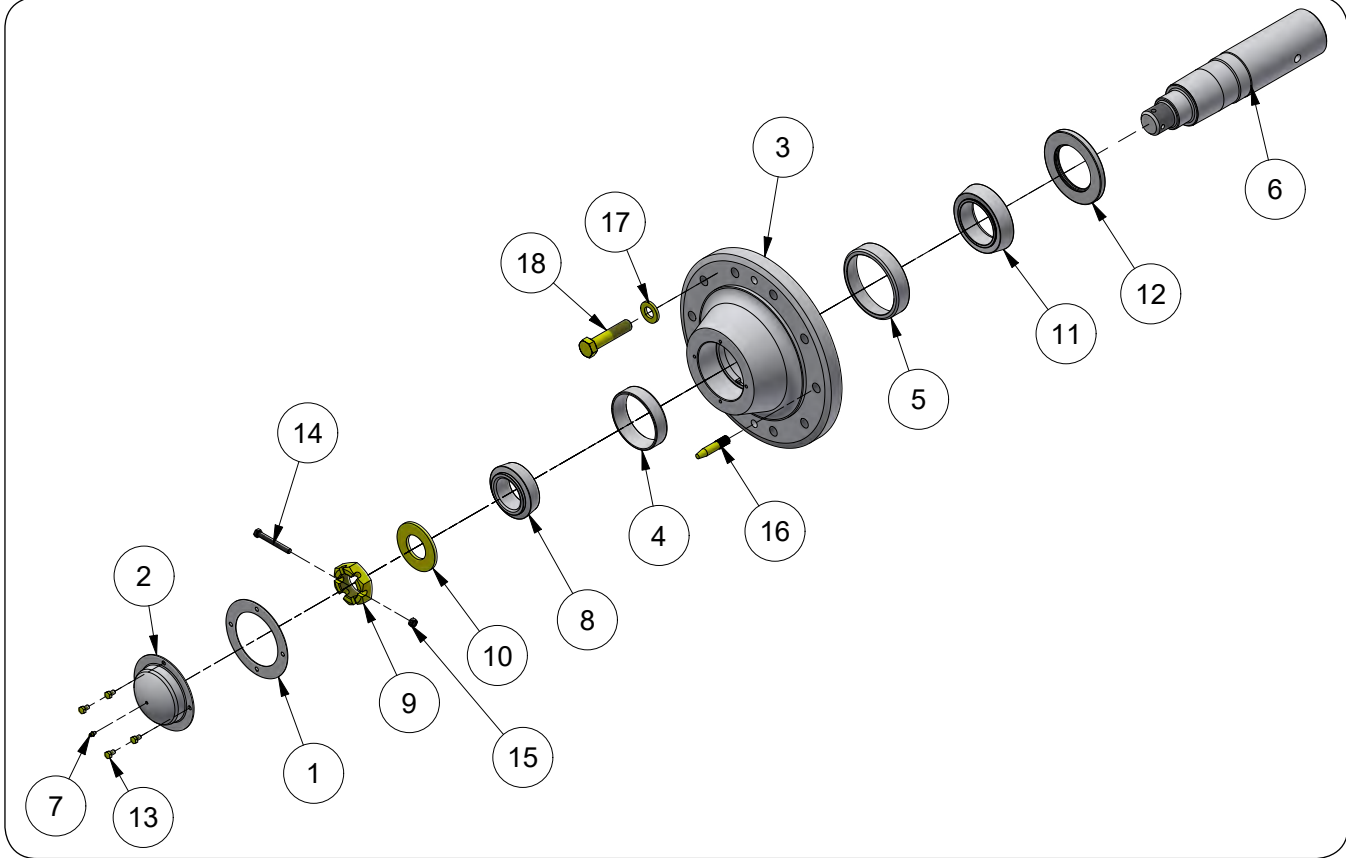
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ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	16366SM/902519	Mounted Wheel & Tire (TL380/90R46 R-1W)	2	Inner Mounted Wheel & Tire
	16366SM	13 x 46 Formed Plate Wheel w/10" Outset		
	93300	Valve Stem		
2	16477SM/902519	Mounted Wheel & Tire (TL380/90R46 R-1W)	2	Outside Mounted Wheel & Tire
	16477SM	13 x 46 Formed Plate Wheel w/5" Outset		
	93300	Valve Stem		
3	17043B	15" 10 Bolt Hub Extension w/Hardware	2	111663@
4	95657	Capscrew, M22 x 2.5P C10.9 Full Threaded	20	
5	97041	Flat Washer, 7/8" NOM.	20	
6	19293	Guide Pin, .625" Dia. x 3.125"	2	
7	401593B	Hub & Spindle Assembly	2	
8	92199	Lock Nut/Center, 1"-8UNC	4	
9	9390-135	Capscrew, 5/8"-11UNC x 5 1/2" G5	2	
10	9390-187	Capscrew, 1"-8UNC x 3" G5	4	
11	95905	Lock Nut/Center, 5/8"-11UNC	2	
12	97041	Flat Washer, 7/8" NOM	20	
13	97043	Capscrew, 7/8"-14UNF x 4" G8	20	
14	44642G	Axle Weldment, 70 1/2" =Green=	1	
	44642R	Axle Weldment, 70 1/2" =Red=		

1200 GALLON LIQUID FERTILIZER CART — Parts

Hub Components

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1200 GALLON LIQUID FERTILIZER CART — Parts

Hub Components

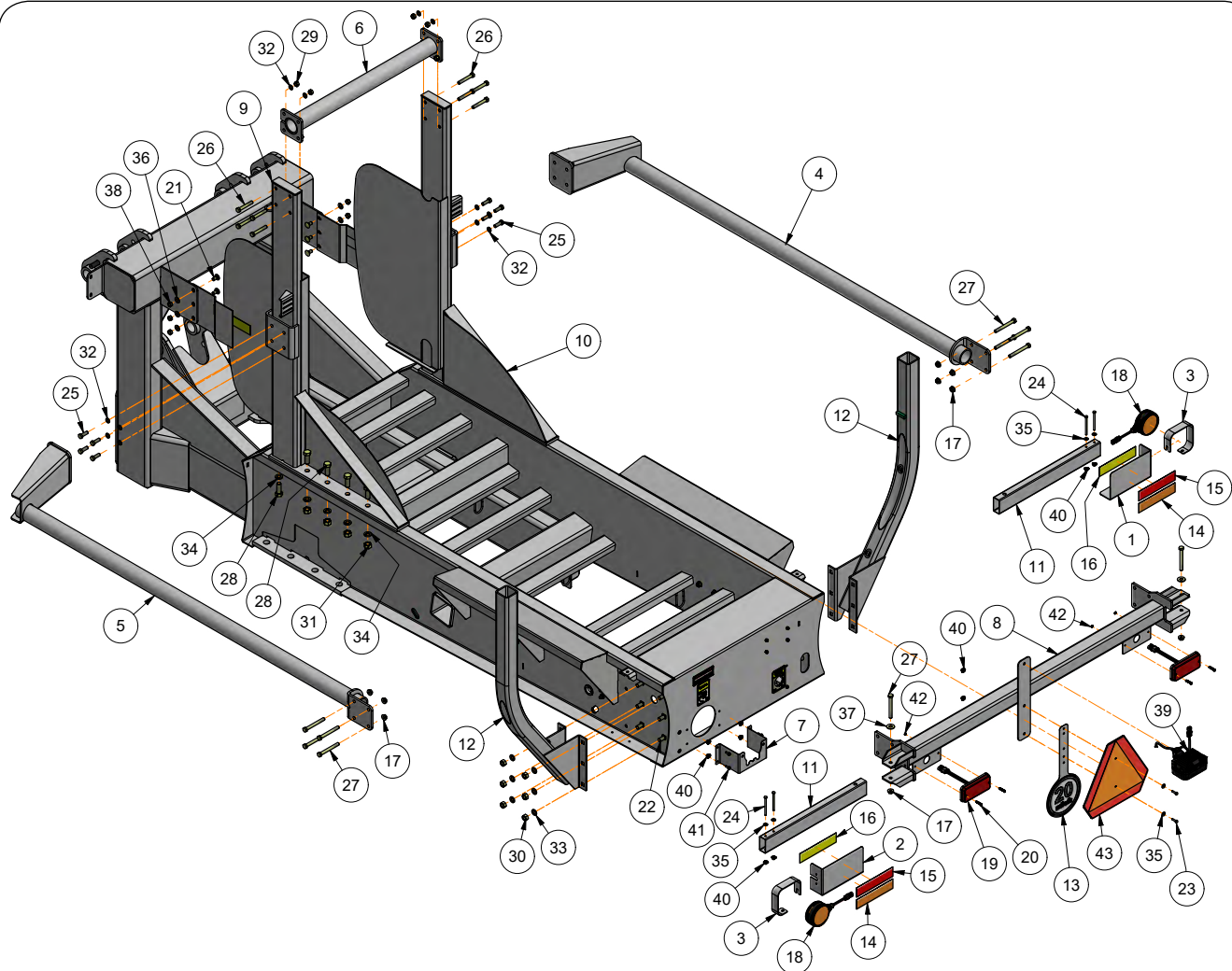
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ITEM	PART NO.	DESCRIPTION	QTY	NOTES
	401593B	Hub & Spindle Assembly	2	Includes Items 1-14
1	284230	Hub Cap Gasket 6 1/2" Dia.	1	
2	286171B	Hub Cap	1	
3	401144B	Hub with Bearing Cups	1	Includes Items 4 & 5
4	92462	Bearing Cup, 4.8125" Dia. (HM212011)	1	
5	92476	Bearing Cup, 5.786" Dia. (HM218210)	1	
6	401580	Spindle, 3 3/4" Dia. x 17 3/16"	1	
7	91160	Grease Zerk	1	
8	92464	Bearing Cone, 2.625" Bore (HM212049)	1	
9	92470	Hex Castle Nut, 2"-12UNF	1	
10	92472	Spindle Washer, 4" OD x 2 1/16" ID (Hardened)	1	
11	92545	Bearing Cone (HM218248)	1	
12	92565	Seal, Single Lip w/Garter Spring	1	
13	9390-026	Capscrew, 5/16"-18UNC x 1/2" G5	4	
14	9390-064	Capscrew, 3/8"-16UNC x 3 1/4" G5	1	
15	902875	Locknut/Center, 3/8"-16UNC	1	
16	19293	Guide Pin, .625" Dia. x 3.125"	1	
17	97041	Flat Washer, 7/8" NOM	10	
18	97043	Capscrew, 7/8"-14UNF x 4" G8	10	

1200 GALLON LIQUID FERTILIZER CART — Parts

Frame Components

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



ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	252303B	Light Bracket, Right-Hand =Black=	1	
2	252304B	Light Bracket, Left-Hand =Black=	1	
3	268678B	Light Guard Bracket =Black=	2	
4	406041G	Perimeter Weldment, Left-Hand =Green=	1	
	406041R	Perimeter Weldment, Left-Hand =Red=		
5	406042G	Perimeter Weldment, Right-Hand =Green=	1	
	406042R	Perimeter Weldment, Right-Hand =Red=		
6	406965G	Cross Tube Weldment =Green=	1	
	406965R	Cross Tube Weldment =Red=		
7	410419B	Valve Bracket =Black=	1	
8	42887G	Tube Weldment =Green=	1	
	42887R	Tube Weldment =Red=		

1200 GALLON LIQUID FERTILIZER CART — Parts

Frame Components

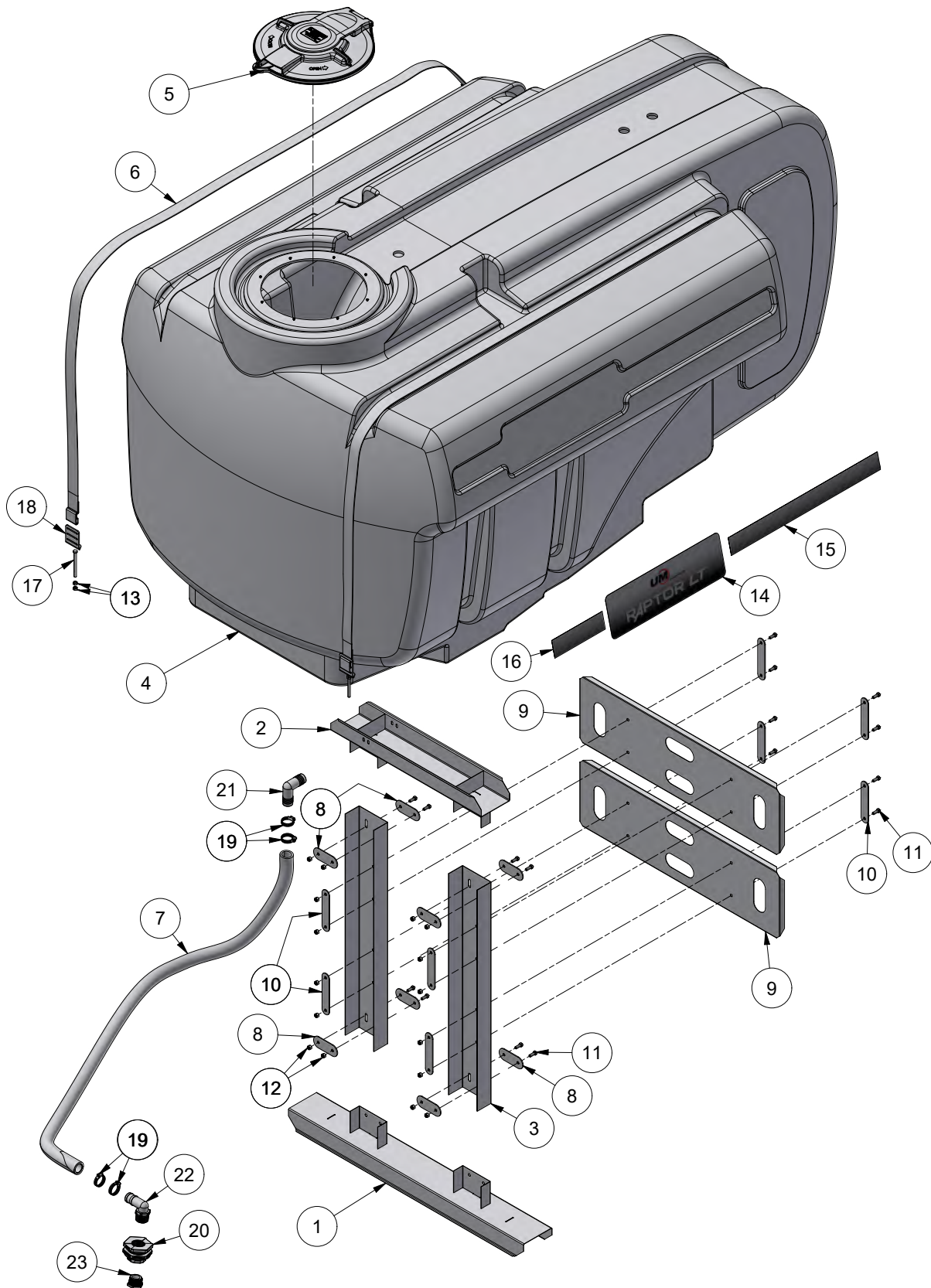
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
9	42928G	Mast Weldment, Right-Hand =Green=	1	
	42928R	Mast Weldment, Right-Hand =Red=		
10	42929G	Mast Weldment, Left-Hand =Green=	1	
	42929R	Mast Weldment, Left-Hand =Red=		
11	42936B	Light Tube =Black=	2	
12	42946G	Upright Weldment =Green=	2	
	42946R	Upright Weldment =Red=		
13	79342B	Mounting Plate & Decal 20MPH	1	
14	9003125	Decal, Fluorescent Orange	2	
15	9003126	Reflector, 2" x 9" =RED=	2	
16	9003127	Reflector, 2" x 9" =AMBER=	4	
17	9003397	Lock Nut/Top, 1/2"-13UNC	10	
18	9005142	Lamp, Amber LED Double Face	2	
19	9006282	Red LED Light, Tail/Turn	2	
20	903172-350	Pan Head, Phillips Machine Screw, #10-32UNF x 1 1/4"	4	
21	9388-102	Carriage Bolt, 1/2"-13UNC x 1" G5	6	
22	9388-133	Carriage Bolt, 5/8"-11UNC x 1 1/2" G5	12	
23	9390-005	Capscrew, 1/4"-20UNC x 1" G5	2	
24	9390-016	Capscrew, 1/4"-20UNC x 3 3/4" G5	4	
25	9390-101	Capscrew, 1/2"-13UNC x 1 1/2" G5	10	
26	9390-108	Capscrew, 1/2"-13UNC x 3 1/4" G5	8	
27	9390-112	Capscrew, 1/2"-13UNC x 4 1/2" G5	10	
28	9390-145	Capscrew, 3/4"-10UNC x 2" G5	10	
29	9394-010	Hex Nut, 1/2"-13UNC	8	
30	9394-014	Hex Nut, 5/8"-11UNC	12	
31	9394-016	Hex Nut, 3/4"-10UNC	12	
32	9404-025	Lock Washer, 1/2"	16	
33	9404-029	Lock Washer, 5/8"	12	
34	9404-033	Lock Washer, 3/4"	14	
35	9405-064	Flat Washer, 1/4" USS	8	
36	9405-086	Flat Washer, 1/2" SAE	6	
37	9405-088	Flat Washer, 1/2" USS	2	
38	94981	Lock Nut/Center, 1/2-13UNC	6	
39	301213	Work Light Replacement Kit	1	
40	97189	Hex Nut/Large Flange, 1/4"-20UNC	21	
41	97420	Flange Screw, 1/4"-20UNC x 3/4"	11	
42	9830-016	Hex Nut, #10-32UNF	4	
43	TA510514	SMV Emblem	1	

1200 GALLON LIQUID FERTILIZER CART — Parts

Tank & Baffle Components

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1200 GALLON LIQUID FERTILIZER CART — Parts

Tank & Baffle Components

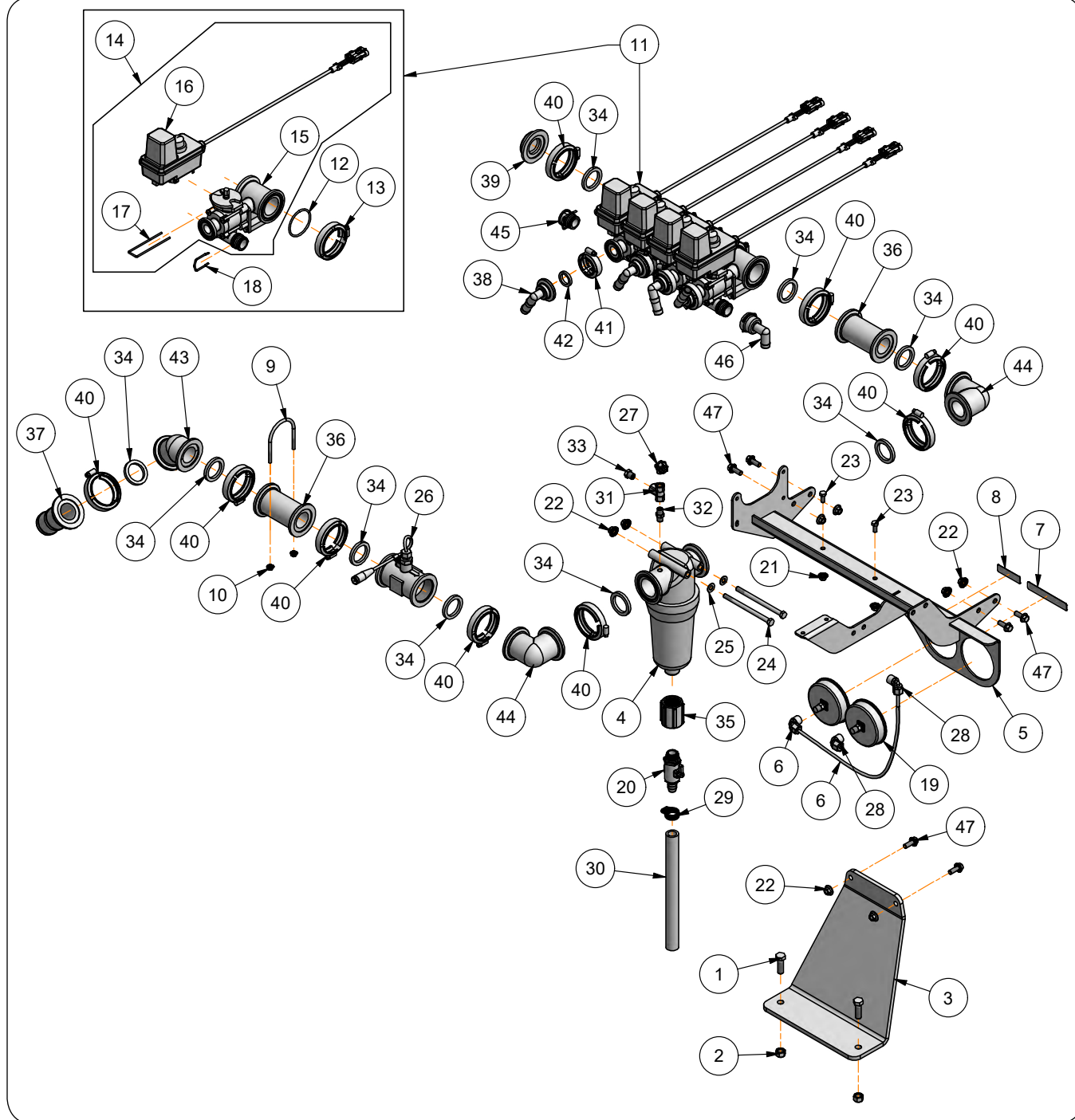
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ITEM	PART NO.	DESCRIPTION	QTY
1	401817	Lower Baffle Weldment	1
2	401818	Upper Baffle Weldment	1
3	402696	Upright Baffle	2
4	407371	Tank, 1200 Gallon (Gray) w/Holes	1
5	9008576	Vented 16" Hinged Tank Lid	1
6	45591	Polyester Strap, 2" x 160"	2
7	46276	Hose, 1 1/2" Dia. x 96" EPDM (200 PSI)	1
8	47866	Strap, 2" x 5" (Stainless Steel)	8
9	47867	Panel Baffle (Stainless Steel)	2
10	47868	Strap, 1 1/2" x 7 1/2" (Stainless Steel)	8
11	900900-055	Capscrew, 3/8"-16UNC x 1" (Stainless Steel)	16
12	900905-012	Elastic Stop Nut, 3/8"-16UNC (Stainless Steel)	16
13	9394-006	Hex Nut, 3/8"-16UNC	4
14	9503788	Decal, Raptor LT (7.35" x 24.125")	2
15	9503789	Decal, Faded Stripe (3" x 31.75")	2
16	9503790	Decal, Faded Stripe (3" x 10.75")	2
17	TA0-907131-0	Capscrew, 3/8"-16UNC x 4 1/2" G5	2
18	TA510025	Tank Strap Clip	2
19	TA800918	Hose Clamp 1 1/4" to 2 1/2"	4
20	TA805422	Tank Fitting, 1 1/2"	1
21	TA808518	90° Elbow, 1 1/2" Hose Barb x 1 1/2" Hose Barb	1
22	TA814975	90° Elbow 1 1/2"-11 1/2 NPTF Male x 1 1/2" Hose Shank	1
23	TA814754	Plug, 1 1/2" NPT	1

1200 GALLON LIQUID FERTILIZER CART — Parts

Manifold Components

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ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	9390-101	Capscrew, 1/2"-13UNC x 1 1/2" G5	2	
2	9800	Lock Nut/Top, 1/2"-13UNC	2	
3	42903B	Mounting Plate =Black=	1	
4	402255	Strainer, 2" Flanged Line	1	
5	45385B	Ball Valve Mount Weldment =Black=	1	
6	45584	Gauge Tubing , 1/4" Dia. x 18"	2	

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Manifold Components

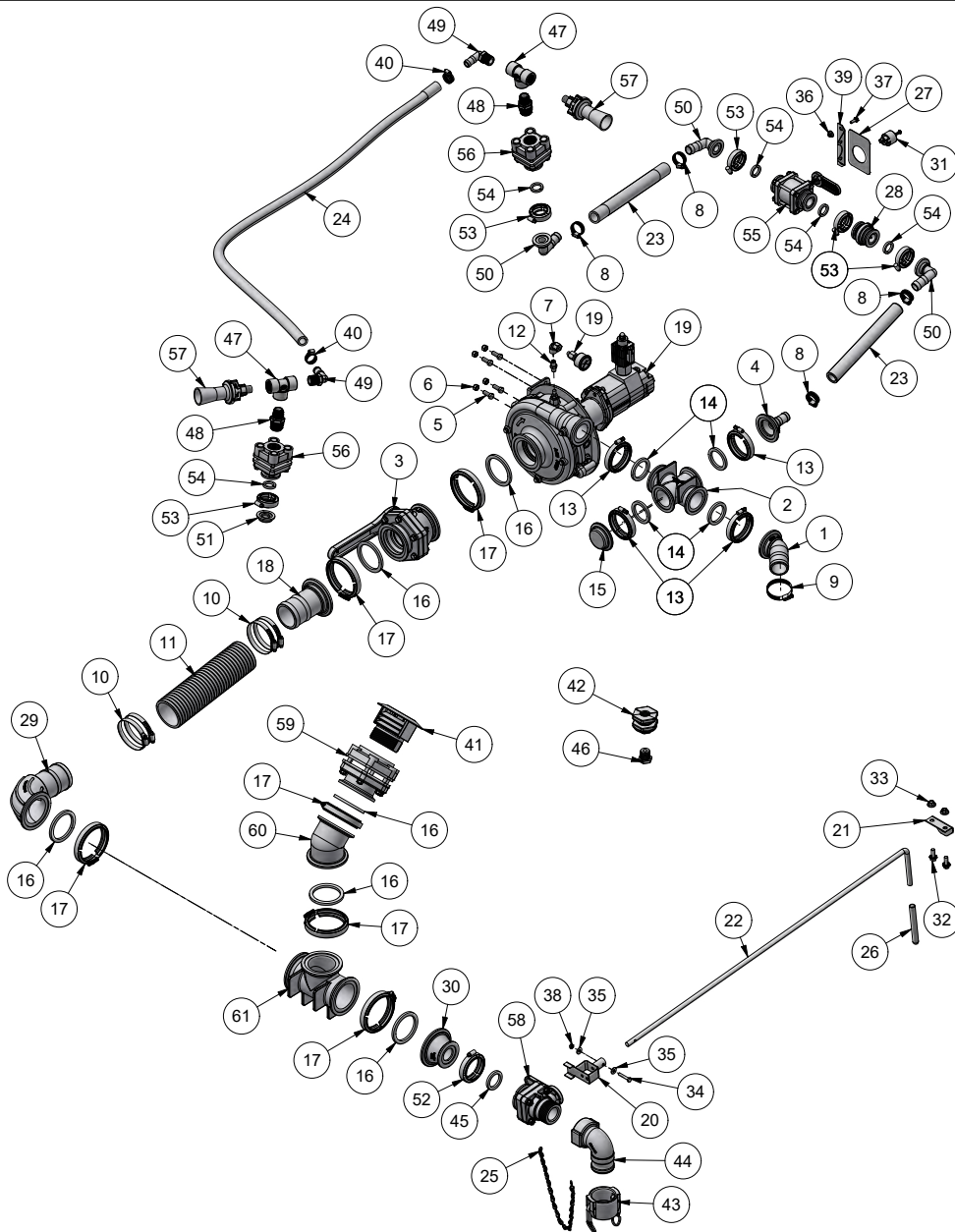
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ITEM	PART NO.	DESCRIPTION	QTY	
7	9003687	Decal, Gauge Pressure	1	
8	9003841	Decal, Pressure Tip	1	
9	9004681	U-Bolt, 1/4"-20UNC x 3 1/2", 2 7/8" C/C	1	
10	9004720	Flange Nut, 1/4"-20UNC (Stainless Steel)	2	
11	9006628	Valve Assembly	1	Includes Items 12-18
12	9006626	O-Ring, 2 5/8" OD	3	
13	TA815025	2" Flange Clamp/Worm Screw Clamp (Stainless Steel)	3	
14	TA854881	Ball Valve, 450 Flo-Bak, Single Manifold	4	Includes Items 15-17
15	TA854882	Ball Valve, 450 Flo-Bak, Less Valve	1	
16	TA854874	Shutoff Ball Valve, Motor Head	1	
17	TA854875	Wire Clip Retainer	1	
18	TA854883	Wire Clip Retainer, (Stainless Steel)	3	
19	9007569	Pressure Gauge (0-160 PSI)	2	
20	9007699	Valve-Poly, Micro 3/4" MPT x HB	1	
21	91257	Hex Nut/Flange Flange, 5/16"-18UNC	2	
22	91263	Nut/Large Flange, 3/8"-16UNC	8	
23	9390-028	Capscrew, 5/16"-18UNC x 3/4" G5	2	
24	9390-070	Capscrew, 3/8"-16UNC x 5 1/2" G5	2	
25	9405-074	Flat Washer, 3/8" SAE	2	
26	TA720365	Flow Meter Complete (1-60 GPM)	1	
27	TA720802	Elbow, 1/4" NPT x 1/4" Gauge Tube)	1	
28	TA720812	Elbow, 1/4" EPT x 1/4" Tube	3	
29	TA800910	Hose Clamp 1/2" SAE	1	
30	45583 TA806250	Hose, 3/4" Dia. EPDM	4	
31	TA809190	Tee, 1/4" FPT	1	
32	TA809325	Hex Pipe Nipple, 1/4"	1	
33	TA809875	Hex Plug, 1/4"-18NPT	1	
34	TA811944	Gasket/Seal, 2 3/16" OD x 1/4"	9	
35	TA814710	Reducer Coupling, 1" x 3/4"	1	
36	TA815003	Coupling, 2" Flange x 2" Flange	2	
37	TA815016	Hose Barb, 2" Flange x 2" Hose Shank	1	
38	TA815017	90° Elbow Hose Barb, 1" Flange x 3/4"	4	
39	TA815023	Plug, 2" Flange	1	
40	TA815025	2" Flange Clamp/Worm Screw Clamp (Stainless Steel)	9	
41	TA815026	1" Flange Clamp/Worm Screw Clamp (Stainless Steel)	4	
42	TA815029	Gasket/Seal, 1 3/8" x 1/4" (1" EPDM Flange)	4	
43	TA816004	45° Elbow, 2" Flange x 2" Flange	1	
44	TA816017	90° Elbow, 2" Flange x 2" Flange (Short)	2	
45	TA854884	Plug (Includes Wire Clip Retainer & O-Ring)	1	
	TA854883	Wire Clip Retainer, (Stainless Steel)	1	
	TA854887	O-Ring	1	
46	TA854885	90° Elbow, 3/4" Hose Barb (Includes Wire Clip Retainer & O-Ring)	1	
	TA854883	Wire Clip Retainer, (Stainless Steel)	1	
	TA854887	O-Ring	1	
47	91262	Flange Screw, 3/8"-16UNC x 1" G5	6	

1200 GALLON LIQUID FERTILIZER CART — Parts

Undercarriage Plumbing — Agitator Control Components

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



ITEM	PART NUMBER	DESCRIPTION	QTY	NOTES
1	9005845	45° Elbow 2" Flange x 2" Hose Barb	1	
2	9007194	2" Full Port Flange Cross	1	
3	9007196	Stubby Valve 3" Flange x 3" Flange	1	
4	9007335	Hose Barb, 2" Flange x 1" Hose Shank	1	
5	9390-055	Capscrew, 3/8"-16UNC x 1" G5	4	
6	9928	Lock Nut/Top, 3/8"-16UNC	4	
7	TA720812	Elbow, 1/4" FPT x 1/4" Tube	1	
8	TA800912	Hose Clamp, SAE #16	4	
9	TA800922	Worm Drive Hose Clamp	1	
10	TA800926	Hose Clamp, Worm Drive (SC-52)	4	
11	TA806334	Fertilizer Hose 3"	AR	

1200 GALLON LIQUID FERTILIZER CART — Parts

Undercarriage Plumbing — Agitator Control Components

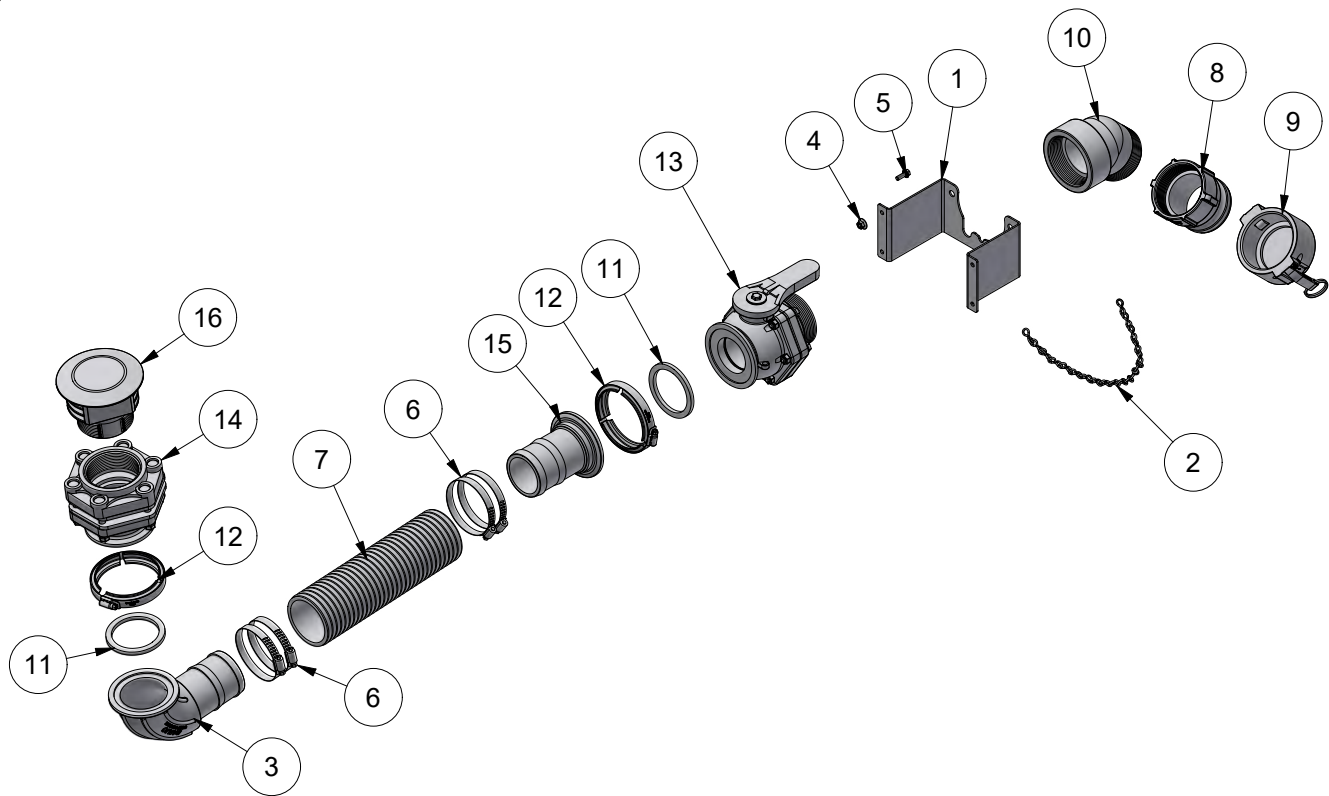
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ITEM	PART NUMBER	DESCRIPTION	QTY	NOTES
12	TA809325	1/4" Hex Pipe Nipple (Nylon)	1	
13	TA816000	Clamp 2" Full Port Flange	4	
14	TA816001	Gasket 2" Full Port Flange EPDM	4	
15	TA816013	Manifold Plug 2" Full Port Flange	1	
16	TA816038	Gasket 3" EPDM	6	
17	TA816039	3" Flange Worm Screw Clamp	6	
18	TA816047	Hose Barb 3" Flange x 3" Hose Shank	1	
19	9008132	ACE 750 PWM Pump w/Air Pressure Gauge	1	
	9008866	Air Pressure Gauge	1	
20	402611B	Handle Weldment	1	
21	402635B	Handle Bracket =Black=	1	
22	410208B	Valve Dump Handle =Black=	1	
23	45577	Hose, 1" Dia. x 14" EPDM	2	
24	45589	Hose, 3/4" Dia. x 60" EPDM	1	
25	45655	End Fill Chain, 18"	1	
26	9004015	Yellow Grip	1	
27	9004361	Decal, Agitation Control	1	
28	9006665	1" Flange Check Valve	1	
29	9007117	90° Elbow, Sweep 3" Flange x 3" Hose Barb	1	
30	9007201	Reducer Coupler, 3" Flange x 2" Flange	1	
31	9007360	Handle Riser	1	
32	91262	Flange Screw 3/8-16UNC x 1 (Grade 5)	2	
33	91263	Nut/Large Flange 3/8-16UNC	2	
34	9390-007	Capscrew 1/4-20UNC x 1 1/2 (Grade 5)	1	
35	9405-064	Flat Washer 1/4" USS	2	
36	97189	Hex Nut/Large Flange 1/4-20UNC	4	
37	97420	Flange Screw 1/4-20UNC x 3/4 (Grade 5)	4	
38	9936	Locknut/Top, 1/4"-20UNC	1	
39	TA620369B	Ball Valve Bracket	1	
40	TA800910	Hose Clamp, 1/2" SAE SZ12	2	
41	TA816053	Plug 3" Anti-Vortex	1	
42	TA805408	Manifold Fitting	1	
43	TA811500	Cap Coupler Poly 2"	1	
44	TA811828	90° Elbow Poly Coupling 2" Male Adapter x 2" NPTF Female	1	
45	TA811944	Gasket 1 5/8" EPDM	1	
46	TA814751	Pipe Plug	1	
47	TA814781	Tee, 3/4"-14 NPTF Female x 3/4"-14 NPTF Female x 3/4"-14 NPTF Female	2	
48	TA814815	Reducer Nipple, 1" NPT Male x 3/4" NPT Male	2	
49	TA814961	90° Elbow, 3/4" x 3/4"-14NPT Male	2	
50	TA815018	90° Elbow, 1" Flange x 1" Hose Barb	3	
51	TA815022	Plug, 1" Flange	1	
52	TA815025	2" Flange Worm Screw Clamp	1	
53	TA815026	1" Flange Clamp/Worm Screw Clamp (Stainless Steel)	5	
54	TA815029	Gasket/Seal, 1 3/8" x 1" x 1/4"	5	
55	TA815040	Ball Valve, Flange 1"	1	
56	TA815077	Tank Fitting 1"	2	
57	TA816012	Agitation Nozzle, 3/4" MPT	2	
58	TA816022	Stubby Valve 2" Flange x 2" MPT	1	
59	TA816042	Tank Flange 3" Manifold	1	
60	TA816049	45° Elbow, 3" Flange x 3" Flange	1	
61	TA816051	Tee 3" Flange x 3" Flange x 3" Flange	1	

1200 GALLON LIQUID FERTILIZER CART — Parts

Undercarriage Plumbing — Quick Fill Components

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Undercarriage Plumbing — Quick Fill Components

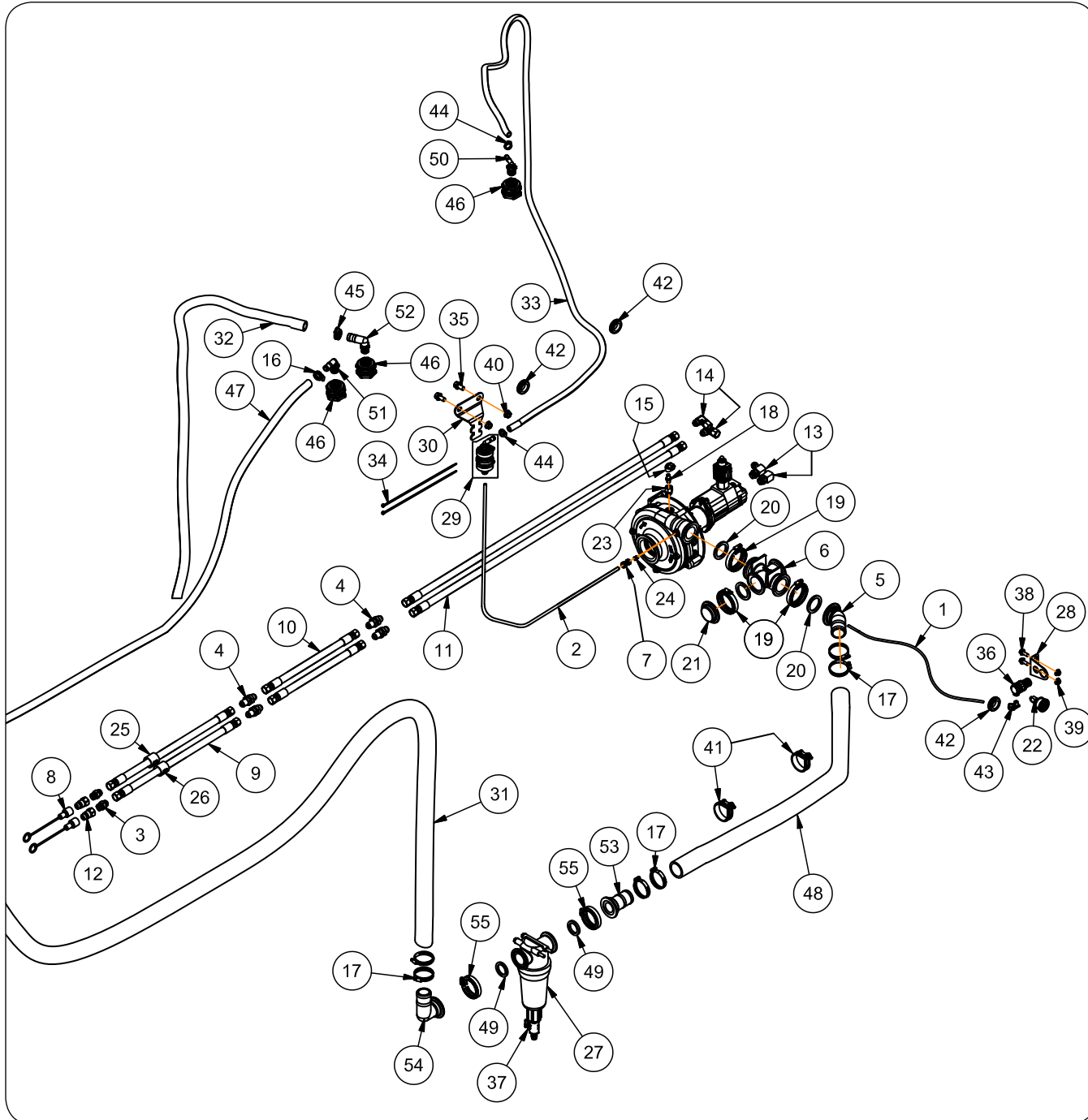
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ITEM	PART NUMBER	DESCRIPTION	QTY	NOTES
1	410419B	Valve Bracket =Black=	1	
2	45655	End Fill Chain, 18"	2	
3	9007117	90° Elbow, Sweep 3" Flange x 3" Hose Barb	2	
4	97189	Hex Nut/Large Flange 1/4-20UNC	4	
5	97420	Flange Screw 1/4-20UNC x 3/4 (Grade 5)	4	
6	TA800926	Hose Clamp, Worm Drive (SC-52)	8	
7	TA806334	Fertilizer Hose 3"	AR	
8	TA811810	Poly Fitting 3" Male Quick Coupler x 3" FPT	1	
9	TA811816	Cap Poly 3" Female Quick Coupler	1	
10	TA814730	45° Elbow Poly 3" MPT x 3" FPT	1	
11	TA816038	Gasket 3" EPDM	8	
12	TA816039	3" Flange Worm Screw Clamp	8	
13	TA816041	Ball Valve Poly 3" Flange x 3" NPT Adapter	1	
14	TA816042	Tank Flange 3" Manifold	2	
15	TA816047	Hose Barb 3" Flange x 3" Hose Shank	2	
16	TA816053	Plug 3" Anti-Vortex	2	

1200 GALLON LIQUID FERTILIZER CART — Parts

Pump Hydraulic and Plumbing Components

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



ITEM	PART NUMBER	DESCRIPTION	QTY	NOTES
1	45585	Gauge Tubing, 1/4" Dia. x 36" (300PSI)	1	
2	45777	Airline Hose 3/8" OD x 1/4" ID x 24"	1	
3	9002443	Adapter, 7/8"-14 JIC Male x 7/8"-14 O-Ring Male	2	
4	9005789	Bulkhead Union, 7/8"-14UNF	4	
5	9005845	45° Elbow 2" Flange x 2" Hose Barb	1	
6	9007194	2" Full Port Flange Cross	1	
7	9007341	Plastic Push-In Fitting, 3/4" Push To Connect x 1/4" FNPT	1	

1200 GALLON LIQUID FERTILIZER CART — Parts

Pump Hydraulic and Plumbing Components

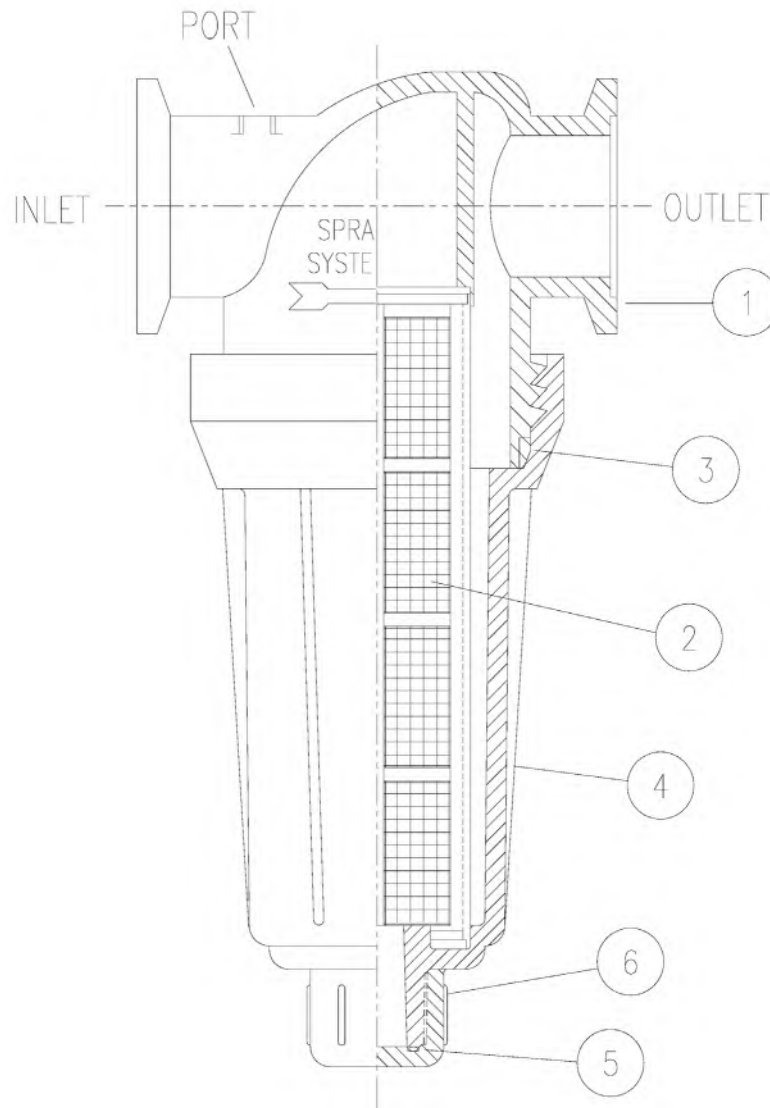
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NUMBER	DESCRIPTION	QTY	NOTES
8	91511	Dust Cap	2	
9	9503648	Hose, 5/8" Dia. x 108", 7/8"-14 JIC Female x 7/8"-14 JIC Female (3000 PSI)	2	
10	9504744	Hose, 5/8" Dia. x 216", 7/8"-14 JIC Female x 7/8"-14 JIC Female (3000 PSI)	2	
11	9504768	Hose, 5/8" Dia. x 394", 7/8"-14 JIC Female x 7/8"-14 JIC Female (3000 PSI)	2	
12	95477	Pioneer Male Tip, SAE 7/8"-14 Female O-Ring	2	
13	95540	90° Elbow, 7/8"-14 JIC Male x 7/8"-14 O-Ring Male	2	
14	96559	90° Elbow, 7/8"-14 JIC Male x 7/8"-14 JIC Female	2	
15	TA720812	90° Elbow, 1/4" FPT x 1/4" Tube	1	
16	TA800910	Hose Clamp, 1/2" SAE SZ12	2	
17	TA800922	Worm Drive Hose Clamp, Adjusts From 3/4" To 2 5/8"	8	
18	TA809325	Hex Pipe Nipple, 1/4"	1	
19	TA816000	Clamp 2" Full Port Flange	4	
20	TA816001	Gasket 2" Full Port Flange EPDM	4	
21	TA816013	Manifold Plug 2" Full Port Flange	1	
22	9008866	Pump Pressure Gauge	1	
23	99928	Adapter, 3/4"-16 O-Ring Male x 1/4"-18 NPTF Female	1	
24	TA826325	ACE Pipe Plug	1	
25	9503712	Hose Label, Pump Supply =BLUE=	1	
26	9503713	Hose Label, Pump Return =BLUE=	1	
27	TA855650	Strainer, 2" Flanged Line	1	
28	407597B	Regulator Bracket Plate =Black=	1	
29	411078	Air Vent Assembly	1	
30	412433B	Vent Bracket	1	
31	45571	Hose, 2" Dia. x 144" EPDM (200PSI)	1	
32	45579	Hose, 1" Dia. x 96" EPDM (200PSI)	1	
33	45582	Hose, 1/2" Dia. x 132" EPDM (200PSI)	1	
34	9000107	Cable Tie, 14 1/2"	2	
35	9001529	Flange Screw, 1/2"-13UNC x 1" G5	2	
36	9006050	Air Regulator	1	
37	9007699	Micro Valve, 3/4" MPT x 3/4" Hose Barb	1	
38	91262	Flange Screw 3/8"-16UNC x 1" G5	2	
39	91263	Nut/Large Flange 3/8"-16UNC	2	
40	91267	Flange Nut, 1/2"-13UNC	2	
41	9503901	Metal Cable Clamp, 2 1/2" Dia. x 3/4" Wide	2	
42	97840	Grommet, 1/4W x 1 1/2" Dia. Groove, 1 1/4" ID	3	
43	TA720802	90° Elbow, 1/4" NPT x 1/4" Gauge Tube	1	
44	TA800902	Hose Clamp M-6, 7/8" (Stainless Steel)	2	
45	TA800912	Hose Clamp, SAE #16	2	
46	TA805408	Manifold Fitting	2	
47	45583	Hose, 3/4" Dia. x 150" EPDM (200PSI)	1	
48	45572	Hose, 2" Dia. x 93" EPDM (200PSI)	1	
49	TA811944	Gasket 1 5/8" EPDM	2	
50	TA814960	90° Elbow, 3/4"-14 NPTF Male x 1/2" Hose Shank	1	
51	TA814961	90° Elbow, 3/4" x 3/4"-14NPT Male	1	
52	TA814963	90° Elbow, 3/4"-14 NPTF Male x 1" Hose Shank	1	
53	TA815016	Hose Barb, 2" Flange x 2" Hose Shank	1	
54	TA815021	90° Elbow, 2" Flange x 2" Hose Barb	1	
55	TA815025	2" Flange Worm Screw Clamp	2	

1200 GALLON LIQUID FERTILIZER CART — Parts

Strainer Components

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

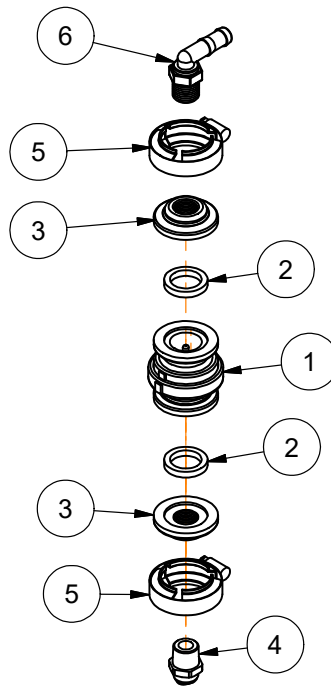


ITEM	PART NO.		DESCRIPTION	QTY.	NOTES
		With Inlet Port			
	TA855650	402255	Strainer Complete	1	2" Flange
1	TA868841	403257	Strainer Head	1	
2	TA869070	>	Screen, 50 Mesh (Gentain Blue)	1	
3	TA867486	>	Gasket, EPDM	1	
4	TA868842	>	Bowl, Polypropylene	1	
5	TA868843	>	O-Ring, Viton	1	
6	TA868844	>	Cap, Polypropylene	1	

1200 GALLON LIQUID FERTILIZER CART — Parts

Air Vent Components

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

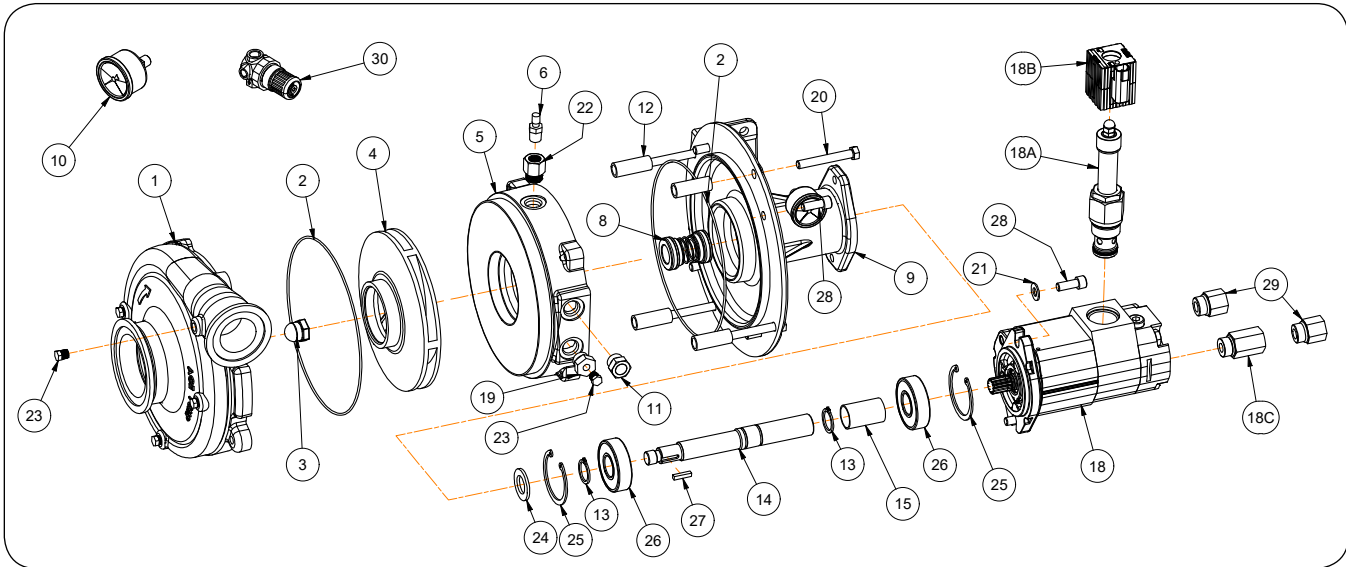


ITEM	PART NUMBER	DESCRIPTION	QTY	NOTES
1	9007339	1" Flange Check Valve	1	
2	TA815029	Gasket/Seal, 1 3/8" x 1" x 1/4"	2	
3	TA816023	Plug, 1" Flange x 1/2" FPT	2	
4	9007340	Plastic Push-In Fitting, 3/8" Push To Connect x 1/2" MNPT	1	
5	TA815026	1" Flange Clamp/Worm Screw Clamp (Stainless Steel)	2	
6	TA814956	90° Elbow, 1/2"-14NPTF Male x 1/2" Hose Shank	1	

1200 GALLON LIQUID FERTILIZER CART — Parts

Hydraulically Driven Centrifugal PWM Pump - ACE 750

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



1200 GALLON LIQUID FERTILIZER CART — Parts

Hydraulically Driven Centrifugal PWM Pump - ACE 750

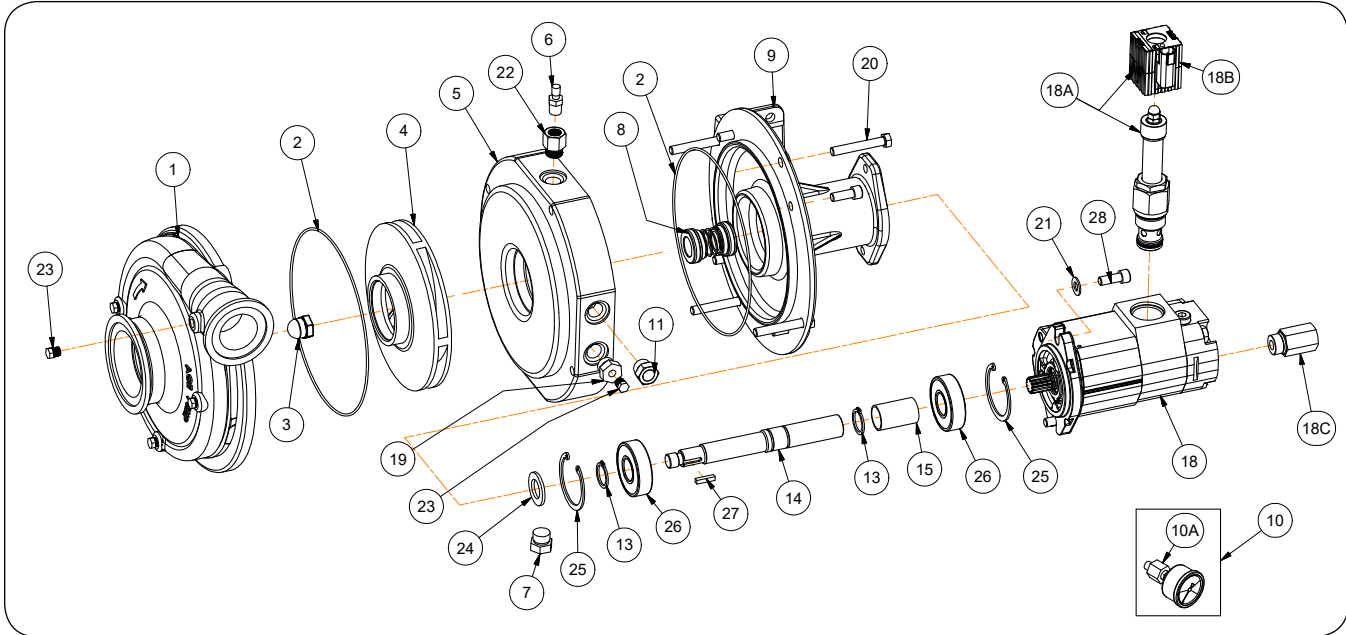
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
	9008132	PWM Pump, 750	1	
	9005519	750 Pump Seal Repair Kit	-	Includes Items 2, 8, and 16
1	9005502	Volute, 300 x 220 Flange	1	
2	9005503	O-Ring	2	
3	9005504	Acorn Nut, 5/8-11 SS	1	
4	9005505	Impeller	1	
5	9005506	Seal Plate	1	
6	9005507	Air Valve, Clamp-In (for Tubeless Tire)	1	
7	9005508	Plug	1	Not Shown
8	9005509	Dual Seal Assembly	1	
9	9005510	Pump Mounting Frame	1	
10	9005511	Pump Pressure Gauge	1	
11	9005512	Oil Level Sight Gauge	1	
12	9005513	Spacer Tube	4	
13	9005514	Snap Ring	2	
14	9005515	Pump Shaft	1	
15	9005516	Shaft Spacer	1	
16	9005518	Royal Purple Barrier Fluid (Quart)	1.32	Qty. in quarts
17	9005519	Pump Repair Kit, ACE 750	1	Not Shown
18	9008148	PWM Hydraulic Motor Assembly	1	
18A	9008228	Valve	1	
18B	9008229	Coil	1	
18C	9007530	Reverse Check Assembly	1	
19	9008257	Adapter Plug, 3/4 x 1/8	1	
20	9390-062	Capscrew, 3/8-16UNC x 2 3/4	4	Grade 5
21	900902-037	Flat Washer, 3/8	3	
22	99928	Adapter, 3/4 x 1/4	1	
23	TA826325	ACE Pipe Plug	5	
24	TA831022	Slinger, 7/8" Shaft	1	
25	TA831024	Snap Ring	2	
26	TA831026	Bearing	2	
27	TA831030	Key, .188 x .188 x .875	1	
28	TA831034	Capscrew, 3/8"NC x 1	6	
29	98801	Reducer 7/8-14 O-Ring Male x 3/4-16 O-Ring Female	2	
30	9006050	Air Regulator	1	

1200 GALLON LIQUID FERTILIZER CART — Parts

Hydraulically Driven Centrifugal PWM Pump - ACE 755

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



1200 GALLON LIQUID FERTILIZER CART — Parts

Hydraulically Driven Centrifugal PWM Pump - ACE 755

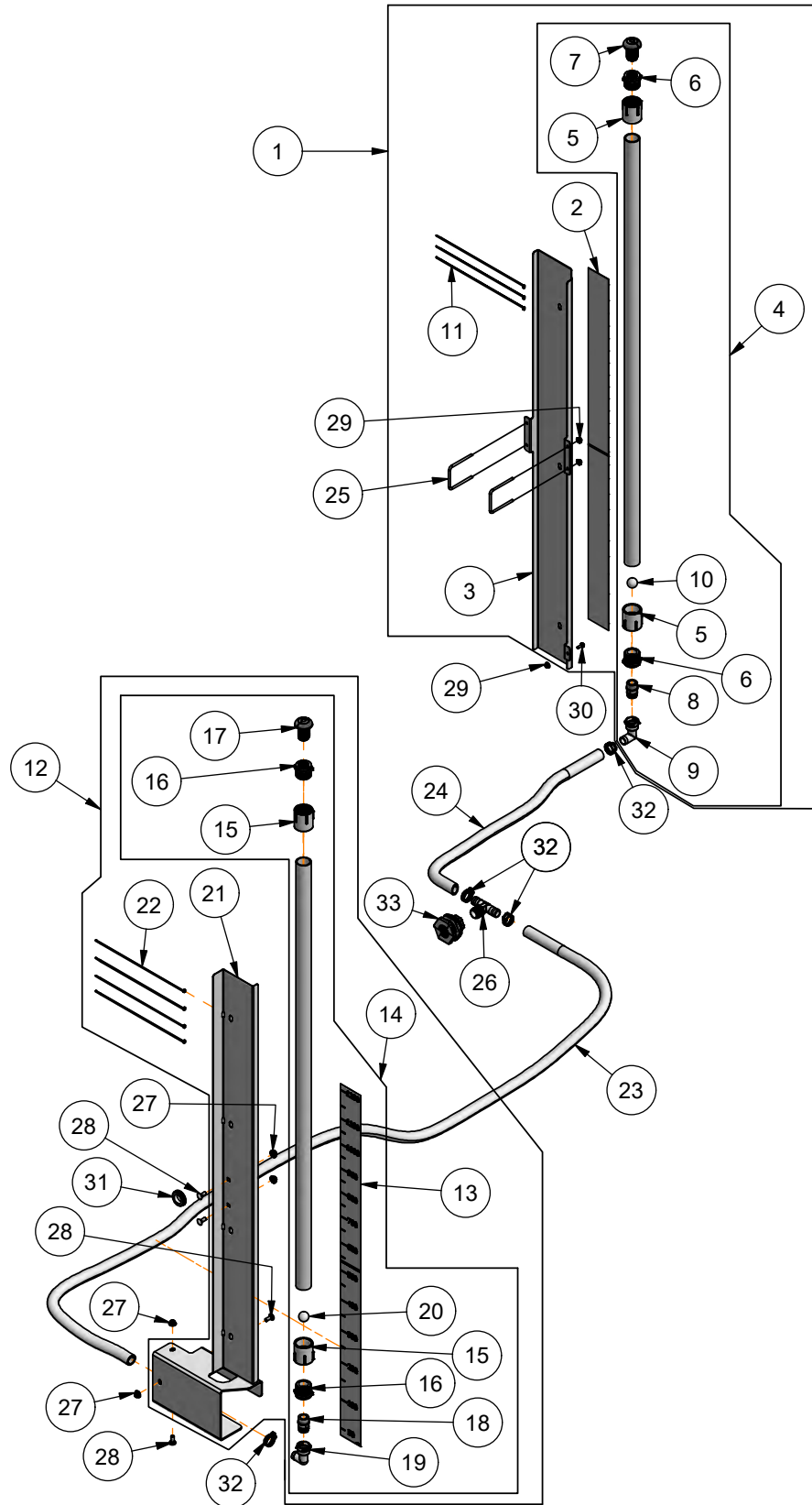
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY.	NOTES
	9008739	PWM Pump, 755 (Stainless Steel)	1	
	9005519	755 Pump Seal Repair Kit	-	Includes Items 2, 8, and 16
1	9008855	Volute, 300 x 220 Flange	1	
2	9005503	O-Ring	2	
3	9005504	Acorn Nut, 5/8-11 SS	1	
4	9008856	Impeller	1	
5	9008853	Seal Plate	1	
6	9005507	Air Valve, Clamp-In (for Tubeless Tire)	1	
7	9005508	Plug	1	
8	9005509	Dual Seal Assembly	1	
9	9005510	Pump Mounting Frame	1	
10	9008866	Pump Pressure Gauge	1	
10A	9008860	Adapter, 1/4" NPT to 1/8" NPT	1	
11	9005512	Oil Level Sight Gauge	1	
13	9005514	Snap Ring	2	
14	9005515	Pump Shaft	1	
15	9005516	Shaft Spacer	1	
16	9005518	Royal Purple Barrier Fluid (Quart)	1.32	Qty. in quarts Not Shown
18	9008148	PWM Hydraulic Motor Assembly	1	Includes Items 18A-18C
18A	9008228	Valve	1	
18B	9008229	Coil	1	
18C	9007530	Reverse Check Assembly	1	
19	9008257	Adapter Plug, 3/4 x 1/8	1	
20	900900-061	Capscrew, 3/8"-16UNC x 2 1/2"	4	Grade 5
21	900902-037	Flat Washer, 3/8"	3	
22	99928	Adapter, 3/4" x 1/4"	1	
23	TA826325	ACE Pipe Plug	5	
24	TA831022	Slinger, 7/8" Shaft	1	
25	TA831024	Snap Ring	2	
26	TA831026	Bearing	2	
27	TA831030	Key, .188" x .188" x .875"	1	
28	TA831034	Capscrew, 3/8"-16UNC x 1" Socket Head	6	

1200 GALLON LIQUID FERTILIZER CART — Parts

Tank Volume Indicator Components

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



1200 GALLON LIQUID FERTILIZER CART — Parts

Tank Volume Indicator Components

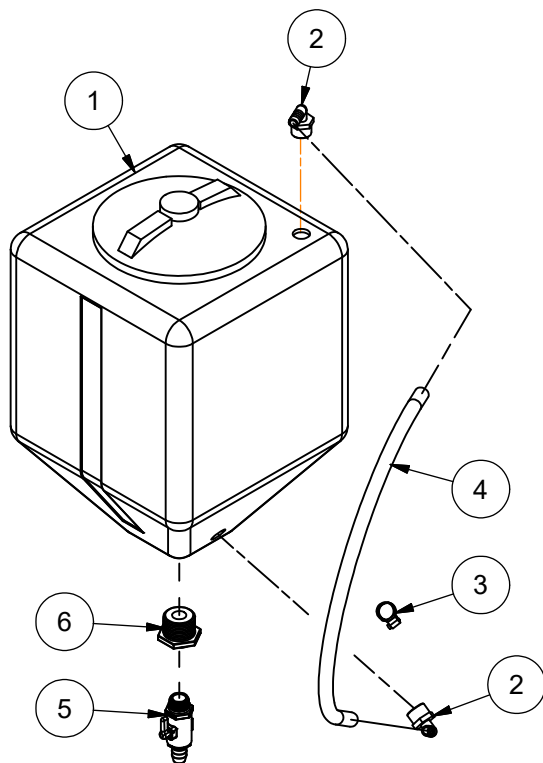
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NUMBER	DESCRIPTION	QTY	NOTES
1	42932B	Volume Indicator Assembly, Rear =Black=	1	
2	9004817	Decal, 1200 Volume Indicator	1	
3	42931B	Volume Indicator Plate =Black=	1	
4	412450	Sight Gauge Tube Assembly	1	
5	9004547	Adapter, 1 1/2" SCH40 Female x 1 1/2" NPT Female	2	
6	TA814661	Reducer Bushing, 1 1/2"-11 1/2 NPTF Male x 1"-11 1/2 NPTF Female	2	
7	9005558	Tank Breather Vent	1	
8	9006477	Adapter, 1" Male Pipe to Quick Connect	1	
9	TA854886	90° Hose Barb x Quick Connect Kit	1	
10	9003683	Indicator Ball, 1 1/4" =Red=	1	
11	94037	Cable Tie, 15 1/2"	3	
12	45171B	Volume Indicator Assembly, Front =Black=	1	
13	9004817	Decal, 1200 Volume Indicator	1	
14	412450	Sight Gauge Tube Assembly	1	
15	9004547	Adapter, 1 1/2" SCH40 Female x 1 1/2" NPT Female	2	
16	TA814661	Reducer Bushing, 1 1/2"-11 1/2 NPTF Male x 1"-11 1/2 NPTF Female	2	
17	9005558	Tank Breather Vent	1	
18	9006477	Adapter, 1" Male Pipe to Quick Connect	1	
19	TA854886	90° Hose Barb x Quick Connect Kit	1	
20	9003683	Indicator Ball, 1 1/4" =Red=	1	
21	45172B	Volume Indicator Weldment =Black=	1	
22	94037	Cable Tie, 15 1/2"	4	
23	45573	Hose, 1" Dia. x 132" EPDM (200 PSI)	1	
24	45578	Hose, 1" Dia. x 40" EPDM (200 PSI)	1	
25	9004454	U-Bolt, 1/4"-20UNC x 3 3/4" , 3 5/16" C/C	2	
26	9007389	Tee, 1" Hose Barb x 1" Hose Barb x 1" MPT	1	
27	91263	Nut/Large Flange 3/8-16UNC	14	
28	9388-051	Carriage Bolt, 3/8"-16UNC x 1" G5	4	
29	97189	Hex Nut/Large Flange 1/4-20UNC	21	
30	97420	Flange Screw 1/4-20UNC x 3/4 (Grade 5)	11	
31	97840	Grommet, 1/4W x 1 1/2" Dia. Groove, 1 1/4" ID	4	
32	TA800912	Hose Clamp, SAE #16	7	
33	TA805412	Tank Fitting, 1" Double Threaded	1	

1200 GALLON LIQUID FERTILIZER CART — Parts

Clean Water Tank Components

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

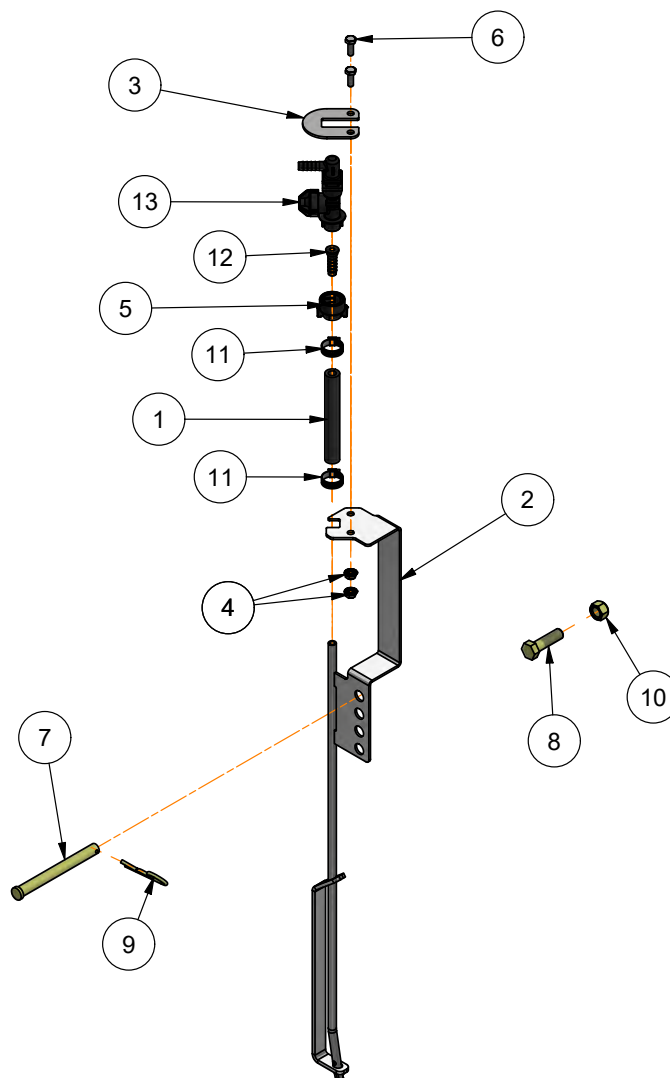


ITEM	PART NUMBER	DESCRIPTION	QTY	NOTES
	410942	10 Gallon Clean Water Tank Assembly (Gray)	-	Includes Items 1-6
1	9007237	10 Gallon Tank (Gray)	1	
2	TA808275	Poly 90° Elbow Hose Barb 3/4" MPT x 1/2"	2	
3	TA800906	Hose Clamp SC-8 (Stainless Steel)	1	
4	TA806554	1/2" Clear Vinyl Tubing	1	
5	9007699	Poly Valve, 3/4" MPT x 3/4" HB	1	
6	TA814657	Reducer Bushing, 1 1/4-11 1/2 NPTF Male x 3/4-14 NPTF Female	1	

1200 GALLON LIQUID FERTILIZER CART — Parts

Liquid Fertilizer Kit

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

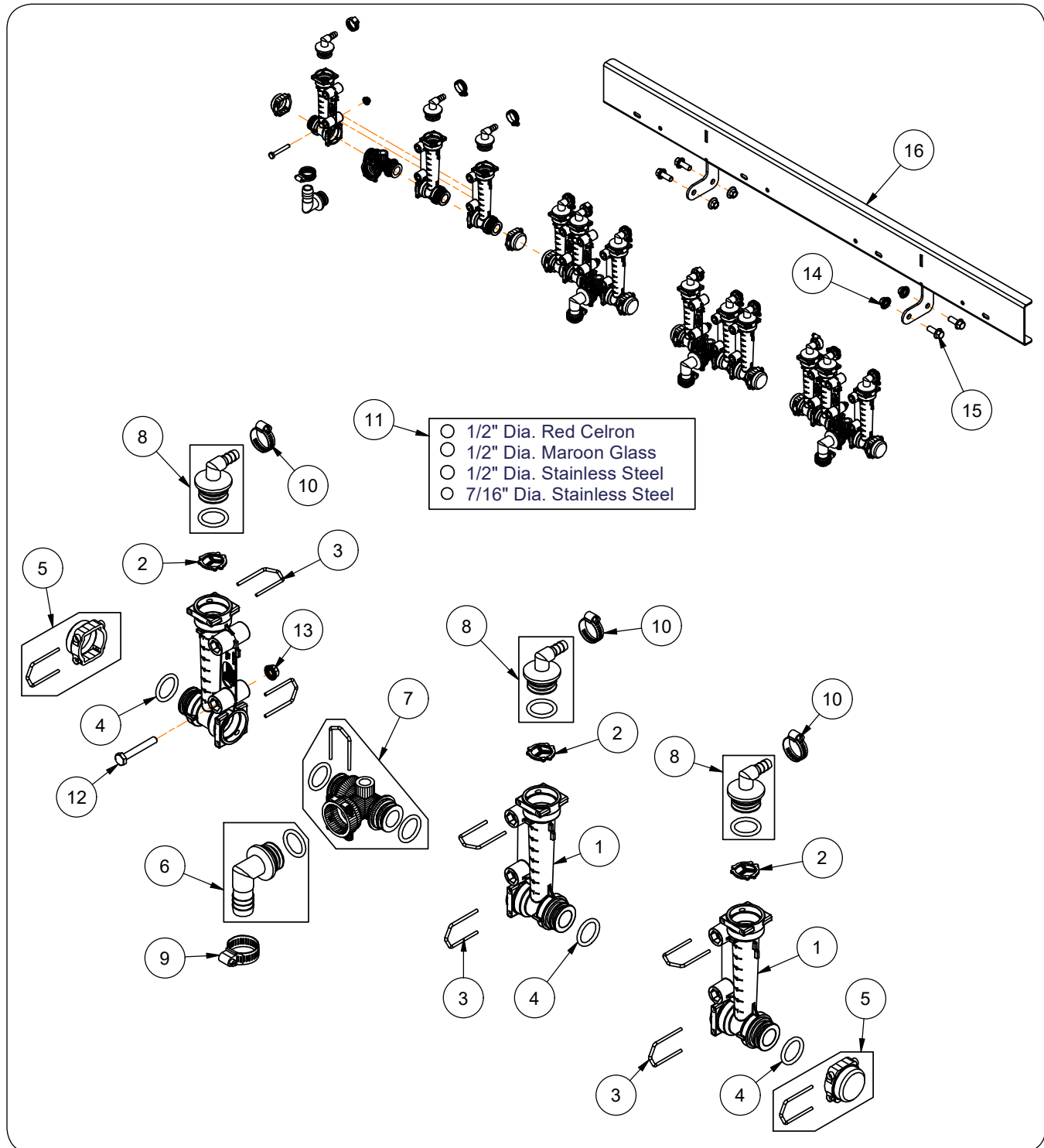


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
	45710	Liquid Fertilizer Kit		Includes Items 1-13
1	45654	Hose EPDM, 3/8" Dia. x 2 7/8", 200 PSI	1	
2	603764	Liquid Fertilizer Tube Weldment	1	
3	603146	Plate, 12 GA x 2 1/4" x 2 19/32"	1	
4	9004720	Flange Nut, 1/4"-20UNC (SS)	2	
5	9007736	Quick Nozzle Cap Assembly	1	
6	900900-003	Capscrew, 1/4"-20UNC x 3/4" (SS)	2	
7	91183	Clevis Pin, 1/2" Dia. x 5"	1	
8	9390-102	Capscrew, 1/2"-13UNC x 1 3/4" G5	1	
9	95959	Hairpin Cotter, .1562" Dia. x 3"	1	
10	9800	Lock Nut/Top, 1/2"-13UNC	1	
11	TA800902	Hose Clamp, M-6 (SS)	2	
12	TA865665	Shank-Hose, 19/32" OD x 1/4" ID x 1 3/8"	1	
13	TA880149	Elbow, Nozzle/Single, QJ 3/8"	1	

1200 GALLON LIQUID FERTILIZER CART — Parts

Flow Ball Valves

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



1200 GALLON LIQUID FERTILIZER CART — Parts

Flow Ball Valves

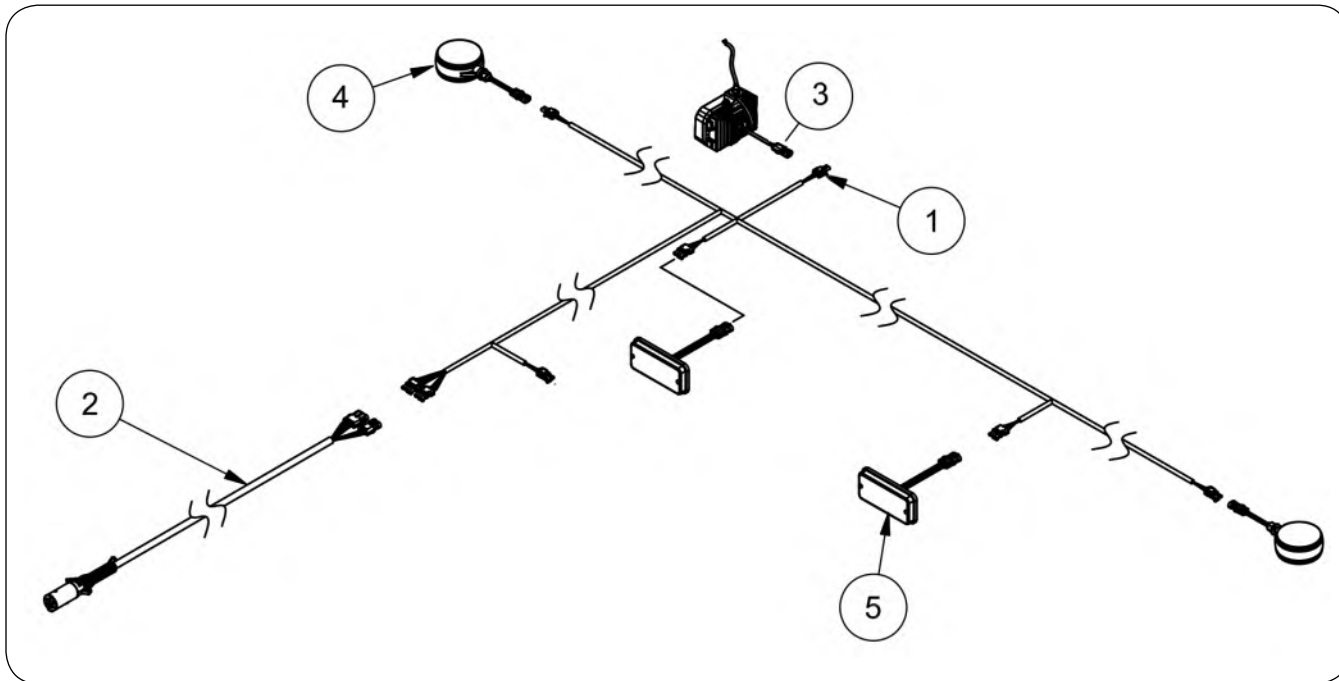
Please visit www.unverferth.com/parts/ for the most current parts listing.

ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	9008659	Flow Indicator Body	13	
2	9007704	Ball Retainer Indicator	12	
3	9007705	Locking Clip	24	
4	9007706	O-Ring	12	
5	9007707	Flow Cap Indicator with Locking Clip	8	
	9007705	Locking Clip	-	
6	9007713	Elbow Fitting Indicator, 3/4" with O-Ring	4	
	9007706	O-Ring	-	
7	9007778	Tee Fitting Indicator, 3/4" with O-Ring & Locking Clip	4	
	9007706	O-Ring	-	
	9007705	Locking Clip	-	
8	9007710	Elbow Fitting Indicator, 3/8" with O-Ring	12	
	9007706	O-Ring	-	
9	TA800910	Hose Clamp, 1/2" to 1 1/4" (Stainless Steel)	4	
10	TA800902	Hose Clamp, 7/8" (Stainless Steel) M-6	12	
11	9007708	Indicator Flow Balls Assembly (Includes all 4 Balls)	12	
	9007781	Indicator Flow Ball 1/2" Dia. =Red Celron=	-	
	9007780	Indicator Flow Ball 1/2" Dia. =Maroon Glass=	-	
	9007779	Indicator Flow Ball 1/2" Dia. =Stainless Steel=	-	
	9007883	Indicator Flow Ball 7/16" =Stainless Steel=	-	
12	900900-008	Capscrew, 1/4"-20UNC x 1 3/4" (Stainless Steel)	8	
13	9004720	Flange Nut, 1/4"-20UNC (Stainless Steel)	8	
14	91263	Large Flange Nut, 3/8"-16UNC	8	
15	91262	Flange Screw, 3/8"-16UNC x 1" G5	8	
16	45344SM	Flow Monitor Panel Weldment =Silver Mist=	1	

1200 GALLON LIQUID FERTILIZER CART — Parts

Electrical Components

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

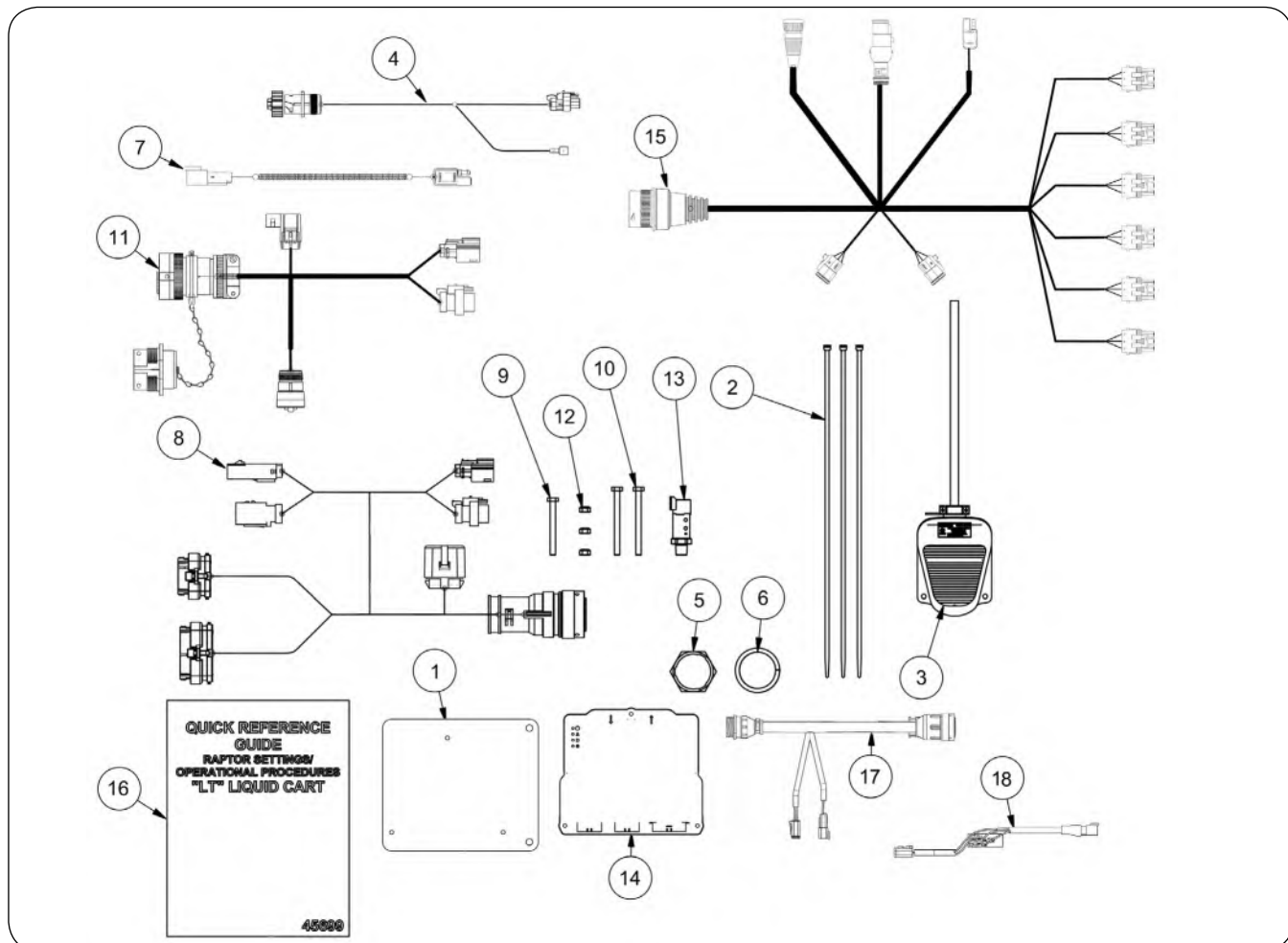


ITEM	PART NO.	DESCRIPTION	QTY	NOTES
1	44999	Light, Wiring Harness, 418"	1	
2	45000	Main, Wiring Harness, 480"	1	
3	301213	Work Light Replacement	1	
4	9005142	AMBER Lamp, LED Double Face	2	
5	9006282	RED Light, Tail/Turn	2	

1200 GALLON LIQUID FERTILIZER CART — Parts

Rate Control Module (RCM) ISO Rate Control Components

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

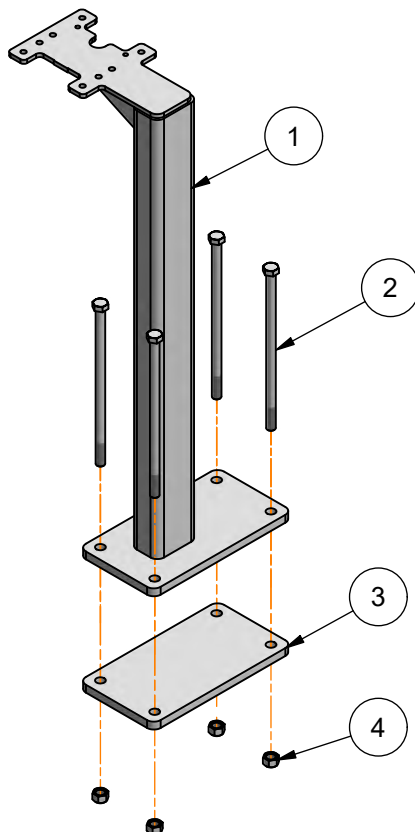


ITEM	PART NUMBER	DESCRIPTION	QTY.	NOTES
	45676FS	Rate Control Kit - Less ISO Rate	-	Includes Items 7, 15, 17, & 18
1	45672B	RCM Mounting Plate =Black=	1	
2	94037	Cable Tie, 15 1/2"	12	
3	9005916	Foot Switch ISO Note w/Harness	1	
4	9503390	Switch Extension Cable 23 FT	1	
5	9006885	Panel Nut (Size 24)	1	
6	9006886	Lock Washer Connector (Size 24)	1	
7	9007524	Extension Harness	1	
8	9008095	Raven Control Module Cable	1	
9	9390-011	Capscrew 1/4"-20UNC x 2 1/2" G5	1	
10	9390-013	Capscrew 1/4"-20UNC x 3" G5	2	
11	9503926	GEN 1 ISO TO IBIC Hitch - 36 Ft. Cable	1	
12	9936	Lock Nut, 1/4"-20UNC	3	
13	9503299	Pressure Transducer	1	
14	9504611	Rate Control Module	1	
15	9503472	Wire Harness 6 Ft. Flow Cable 6 Section	1	
16	45699	Raptor Quick Reference Guide	1	
17	9009175	Product Flow & Rate Harness	1	
18	9007550	Boost Box Harness	1	

1200 GALLON LIQUID FERTILIZER CART — Parts

GPS Mounting Bracket Option

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



ITEM	PART NO.	DESCRIPTION	QTY	NOTES
	603843B	GPS Mount Assembly =Black=	-	Includes Items 1-4
1	603540B	GPS Arm Weldment =Black=	1	
2	9390-436	Capscrew, 1/2"-13UNC x 10" G5	4	
3	603514B	Plate =Black=	1	
4	9800	Lock Nut/Top, 1/2"-13UNC	4	

1200 GALLON LIQUID FERTILIZER CART — Parts

Notes



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