

Serial Numbers: 2019: 21297 - 21381 2020: 21398 - 21649 2021: 21670 - 21938 2022: 22022 - 22488 2023: 22522+

# PARTS MANUAL



Color coded parts are denoted in this catalog by "\_\_" following the p/n. When ordering replacement parts, color coded parts need to be ordered w/ their corresponding color suffix. The following is a list of color codes:

AA = Black Paint ZZ = Gray Poly

- ZY = Yellow Poly
- ZX = White Poly

For example, when ordering a W002585\_ \_ in black, you would order W002585AA at time of ordering. Failure to add the color code may result in getting an unpainted part, rather than a painted one.

Major changes for the 2019 model year include:

- Released Gen 2 2208 for Production.
- Updated Cradle and Meter.
- Replaced S/S Tanks with Poly Tanks

Major changes for the 2020 model year include:

• Added 4 Section Option.

Major changes for the 2021 model year include:

- Removed Agitator Covers.
- Updated Platform
- Added Internal Sensor Slidegate Cylinder Option

Major changes for the 2020 model year include:

- Added High-Speed Fan Option.
- Updated SMV Mount.

Major changes for the 2021 model year include:

• Added 1 Product 2 Section Option.

List Of Operations Manuals For Gen 2				
P003162	Document - Montag Mfg. Gen 2 Operators Manual			
P003071	Document - Montag DRC Operation Manual			
P002957	Document - Montag Dry Rate Controller Quick Reference Guide			
(Check <u>www.montagmfg.com/support/</u> For Latest Versions)				



## Table of Contents

#### 2208 - 2019-2021

Gen 2 2X08 Configurator Options0	7
2208 - ASSEMBLIES AND WELDMENTS OVERVIEW0	8-11
Base Units1	.2-19
Fan End Accessories2	0-21
Cradle 2	2-23
Load Cell Area2	4-25
Manifold – Hydraulic Sub-Assembly and Air Gauge	6-27
Manifold - Hydraulic Control (Single Section - Single Product)	8-29
Manifold - Hydraulic Control, Hyd. Slide Gate (Earlier Models Only)3	0-31
Manifold - Hydraulic Dual Product Control, Hyd. Slide Gate	2-33
Manifold - Hydraulic Dual Product Control, No Hyd. Slide Gate	4-35
Fan and Plenum Area3	6-37
Fan / Transition3	8-39
Fan Assembly w/Motor4	0-41
Fan Assembly w/High Speed Motor	2-43
Fan Housing Assembly4	4-45.
Plenum Assembly	6-47
Rear Plenum Area4	8-49
Plenum Tray5	0-51
Plenum Tray Assembly	2-53
Air Hose Manifolds5	4-55
Manual Holder5	6-57
TANKS AND TROUGHS	
Poly Tanks and Lid Area5	8-59
Tank Lid Assembly6	0-61
Tank Rings6	2-63
Tank To Meter6	4-65
Tank Assembly	
Trough – Shield and Bracket (LH and RH)	6-67
Trough – Non-Cylinder End (LH and RH)6	8-69
Trough – Hanger and Bracket (LH and RH)	0-71
Trough – Slide Gate And Trough Support (LH and RH)7	2-73
Manual Slide Gate Cylinder Mounting7	4-75
Manual Slide Gate Cylinder Assembly	6-77
Hydraulic Slide Gate Cylinder Mounting 7	8-79
Inside Tank Area8	30-81
Non-Cylinder End Agitator Covers (Pre-2020)	2-83



## Table of Contents (continued)

PLATFORMS	
2208 Dual Deck Assembly w/Ladder	
2X08 Single Step Complete	
Platform - Deck (18" X 24	")
2X08 Platform Bolt-On Ladder Complete	
Swing Ladder Add-On	
Rigid Ladder Extension	
ROW KITS OVERVIEW	
Row Kits and Components	
•	
, Cartridges, Air Chambers,	
<b>-</b> · · · · · · ·	- Long
-	Short104-105
	ng and Short106-107
	Blank108-109
Air Chamb	er – Blank108-109
Air Chamb	er Assembly110-111
Gear Box A	ssembly112-113
HYDRAULIC SECTION KITS Complete Section AND Slidegate Kits	115
1 Product - 1 Section (Manual Slidegate)	
-	·
-	d Covers
	nd Hoses122-123
2 Product - 1 Section (Hydraulic Slide Ga	
	ct - Mechanical Slide Gate
	ct - Hydraulic Slide Gate
-	
•	nts130-131
2 Product - 2 Section	
	nts134-135
•	Motors (Tank 2)136-137
	Motors (Tank 1)
•	
	d. 4.5 CU/IN (CW) 140-141



## Table of Contents (continued)

#### HYDRAULIC SECTION KITS (CONTINUED)

#### 2 Product - 3 Section

	2 FIOUUCE - 5 Section		
	Hoses (Fan End)		144-145
	Hoses (Non-Fan	End)	146-147
	Fan Motor and C	Center Tee	148-149
	3 Section Drive	Components	148-149
	3 Section Non-F	an End Motors and Tee	150-151
	2 Product - 4 Section		
	Hoses (Fan End)		152-153
		End)	
		s and Tee	
	Four Section Dri	ve Shafts	158-159
ELECTRICAL A	Montag Dry Rate Controller Ha Rate Controller Kit ECU – Mount and Enclosure Load Cell and Section Control M J-Box	rness Notor Connections	162-163 164-165 166-167 168-169
MISCELLANE	Miscellaneous Components Kit		
DECALS		oad	



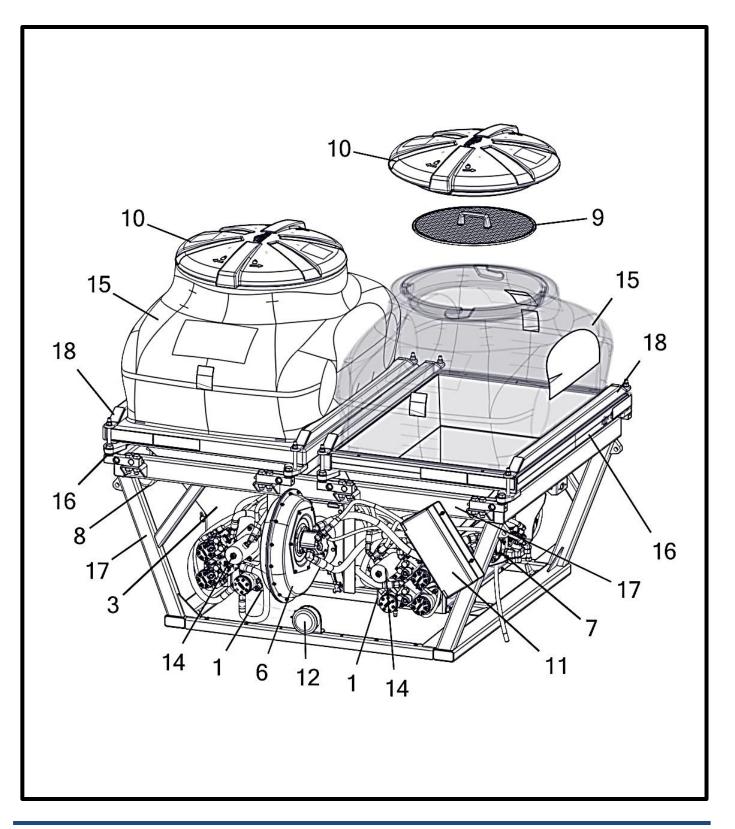
				C	Ger	า 2	2>	(08 Configu
	4	enes	ROMS OUTOUT	131	STE	HOTTA	NS Sect	ons sude cate
Example P/N:	U	2 4 6 8	AC	2 3	1 2	1-4	1 2	M H
U8A2242MBII-ZX	U	8	Α	2	2	4	2	М
	S							Available
	Series	2	A= Non-Fan (2")	2= 30 CuFt	1	1	1	(M)echanical Non Fan
	8 Se	4	C= Fan Side (2")	3= 50 CuFt	2	2	2	(H)ydraulic
	2X08	6				3		(F)an Side
	R	8				4		
								3



arator Options				
Platom	/.	Sales Tech Package	color	. /
B C D E F G H	N D I J	N I G R	ZZ ZY ZX	
В	1		-ZX	
e Options				
B = None	None	(N)one	ZZ = GRAY	
C = Single RH Non-Fan (2108)	(I)SO	(I)SO	ZY = YELLOW	
D = Dual RH Non-Fan (2208)	(D)igital	(G) 37 Pin 1 section	ZX = WHITE	
E = Dual LH Non-Fan (2208)	(J)D ISO	(R) 47 Pin (P003041)		
F = Dual RH Fan (2208)				
G = Dual LH Fan (2208)	<i>w</i>			
H = Single LH Non-Fan (2108)				



#### 2208 Overview (Fan End)



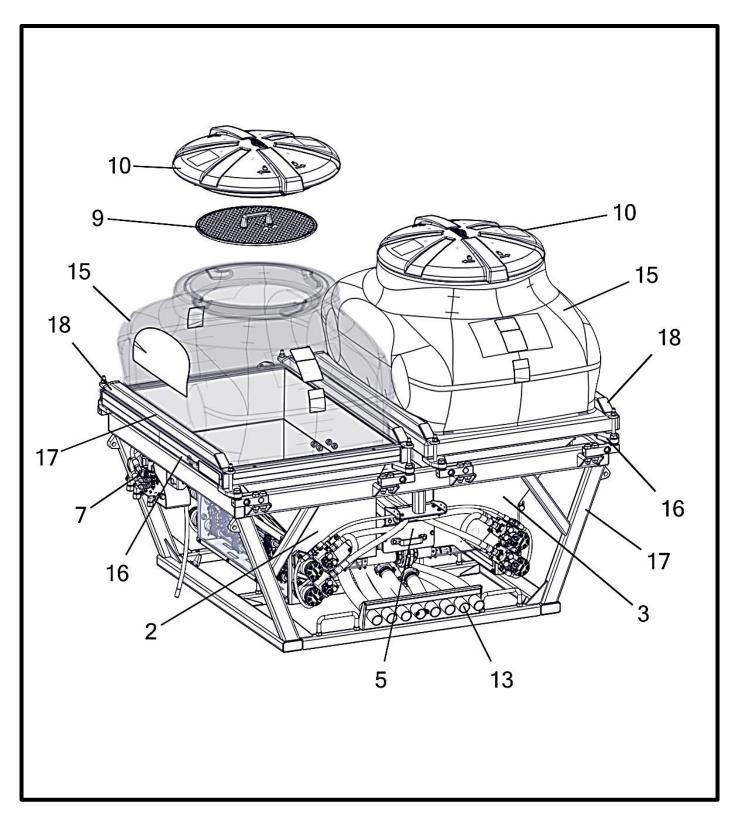


## 2208 Overview (Fan End)

Item No.	Qty	Part Number	Description
1	2	A002155	Bracket Assembly- Encoder Motor Mounting
2	1	A002251	Meter - 2208 Assembly (LH) (2018+)
3	1	A002253	Meter - 2208 Assembly (RH) (2018+)
4	1	A002255	Plenum - Sub-Assembly Phantom 2208 (No Tray) (2018+)
5	1	A002256	Plenum - Sub-Assembly Tray 2208 (2018+) (Reversible)
6	1	A002265	Fan / Transition - Assembly 6" x 10°
7	1	A002269	Manifold - Hydraulic Dual Product Control (w/Hardware)
8	1	A002272	Holder - Instruction Manual Sub-Assembly w/Mount Bolts
9	2	A002275	Screen - Gen II 8 Row (3/4" C/C) (2018+)
10	2	A002276	Lid - Complete 2208 Poly Tank
11	1	A002430	ECU - Montag Dry Rate Controller w/Mag. Mount
12	1	A002474	Gauge - Dwyer Air (No Logo) w/Mag. Mount
13	1	A002485	Manifold - Air Hose Sub-Assembly Gen II 2208 (Non-Fan End)
14	2	A002506	Cylinder - Slide Gate Sub-Assembly (Rear Sensor)
15	2	P002902	Tank - 2208 30 Cu.Ft. Poly
	2	P002912	Tank - 2208 50 Cu.Ft. Poly <b>(Not Shown)</b>
16	2	W002568	Frame - Poly Tank Mount Gen II 2208
17	1	W002569	Cradle - Gen II 2208
18	4	W002593	Bracket - Poly Tank Clamp Gen II 2208
19	1	A002476	ECU - ISO Scale Mag. Mount (2 Product)



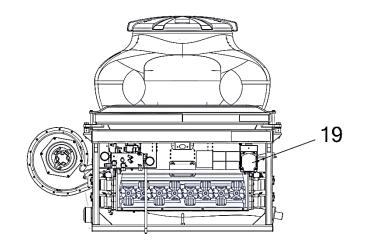
## 2208 Overview (Non-Fan End)



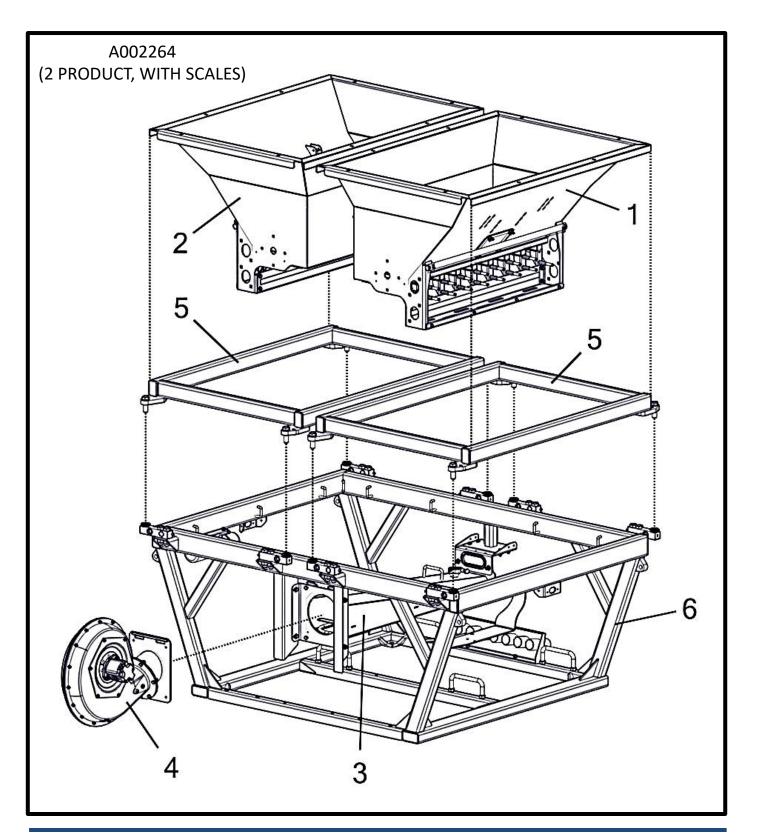


## 2208 Overview (Non-Fan End)

Item No.	Qty	Part Number	Description
1	2	A002155	Bracket Assembly- Encoder Motor Mounting
2	1	A002251	Meter - 2208 Assembly (LH) (2018+)
3	1	A002253	Meter - 2208 Assembly (RH) (2018+)
4	1	A002255	Plenum - Sub-Assembly Phantom 2208 (No Tray) (2018+)
5	1	A002256	Plenum - Sub-Assembly Tray 2208 (2018+) (Reversible)
6	1	A002265	Fan / Transition - Assembly 6" x 10°
7	1	A002269	Manifold - Hydraulic Dual Product Control (w/Hardware)
8	1	A002272	Holder - Instruction Manual Sub-Assembly w/Mount Bolts
9	2	A002275	Screen - Gen II 8 Row (3/4" C/C) (2018+)
10	2	A002276	Lid - Complete 2208 Poly Tank
11	1	A002430	ECU - Montag Dry Rate Controller w/Mag. Mount
12	1	A002474	Gauge - Dwyer Air (No Logo) w/Mag. Mount
13	1	A002485	Manifold - Air Hose Sub-Assembly Gen II 2208 (Non-Fan End)
14	2	A002506	Cylinder - Slide Gate Sub-Assembly (Rear Sensor)
15	2	P002902	Tank - 2208 30 Cu.Ft. Poly
	2	P002912	Tank - 2208 50 Cu.Ft. Poly (Not Shown)
16	2	W002568	Frame - Poly Tank Mount Gen II 2208
17	1	W002569	Cradle - Gen II 2208
18	4	W002593	Bracket - Poly Tank Clamp Gen II 2208
19	1	A002476	ECU - ISO Scale Mag. Mount (2 Product)

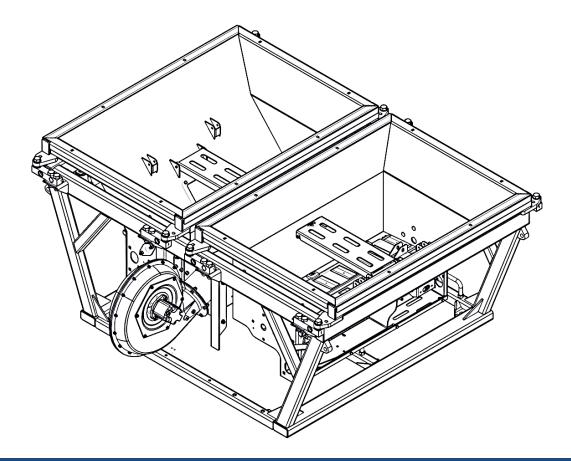




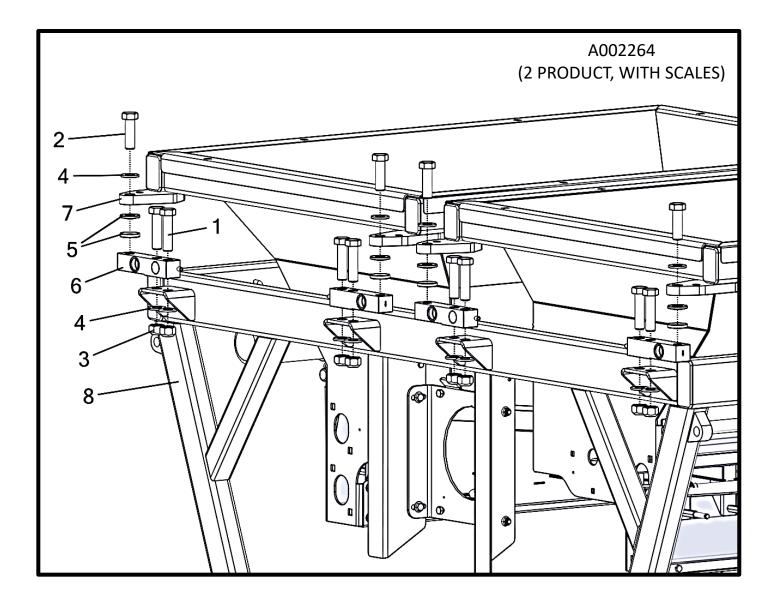




ltem No.	Qty	Part Number	Description
		A002264	Gen II - 2019 2208 Base Unit, 2 Product - With Scales
		A002260	Gen II - 2019 2208 Base Unit, 1 Product - No Scales (not shown)
		A002262	Gen II - 2019 2208 Base Unit, 2 Product, No Scales (not shown)
1	1	A002251	Meter - Gen II 2208 Assembly (LH) (2018+)
2	1	A002253	Meter - Gen II 2208 Assembly (RH) (2018+)
3	1	A002255	Plenum - Sub-Assembly Phantom 2208 (No Tray) (2018+)
4	1	A002265	Fan / Transition - Assembly 6" x 10°
5	2	W002568	Frame - Poly Tank Mount Gen II 2208
6	1	W002569	Cradle - Gen II 2208 (2018+)



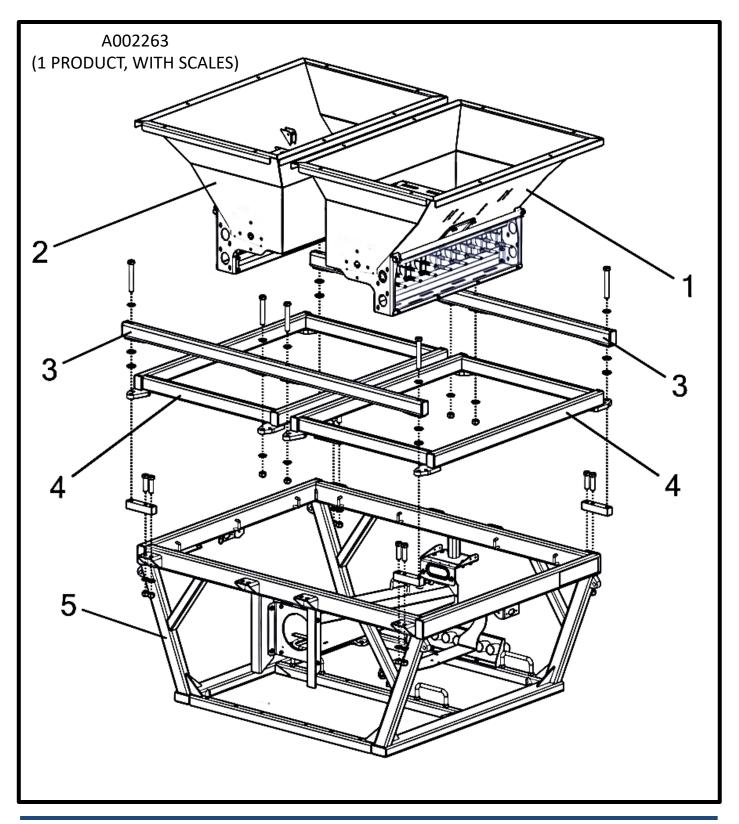






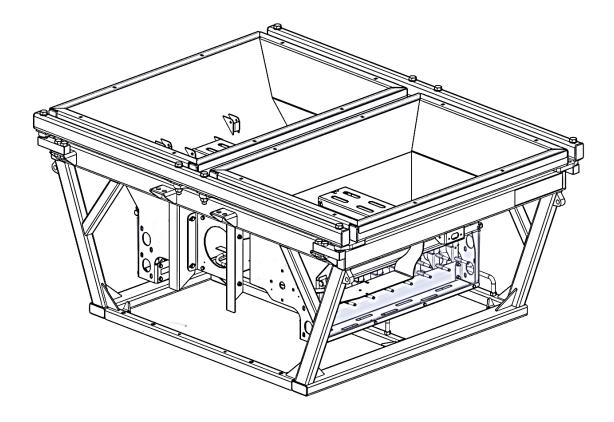
ltem No.	Qty	Part Number	Description
		A002264	Gen II - 2019 2208 Base Unit, 2 Product - With Scales
		A002260	Gen II - 2019 2208 Base Unit, Single Product - No Scales (not shown)
		A002262	Gen II - 2019 2208 Base Unit, 2 Product, No Scales (not shown)
1	16	P000047	Bolt - 3/4-10 x 3 x 1.75 Hex (GR 5 M/S FA)
2	8	P000055	Bolt - 3/4-16 x 2.5 x 1.75 Hex (GR 5 M/S FA)
3	16	P000061	Nut - 3/4-10 Hex Metal Lock (GR 5 M/S FA)
4	24	P000766	Washer - 3/4" SAE Flat (1.469" OD) (GR 5 M/S FA)
5	8	P002146	Washer - 3/4" Spherical Self Aligning
6	8	P002739	Scale - Load Cell (10K) w/DT 6 Pin (14')
	8	M003225	Scale - Load Cell (10K) Blank (Non-Operational, Block Only) (Not Shown)
7	2	W002568	Frame - Poly Tank Mount Gen II 2208
8	1	W002569	Cradle - Gen II 2208 (2018+)



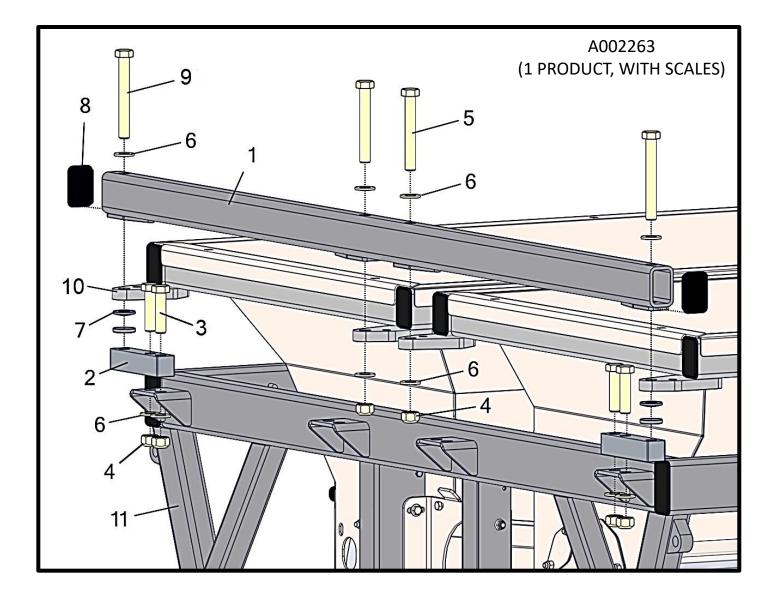




ltem No.	Qty	Part Number	Description
		A002263	Gen II - 2019 2208 Base Unit, 1 Product, With Scales
1	1	A002251	Meter - Gen II 2208 Assembly (RH) (2018+)
2	1	A002253	Meter - Gen II 2208 Assembly (LH) (2018+)
3	2	A002268	Tube - Single Product Tank Connector Sub-Assembly Gen II 2208
4	2	W002568	Frame - Poly Tank Mount Gen II 2208
5	1	W002569	Cradle - Gen II 2208 (2018+)





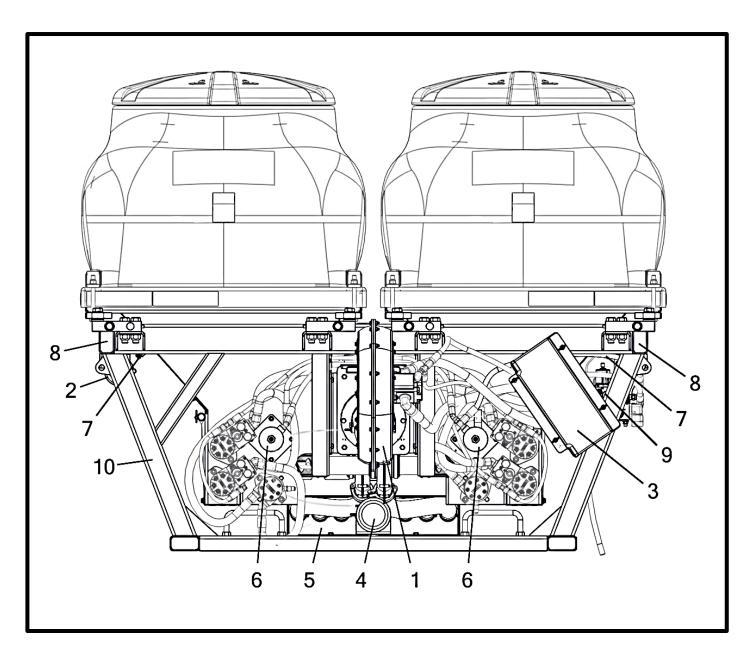




ltem No.	Qty	Part Number	Description
		A002263	Gen II - 2019 2208 Base Unit, 1 Product, With Scales
1	2	A002268	Tube - Single Product Tank Connector Sub-Assembly Gen II 8 Row
2	4	P002739	Scale - Load Cell (10K) w/DT 6 Pin (14')
3	8	P000047	Bolt - 3/4-10 x 3 x 1.75 Hex (GR 5 M/S FA)
4	12	P000061	Nut - 3/4-10 Hex Metal Lock (GR 5 M/S FA)
5	4	P000585	Bolt - 3/4-10 x 5.5 x 1.75 Hex (GR 5 M/S FA)
6	20	P000766	Washer - 3/4" SAE Flat (1.469" OD) (GR 5 M/S FA)
7	4	P002146	Washer - Self Aligning
8	3	P002204	Cap - 3" x 2" Plastic (6-8 Ga)
9	3	P002888	Bolt - 3/4-16 x 6 x 1.75 Hex (GR 5 M/S FA)
10	2	W002568	Frame - Poly Tank Mount Gen II 8 Row
11	1	W002569	Cradle - Gen II 8 Row (2018+)



#### **Fan End Accessories**





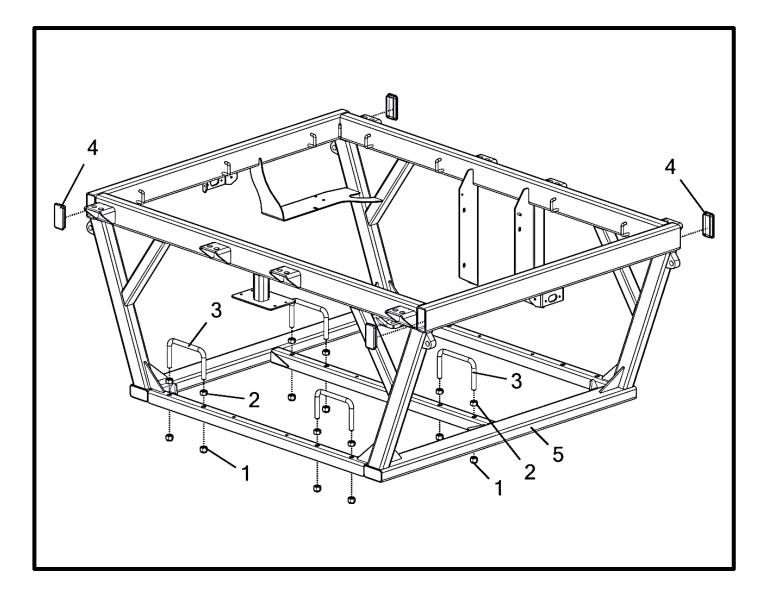


#### **Fan End Accessories**

ltem No.	Qty	Part Number	Description
1	1	A002265	Fan / Transition - Assembly 6" x 10°
2	1	A002272	Holder - Instruction Manual Sub-Assembly w/Mount Bolts
3	1	A002430	ECU - Montag Dry Rate Controller w/Mag. Mount
4	1	A002474	Gauge - Dwyer Air (No Logo) w/Mag. Mount
5	1	A002485	Manifold - Air Hose Sub-Assembly Gen II 2208 (Non-Fan End)
6	2	A002506	Cylinder - Slide Gate Sub-Assembly (Rear Sensor)
7	1	P003130	Manifold - Hydraulic Dual Product Control (Less Fan Override) (PS-01564-VVA-01)
8	4	P002885	Cap - 2" x 4" Plastic (6-11 Ga)
9	1	P003048	Manifold - Hydraulic Dual Product Control (Less Fan Override) (VA2873-16-B)
10	1	W002569	Cradle - Gen II 2208



#### Cradle

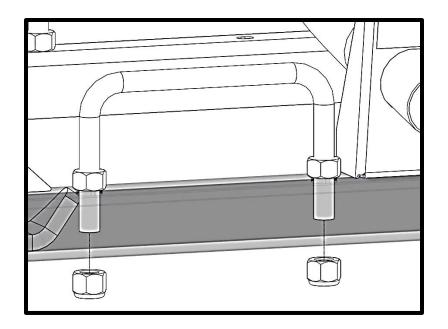




### Cradle

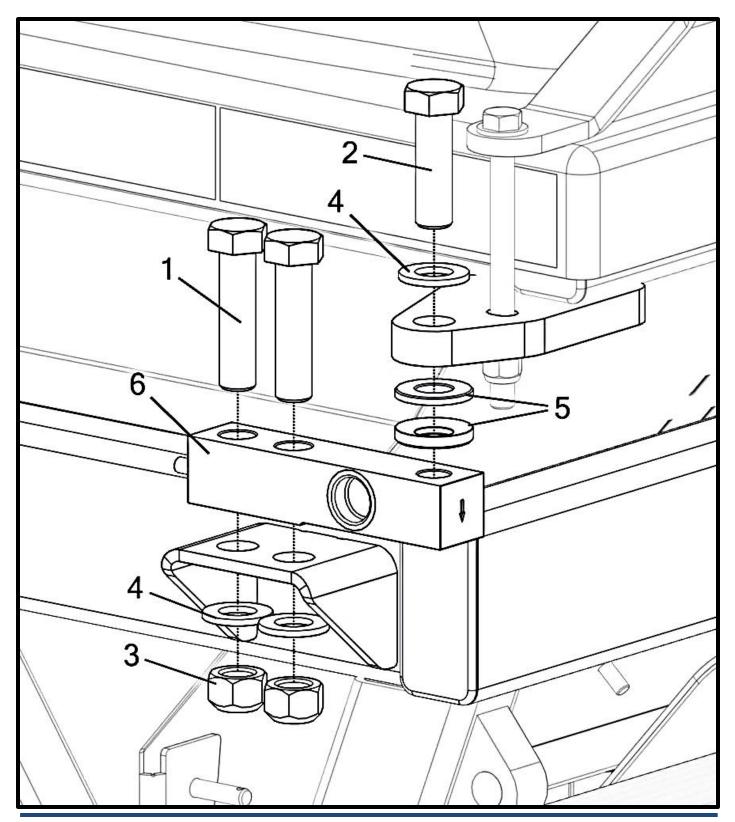
ltem No.	Qty	Part Number	Description
1	8	P000060	Nut - 5/8-11 Hex Nylon Lock (GR 5 M/S FA) *
2	8	P000320	Nut - 5/8-11 Hex (GR 5 M/S FA) *
3	4	P002849	U-Bolt - 5/8-11 x 7 x 4-1/4 Square (GR 8 M/S FA)
4	4	P002885	Cap - 2" x 4" Plastic (6-11 Ga)
5	1	W002569	Cradle - Gen II 2208 (2018+)

(\*) Included in K002209 - Kit - Forklift U-Bolt Mount Hardware Gen II 2208





## Load Cell Area





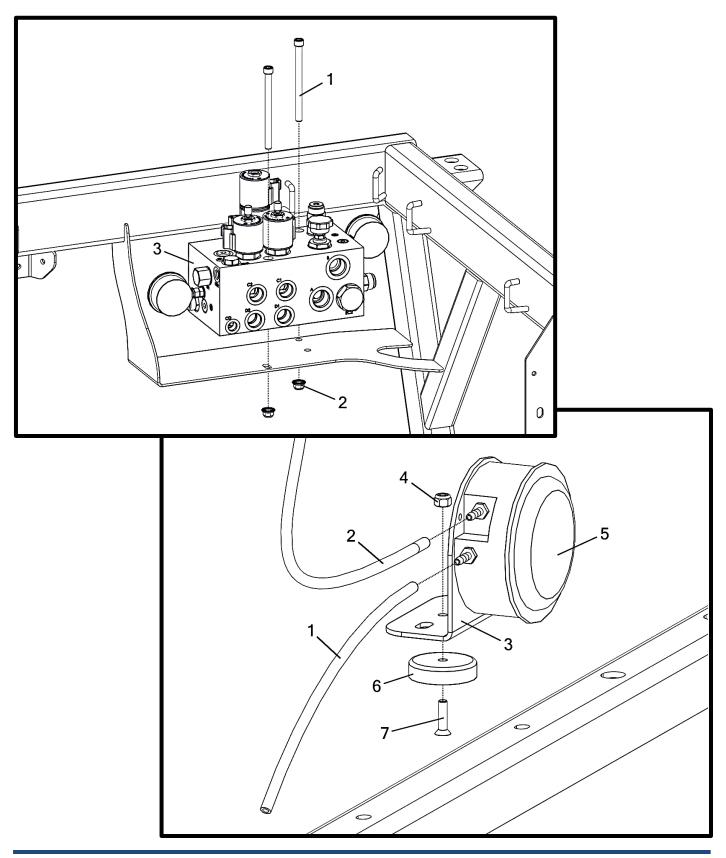
#### Load Cell Area

ltem No.	Qty	Part Number	Description
1	16	P000047	Bolt - 3/4-10 x 3 x 1.75 Hex (GR 5 M/S FA) *
2	8	P000055	Bolt - 3/4-16 x 2.5 x 1.75 Hex (GR 5 M/S FA) *
3	16	P000061	Nut - 3/4-10 Hex Metal Lock (GR 5 M/S FA) *
4	24	P000766	Washer - 3/4" SAE Flat (1.469" OD) (GR 5 M/S FA) *
5	8	P002146	Washer - 3/4" Spherical Self Aligning *
6	8	P002739	Scale - Load Cell (10K) w/DT 6 Pin (14')

(\*) Included in K002154 - Kit - Load Cell (10K) (Scale-Tec) Hardware Gen 2



## Hydraulic Manifold Attach and Air Gauge



12/04/2023 - REV. B SN#: 21297 - 2\_\_\_\_



### HYDRAULIC MANIFOLD ATTACH

ltem No.	Qty	Part Number	Description
1	2	P000619	Bolt - 3/8-16 x 5 x 1 Socket Head (18-8 S/S FB) *
2	2	P002225	Nut - 3/8-16 Flange Nylon Lock (18-8 S/S FB) *
3	1	P002227	Manifold - Hydraulic Dual Product Control (VA2873-16)

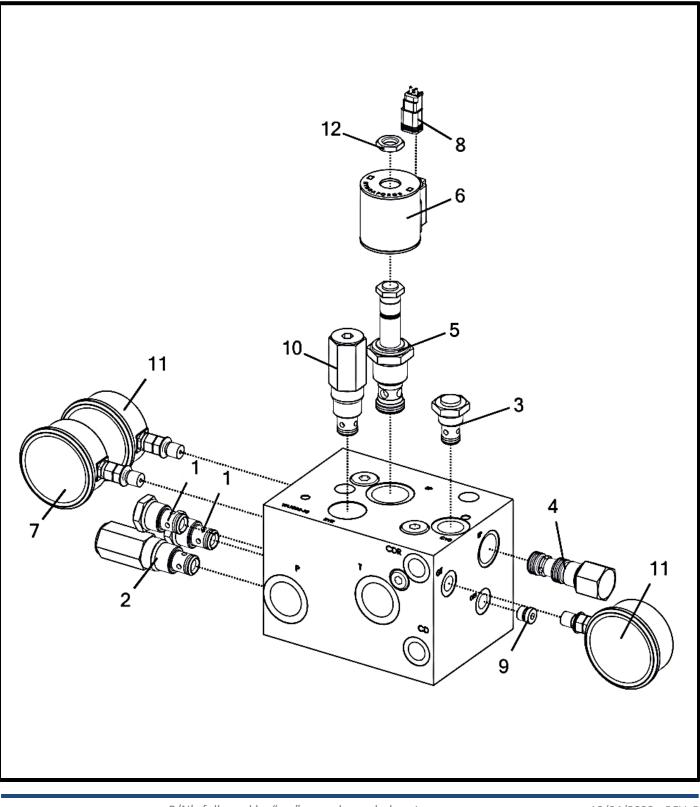
(\*) Included in K002090 - Kit - Hydraulic Manifold Mount Hardware

ltem No.	Qty	Part Number	Description
		A002474	Gauge - Dwyer Air (No Logo) w/Mag. Mount
1	1	M001044	Hose - Air Gauge Breather Tube
2	1	M003044	Hose - Air Pressure Gauge (60")
3	1	M003358	Bracket - Dwyer Air Gauge Mag. Mount
4	1	P000103	Nut - 1/4-20 Hex Nylon Lock (F594 316 S/S FB)
5	1	P000812	Gauge - Dwyer Air 0-30" WC (No Logo)
6	1	P002467	Magnet - 2" X 200 Lbs. (Cup 51)
7	1	P002469	Screw - 1/4-20 x 1 Machine Flat Head Phillips (18-8 S/S FB)

#### AIR GAUGE WITH MAGNETIC MOUNT



## Manifold - Hydraulic Control (REV B) (P000352) (Single Section - Single Product ONLY)



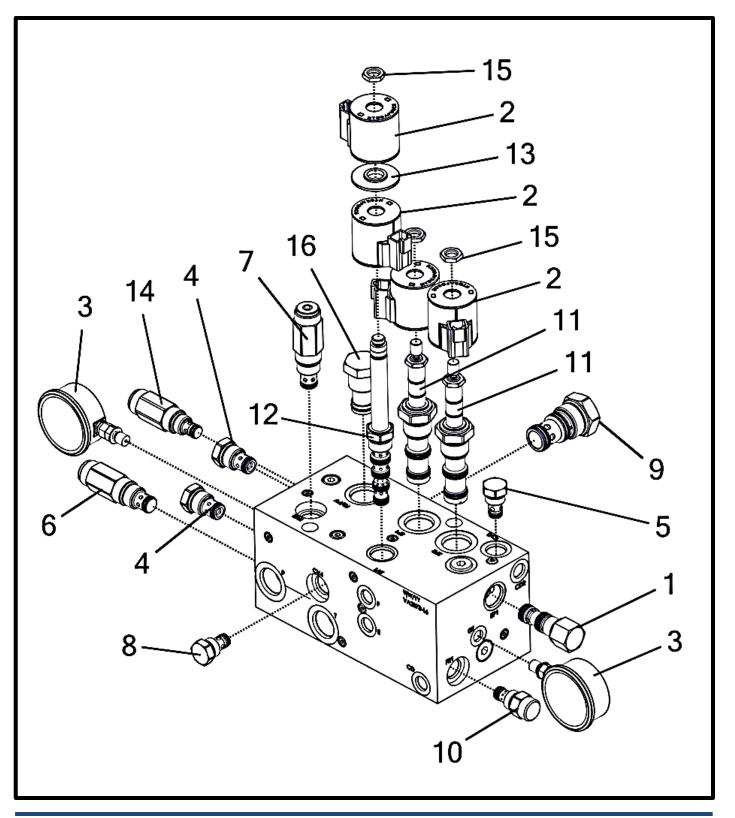


## Manifold - Hydraulic Control (REV B) (P000352) (Single Section - Single Product ONLY)

Item No.	Qty	Part Number	Description
1	2	P000355	Valve - Hyd #10 Size Check, 20 GPM, 10 PSI (565845)
		P002568	Kit - 565803 Replacement Seal
2	1	P000356	Valve - Hyd #10 Size Relief Differential, Poppet, 20 GPM, 3000 PSI (889553)
		P002568	Kit - 565803 Replacement Seal
3	1	P000358	Valve - Hyd #8 Size Check, 8 GPM, 25PSI (02-171258)
		P002569	Kit - 02-165875 Replacement Seal
4	1	P000359	Valve - Hyd #10 Size EP Logic Element, 20 GPM, 80 PSI (EPFR50-S35-0-N-80)
		P002570	Kit - SK10-3N-MM Replacement Seal
5	1	0000000	Valve - Hyd #12 Size Proportional Control, 2-Way, NC, Poppet (PWM)
5		P000360	(SP12-20-0-N-00)
		P002571	Kit - SK12-2N-T Replacement Seal
6	1	P000361	E-Coil - #10, 12 VDC, Deutsch DT04-2P (4303712)
7	1	P000362	Gauge - Hyd 3000 PSI #4 O-Ring (7/16"-20)
		P002581	O-Ring - #4 Buna (4000-04)
8	1	P000363	Harness - 2 Pin Deutsch w/ 9" Leads (DT06-2S)
9	1	P000787	Plug - Hyd #04 O-Ring 6408-HHP-04
		P002581	O-Ring - #4 Buna (4000-04)
10	1	P000947	Valve - Hyd 10 Size Relief Differential Poppet 20 GPM, 750 PSI RV3-10-1-0-
		1000317	9/7.5
		P002568	Kit - 565803 Replacement Seal
11	2	P002411	Gauge - Hyd 1500 PSI #4 O-Ring (7/16"-20)
		P002581	O-Ring - #4 Buna (4000-04)
12	1	P002517	Nut - Coil 7004400



## Manifold - Gen 2 Hydraulic Control (P003048) (Hydraulic Slide Gate Shown (Earlier Models Only))





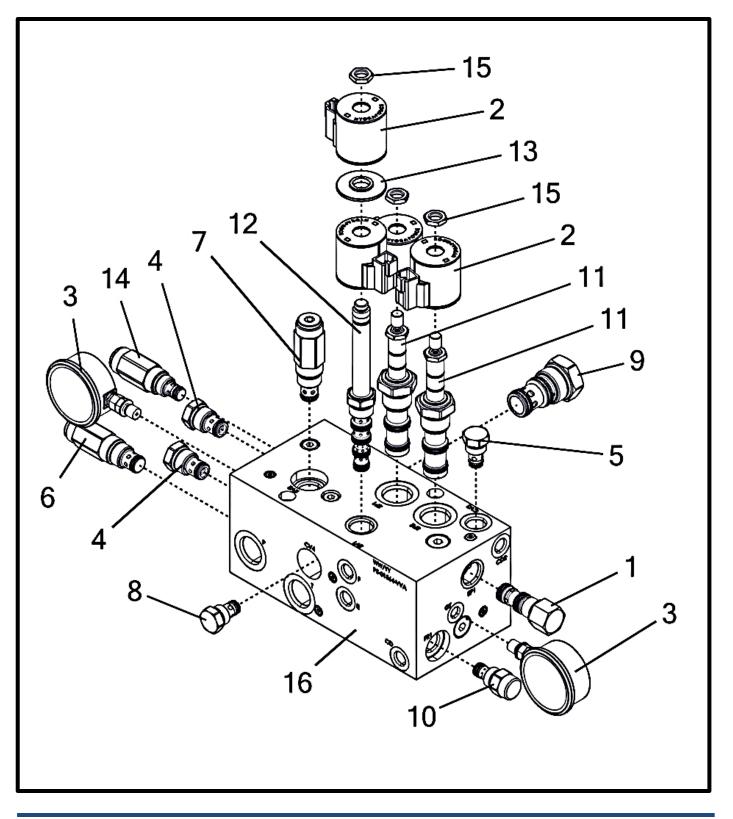
## Manifold - Gen 2 Hydraulic Control (P003048) (Hydraulic Slide Gate Shown (Earlier Models Only))

ltem No.	Qty	Part Number	Description
1	1	P000359	Valve - Hyd #10 Size EP Logic Element, 20 GPM, 80 PSI (EPFR50-S35-0-N-80)
		P002570	Kit - SK10-3N-MM Replacement Seal
2	4 *	P000361	E-Coil - #10, 12 VDC, Deutsch DT04-2P (4303712)
3	2	P000362	Gauge - Hyd 3000 PSI #4 O-Ring (7/16"-20) (For Manifold P-0352)
		P002581	O-Ring - #4 Buna (4000-04)
4	2	P000904	Valve - Hyd 10 Size Check, 2 Way, 20 GPM, 5PSI CV10-20-0-N-05
		P002572	Kit - SK10-2N-T Replacement Seal
5	1	P000905	Valve - Hyd 8 Size Check, 2 Way, 8 GPM, 25PSI CV08-20-0-N-25
		P002573	Kit - SK08-2N-T Replacement Seal
6	1	P000908	Valve - Hyd 10 Size Relief Differential Poppet 30 GPM, 3000PSI RV10-22H-0-N-35/30
		P002572	Kit - SK10-2N-T Replacement Seal
7	1	P000909	Valve - Hyd 10 Size Relief Differential Poppet 10 GPM, 3000PSI RV10-22H-0N-13/10
		P002572	Kit - SK10-2N-T Replacement Seal
8	1	P002506	Valve - Hyd 8 Size Check, 2 Way, 20 GPM, 4 PSI CV08-20-0-N-4
		P002573	Kit - SK08-2N-T Replacement Seal
9	1	P002507	Valve - Hyd Piloted Spool Type Logic Element 40 PSI EP16-S35-N-40
		P002574	Kit - SK16-3N-MM Replacement Seal
10	1	P002508	Valve - Hyd Flow Regulator, Pressure Compensated 20 GPM FR08-20F-0-N-0.20
		P002575	Kit - SK08-2N-8 Replacement Seal
11	2	P003051	Fitting - Hyd. Manifold Cavity Plug (#12 2 Way Blocked) (CP12-20-N)
		P002571	Kit - SK12-2N-T Replacement Seal
12	1		Valve - Hyd Solenoid-Type, 5-Way, 3 Position SV10-58C-0-N-00
		P002578	Kit - SK10-5N-MMMM Replacement Seal
13	1 *		Spacer - Hyd #10 E-coil 4539700
14	1 *		Valve - Hyd Relief, Differential Area Poppet, 2200 PSI RV08-22H-0-N-26/22.00
		P002573	Kit - SK08-2N-T Replacement Seal
15	3	P002517	Nut - Coil 7004400
16	1 *	P003051	Fitting - Hyd. Manifold Cavity Plug

(\*) These components only for hydraulic Slide Gate option. Mechanical Slide Gate plug uses (1) P003030, (2) P000788



Manifold - Hydraulic Dual Product Control (P003130) (Hydraulic Slide Gate Only)



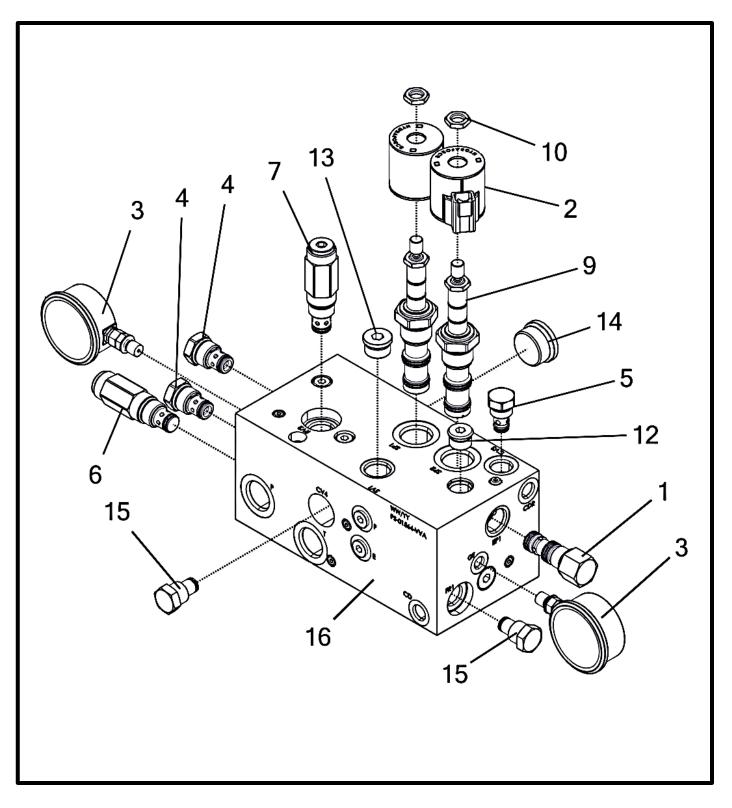


## Manifold - Hydraulic Dual Product Control (P003130) (Hydraulic Slide Gate Only)

Item No.	Qty	Part Number	Description
1	1	P000359	Valve - Hyd #10 Size EP Logic Element, 20 GPM, 80 PSI (EPFR50-S35-0-N-80)
		P002570	Kit - SK10-3N-MM Replacement Seal
2	4	P000361	E-Coil - #10, 12 VDC, Deutsch DT04-2P (4303712)
3	2	P000362	Gauge - Hyd 3000 PSI #4 O-Ring (7/16"-20) (For Manifold P-0352)
		P002581	O-Ring - #4 Buna (4000-04)
4	2	P000904	Valve - Hyd 10 Size Check, 2 Way, 20 GPM, 5PSI CV10-20-0-N-05
		P002572	Kit - SK10-2N-T Replacement Seal
5	1	P000905	Valve - Hyd 8 Size Check, 2 Way, 8 GPM, 25PSI CV08-20-0-N-25
		P002573	Kit - SK08-2N-T Replacement Seal
6	1	P000908	Valve - Hyd 10 Size Relief Differential Poppet 30 GPM, 3000PSI RV10-22H-0-N-35/30
		P002572	Kit - SK10-2N-T Replacement Seal
7	1	P000909	Valve - Hyd 10 Size Relief Differential Poppet 10 GPM, 3000PSI RV10-22H-0N-13/10
		P002572	Kit - SK10-2N-T Replacement Seal
8	1	P002506	Valve - Hyd 8 Size Check, 2 Way, 20 GPM, 4 PSI CV08-20-0-N-4
		P002573	Kit - SK08-2N-T Replacement Seal
9	1	P002507	Valve - Hyd Piloted Spool Type Logic Element 40 PSI EP16-S35-N-40
		P002574	Kit - SK16-3N-MM Replacement Seal
10	1	P002508	Valve - Hyd Flow Regulator, Pressure Compensated 20 GPM FR08-20F-0-N-0.20
		P002575	Kit - SK08-2N-8 Replacement Seal
11	2	P002510	Valve - Hyd #12 Size Proportional Control, 2-Way, NC, HyPerf w/ Manual Override (PWM) (HSPEC12-32AM-0-X-XX)
		P002577	Kit - HSK12-3-U Replacement Seal
12	1	P002511	Valve - Hyd Solenoid-Type, 5-Way, 3 Position SV10-58C-0-N-00
		P002578	Kit - SK10-5N-MMMM Replacement Seal
13	1	P002512	Spacer - Hyd #10 E-coil 4539700
14	1	P002514	Valve - Hyd Relief, Differential Area Poppet, 2200 PSI RV08-22H-0-N-26/22.00
		P002573	Kit - SK08-2N-T Replacement Seal
15	3	P002517	Nut - Coil 7004400
16	1	P003137	Block - Hydraulic Control (PS-01564-VBL-01)



## Manifold - Hydraulic Dual Product Control (P003131) (No Hydraulic Slide Gate)



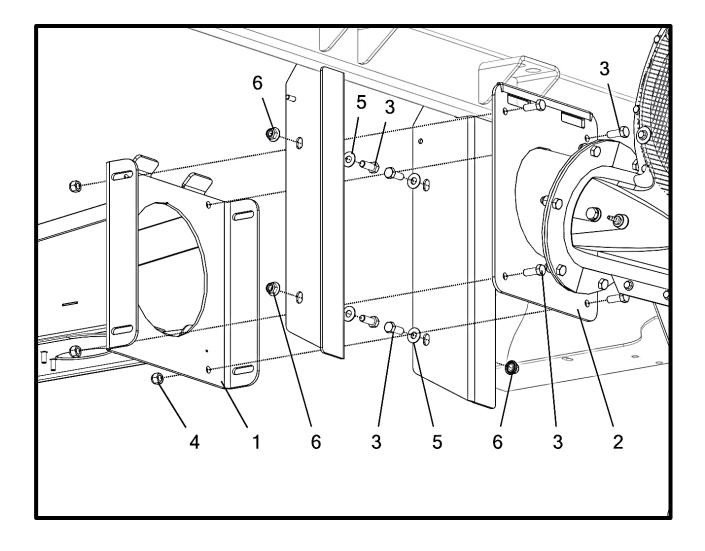


## Manifold - Hydraulic Dual Product Control (P003131) (No Hydraulic Slide Gate)

ltem No.	Qty	Part Number	Description
1	1	P000359	Valve - Hyd #10 Size EP Logic Element, 20 GPM, 80 PSI (EPFR50-S35-0-N-80)
		P002570	Kit - SK10-3N-MM Replacement Seal
2	2	P000361	E-Coil - #10, 12 VDC, Deutsch DT04-2P (4303712)
3	2	P000362	Gauge - Hyd 3000 PSI #4 O-Ring (7/16"-20) (For Manifold P-0352)
		P002581	O-Ring - #4 Buna (4000-04)
4	2	P000904	Valve - Hyd 10 Size Check, 2 Way, 20 GPM, 5PSI CV10-20-0-N-05
		P002572	Kit - SK10-2N-T Replacement Seal
5	1	P000905	Valve - Hyd 8 Size Check, 2 Way, 8 GPM, 25PSI CV08-20-0-N-25
		P002573	Kit - SK08-2N-T Replacement Seal
6	1	P000908	Valve - Hyd 10 Size Relief Differential Poppet 30 GPM, 3000PSI RV10-22H-0-N-35/30
		P002572	Kit - SK10-2N-T Replacement Seal
7	1	P000909	Valve - Hyd 10 Size Relief Differential Poppet 10 GPM, 3000PSI RV10-22H-0N-13/10
		P002572	Kit - SK10-2N-T Replacement Seal
8	9	P002504	Plug - Hyd #2 O-Ring NWD
		P002586	O-Ring - #2 Buna (4000-02)
9	2		Valve - Hyd #12 Size Proportional Control, 2-Way, NC, HyPerf w/ Manual Override (PWM) (HSPEC12-32AM-0-X-XX)
		P002577	Kit - HSK12-3-U Replacement Seal
10	2	P002517	Nut - Coil 7004400
11	3	P002564	Plug - Hyd #6 O-Ring NWD
		P002582	O-Ring - #6 Buna (4000-06)
12	2	P002565	Plug - Hyd #8 O-Ring NWD
		P002583	O-Ring - #8 Buna (4000-08)
13	1	P003030	Plug - Hyd #10 O-Ring 6408-HHP-10
		P002584	O-Ring - #10 Buna (4000-10)
14	1	P003032	Plug - Hyd #16 O-Ring 6408-HHP-16
		P003039	O-Ring - #16 Buna (4000-16)
15	2	P003033	Fitting - Hyd. Manifold Cavity Plug
16	1	P003137	Block - Hydraulic Control (PS-01564-VBL-01)



Fan And Plenum Area





#### Fan And Plenum Area

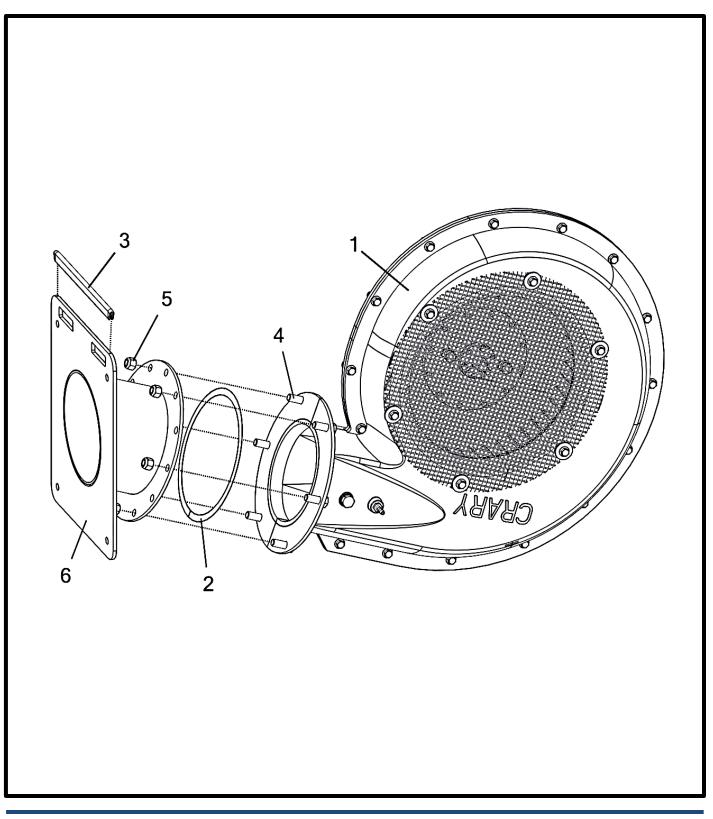
ltem No.	Qty	Part Number	Description
1	1	A002255	Plenum - Sub-Assembly Phantom Gen 2 8 Row (No Tray) (2018+)
2	1	A002265	Fan / Transition - Assembly 6" x 10°
3	8	P000097	Bolt - 3/8-16 x 1 x 1 Hex (F593 304 S/S FB) * †
4	4	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) †
5	4	P000111	Washer - 3/8" Flat (0.875" OD) (18-8 S/S FB) *
6	4	P002225	Nut - 3/8-16 Flange Nylon Lock (18-8 S/S FB) *

(\*) Included in K002221 - Kit - Plenum Mount Hardware Gen 2

(†) Included in K002057 - Kit - Fan Mount Hardware Gen 2



## Fan / Transition Assembly





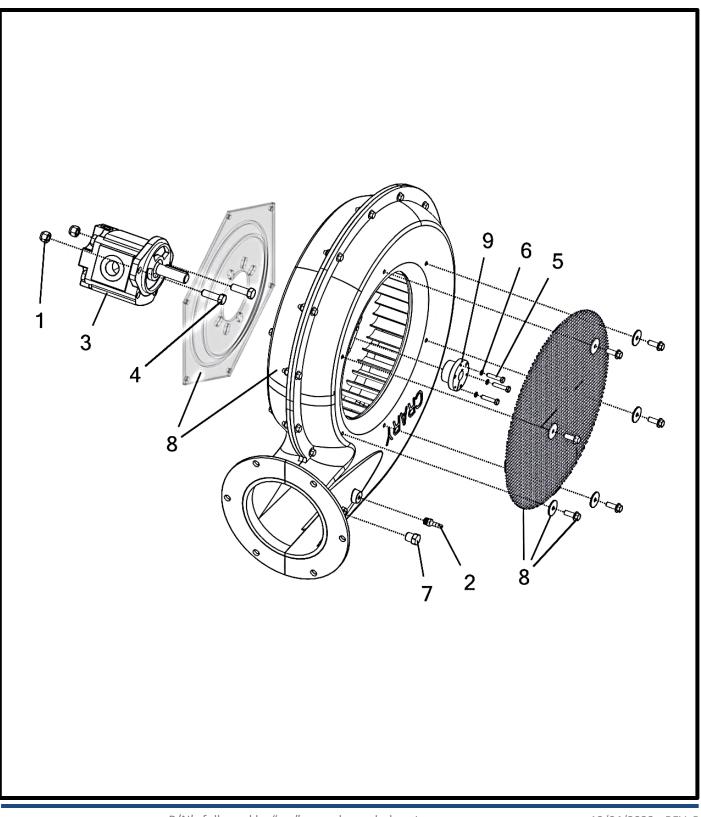
## Fan / Transition Assembly

ltem No.	Qty	Part Number	Description
		A002265	Fan / Transition - Assembly 6" X 10°
1	1	A002266	Fan - Crary 6" Flange Mount CCW w/Motor (2208)
2	1	M002878	Gasket - 6" Fan Transition Seal <b>(P000241 - ¼")</b>
3	1	M003086	Trim - Plenum Transition Plate Edge (9")
4	6	P000039	Bolt - 3/8-16 x 1 x 1 Hex (GR 5 M/S FA) *
5	6	P000057	Nut - 3/8-16 Hex Nylon Lock (GR 5 M/S FA) *
6	1	W002585	Transition - 6" Diameter Fan/Plenum (20° Down) Gen II

(\*) Included in K002093 - Kit - Fan / Transition



## Fan Assembly w/Motor







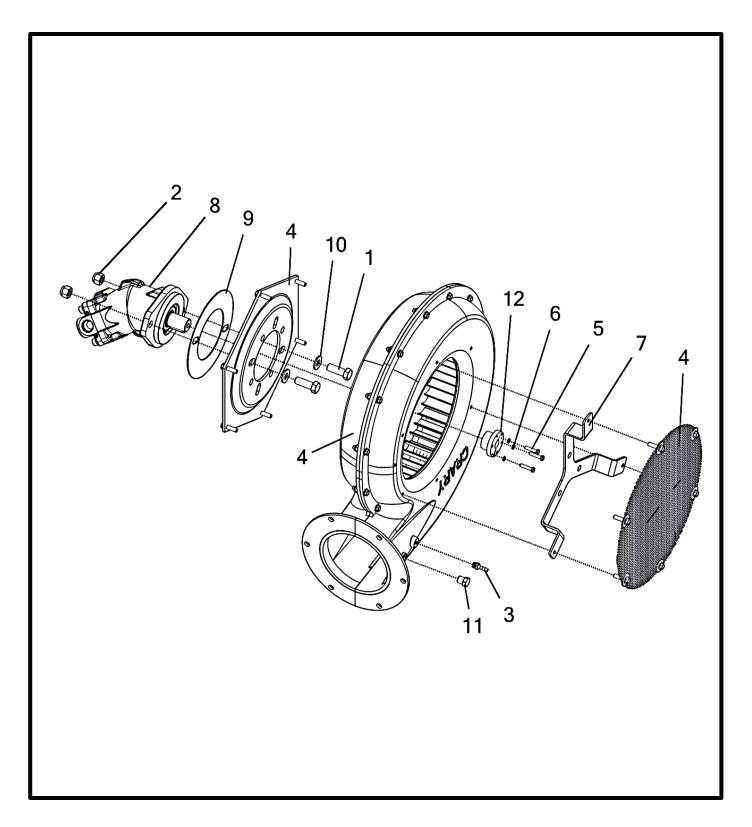
## Fan Assembly w/Motor

ltem No.	Qty	Part Number	Description		
		A002266	Fan - Crary 6" Flange Mount CCW w/Motor (2208)		
1	2	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB)		
2	1	P000125	Fitting - Air - 3/16" Hose Barb x 1/8 NPT		
3	1	P000306	Motor - Parker 8 &12 Row Fan (313) 334-9219-313		
4	2	P000416	Bolt - 3/8-16 x 1.25 x 1 Hex (F593 304 S/S FB)		
5	3	P002699	Screw - #10-24 x 1 Machine Hex Head (GR 5 M/S FG) *		
6	3	P002700	Washer - #10 Split Lock (0.334" OD) (GR 5 M/S FG) *		
7	1	P002898	Fitting - 1/4-18 NPT Nylon Plastic Plug		
8	1	P002906	Fan - Crary 6" Flange Mount CCW (SAE A) (52075)		
9	1	P002909	Bushing - QD Taper Lock JA x .625" Bore x .1875" Keyway (Purchased)		

(\*) Included in K002140 - Kit - Fan Hub Hardware (QD Bushing) (JA)



# Fan Assembly w/High Speed Motor





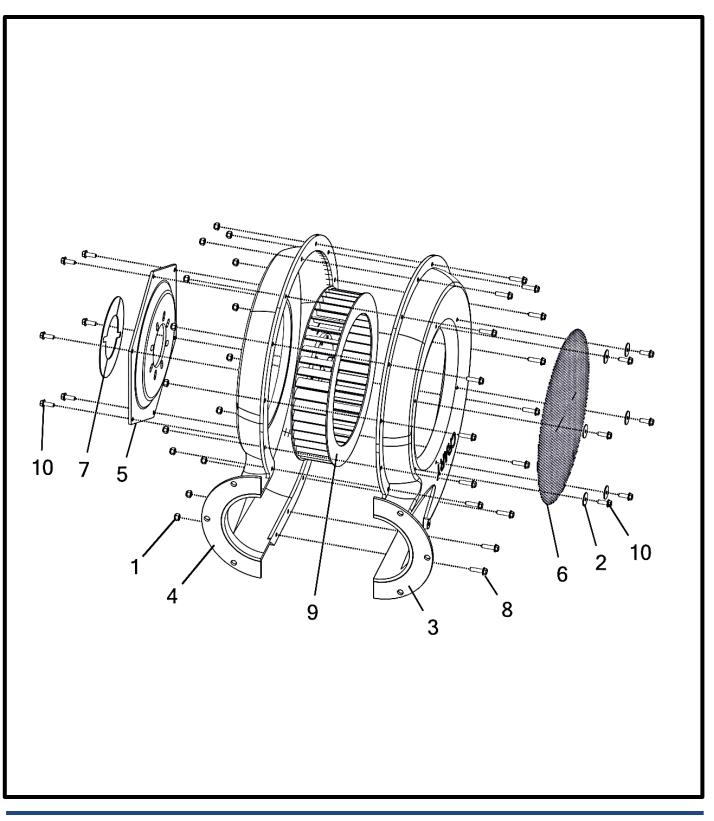
## Fan Assembly w/High Speed Motor

ltem No.	Qty	Part Number	Description
		A002598	Fan - Crary 6" Flange Mount CCW w/ High Speed Motor (2X08)
1	2	P000041	Bolt - 1/2-13 x 1.5 x 1.25 Hex (GR 5 M/S FA)
2	2	P000058	Nut - 1/2-13 Hex Nylon Lock (GR 5 M/S FA)
3	1	P000125	Fitting - Air - 3/16" Hose Barb x 1/8 NPT
4	1	P002494	Fan - Crary 6" Flange Mount CCW (50145)
5	3	P002699	Screw - #10-24 x 1 Machine Hex Head (GR 5 M/S FG) *
6	3	P002700	Washer - #10 Split Lock (0.334" OD) (GR 5 M/S FG) *
7	1	P002733	Bracket - 6" Crary Fan Speed Sensor Mount
8	1	P002755	Motor - Hyd. Piston Bent Axis 12 C/C, SAE B (51722-00)
9	1	P002758	Plate - Fan Motor Seal (2B) Crary 6" (23907)
10	2	P002889	Washer - 1/2" SAE Flat (1.062" OD) (GR 5 M/S FA)
11	1	P002898	Fitting - 1/4-18 NPT Nylon Plastic Plug
12	1	P002909	Bushing - QD Taper Lock JA x .625" Bore x .1875" Keyway (Purchased)

(\*) Included in K002140 - Kit - Fan Hub Hardware (QD Bushing) (JA)



## Fan Housing Assembly





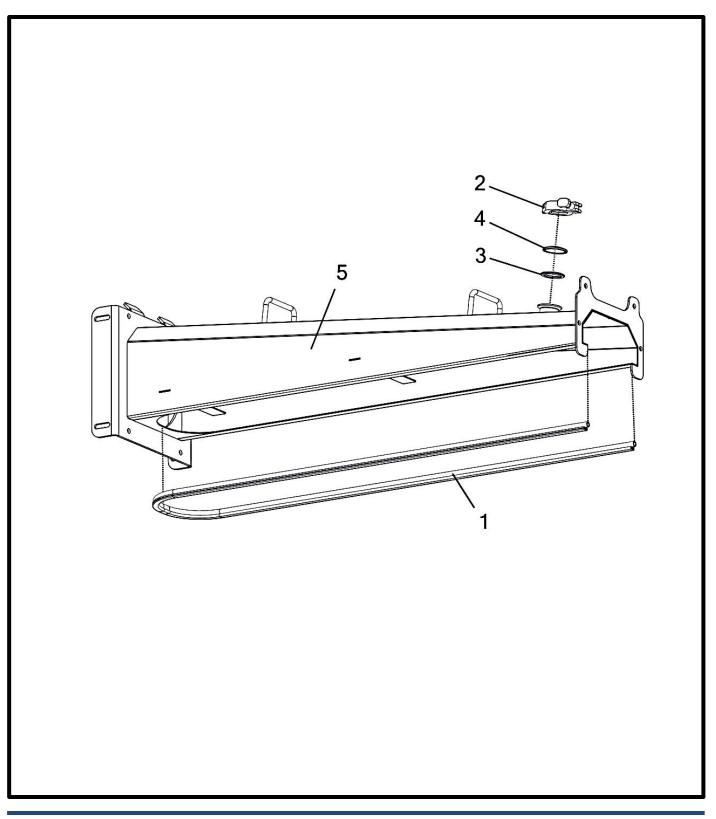


#### **Fan Housing Assembly**

ltem No.	Qty	Part Number	Description	
		P002906	Fan - Crary 6" Flange Mount CCW (SAE A) (52075)	
1	15	P000056	Nut - 1/4-20 Hex Nylon Lock (GR 5 M/S FA)	
2	6	P000108	Washer - 1/4" Fender (1" OD) (18-8 S/S FB)	
3	1	P002529	Housing - Crary 6" Flange Mount (LH) (51463-00)	
4	1	P002530	Housing - Crary 6" Flange Mount (RH) (54327-00)	
5	1	P002531	Plate - Fan Motor Mount Crary 6" (23318-12)	
6	1	P002532	Screen - Crary 6" Fan Inlet (20002)	
7	1	P002533	Plate - Fan Motor Seal (2A) Crary (24973-12)	
8	15	P002534	Bolt - 1/4-20 x 1 x 1 Flange (GR 5 M/S FA)	
9	1	P002834	Fan - Crary 6" Impeller CCW, JA Hub (22830) (w/Hardware)	
10	12	P002955	Bolt - 1/4-20 x 0.75 x 0.75 Flange (GR 5 M/S FA)	



#### Plenum



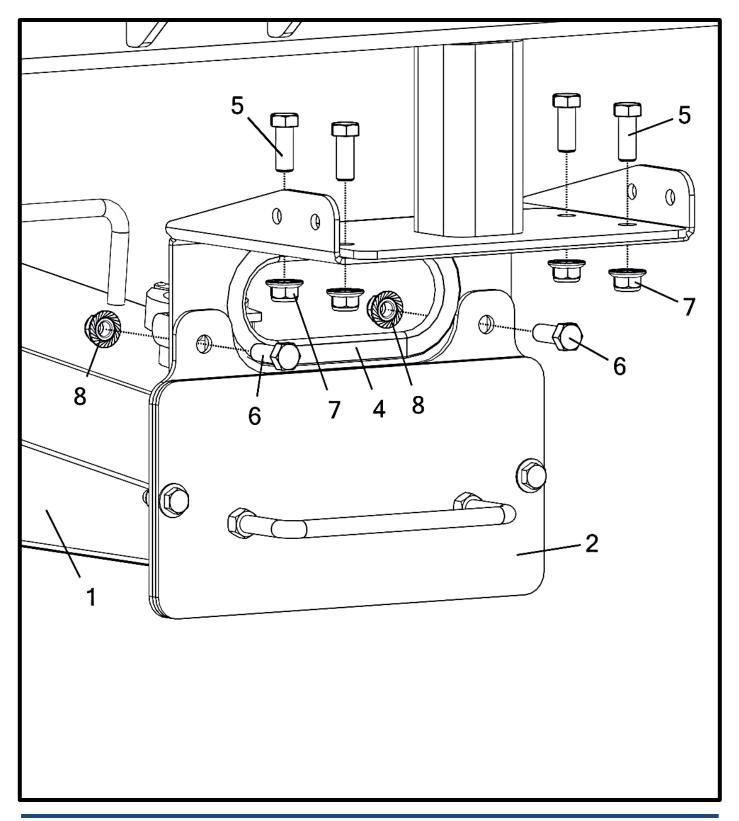


#### Plenum

ltem No.	Qty	Part Number	Description
		A002254	Plenum - 8 Row Gen 2 Housing Assembly (2018+)
1	1	M003204	Seal - Plenum Edge Grip 8 Row Gen 2
2	1	P002252	Clamp- 1-1/2" Sanitary Fitting
3	1	P002257	Gasket - 1-1/2" Sanitary O-Ring Flange
4	1	P002258	Cap- 1" To 1 1/2" Sanitary Quick Clamp
5	1	W002570	Plenum - 8 Row Weldment (2018+)



#### **Rear Plenum Area**





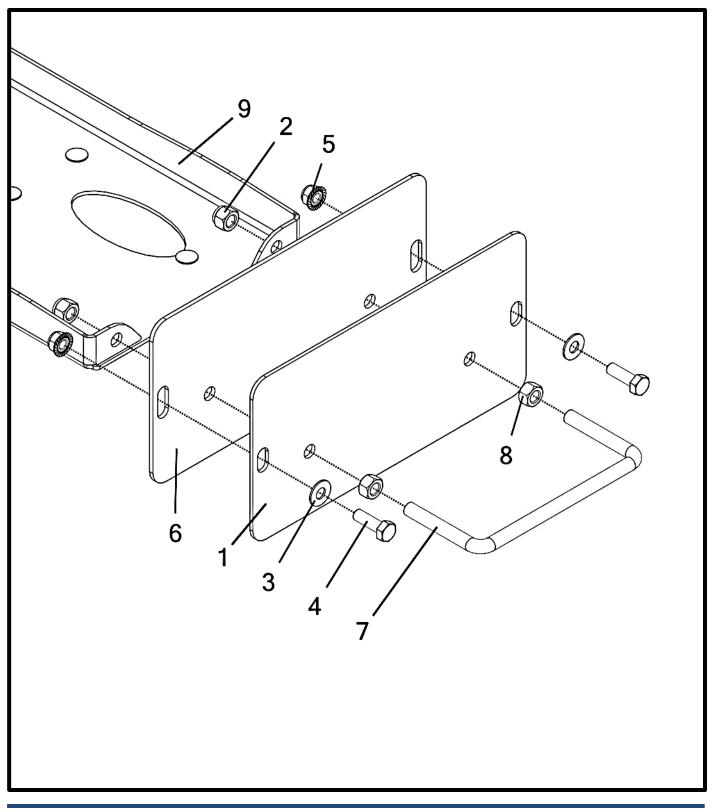
#### **Rear Plenum Area**

ltem No.	Qty	Part Number	Description
		A002255	Plenum - Sub-Assembly Phantom Gen 2 8 Row (No Tray) (2018+)
1	1	A002254	Plenum - 8 Row Gen 2 Housing Assembly (2018+)
2	1	A002256	Plenum - Sub-Assembly Tray Gen 2 8 Row (2018+) (Opposite Fan Side)
3	1	M002112	Bracket - Rear Plenum Mount Gen 2
4	1	M003068	Trim - Plenum Rear Mount Bracket
5	4	P000039	Bolt - 3/8-16 x 1 x 1 Hex (GR 5 M/S FA) *
6	2	P000097	Bolt - 3/8-16 x 1 x 1 Hex (F593 304 S/S FB) *
7	4	P002205	Nut - 3/8-16 Flange Nylon Lock (GR 5 M/S FA) *
8	2	P002225	Nut - 3/8-16 Flange Nylon Lock (18-8 S/S FB) *

(\*) Included in K002221 - Kit - Plenum Mount Hardware Gen 2



#### **Plenum Tray**

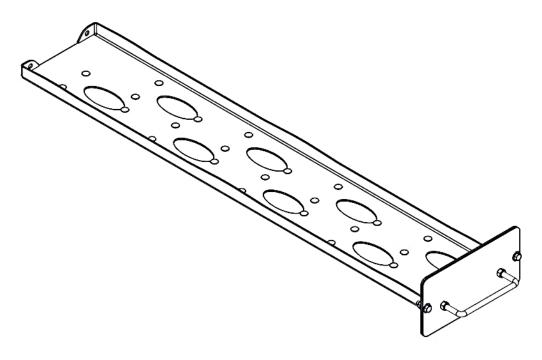




#### **Plenum Tray**

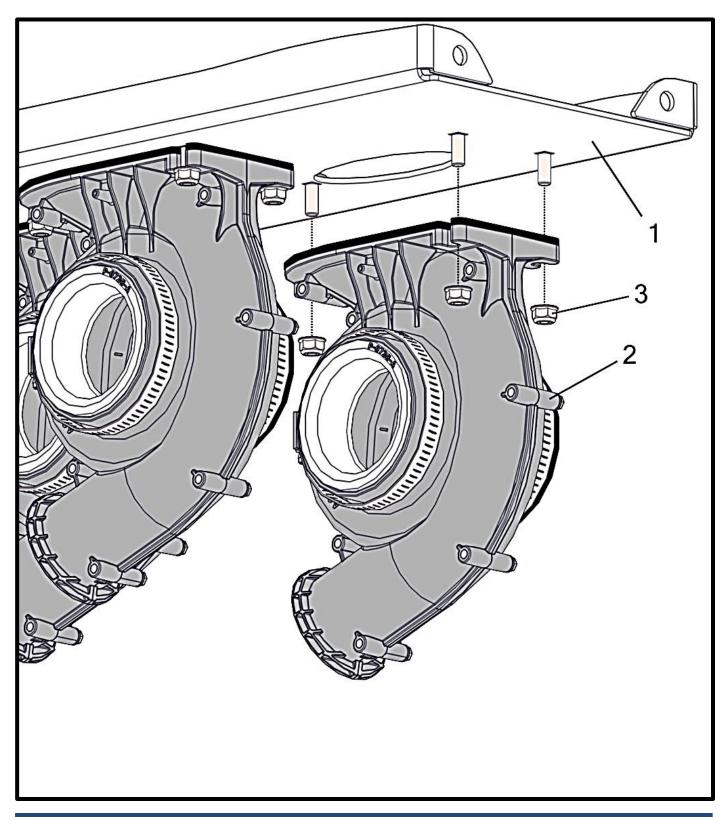
ltem No.	Qty	Part Number	Description	
		A002256	Plenum - Sub-Assembly Tray Gen 2 8 Row (2018+) (Reversible)	
1	1	M003209	Plate - Plenum Slide End (Reversible Tray)	
2	2	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) *	
3	2	P000109	Washer - 5/16" Flat (0.75" OD) (18-8 S/S FB) *	
4	2	P000711	Bolt - 5/16-18 x 1 x 0.875 Hex (F593 304 S/S FB) *	
5	2	P002224	Nut - 5/16-18 Flange Nylon Lock (18-8 S/S FB) *	
6	1	P002842	Gasket - Plenum Tray Seal (Reversible Tray)	
7	1	P002851	U-Bolt - 3/8-16 x 3-5/8 x 1-15/16 Square (18-8 S/S FB)	
8	2	P002852	Nut - 3/8-16 Hex (18-8 S/S FB) *	
9	1	W002574	Tray - Reversible Plenum Gen 2 8 Row	

(\*) Included in K002208 - Kit - Gen 2 Reversible Tray Assembly Hardware





## **Plenum Tray Assembly**

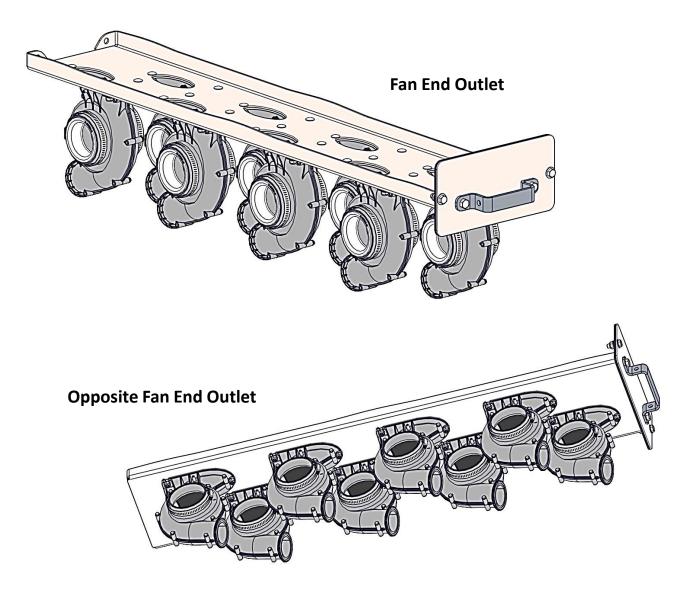




#### **Plenum Tray Assembly**

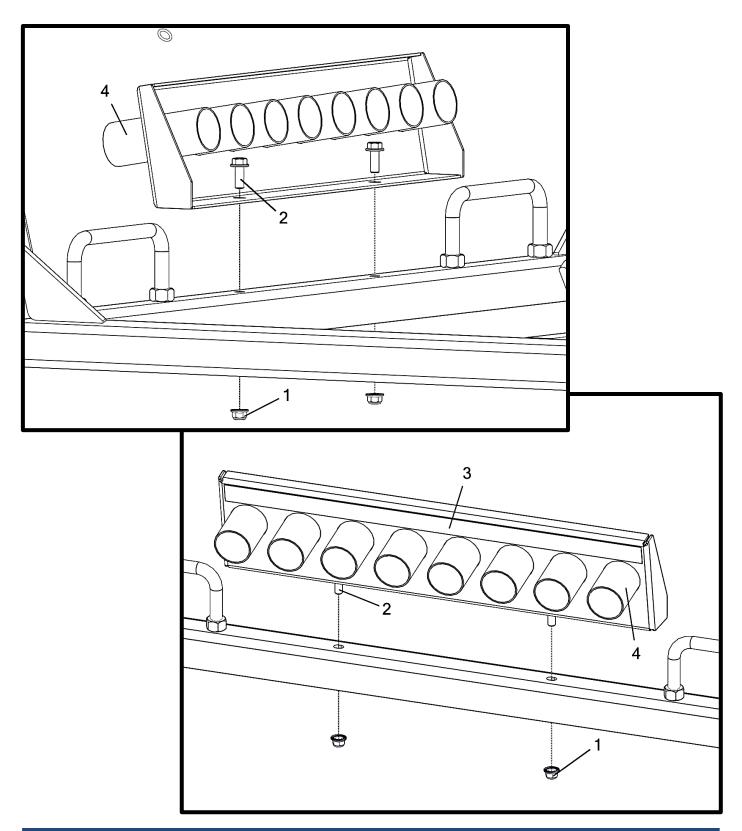
ltem No.	Qty	Part Number	Description
1	1	A002256	Plenum - Sub-Assembly Tray 2208 (2018+) (Reversible)
2	8	A002014	Air Chamber - Gen II Bolt-On
3	24	P002291	Nut - 1/4-20 Flange Nylon Lock (18-8 S/S FB)

(\*) Included in K002208 - Kit - Gen 2 Reversible Tray Assembly Hardware





## Air Hose Manifold



P/N's followed by "\_\_" are color coded parts. Color codes: AA = Black Paint, ZZ = Gray, ZY = Yellow, ZX = White See inside front cover for details.



#### Air Hose Manifold

ltem No.	Qty	Part Number	Description
		A002485	Manifold - Air Hose Sub-Assembly Gen 2 8 Row (Non-Fan End)
1	2	P002225	Nut - 3/8-16 Flange Nylon Lock (18-8 S/S FB) *
2	2	P002541	Bolt - 3/8-16 x 1 x 1 Flange (18-8 S/S FB) *
3	1	P003026	Decal - Hose Manifold Label Gen 2 8 Row (Non-Fan End)
		P002899	Decal - Hose Manifold Label Gen 2 8 Row (Not Shown)
4	1	W002589	Manifold - 8 Hole Hose Single Row

(\*) Included in K002210 - Kit - Air Hose Manifold Mount Hardware Gen 2 8 Row



P003026 - Decal - Hose Manifold Label Gen 2 8 Row (Non-Fan End) (Used if the Manifold is on the **opposite** end of the machine as the fan.)

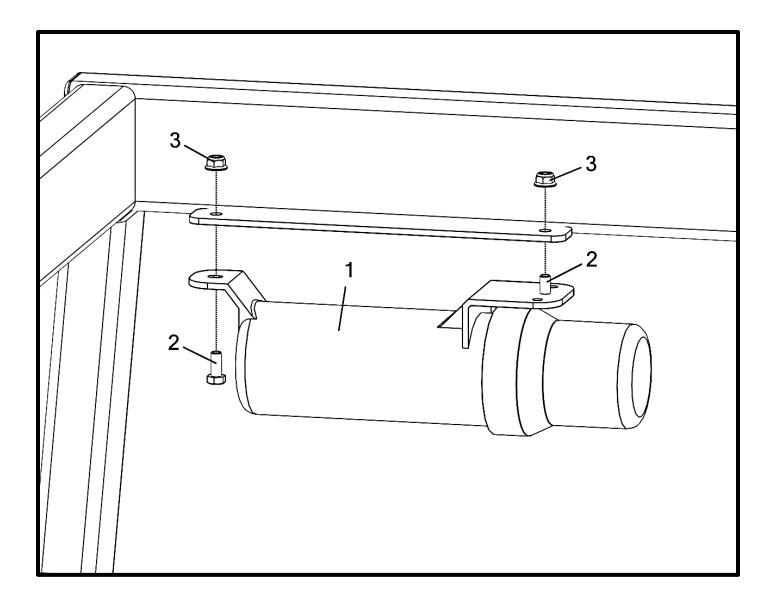
РОСАНТОА	F	D	В	Α	С	Ε	G

P002899 - Decal - Hose Manifold Label Gen 2 8 Row

(Used if the Manifold is on the **same** end of the machine as the fan. This also requires Tank Row Label decals (2) P002170 and (2) P002171 locations to be reversed.)



#### **Manual Holder**





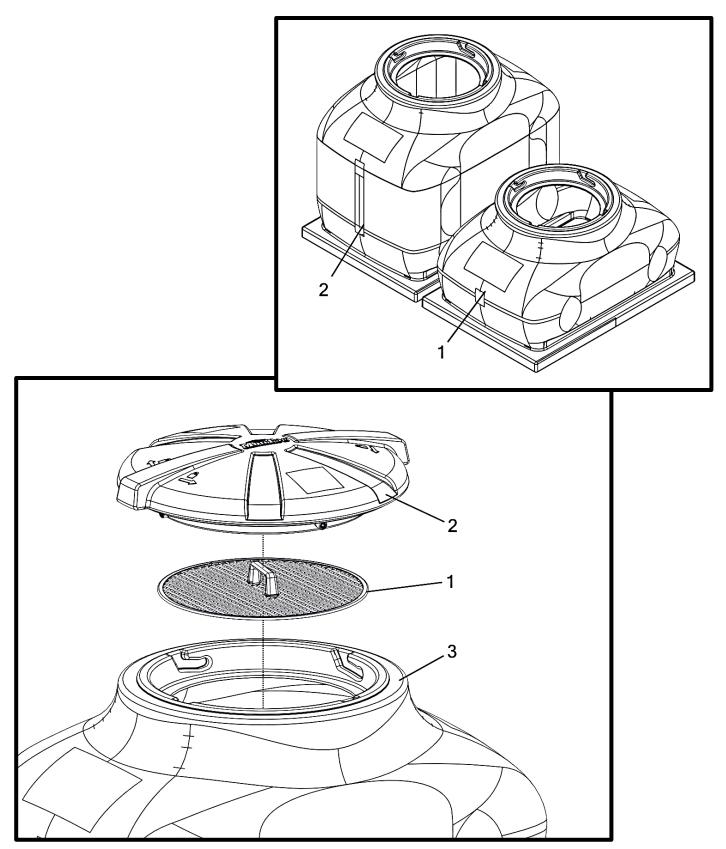
#### **Manual Holder**

ltem No.	Qty	Part Number	Description
1	1	P000317	Holder - Instruction Manual
2	2	P000318	Bolt - 5/16-18 x 0.75 x 0.75 Hex (GR 5 M/S FA) *
3	2	P002217	Nut - 5/16-18 Flange Nylon Lock (GR 5 M/S FA) *

(\*) Included in K002091 - Kit - Instruction Manual Holder Mount Hardware



## **Poly Tanks And Lid Area**





## **Poly Tanks**

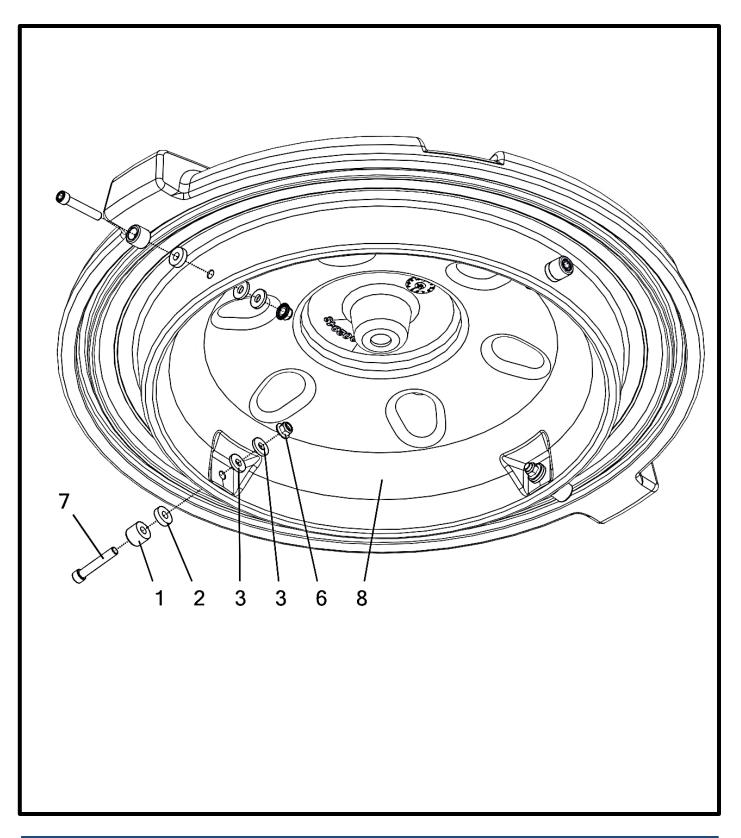
ltem No.	Qty	Part Number	Description
1	1	P002902	Tank - 2208 30 Cu. Ft. Poly
2	1	P002912	Tank - 2208 50 Cu. Ft. Poly

#### Lid Area

ltem No.	Qty	Part Number	Description
1	1	A002275	Screen - Gen 2 8 Row (3/4" C/C) (2018+)
2	1	A002276	Lid - Complete 2208 Poly Tank
3	1	P002902	Tank - 2208 30 Cu. Ft. Poly



### **Tank Lid Assembly**







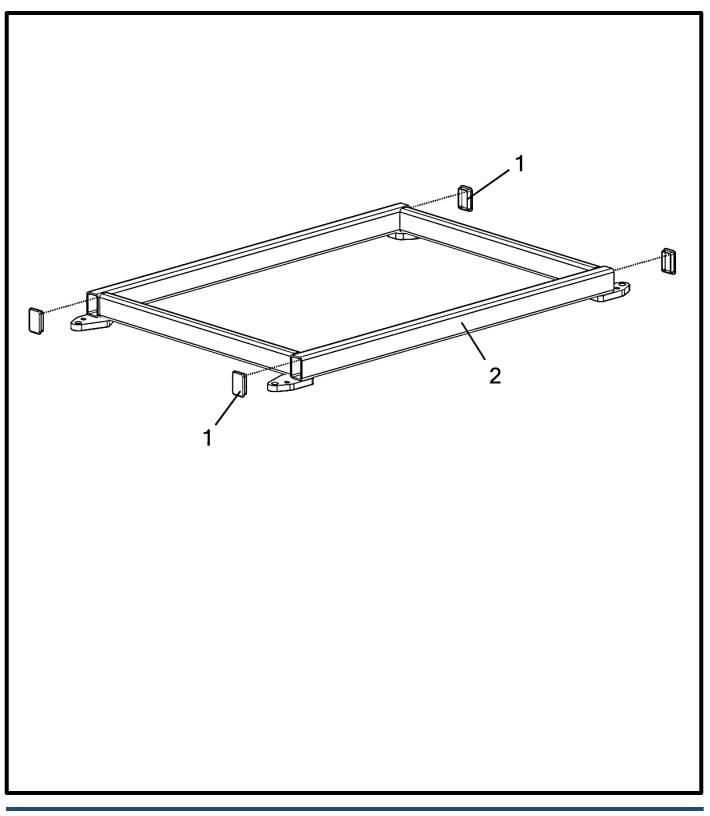
## **Tank Lid Assembly**

ltem No.	Qty	Part Number	Description
		A002276	Lid - Complete 2208 Poly Tank
1	4	M003321	Lug - Gen 2 8 Row Lid
2	4	M003322	Bushing - Lid Lug Gen 2 8 Row (1/4")
3	8	M003323	Bushing - Lid Lug Gen 2 8 Row (1/8")
4	1	M003328	Lanyard - 2208 Lid Tether (Rope) (30")
5	1	M003330	Seal - 2208 Poly Tank Lid
6	4	P002225	Nut - 3/8-16 Flange Nylon Lock (18-8 S/S FB) *
7	4	P002942	Bolt - 3/8-16 x 2.25 x 1 Socket Head (18-8 S/S FB) *
8	1	P002943	Lid - 2208 Poly Tank

(\*) Included in K002259 - Kit - 2208 Poly Lid Lug Hardware



#### **Tank Rings**



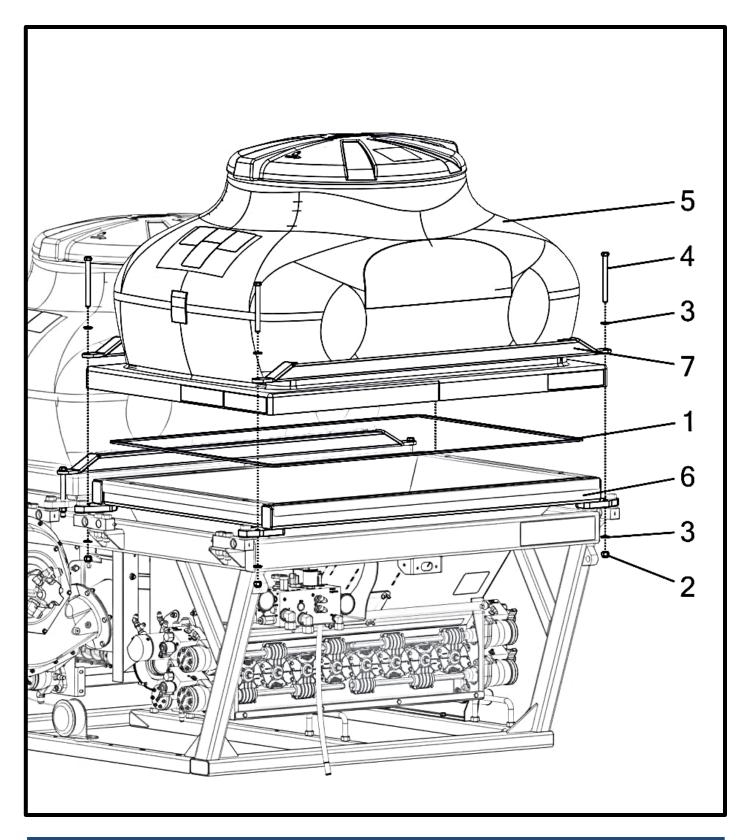


## **Tank Rings**

ltem No.	Qty	Part Number	Description
1	4	P002204	Cap - 3" x 2" Plastic (6-8 Ga)
2	1	W002568	Frame - Poly Tank Mount Gen 2 8 Row



#### **Tank To Meter**





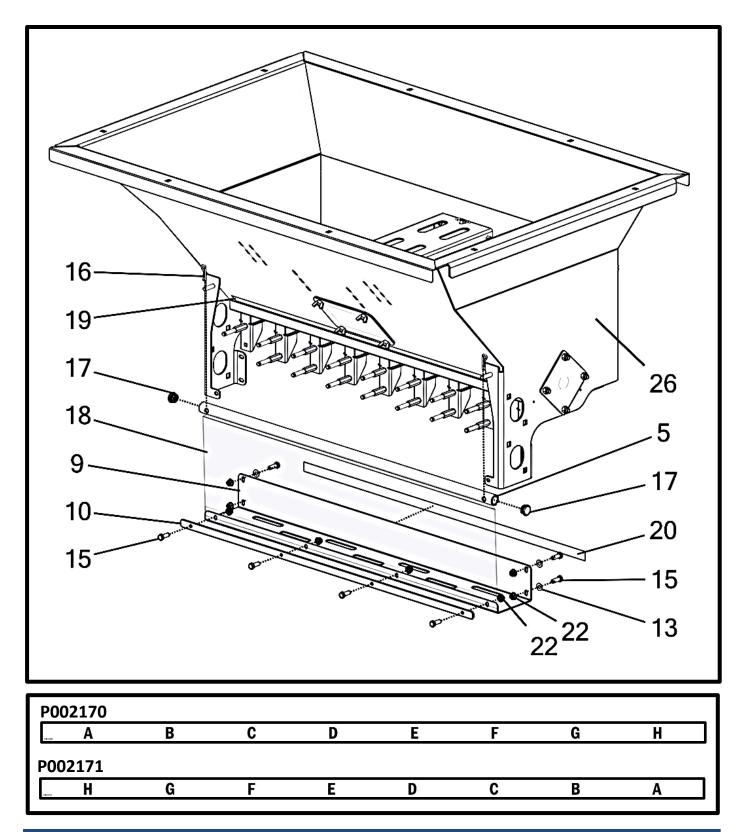
#### **Tank To Meter**

ltem No.	Qty	Part Number	Description
1	1	M003200	Seal - Tank To Meter Gen 2 8 Row (2018+) <b>(R0184)</b>
2	8	P000058	Nut - 1/2-13 Hex Nylon Lock (GR 5 M/S FA) *
3	16	P002889	Washer - 1/2" SAE Flat (1.062" OD) (GR 5 M/S FA) *
4	8	P002890	Bolt - 1/2-13 x 6 x 1.25 Hex (GR 5 M/S FA) *
5	1	P002902	Tank - 2208 30 Cu. Ft. Poly
6	2	W002568	Frame - Poly Tank Mount Gen 2 8 Row
7	4	W002593	Bracket - Poly Tank Clamp Gen 2 8 Row

(\*) Included in K002211 - Kit - Tank Tube Mount Hardware Gen 2 8 Row









## Trough – Shield and Bracket (LH and RH<sup>+</sup>)

ltem No.	Qty	Part Number	Description
	1	A002251	Meter - Gen 2 2208 Assembly (LH) (2018+)
	1	A002253	Meter - Gen 2 2208 Assembly (RH) (2018+)
1	1	A002148	Cover - Slide Gate Cylinder Hole Plate w/ Gasket
2	1	A002257	Cover - Clean Out Door W/Gasket (Gen 2)
3	6	M002105	Block - UHMW Slide Gate Retainer
4	16	M002186	Pin - 1/2" Hex 3/8" Gearbox
5	1	M002440	Tube - Shield Tarp Gen 2 8 Row
6	4	M002447	Tape - 1/2" x 1/16" UHMW Slide Gate 8 Row
7	1	M002552	Support - Inner Tank Trough
8	1	M002574	Pin - Trough Support Hinge
9	1	M003198	Bracket - Tarp Guard Mounting Gen 2 8 Row (2018+)
10	1	M003199	Plate - Vinyl Tarp Shield Gen 2 8 Row (2018+)
11	4	P000098	Bolt - 3/8-16 x 1 x 1 Carriage (F593 304 S/S FB)
12	4	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB)
13	4	P000109*	Washer - 5/16" Flat (0.75" OD) (18-8 S/S FB)
14	16	P000527	Bolt - 5/16-18 x 0.75 x 0.75 Carriage (F593 304 S/S FB)
15	8	P000711*	Bolt - 5/16-18 x 1 x 0.875 Hex (F593 304 S/S FB)
16	2	P002007	Hairpin Clip - 3/8" x 1 5/8" S/S
17	2	P002055	Cap - 3/4" Plastic Pipe
18	1	P002157	Tarp - Clear Vinyl Shield Gen 2 8 Row
19	1	P002170	Decal - Tank Row Label 8 Row (A-H)
20	1	P002171	Decal - Tank Row Label 8 Row (H-A)
21	2	P002215	Retainer - 3/8" E-Clip
22	8	P002224*	Nut - 5/16-18 Flange Nylon Lock (18-8 S/S FB)
23	7	P002255	Pin - Hairpin Bowtie 3/8" x 3/32" x 1 7/8"
24	4	P002854	Nut - 5/16-18 Wing (Nylon 6/6 FB)
25	1	W002286	Slide Gate - 8 Row
26	1	W002567	Trough - Gen 2 2208 Meter (2018+)

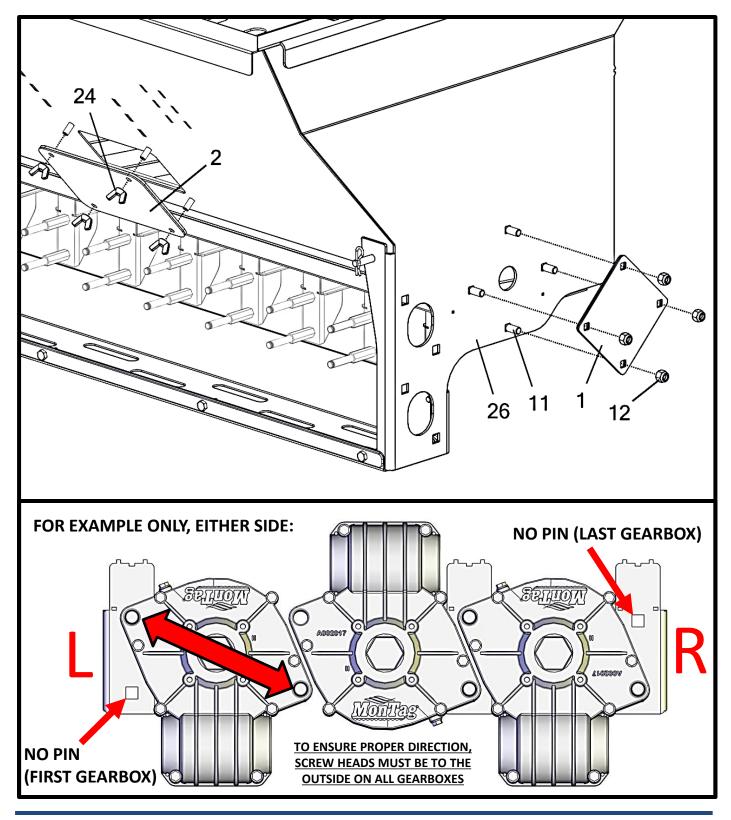
(\*) Included in K002543 - Kit - Gen 2 2X08 Trough Hardware

(†) Left and Right sides are identical except for the placement of the following:

- Slide Gate Cylinder Hole Covers (Item 1) Must be opposite fan end.
- Gearbox Pins (Item 4) On either side, higher pin for each gearbox is to the left.
- Row Label Decals (Items 19 & 20) Letter 'A' will always be on the fan end.



Trough - Non-Cylinder End (LH and RH<sup>+</sup>)





## Trough - Non-Cylinder End (LH and RH<sup>+</sup>)

ltem No.	Qty	Part Number	Description
	1	A002251	Meter - Gen 2 2208 Assembly (LH) (2018+)
	1	A002253	Meter - Gen 2 2208 Assembly (RH) (2018+)
1	1	A002148	Cover - Slide Gate Cylinder Hole Plate w/ Gasket
2	1	A002257	Cover - Clean Out Door W/Gasket (Gen 2)
3	6	M002105	Block - UHMW Slide Gate Retainer
4	16	M002186	Pin - 1/2" Hex 3/8" Gearbox
5	1	M002440	Tube - Shield Tarp Gen 2 8 Row
6	4	M002447	Tape - 1/2" x 1/16" UHMW Slide Gate 8 Row
7	1	M002552	Support - Inner Tank Trough
8	1	M002574	Pin - Trough Support Hinge
9	1	M003198	Bracket - Tarp Guard Mounting Gen 2 8 Row (2018+)
10	1	M003199	Plate - Vinyl Tarp Shield Gen 2 8 Row (2018+)
11	4	P000098	Bolt - 3/8-16 x 1 x 1 Carriage (F593 304 S/S FB)
12	4	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB)
13	4	P000109*	Washer - 5/16" Flat (0.75" OD) (18-8 S/S FB)
14	16	P000527	Bolt - 5/16-18 x 0.75 x 0.75 Carriage (F593 304 S/S FB)
15	8	P000711*	Bolt - 5/16-18 x 1 x 0.875 Hex (F593 304 S/S FB)
16	2	P002007	Hairpin Clip - 3/8" x 1 5/8" S/S
17	2	P002055	Cap - 3/4" Plastic Pipe
18	1	P002157	Tarp - Clear Vinyl Shield Gen 2 8 Row
19	1	P002170	Decal - Tank Row Label 8 Row (A-H)
20	1	P002171	Decal - Tank Row Label 8 Row (H-A)
21	2	P002215	Retainer - 3/8" E-Clip
22	8	P002224*	Nut - 5/16-18 Flange Nylon Lock (18-8 S/S FB)
23	7	P002255	Pin - Hairpin Bowtie 3/8" x 3/32" x 1 7/8"
24	4	P002854	Nut - 5/16-18 Wing (Nylon 6/6 FB)
25	1	W002286	Slide Gate - 8 Row
26	1	W002567	Trough - Gen 2 2208 Meter (2018+)

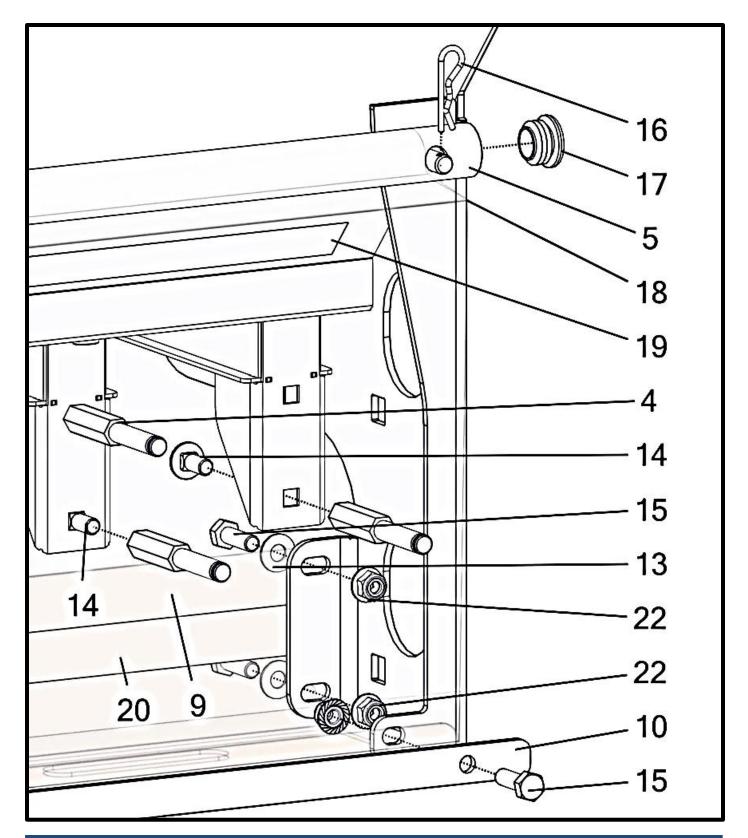
(\*) Included in K002543 - Kit - Gen 2 2X08 Trough Hardware

(†) Left and Right sides are identical except for the placement of the following:

- Slide Gate Cylinder Hole Covers (Item 1) Must be opposite fan end.
- Gearbox Pins (Item 4) On either side, higher pin for each gearbox is to the left.
- Row Label Decals (Items 19 & 20) Letter 'A' will always be on the fan end.









## Trough - Hanger And Bracket (LH and RH<sup>+</sup>)

ltem No.	Qty	Part Number	Description
	1	A002251	Meter - Gen 2 2208 Assembly (LH) (2018+)
	1	A002253	Meter - Gen 2 2208 Assembly (RH) (2018+)
1	1	A002148	Cover - Slide Gate Cylinder Hole Plate w/ Gasket
2	1	A002257	Cover - Clean Out Door W/Gasket (Gen 2)
3	6	M002105	Block - UHMW Slide Gate Retainer
4	16	M002186	Pin - 1/2" Hex 3/8" Gearbox
5	1	M002440	Tube - Shield Tarp Gen 2 8 Row
6	4	M002447	Tape - 1/2" x 1/16" UHMW Slide Gate 8 Row
7	1	M002552	Support - Inner Tank Trough
8	1	M002574	Pin - Trough Support Hinge
9	1	M003198	Bracket - Tarp Guard Mounting Gen 2 8 Row (2018+)
10	1	M003199	Plate - Vinyl Tarp Shield Gen 2 8 Row (2018+)
11	4	P000098	Bolt - 3/8-16 x 1 x 1 Carriage (F593 304 S/S FB)
12	4	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB)
13	4	P000109*	Washer - 5/16" Flat (0.75" OD) (18-8 S/S FB)
14	16	P000527	Bolt - 5/16-18 x 0.75 x 0.75 Carriage (F593 304 S/S FB)
15	8	P000711*	Bolt - 5/16-18 x 1 x 0.875 Hex (F593 304 S/S FB)
16	2	P002007	Hairpin Clip - 3/8" x 1 5/8" S/S
17	2	P002055	Cap - 3/4" Plastic Pipe
18	1	P002157	Tarp - Clear Vinyl Shield Gen 2 8 Row
19	1	P002170	Decal - Tank Row Label 8 Row (A-H)
20	1	P002171	Decal - Tank Row Label 8 Row (H-A)
21	2	P002215	Retainer - 3/8" E-Clip
22	8	P002224*	Nut - 5/16-18 Flange Nylon Lock (18-8 S/S FB)
23	7	P002255	Pin - Hairpin Bowtie 3/8" x 3/32" x 1 7/8"
24	4	P002854	Nut - 5/16-18 Wing (Nylon 6/6 FB)
25	1	W002286	Slide Gate - 8 Row
26	1	W002567	Trough - Gen 2 2208 Meter (2018+)

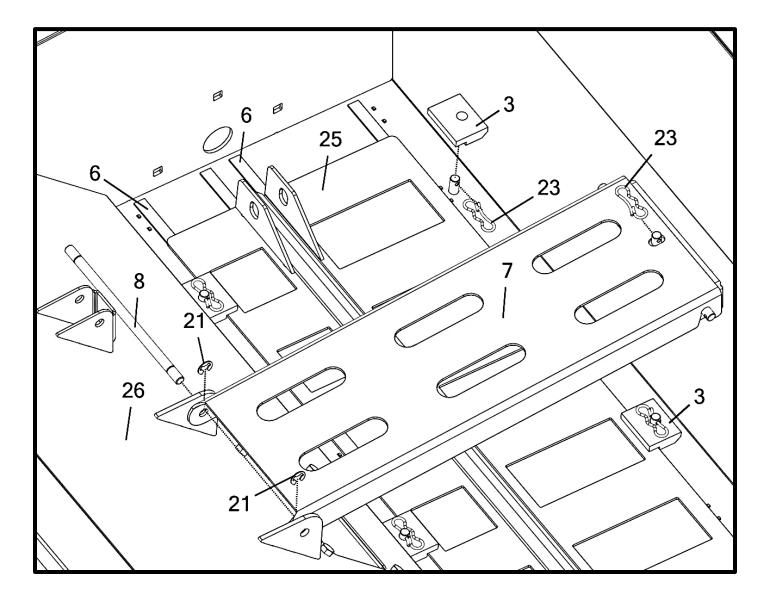
(\*) Included in K002543 - Kit - Gen 2 2X08 Trough Hardware

(†) Left and Right sides are identical except for the placement of the following:

- Slide Gate Cylinder Hole Covers (Item 1) Must be opposite fan end.
- Gearbox Pins (Item 4) On either side, higher pin for each gearbox is to the left.
- Row Label Decals (Items 19 & 20) Letter 'A' will always be on the fan end.



Trough - Slide Gate And Trough Support (LH and RH<sup>+</sup>)





#### Trough - Slide Gate And Trough Support (LH and RH<sup>+</sup>)

ltem No.	Qty	Part Number	Description
	1	A002251	Meter - Gen 2 2208 Assembly (LH) (2018+)
	1	A002253	Meter - Gen 2 2208 Assembly (RH) (2018+)
1	1	A002148	Cover - Slide Gate Cylinder Hole Plate w/ Gasket
2	1	A002257	Cover - Clean Out Door W/Gasket (Gen 2)
3	6	M002105	Block - UHMW Slide Gate Retainer
4	16	M002186	Pin - 1/2" Hex 3/8" Gearbox
5	1	M002440	Tube - Shield Tarp Gen 2 8 Row
6	4	M002447	Tape - 1/2" x 1/16" UHMW Slide Gate 8 Row
7	1	M002552	Support - Inner Tank Trough
8	1	M002574	Pin - Trough Support Hinge
9	1	M003198	Bracket - Tarp Guard Mounting Gen 2 8 Row (2018+)
10	1	M003199	Plate - Vinyl Tarp Shield Gen 2 8 Row (2018+)
11	4	P000098	Bolt - 3/8-16 x 1 x 1 Carriage (F593 304 S/S FB)
12	4	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB)
13	4	P000109*	Washer - 5/16" Flat (0.75" OD) (18-8 S/S FB)
14	16	P000527	Bolt - 5/16-18 x 0.75 x 0.75 Carriage (F593 304 S/S FB)
15	8	P000711*	Bolt - 5/16-18 x 1 x 0.875 Hex (F593 304 S/S FB)
16	2	P002007	Hairpin Clip - 3/8" x 1 5/8" S/S
17	2	P002055	Cap - 3/4" Plastic Pipe
18	1	P002157	Tarp - Clear Vinyl Shield Gen 2 8 Row
19	1	P002170	Decal - Tank Row Label 8 Row (A-H)
20	1	P002171	Decal - Tank Row Label 8 Row (H-A)
21	2	P002215	Retainer - 3/8" E-Clip
22	8	P002224*	Nut - 5/16-18 Flange Nylon Lock (18-8 S/S FB)
23	7	P002255	Pin - Hairpin Bowtie 3/8" x 3/32" x 1 7/8"
24	4	P002854	Nut - 5/16-18 Wing (Nylon 6/6 FB)
25	1	W002286	Slide Gate - 8 Row
26	1	W002567	Trough - Gen 2 2208 Meter (2018+)

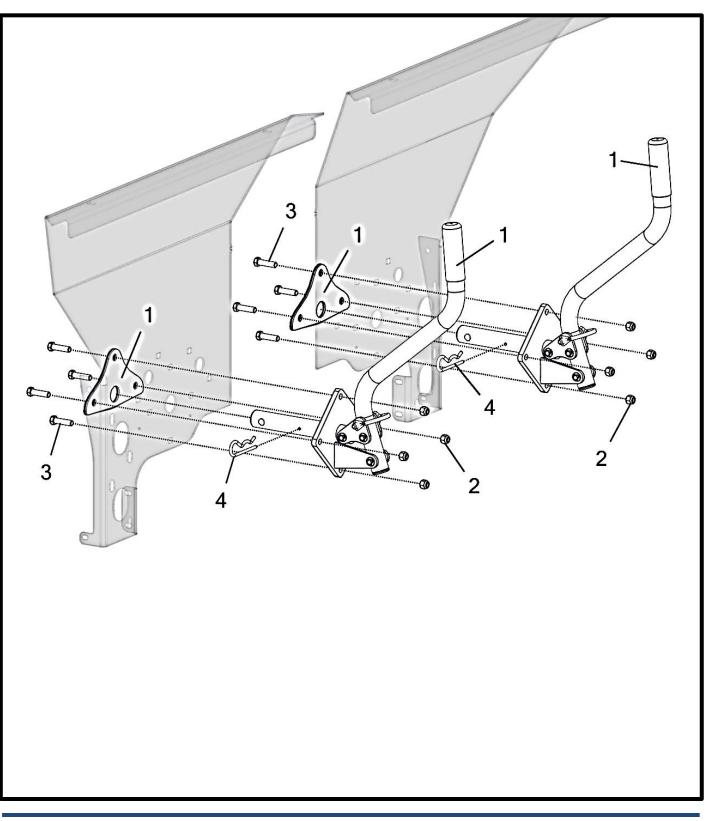
(\*) Included in K002543 - Kit - Gen 2 2X08 Trough Hardware

(†) Left and Right sides are identical except for the placement of the following:

- Slide Gate Cylinder Hole Covers (Item 1) Must be opposite fan end.
- Gearbox Pins (Item 4) On either side, higher pin for each gearbox is to the left.
- Row Label Decals (Items 19 & 20) Letter 'A' will always be on the fan end.



### **Manual Slide Gate Cylinder Mounting**





### **Manual Slide Gate Cylinder Mounting**

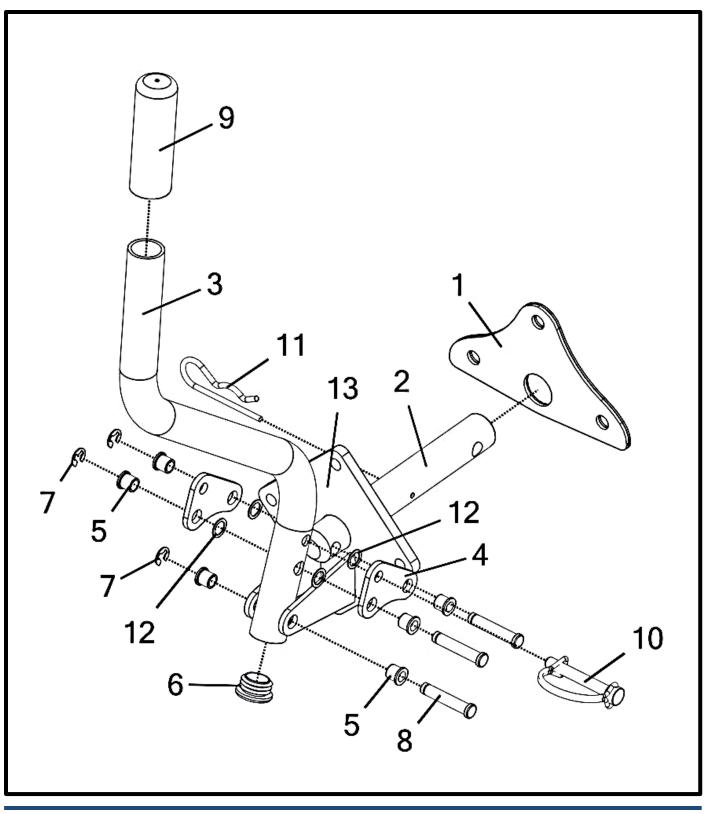
ltem No.	Qty	Part Number	Description
1	2	A002259	Mount - Manual Slide Gate Control Lever Assembly
2	8	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) *
3	8	P002430	Bolt - 3/8-16 x 1.5 x 1 Hex (F593 304 S/S FB) * †
4	2	P002861	Pin - Hairpin Clip 1" x 11/64" x 3-1/2" (18-8 S/S FB)

(\*) Included In K002054 - Kit - Slide Gate Cylinder Mount Hardware (Outside) (†) Included In K002263 - Kit - Inside Manual Slide Gate Control Mount Hardware





## Manual Slide Gate Cylinder Assembly



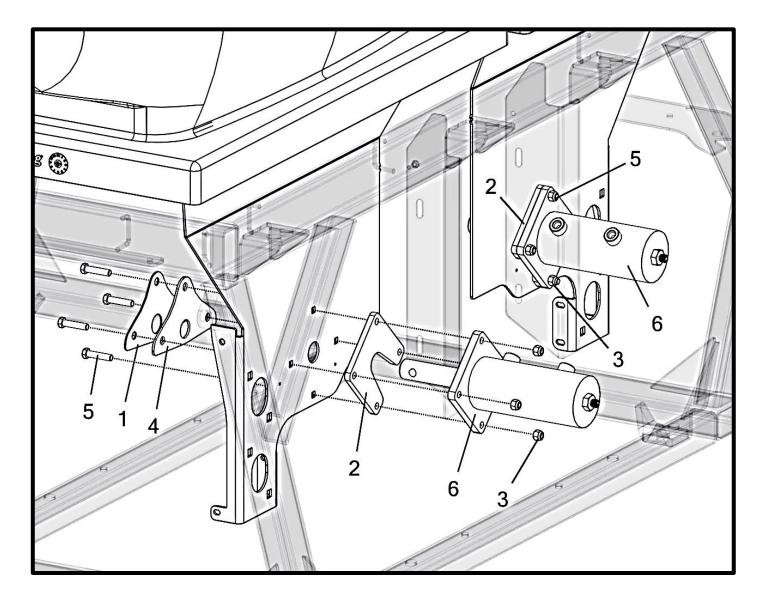


# Manual Slide Gate Cylinder Assembly

ltem No.	Qty	Part Number	Description
		A002259	Mount - Manual Slide Gate Control Lever Assembly
1	1	A002258	Seal - Slide Gate Cylinder Tank Gasket
2	1	M003227	Rod - Manual Slide Gate Control
3	1	M003229	Tube - Manual Slide Gate Control Lever Handle
4	2	M003230	Plate - Manual Slide Gate Control Linkage
5	6	P000393	Bushing - 3/8" x 1/2" x 1/2 Plastic Flange
6	1	P000458	Cap - 1-1/4" x 10-14 GA Round Plastic Tube
7	3	P002215	Retainer - 3/8" E-Clip
8	3	P002216	Pin - Grooved Clevis 3/8" X 2" X 1 13/16" (18-8 S/S)
9	1	P002857	Cap - 1-1/4" x 4" Round Tube Vinyl Grip
10	1	P002859	Pin - 3/8" x 2-1/8" Round Wire Lock
11	1	P002861	Pin - Hairpin Clip 1" x 11/64" x 3-1/2" (18-8 S/S FB)
12	4	P002863	Washer - 7/16" Flat (0.688" OD) (Nylon 6/6 FB)
13	1	W002577	Bracket - Manual Slide Gate Control Lever Mount



#### Hydraulic Slide Gate Cylinder Mounting





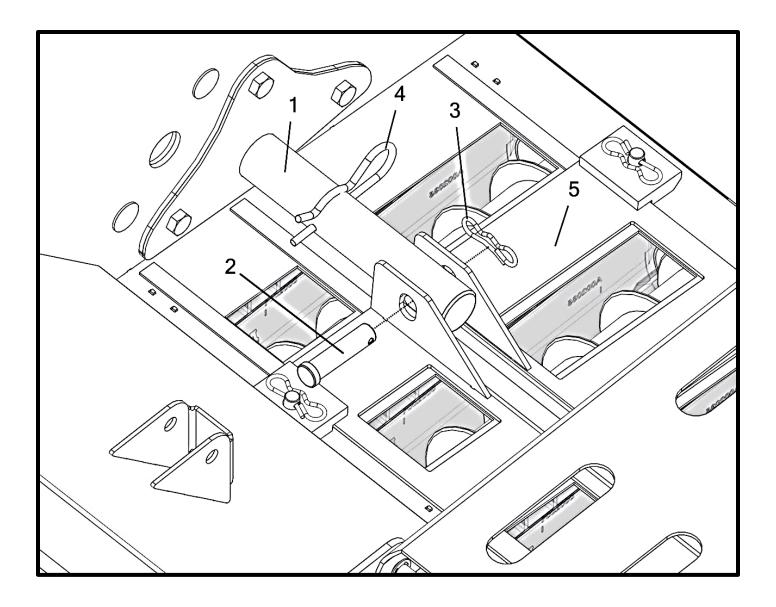
## Hydraulic Slide Gate Cylinder Mounting

ltem No.	Qty	Part Number	Description
		A002506	Cylinder - Slide Gate Sub-Assembly (Rear Sensor)
1	2	M002403	Plate - Slide Gate Cylinder Gasket Seal Backing
2	2	M003076	Plate - Slide Gate Cylinder Drain Spacer
3	8	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) *
4	2	P002148	Gasket - Slide Gate Cylinder Tank Seal
5	8	P002712	Bolt - 3/8-16 x 1.75 x 1 Hex (F593 304 S/S FB) * †
6	2	P002963	Cylinder - 3" B x 2.38" S x 1.25" R (Analog Sensor)

(\*) Included In K002148 - Kit - Slide Gate Cylinder Mount Hardware Gen 2 (Outside) (†) Included In K002264 - Kit - Inside Hydraulic Slide Gate Control Mount Hardware



#### **Inside Tank Area**





#### **Inside Tank Area**

ltem No.	Qty	Part Number	Description
1	1	A002259	Mount - Manual Slide Gate Control Lever Assembly
		A002235	Cylinder - Slide Gate Sub-Assembly 12 Row (Not Shown)
2	1	P002064	Pin - 1/2" x 2" Clevis *
3	1	P002255	Pin - Hairpin Bowtie 3/8" x 3/32" x 1 7/8" *
4	1	P002861	Pin - Hairpin Clip 1" x 11/64" x 3-1/2" (18-8 S/S FB)
5	1	W002286	Slide Gate - 8 Row

(\*) Included in K002263 - Kit - Inside Manual Slide Gate Control Mount Hardware

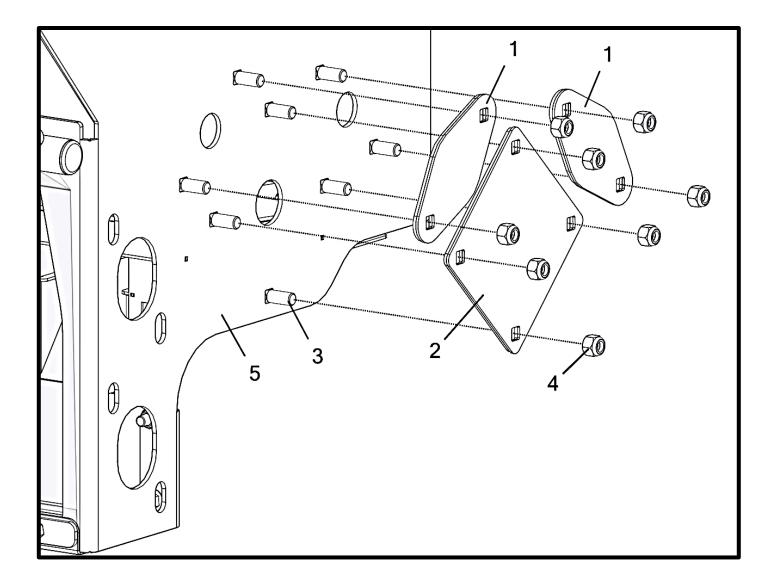
or

K002264 - Kit - Inside Hydraulic Slide Gate Control Mount Hardware

#### **QTY'S SHOWN IN BOM ARE FOR ONE TANK**



### Non-Cylinder End Agitator Covers (Pre-2020)



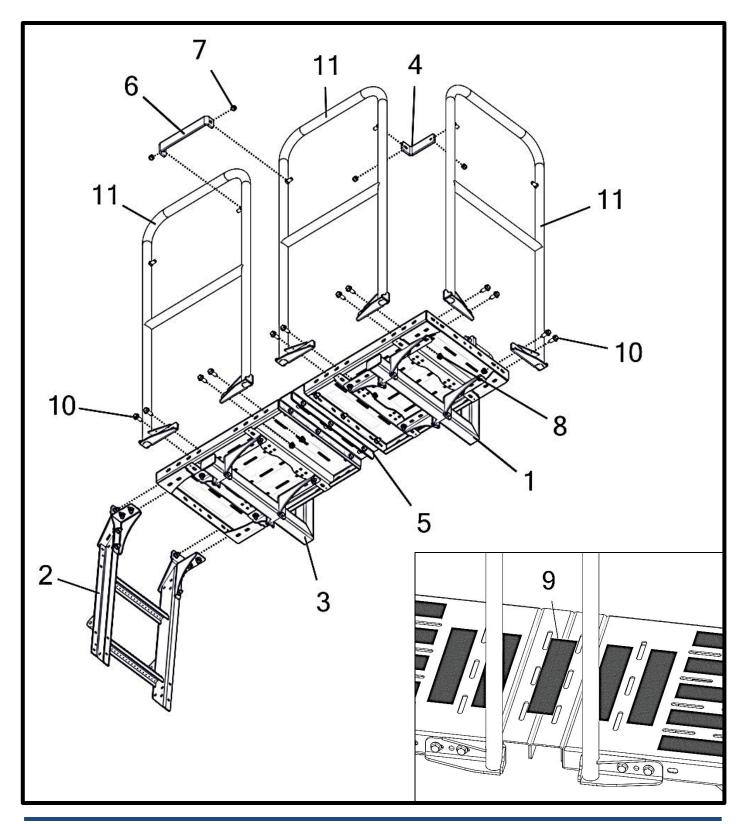


## Non-Cylinder End Agitator Covers (Pre-2020)

ltem No.	Qty	Part Number	Description
1	2	A002147	Cover - Agitator End Plate w/ Gasket
2	1	A002148	Cover - Slide Gate Cylinder Hole Plate w/ Gasket
3	8	P000098	Bolt - 3/8-16 x 1 x 1 Carriage (F593 304 S/S FB)
4	8	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB)
5	1	W00	Trough - 2208 Meter



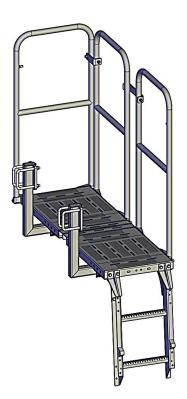
Platform - 2208 Dual Deck Assembly w/Ladder

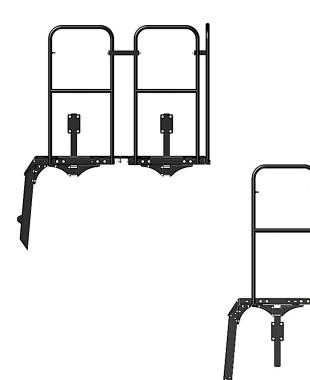




### Platform - 2208 Dual Deck Assembly w/Ladder

ltem No.	Qty	Part Number	Description
		K002424	Kit - 2208 Dual Deck Platform Complete
1	1	K002369	Platform - 2108 Single Step Complete
2	1	K002370	Platform - 2X08 Platform Bolt-On Ladder Complete
3	1	K002535	Platform - 2XX8 Single Step Complete (Ladder Side Offset)
4	1	M003597	Bracket - 2X08 Corner Rail Brace
5	2	M003599	Spacer - 2208 Double Platform
6	1	M003601	Bracket - 2X08 Multi Platform Railing Support
7	4	P000057	Nut - 3/8-16 Hex Nylon Lock (GR 5 M/S FA)
8	21	P002205	Nut - 3/8-16 Flange Nylon Lock (GR 5 M/S FA)
9	1	P002233	Decal - Anti-Slip Safety Tape (2" x 10") Black 36g
10	21	P002472	Bolt - 3/8-16 x 1 x 1 Flange (GR 5 M/S FA)
11	3	W002745	Rail - 2X08 Hand

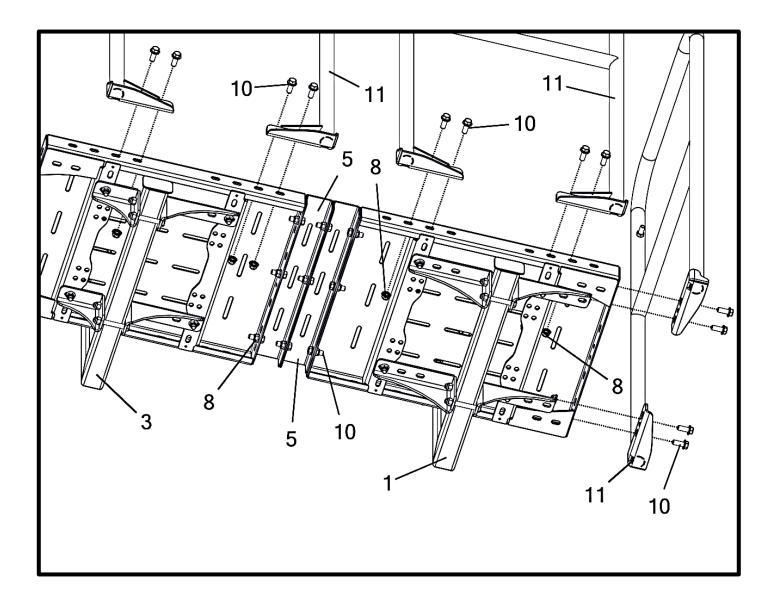




P/N's followed by "\_\_" are color coded parts. Color codes: AA = Black Paint, ZZ = Gray, ZY = Yellow, ZX = White See inside front cover for details.



## Platform - 2208 Dual Deck Assembly w/Ladder (Underside)



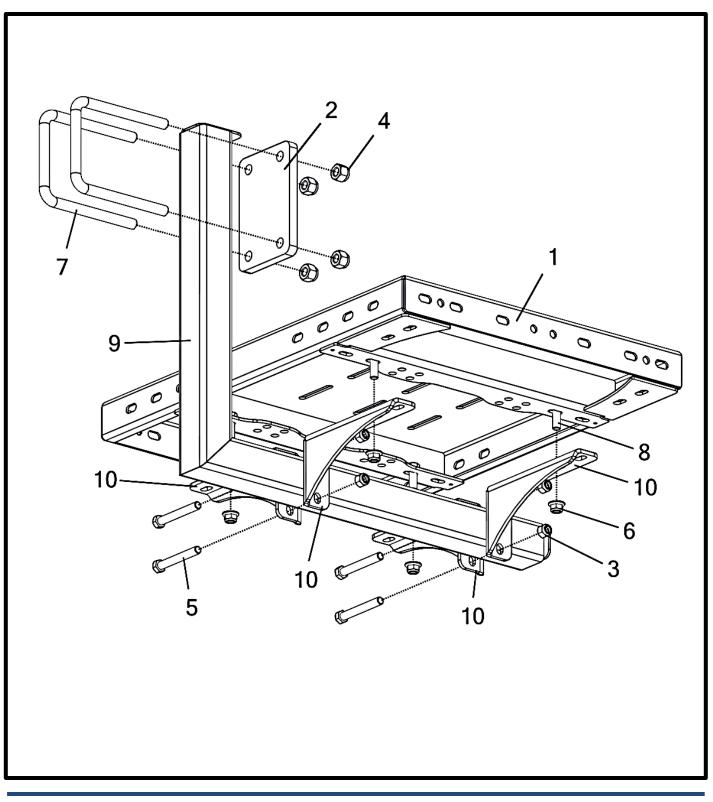


# Platform - 2208 Dual Deck Assembly w/Ladder (Underside)

ltem No.	Qty	Part Number	Description
		K002424	Kit - 2208 Dual Deck Platform Complete
1	1	K002369	Platform - 2108 Single Step Complete
2	1	коо2370	Platform - 2X08 Platform Bolt-On Ladder Complete
3	1	K002535	Platform - 2XX8 Single Step Complete (Ladder Side Offset)
4	1	M003597	Bracket - 2X08 Corner Rail Brace
5	2	M003599	Spacer - 2208 Double Platform
6	1	M003601	Bracket - 2X08 Multi Platform Railing Support
7	4	P000057	Nut - 3/8-16 Hex Nylon Lock (GR 5 M/S FA)
8	21	P002205	Nut - 3/8-16 Flange Nylon Lock (GR 5 M/S FA)
9	1	P002233	Decal - Anti-Slip Safety Tape (2" x 10") Black 36g
10	21	P002472	Bolt - 3/8-16 x 1 x 1 Flange (GR 5 M/S FA)
11	3	W002745	Rail - 2X08 Hand



#### **Platform - 2X08 Single Step Complete**





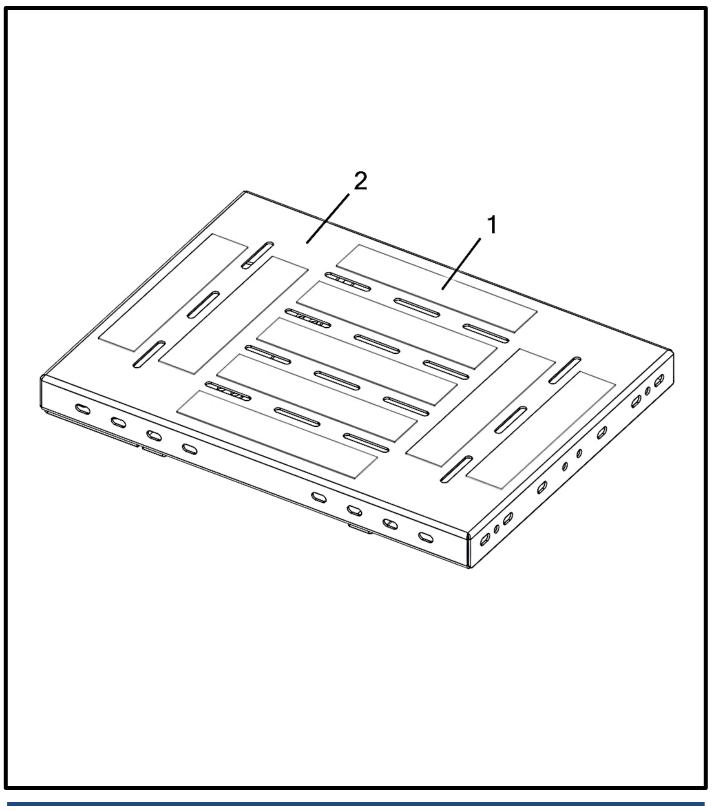
### Platform - 2X08 Single Step Complete

ltem No.	Qty	Part Number	Description
		КОО2369	Platform - 2108 Single Step Complete
		К002535	Platform - 2XX8 Single Step Complete (Ladder Side Offset) (Not Shown)
1	1	A002473	Platform - Deck (18" x 24") w/ Anti-Slip Tape
2	1	M003600	Plate - 4" U-Bolt X 2" (1/2")
3	4	P000057	Nut - 3/8-16 Hex Nylon Lock (GR 5 M/S FA)
4	4	P000058	Nut - 1/2-13 Hex Nylon Lock (GR 5 M/S FA)
5	4	P000424	Bolt - 3/8-16 x 3 x 1 Hex (GR 5 M/S FA)
6	4	P002205	Nut - 3/8-16 Flange Nylon Lock (GR 5 M/S FA)
7	2	P002239	U-Bolt - 1/2" x 4-1/8" x 5 1/2
8	4	P002472	Bolt - 3/8-16 x 1 x 1 Flange (GR 5 M/S FA)
9	1	W002733	Mount - 2X08 Platform
10	4	W002734*	Gusset - XX08 Platform Underside Mount
	2	W002783*	Gusset - 2X08 Platform Underside Mount (Short) (Not Shown)

(\*) K002369 uses (4) W002734, K002535 uses (2) W002734 and (2) W002783



### Platform - Deck (18" X 24") W/ Anti-slip Tape



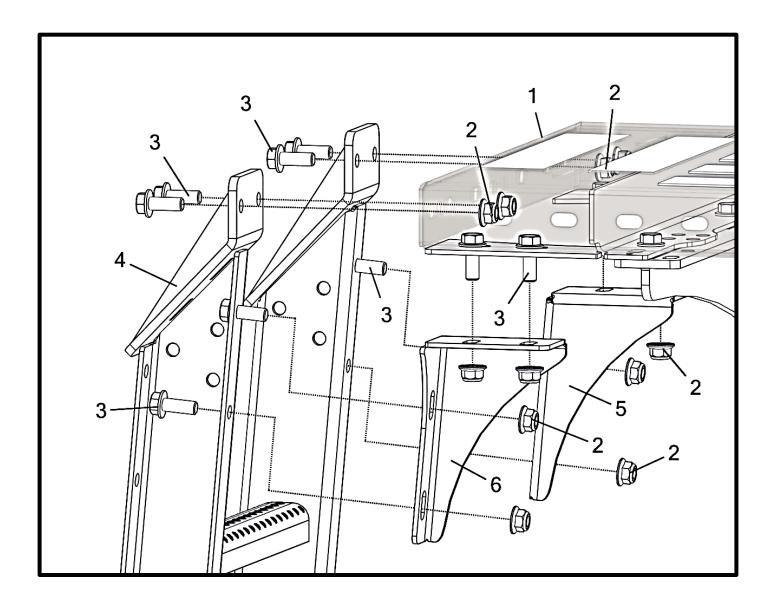


# Platform - Deck (18" X 24") W/ Anti-slip Tape

Item No.	Qty	Part Number	Description
		A002473	Platform - Deck (18" x 24") w/ Anti-Slip Tape
1	9	P002233	Decal - Anti-Slip Safety Tape (2" x 10") Black 36g
2	1	W002605	Grate - Deck Platform Plank (18" x 24")



#### Platform - 2X08 Platform Bolt-On Ladder Complete

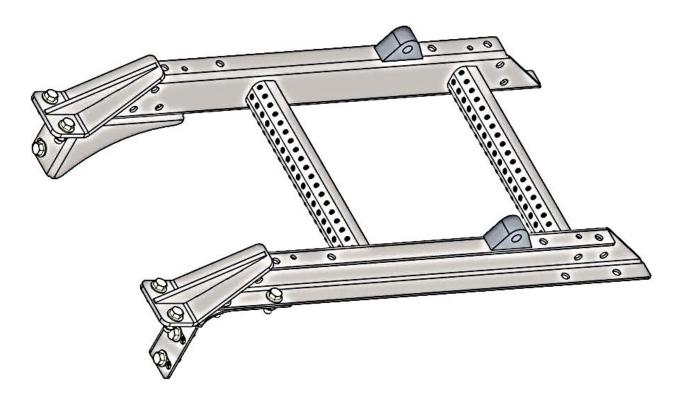




## Platform - 2X08 Platform Bolt-On Ladder Complete

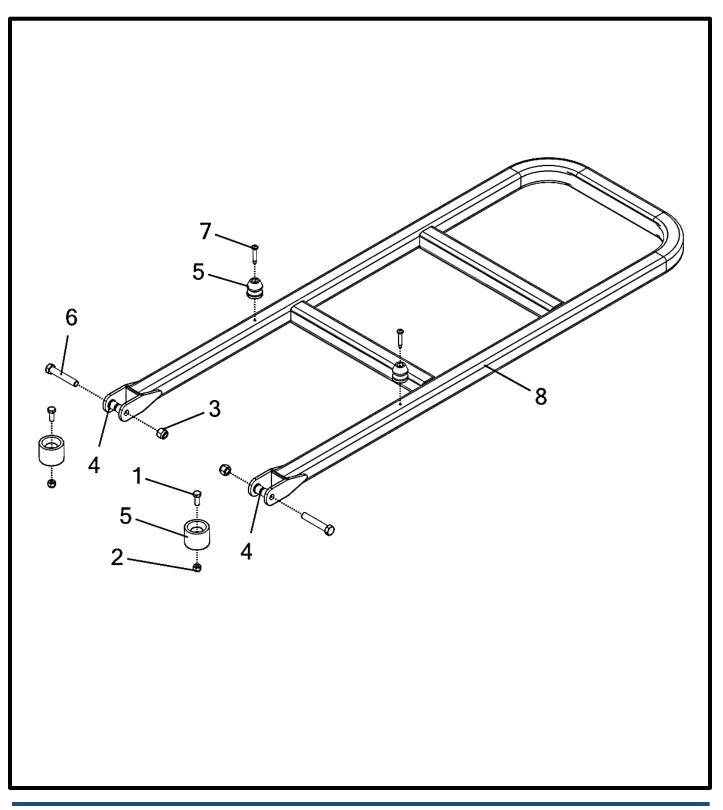
ltem No.	Qty	Part Number	Description
		A002475	Platform - 2208 Triple Deck Assembly w/Ladder
1	3	A002473	Platform - Deck (18" x 24") w/ Anti-Slip Tape
2	12	P002205	Nut - 3/8-16 Flange Nylon Lock (GR 5 M/S FA) *
3	12	P002472	Bolt - 3/8-16 x 1 x 1 Flange (GR 5 M/S FA) *
4	1	W002608	Ladder - 2208 Platform
5	1	W002649	Bracket - Platform Ladder Channel Gusset (LH)
6	1	W002650	Bracket - Platform Ladder Channel Gusset (RH)

(\*) Included in K002370 - Kit - 2X08 Platform Bolt-On Ladder Hardware





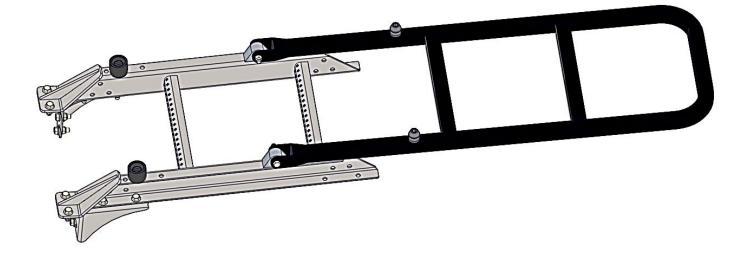
## Swing Ladder Add-on





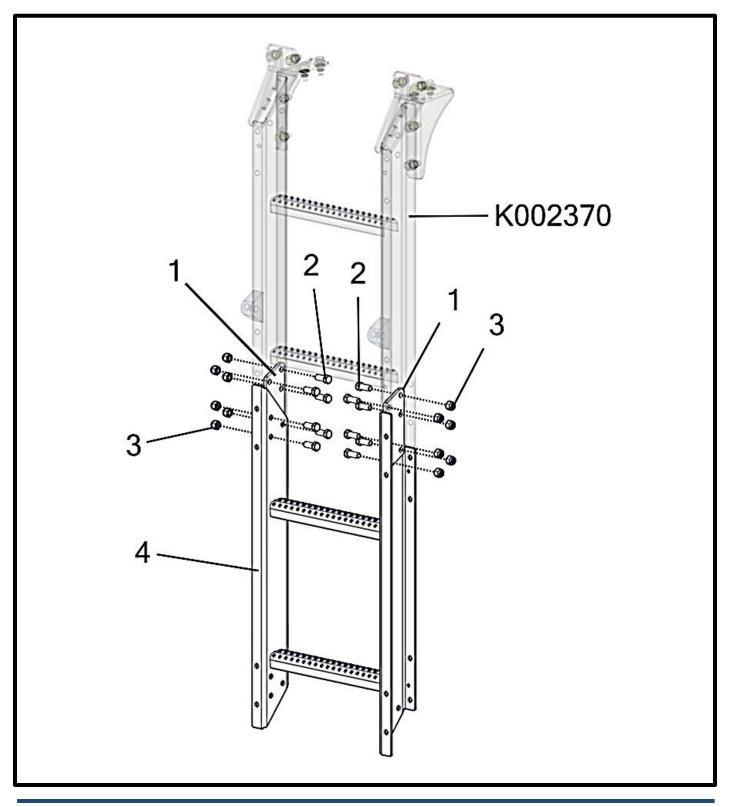
# Swing Ladder Add-on

ltem No.	Qty	Part Number	Description
		K002506	Kit - 2X08 Platform Swing Ladder Add-On
1	2	P000090	Bolt - 1/4-20 x 0.75 x 0.75 Hex (F593 304 S/S FB)
2	2	P000103	Nut - 1/4-20 Hex Nylon Lock (F594 316 S/S FB)
3	2	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB)
4	4	P000393	Bushing - 3/8" x 1/2" x 1/2 Plastic Flange
5	2	P000472	Catch - Rubber Deck Bumper Latch (2 Pieces Per)
6	2	P000930	Bolt - 3/8-16 x 2.25 x 1 Hex (F593 304 S/S FB)
7	2	P002708	Screw - #10-16 x 1.25 Self-Drilling Pan Head Square (18-8 S/S FB)
8	1	W002769	Ladder - 2X08 Deck Swing





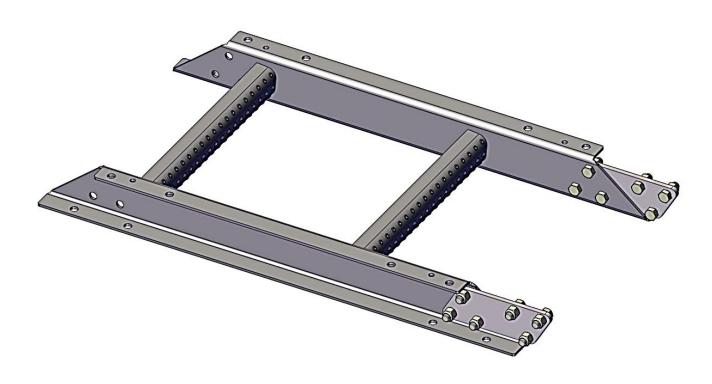
## **Rigid Ladder Extension**





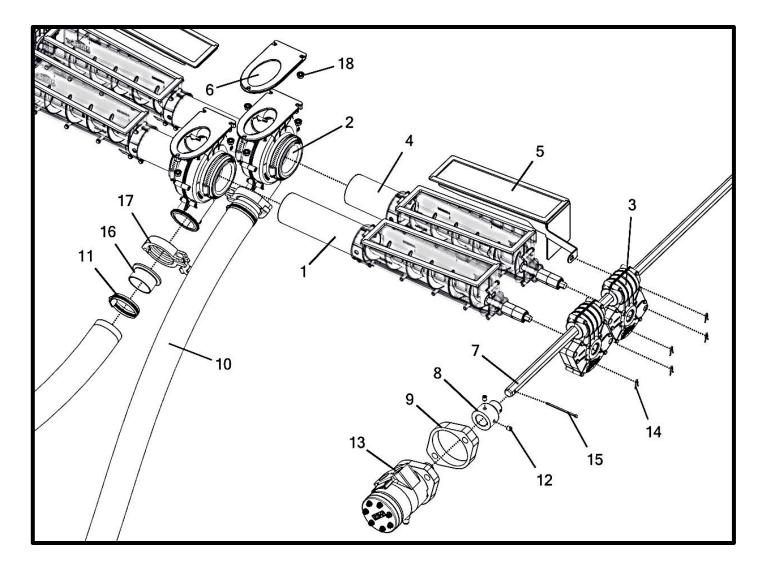
# **Rigid Ladder Extension**

ltem No.	Qty	Part Number	Description		
		K002352	Kit - 2X08 Platform Ladder Extension		
1	2	M003495	Plate - 2208 Platform Ladder Extender		
2	12	P000039	Bolt - 3/8-16 x 1 x 1 Hex (GR 5 M/S FA)		
3	12	P000057	Nut - 3/8-16 Hex Nylon Lock (GR 5 M/S FA)		
4	1	W002711	Ladder - 2X08 Platform		





#### **Row Unit Overview**





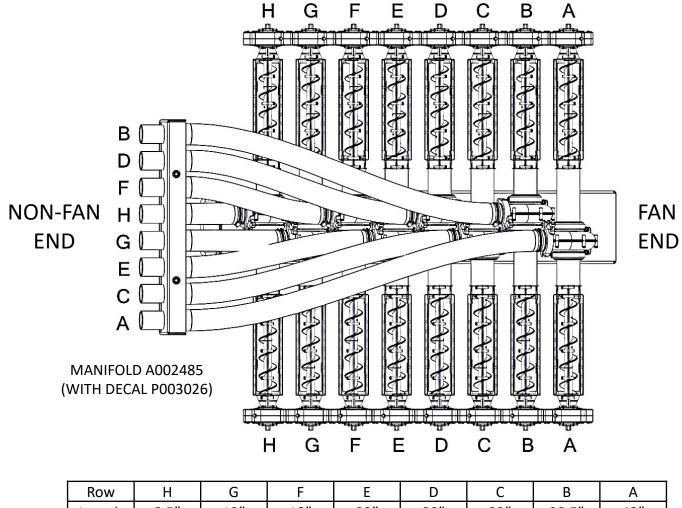
#### **Row Unit Overview**

Item No.	Part Number	Description
1	A002000	Cartridge - Gen 2 2" x 20.5" Auger
2	A002014	Air Chamber - Gen 2 Bolt-On
3	A002017	Gear Box - Plastic 5/8 Hex - 7/8 Hex (22/7 Ratio)
4	A002025	Cartridge - Gen 2 2" x 17.5" Auger
5	A002055	Assembly - Cartridge Blank Gen 2
6	A002187	Assembly - Air Chamber Blank Gen 2
7	M002441	Shaft - 5/8" Gen 2 Mini Long Drive
	M002602	Shaft - 5/8" Gen 2 Mini Drive (Half) (Not Shown)
8	M002152	Coupler - 1" Round w/ Keyway to 5/8" Hex Shaft
9	M002604	Plate - Motor Spacer (3/4")
10	M00	Hose - 2"
11	P000240	Hose Clamp - 2" S/S
12	P000785	Set Screw - 5/16-18 x 5/16" UNC
13	P000828	Motor - Hyd. 4.5 CU/IN Char-Lynn w/ Speed Sensor (101-3525-009)
14	P002009	Retaining Clip - 3/8" x 5/16" x 1"
15	P002013	Cotter Pin - 1/8" x 2.64" (S/S)
16	P002044	Flange - 2" Sanitary Quick Clamp Tube Adapter
17	P002058	Clamp - 2" Sanitary Quick
18	P002291	Nut - 1/4-20 Flange Nylon Lock (18-8 S/S FB)

4 ROW	-	K002309
6 ROW	-	КОО2219
8 ROW	-	K002217



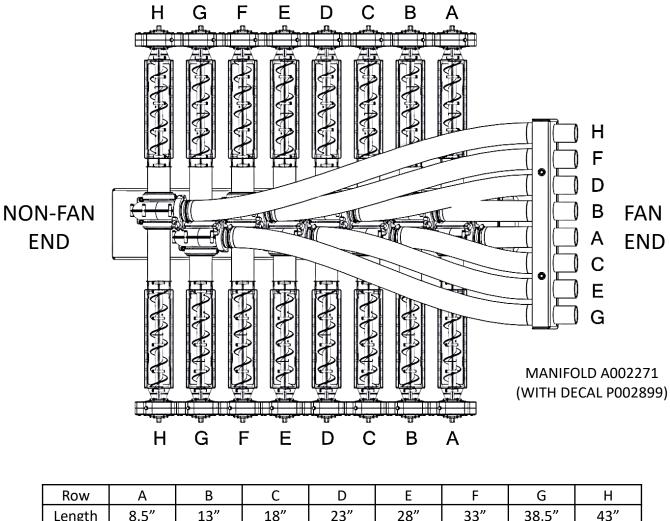
ROW LAYOUT AND HOSE LENGTHS - MANIFOLD OPPOSITE FAN END



Row	H	G	F	E	D	C	В	A
Length	8.5″	13″	18"	23″	28″	33"	38.5″	43″
Part No.	M003280	M003281	M003279	M003282	M003283	M003285	M003284	M003286



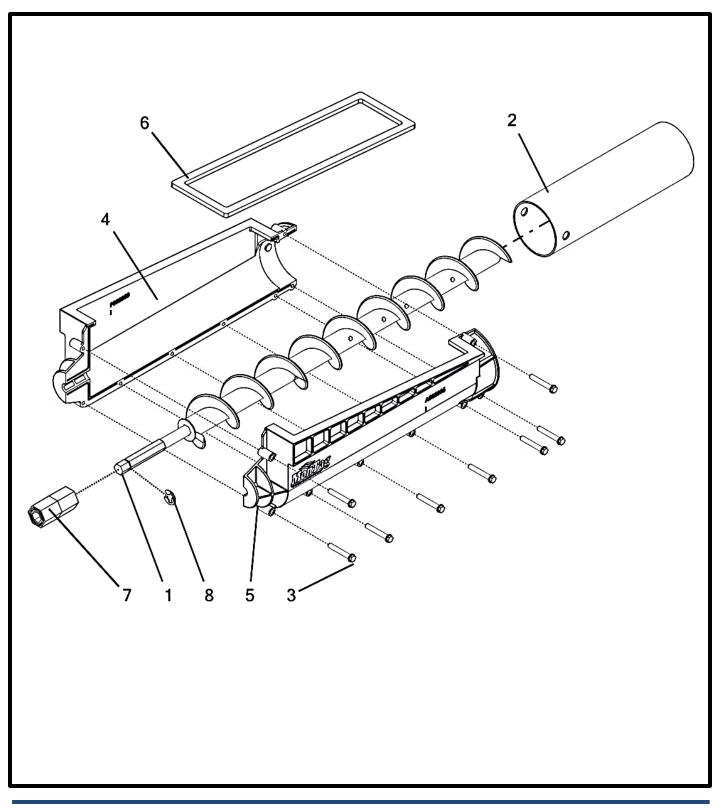
ROW LAYOUT AND HOSE LENGTHS - MANIFOLD SAME SIDE AS FAN



Row	A	В	C	D	E	F	G	H
Length	8.5″	13"	18"	23″	28″	33"	38.5"	43"
Part No.	M003280	M003281	M003279	M003282	M003283	M003285	M003284	M003286



## Cartridge - Long





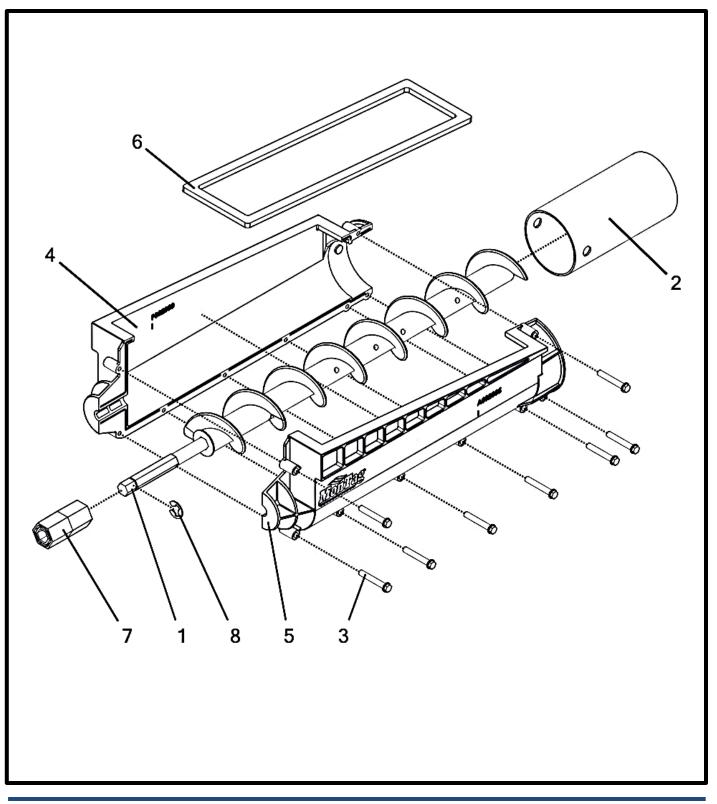


## Cartridge - Long

ltem No.	Qty	Part Number	Description
		A002000	Cartridge - Gen 2 2" x 20.5" Auger
1	1	A002023	Auger - 2" x 18" Flighting
2	1	M002000	Tube - 8" S/S Cartridge
3	8	P000754	Screw - #10-16 x 1-2/5" Hex Washer Head Hi-Low S/S
4	1	P002000	Cartridge - Molded 2" Plastic Finned Auger (Left)
5	1	P002001	Cartridge - Molded 2" Plastic Finned Auger (Right)
6	1	P002006	Gasket - Gen 2 Cartridge
7	1	P002033	Coupler - Plastic 7/8in to 7/16in Shear Hex
8	1	P002215	Retainer - 3/8" E-Clip



### **Cartridge - Short**







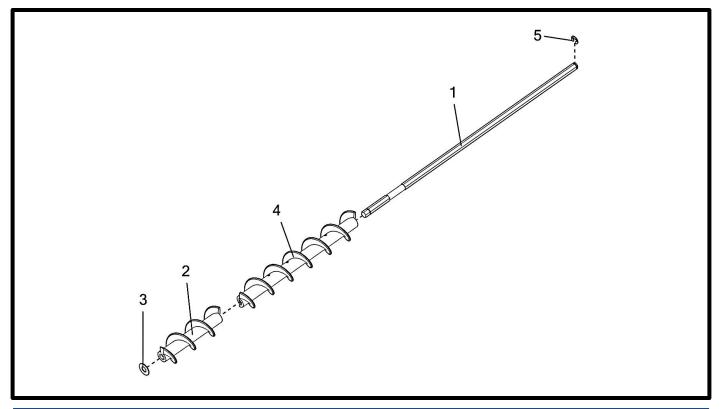
# **Cartridge - Short**

ltem No.	Qty.	Part Number	Description
		A002025	Cartridge - Gen 2 2" x 17.5" Auger
1	1	A002026	Auger - 2" x 15" Flighting
2	1	M002190	Tube - 5" S/S Cartridge
3	8	P000754	Screw - #10-16 x 1-1/4" Hex Washer Head Hi-Low S/S
4	1	P002000	Side - Gen 2 2" Auger Cartridge (Left)
5	1	P002001	Side - Gen 2 2" Auger Cartridge (Right)
6	1	P002006	Gasket - Gen 2 Cartridge (.1875)
7	1	P002033	Coupler - 7/8" to 7/16" Shear Hex
8	1	P002215	Retainer - 3/8" E-Clip

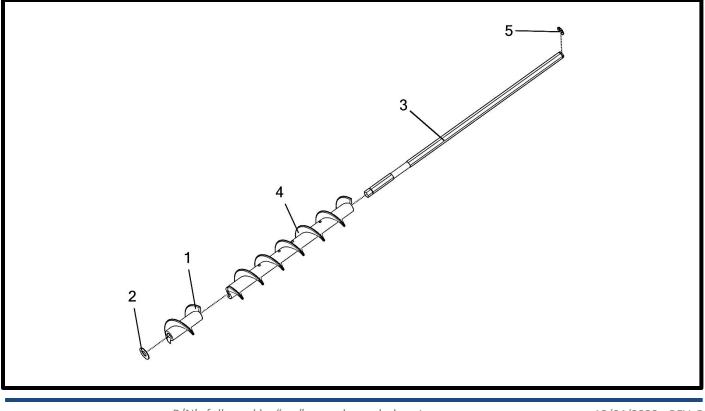
## 2208 (2019-2023)



### Auger - Long



Auger - Short



12/04/2023 - REV. B SN#: 21297 - 2\_\_\_\_



#### Auger - Long

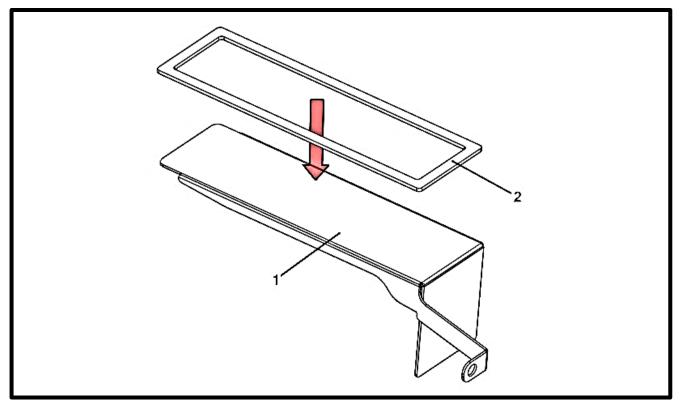
ltem No.	Qty.	Part Number	Description		
		A002023	Auger - 2" x 18" Flighting		
1	1	M002035	Shaft - 7/16" Hex Auger Shaft (Long)		
2	1	M002036	Flighting - 2" O.D. x 2" Pitch x 6" Auger		
3	1	M002185	Washer - Cartridge 7/16" Hex		
4	1	P000739	Flighting - 2" O.D. x 2" Pitch x 12" Auger		
5	1	P002215	Retainer - 3/8" E-Clip		

### Auger - Short

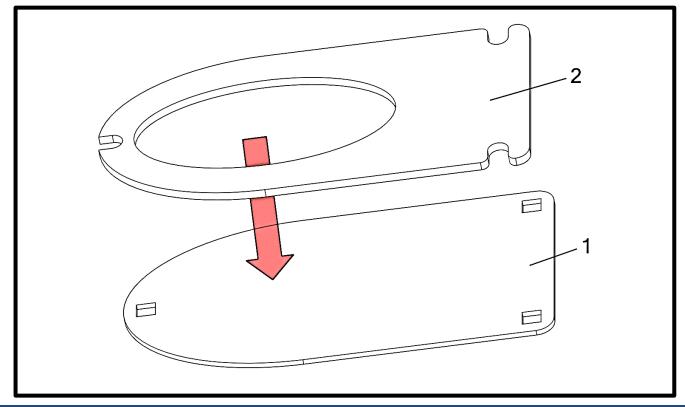
ltem No.	Qty.	Part Number	Description
		A002026	Auger - 2" x 15" Flighting
1	1	M002037	Flighting - 2" OD x 2" Pitch x 3" Auger
2	1	M002185	Washer - Cartridge 7/16" Hex
3	1	M002191	Shaft - 7/16" Hex Auger Shaft (Short)
4	1	P000739	Flighting - 2" O.D. x 2" Pitch x 12" Auger
5	1	P002215	Retainer - 3/8" E-Clip



# Cartridge - Blank



Air Chamber - Blank





### **Cartridge - Blank**

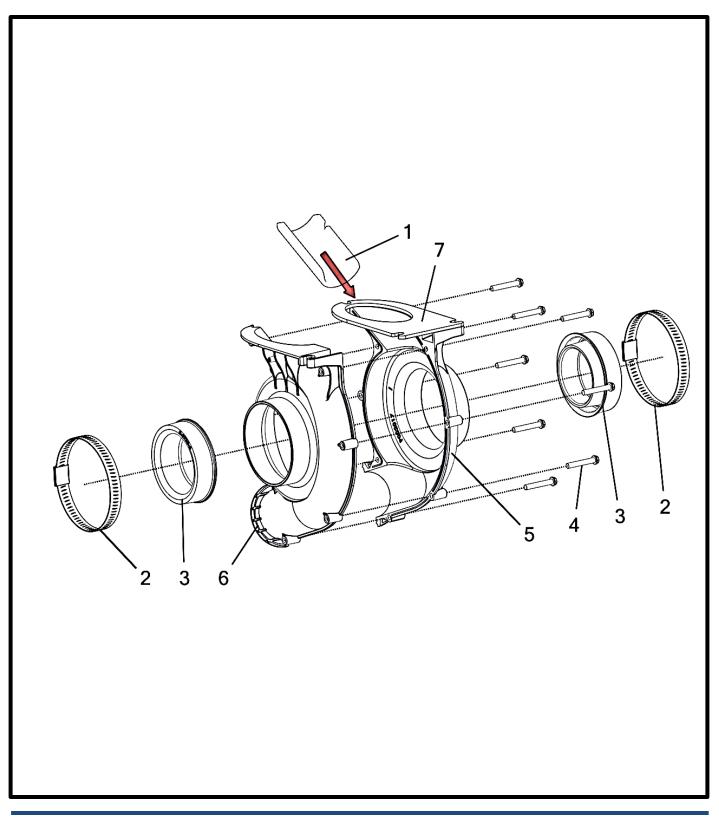
Item No.	Qty.	Part Number	Description
		A002055	Assembly - Cartridge Blank Gen 2
1	1	M002192	Blank - Formed Cartridge
2	1	P002077	Gasket - Gen 2 Cartridge (.125)

### Air Chamber - Blank

Part No.	Qty.	Part Number	Description
		A002187	Assembly - Air Chamber Blank Gen 2
1	1	M002244	Plate - Air Chamber Cover
2	1	P002047	Gasket - Air Chamber Mounting



### **Air Chamber Assembly**





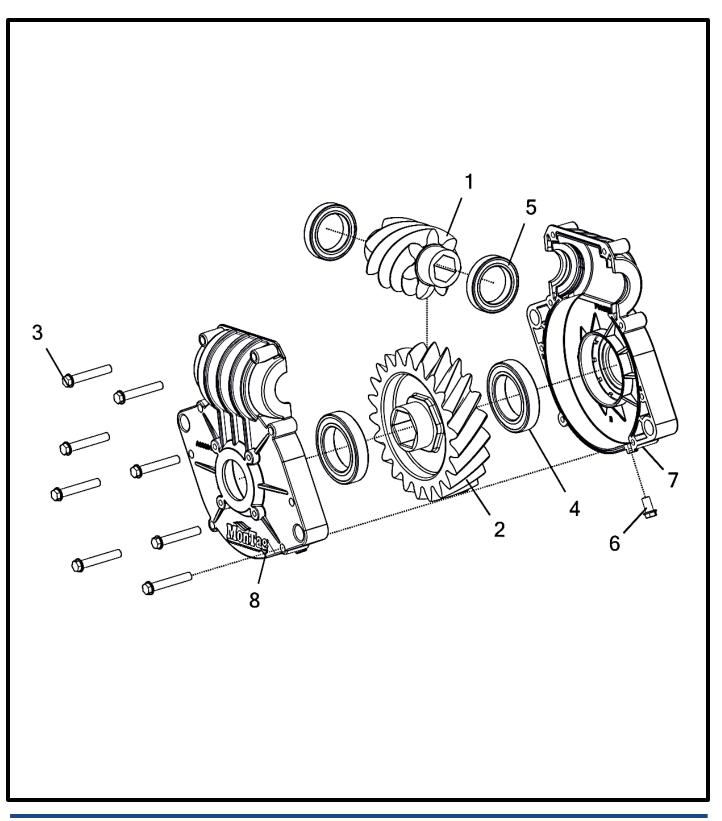


### **Air Chamber Assembly**

Item No.	Qty.	Part Number	Description
		A002014	Air Chamber - Gen 2 Bolt-On
1	1	M002314	Orifice - Air Chamber Insert (3-Bolt Air Chamber)
2	2	P000239	Hose Clamp - 2-1/2"-3" S/S
3	2	P000738	Gasket - Air Chamber to Cartridge
4	8	P000754	Screw - #10-16 x 1-1/4" Hex Washer Head Hi-Low S/S
5	1	P002017	Side - 2" Carriage 3 Bolt Mount Plastic Air Chamber Right
6	1	P002040	Side - 2" Carriage 3 Bolt Mount Plastic Air Chamber Left
7	1	P002047	Gasket - Air Chamber Mounting



### **Gear Box Assembly**





### **Gear Box Assembly**

ltem No.	Qty	Part Number	Description
		A002017	Gear Box - Plastic 5/8 Hex - 7/8 Hex (22/7 Ratio)
1	1	P000733	Gear - Plastic 7 Tooth 5/8" Hex Driver
2	1	P000734	Gear - Plastic 22 Tooth 7/8" Hex Driven
3	8	P000754	Screw - #10-16 x 1-2/5" Hex Washer Head Hi-Low S/S
4	2	P000760	Bearing - 30 x 47 x 9 mm Radial Ball (S/S Double Contact Seal)
5	2	P000761	Bearing - 25 x 37 x 7 mm Radial Ball (S/S - Double Contact Seals)
6	1	P000879	Screw - #10-16 x 3/8" Hex Washer Head Hi-Low S/S
7	1	P002032	Housing - Plastic Gear Box 22:7 (Right) w/ Drain
8	1	P002039	Housing - Plastic Gear Box 22:7 (Left) w/ Drain



THIS PAGE INTENTIONALLY LEFT BLANK



# **HYDRAULICS**

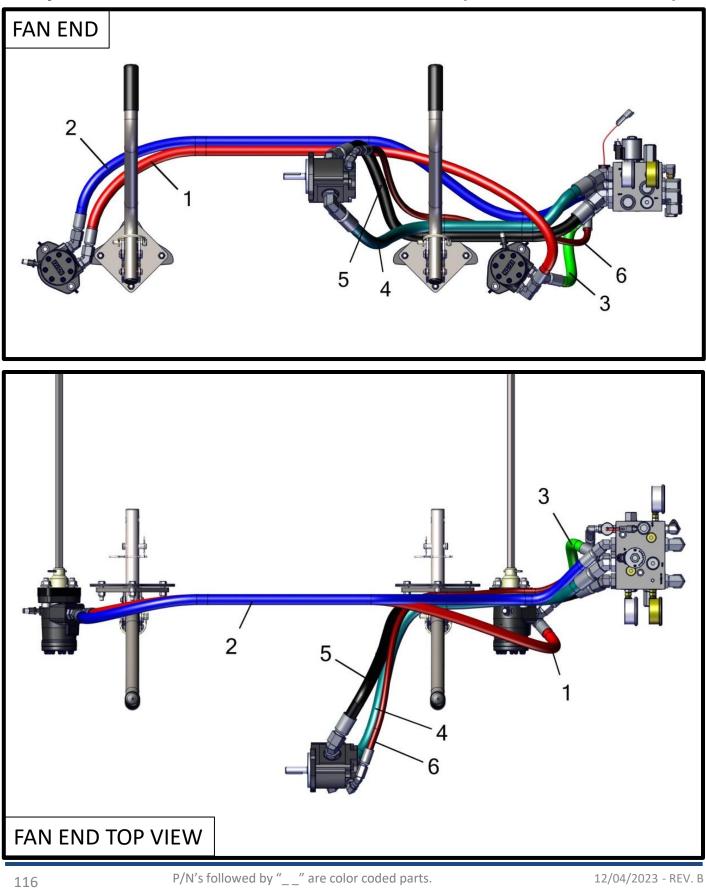
#### COMPLETE KITS

KIT NO.	DESCRIPTION
K002261	Kit - 1 Product 1 Section Gen 2 2208 Complete
K002269	Kit - 2 Product 1 Section Gen 2 2208 Complete
K002277	Kit - 2 Product 2 Section Gen II 2208 Complete
K002278	Kit - 2 Product 3 Section Gen II 2208 Complete
K002268	Kit - 2 Product 4 Section Gen 2 2208 Complete
K002280	Kit - Hydraulic Slide Gate Complete 2208 *

(\*) Add-on kit only available for dual-product machines



Hydraulics – 1 Product 1 Section Hoses (Manual Slide Gate)



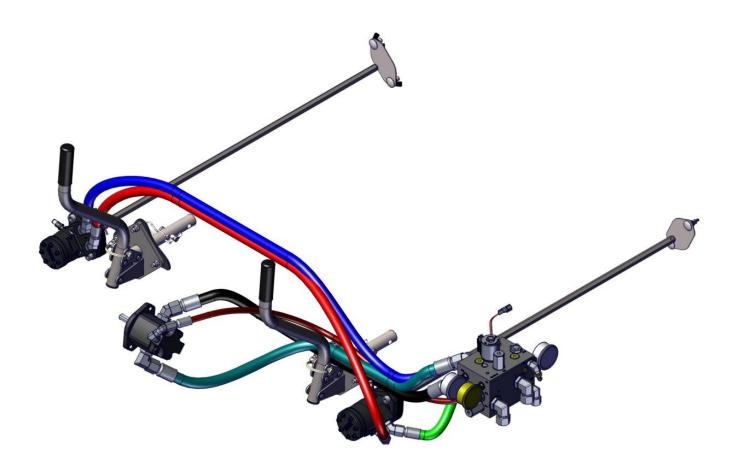
Color codes: AA = Black Paint, ZZ = Gray, ZY = Yellow, ZX = White

SN#: 21297 - 2\_\_\_\_



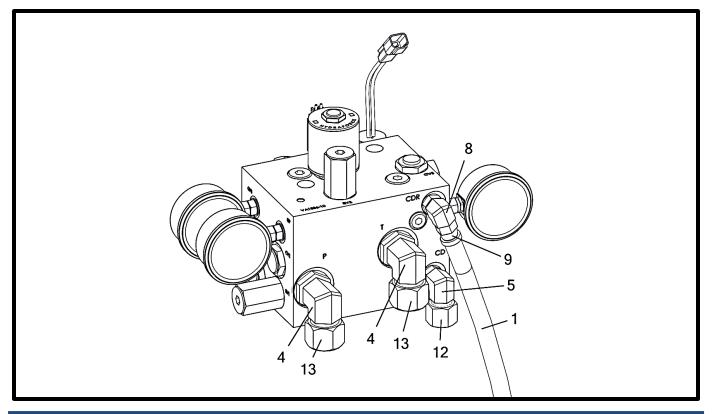
### Hydraulics – 1 Product 1 Section Hoses (Manual Slide Gate)

ltem No.	Qty	Part Number	Description
1	1	P000912	Hose - Hyd - 1/2" x 75" (#10 F JIC x #10 F JIC)
2	1	P000916 (D)	Hose - Hyd - 1/2" x 58" (#10 F JIC x #10 F JIC)
3	1	P002419 (C)	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
4	1	P002936 (B)	Hose - Hyd - 3/4" x 43" (#12 F JIC x #12 F JIC)
5	1	P002936 (A)	Hose - Hyd - 3/4" x 43" (#12 F JIC x #12 F JIC)
6	1	P002938 (CD)	Hose - Hyd - 3/8" x 42" (#6 F JIC x #6 F JIC)

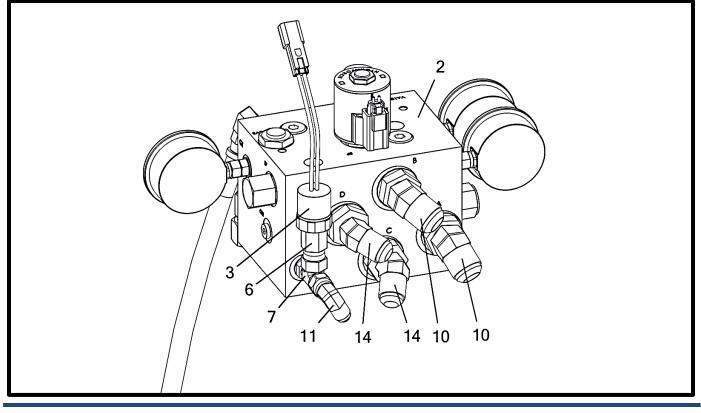




Hydraulic Block - 1 Product Mechanical Slide Gate - Front View



Hydraulic Block - 1 Product Mechanical Slide Gate - Rear View



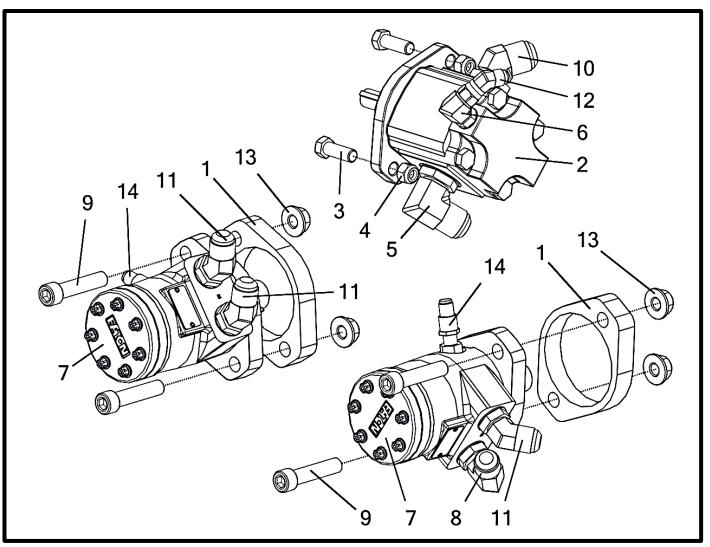


### Hydraulic Block - 1 Product Mechanical Slide Gate

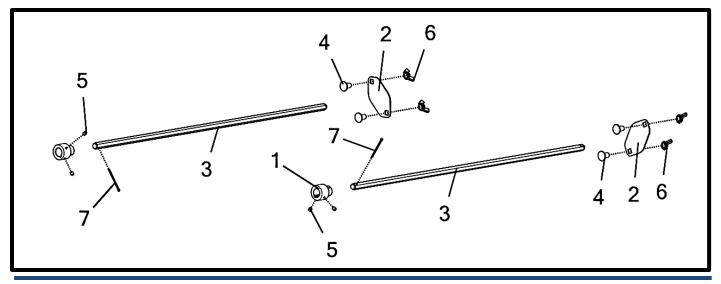
ltem No.	Qty	Part Number	Description
1	1	M001042	Hose - Manifold Case Drain Bypass
2	1	P000352	Manifold - Hydraulic Control (REV B)
3	1	P000378	Switch - Hyd Pressure Sensor (15-35 PSI) (Case Drain)
4	2	P000385	Fitting - Hyd - #12 M JIC x #12 M O-Ring Elbow 90 (6801-12-12)
		P002585	O-Ring - #12 Buna (4000-12)
5	1	P000386	Fitting - Hyd - #6 M O-Ring x #8 M JIC Elbow 90 (6801-08-06)
		P002582	O-Ring - #6 Buna (4000-06)
6	1	P000388	Fitting - Hyd - #6 F JIC x #4 F Pipe Adapter Union (6506-04-06)
7	1	P000389	Fitting - Hyd - 1&3=#6 M JIC, 2=#6 M O-Ring Tee (6804-06-06-06)
		P002582	O-Ring - #6 Buna (4000-06)
8	1	P000390	Fitting - Hyd - #6 M O-Ring x #6 M JIC Elbow 90 (6801-06-06)
		P002582	O-Ring - #6 Buna (4000-06)
9	1	P000391	Fitting - #6 F JIC Adapter to 3/8" Push-Lock Barb (PB-JCFX-0606)
10	2	P002610	Fitting - Hyd - #12 M O-Ring x #12 M JIC Elbow 45
		P002585	O-Ring - #12 Buna (4000-12)
11	1	P002669	Fitting - Hyd - #6 M JIC x #6 F JIC Swivel Elbow 90
12	1	P002703	Fitting - Hyd - #8 F JIC Cap
13	2	P002704	Fitting - Hyd - #12 F JIC Cap
14	2	P002916	Fitting - Hyd - #12 M O-Ring x #10 M JIC Elbow 45
		P002585	O-Ring - #12 Buna (4000-12)



### **1 Product 1 Section Drive And Fan Motors**



#### **1** Section Drive Components







### **1 Product 1 Section Drive And Fan Motors**

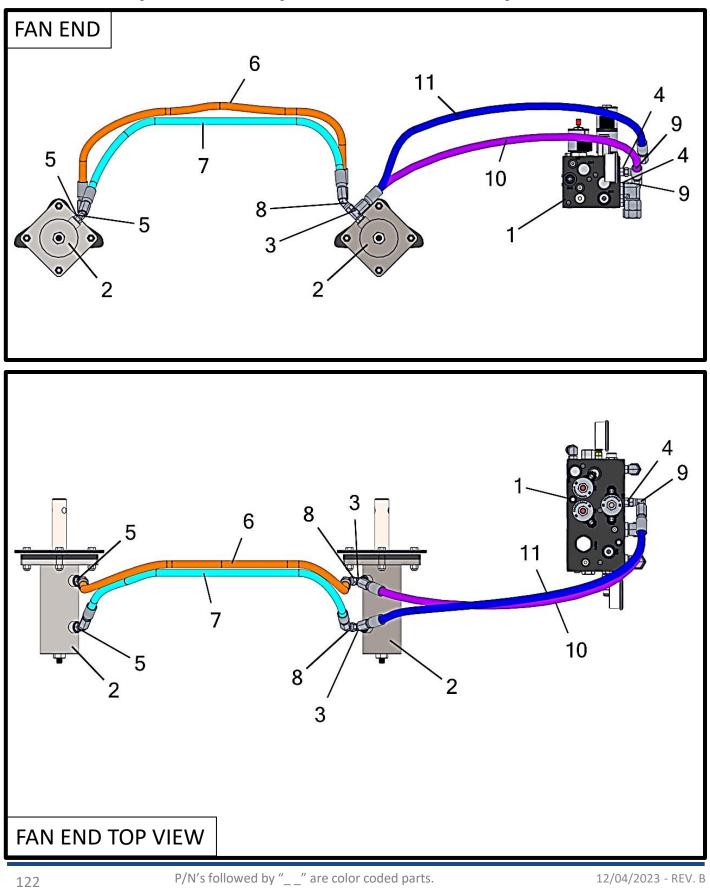
Item No.	Qty	Part Number	Description
1	2	M002604	Plate - Motor Spacer (3/4")
2	1	P000306	Motor - Parker 8 &12 Row Fan (313) 334-9219-313
3	2	P000416	Bolt - 3/8-16 x 1.25 x 1 Hex (F593 304 S/S FB)
4	2	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB)
5	1	P000385	Fitting - Hyd - #12 M JIC x #12 M O-Ring Elbow 90 (6801-12-12)
		P002585	O-Ring - #12 Buna (4000-12)
6	1	P000390	Fitting - Hyd - #6 M O-Ring x #6 M JIC Elbow 90 (6801-06-06)
		P002582	O-Ring - #6 Buna (4000-06)
7	2	P000828	Motor - Hyd. 4.5 CU/IN Char-Lynn w/ Speed Sensor (101-3525-009)
8	1	P000925	Fitting - Hyd - #10 M O-ring x #10 M JIC Elbow 90 (6801-10-10-NWO)
		P002584	O-Ring - #10 Buna (4000-10)
9	4	P002235	Bolt - 1/2-13 x 2.25 x 1.25 Socket Head (F593 304 S/S FB)
10	1	P002610	Fitting - Hyd - #12 M O-Ring x #12 M JIC Elbow 45
		P002585	O-Ring - #12 Buna (4000-12)
11	3	P002613	Fitting - Hyd - #10 M O-ring x #10 M JIC Elbow 45
		P002584	O-Ring - #10 Buna (4000-10)
12	1	P002668	Fitting - Hyd - #6 M JIC x #6 F JIC Swivel Elbow 45
13	4	P002226	Nut - 1/2-13 Flange Nylon Lock (18-8 S/S FB)
14	2	P000926	Sensor - Char-Lynn Motor Speed Sensor (60 Pulse)

#### **1** Section Drive Components

ltem No.	Qty	Part Number	Description
1	2	M002152	Coupler - 1" Round w/ Keyway to 5/8" Hex Shaft
2	2	M002272	Plate - Gear Box Drive Shaft Cover Shield
3	2	M002441	Shaft - 5/8" Gen 2 Mini Long Drive"
4	4	P000638	Bolt - 1/2-13 x 1 x 1 Carriage (F593 304 S/S FB)
5	4	P000785	Set Screw - 5/16-18 x 5/16" UNC
6	4	P000911	Nut - 1/2-13 UNC Wing (Nylon)
7	2	P002013	Cotter Pin - 1/8" x 2.64" (S/S)



### Hydraulics – Hydraulic Slide Gate Cylinders

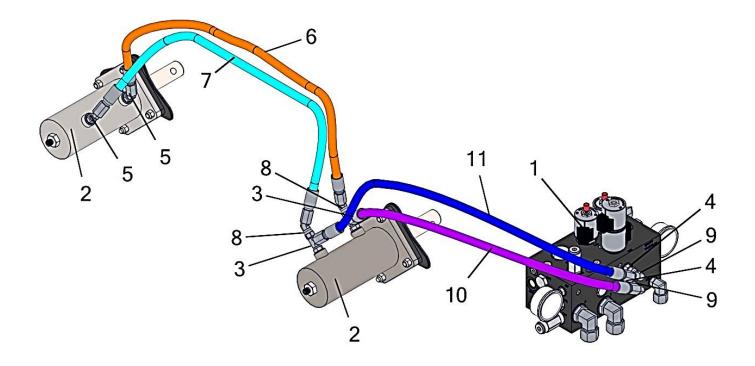


Color codes: AA = Black Paint, ZZ = Gray, ZY = Yellow, ZX = White See inside front cover for details.



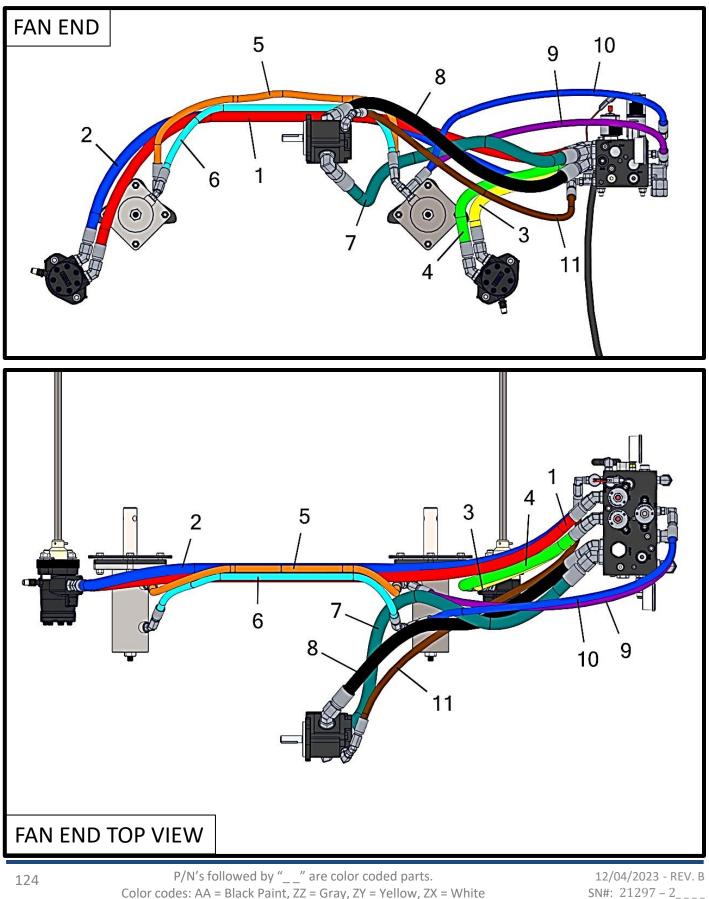
### Hydraulics – 2 Product 1 Section Hoses (Hydraulic Slide Gate)

Item No.	Qty	Part Number	Description
1	1	A002269	Manifold - Hydraulic Dual Product Control (w/Hardware)
2	2	A002506	Cylinder - Slidegate Sub-Assembly (Rear Sensor)
3	2	P000389	Fitting - Hyd - 1&3=#6 M JIC, 2=#6 M O-Ring Tee (6804-06-06-06)
4	2	P000928	Fitting - Hyd - #6 M O-Ring x #6 M JIC Straight
5	2	P002432	Fitting - Hyd - #6 M O-Ring x #6 M JIC Elbow 45
6	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
7	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
8	2	P002668	Fitting - Hyd - #6 M JIC x #6 F JIC Swivel Elbow 45
9	2	P002669	Fitting - Hyd - #6 M JIC x #6 F JIC Swivel Elbow 90
10	1	P002937 (E)	Hose - Hyd - 3/8" x 36" (#6 F JIC x #6 F JIC)
11	1	P002937 (F)	Hose - Hyd - 3/8" x 36" (#6 F JIC x #6 F JIC)





### Hydraulics – 2 Product 1 Section Hoses (Hydraulic Slide Gate)

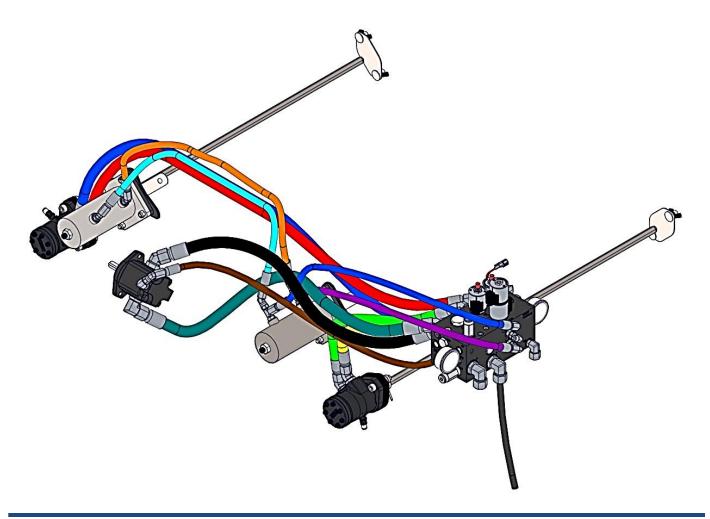


SN#: 21297 - 2\_\_\_\_



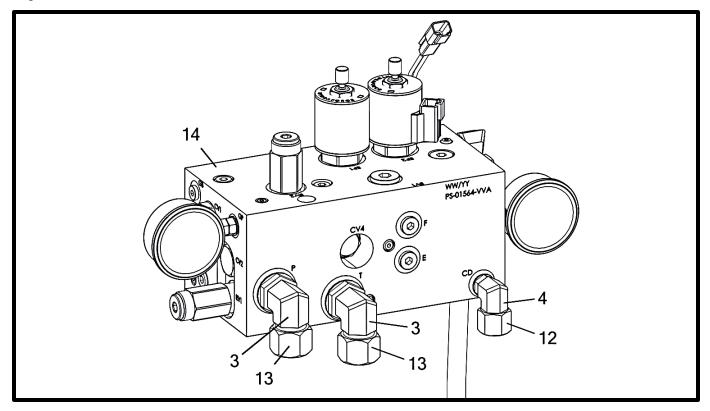
### Hydraulics – 2 Product 1 Section Hoses (Hydraulic Slide Gate)

Item No.	Qty	Part Number	Description
1	1	P000912 (C2)	Hose - Hyd - 1/2" x 75" (#10 F JIC x #10 F JIC)
2	1	P000916 (D2)	Hose - Hyd - 1/2" x 58" (#10 F JIC x #10 F JIC)
3	1	P002419 (D1)	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
4	1	P002419 (C1)	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
5	1	P002601	Hose - Hyd - 3/8" x 39"(#6 F JIC x #6 F JIC)
6	1	P002601	Hose - Hyd - 3/8" x 39"(#6 F JIC x #6 F JIC)
7	1	P002936 (B)	Hose - Hyd - 3/4" x 43" (#12 F JIC x #12 F JIC)
8	1	P002936 (A)	Hose - Hyd - 3/4" x 43" (#12 F JIC x #12 F JIC)
9	1	P002937 (E)	Hose - Hyd - 3/8" x 36" (#6 F JIC x #6 F JIC)
10	1	P002937 (F)	Hose - Hyd - 3/8" x 36" (#6 F JIC x #6 F JIC)
11	1	P002938 (CD)	Hose - Hyd - 3/8" x 42" (#6 F JIC x #6 F JIC)

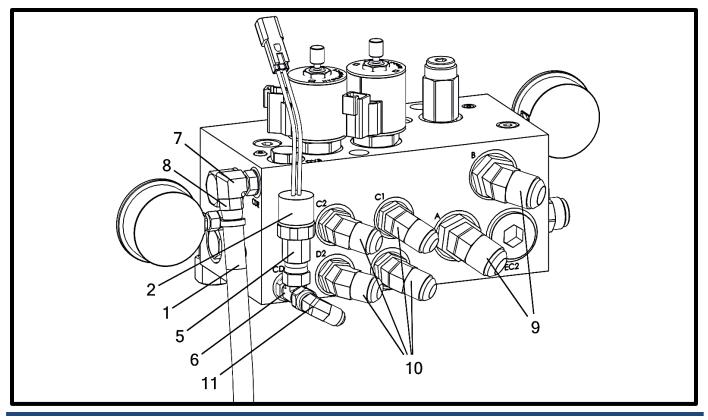




Hydraulic Block - 2 Product - Mechanical Slide Gate - Front View



Hydraulic Block - 2 Product - Mechanical Slide Gate - Rear View



12/04/2023 - REV. B SN#: 21297 - 2\_\_\_\_

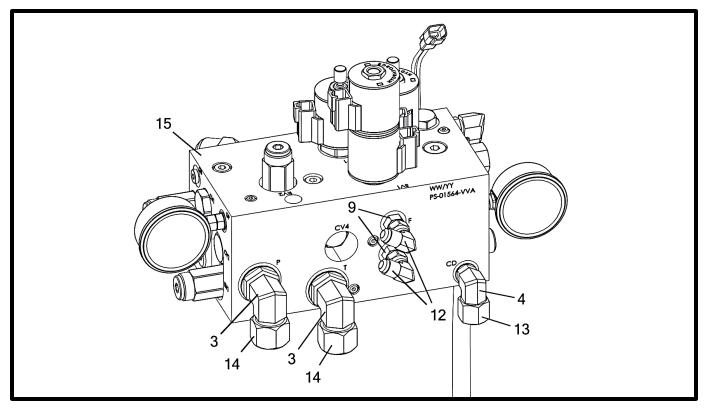


## Hydraulic Block - 2 Product - Mechanical Slide Gate

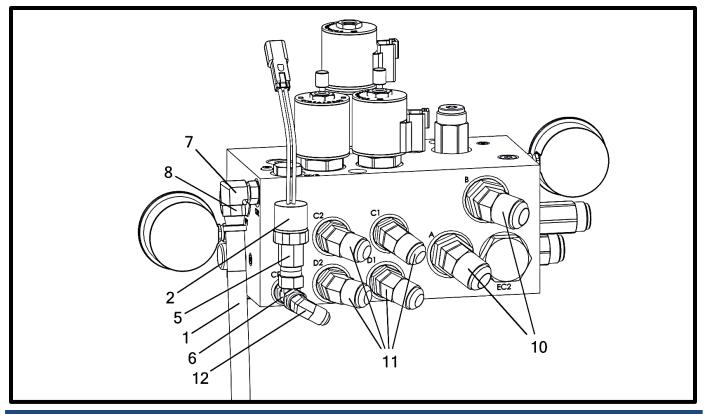
ltem No.	Qty	Part Number	Description
1	1	M001042	Hose - Manifold Case Drain Bypass
2	1	P000378	Switch - Hyd Pressure Sensor (23 PSI) (Case Drain)
3	2	P000385	Fitting - Hyd - #12 M JIC x #12 M O-Ring Elbow 90 (6801-12-12)
		P002585	O-Ring - #12 Buna (4000-12)
4	1	P000386	Fitting - Hyd - #6 M O-Ring x #8 M JIC Elbow 90 (6801-08-06)
		P002582	O-Ring - #6 Buna (4000-06)
5	1	P000388	Fitting - Hyd - #6 F JIC x #4 F Pipe Adapter Union (6506-04-06)
6	1	P000389	Fitting - Hyd - 1&3=#6 M JIC, 2=#6 M O-Ring Tee (6804-06-06-06)
		P002582	O-Ring - #6 Buna (4000-06)
7	1	P000390	Fitting - Hyd - #6 M O-Ring x #6 M JIC Elbow 90 (6801-06-06)
		P002582	O-Ring - #6 Buna (4000-06)
8	1	P000391	Fitting - #6 F JIC Adapter to 3/8" Push-Lock Barb (PB-JCFX-0606)
9	2	P002610	Fitting - Hyd - #12 M O-Ring x #12 M JIC Elbow 45
		P002585	O-Ring - #12 Buna (4000-12)
10	4	P002613	Fitting - Hyd - #10 M O-ring x #10 M JIC Elbow 45
		P002584	O-Ring - #10 Buna (4000-10)
11	1	P002669	Fitting - Hyd - #6 M JIC x #6 F JIC Swivel Elbow 90
12	1	P002703	Fitting - Hyd - #8 F JIC Cap
13	2	P002704	Fitting - Hyd - #12 F JIC Cap
14	1	P003131	Manifold - Hydraulic Dual Product Control (No Slide Gate) (PS-01564-VVA-02)



Hydraulic Block - 2 Product - Hydraulic Slide Gate - Front View



Hydraulic Block - 2 Product - Hydraulic Slide Gate - Rear View



12/04/2023 - REV. B SN#: 21297 - 2\_\_\_\_

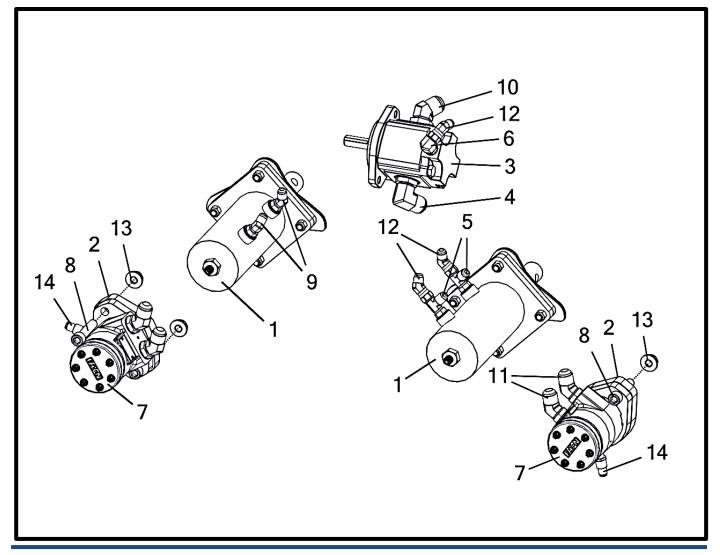


### Hydraulic Block - 2 Product - Hydraulic Slide Gate

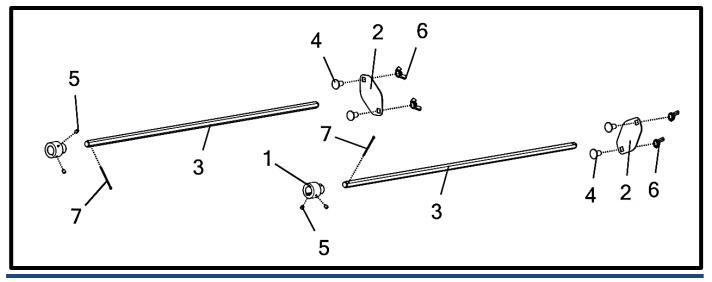
ltem No.	Qty	Part Number	Description
1	1	M001042	Hose - Manifold Case Drain Bypass
2	1	P000378	Switch - Hyd Pressure Sensor (23 PSI) (Case Drain)
3	2	P000385	Fitting - Hyd - #12 M JIC x #12 M O-Ring Elbow 90 (6801-12-12)
		P002585	O-Ring - #12 Buna (4000-12)
4	1	P000386	Fitting - Hyd - #6 M O-Ring x #8 M JIC Elbow 90 (6801-08-06)
		P002582	O-Ring - #6 Buna (4000-06)
5	1	P000388	Fitting - Hyd - #6 F JIC x #4 F Pipe Adapter Union (6506-04-06)
6	1	P000389	Fitting - Hyd - 1&3=#6 M JIC, 2=#6 M O-Ring Tee (6804-06-06-06)
		P002582	O-Ring - #6 Buna (4000-06)
7	1	P000390	Fitting - Hyd - #6 M O-Ring x #6 M JIC Elbow 90 (6801-06-06)
		P002582	O-Ring - #6 Buna (4000-06)
8	1	P000391	Fitting - #6 F JIC Adapter to 3/8" Push-Lock Barb (PB-JCFX-0606)
9	2	P000928	Fitting - Hyd - #6 M O-Ring x #6 M JIC Straight
		P002582	O-Ring - #6 Buna (4000-06)
10	2	P002610	Fitting - Hyd - #12 M O-Ring x #12 M JIC Elbow 45
		P002585	O-Ring - #12 Buna (4000-12)
11	4	P002613	Fitting - Hyd - #10 M O-ring x #10 M JIC Elbow 45
		P002584	O-Ring - #10 Buna (4000-10)
12	3	P002669	Fitting - Hyd - #6 M JIC x #6 F JIC Swivel Elbow 90
13	1	P002703	Fitting - Hyd - #8 F JIC Cap
14	2	P002704	Fitting - Hyd - #12 F JIC Cap
15	1	P003130	Manifold - Hydraulic Dual Product Control (Less Fan Override) (PS-01564-VVA-01)



### **2** Product 1 Section Drive And Fan Motors



#### **1** Section Drive Components



12/04/2023 - REV. B SN#: 21297 - 2\_\_\_\_



#### **Drive And Fan Motors**

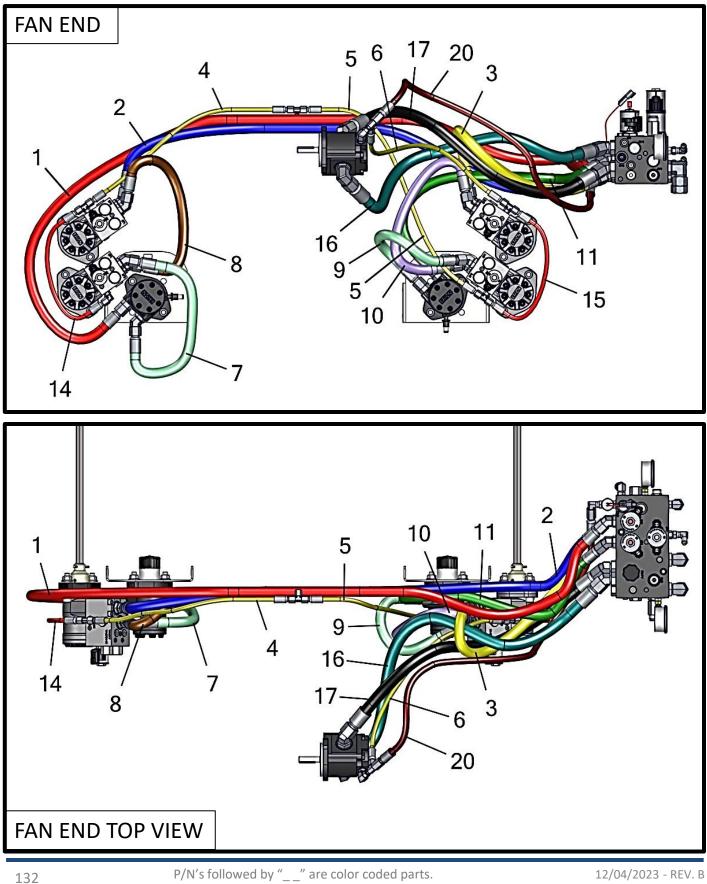
ltem No.	Qty	Part Number	Description
1	2	A002506	Cylinder - Slide Gate Sub-Assembly (Rear Sensor)
2	2	M002604	Plate - Motor Spacer (3/4")
3	1	P000306	Motor - Parker 8 &12 Row Fan (313) 334-9219-313
4	1	P000385	Fitting - Hyd - #12 M JIC x #12 M O-Ring Elbow 90 (6801-12-12)
		P002585	O-Ring - #12 Buna (4000-12)
5	2	P000389	Fitting - Hyd - 1&3=#6 M JIC, 2=#6 M O-Ring Tee (6804-06-06-06)
		P002582	O-Ring - #6 Buna (4000-06)
6	1	P000390	Fitting - Hyd - #6 M O-Ring x #6 M JIC Elbow 90 (6801-06-06)
		P002582	O-Ring - #6 Buna (4000-06)
7	2	P000828	Motor - Hyd. 4.5 CU/IN Char-Lynn w/ Speed Sensor (101-3525-009)
8	4	P002235	Bolt - 1/2-13 x 2.25 x 1.25 Socket Head (F593 304 S/S FB)
9	2	P002432	Fitting - Hyd - #6 M O-Ring x #6 M JIC Elbow 45
		P002582	O-Ring - #6 Buna (4000-06)
10	1	P002610	Fitting - Hyd - #12 M O-Ring x #12 M JIC Elbow 45
		P002585	O-Ring - #12 Buna (4000-12)
11	4	P002613	Fitting - Hyd - #10 M O-ring x #10 M JIC Elbow 45
		P002584	O-Ring - #10 Buna (4000-10)
12	3	P002668	Fitting - Hyd - #6 M JIC x #6 F JIC Swivel Elbow 45
13	4	P002226	Nut - 1/2-13 Flange Nylon Lock (18-8 S/S FB)
14	2	P000926	Sensor - Char-Lynn Motor Speed Sensor (60 Pulse)

### **Drive Components**

ltem No.	Qty	Part Number	Description
1	2	M002152	Coupler - 1" Round w/ Keyway to 5/8" Hex Shaft
2	2	M002272	Plate - Gear Box Drive Shaft Cover Shield
3	2	M002441	Shaft - 5/8" Gen 2 Mini Long Drive"
4	4	P000638	Bolt - 1/2-13 x 1 x 1 Carriage (F593 304 S/S FB)
5	4	P000785	Set Screw - 5/16-18 x 5/16" UNC
6	4	P000911	Nut - 1/2-13 UNC Wing (Nylon)
7	2	P002013	Cotter Pin - 1/8" x 2.64" (S/S)



### Hydraulics – 2 Product 2 Section Hoses



Color codes: AA = Black Paint, ZZ = Gray, ZY = Yellow, ZX = White See inside front cover for details.

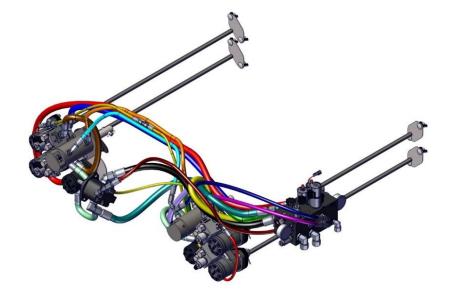
SN#: 21297 - 2\_\_\_\_



### Hydraulics – 2 Section Hoses

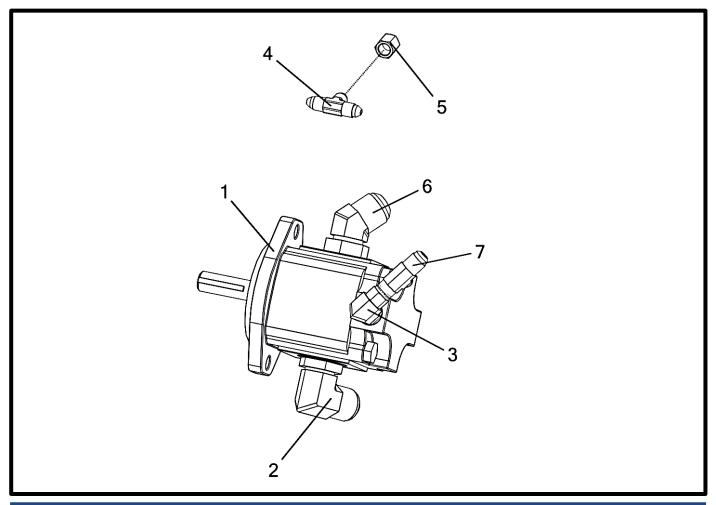
Item No.	Qty	Part Number	Description
1	1	P000912 (C2)	Hose - Hyd - 1/2" x 75" (#10 F JIC x #10 F JIC)
2	1	P000916 (D2)	Hose - Hyd - 1/2" x 58" (#10 F JIC x #10 F JIC)
3	1	P000916 (D1)	Hose - Hyd - 1/2" x 58" (#10 F JIC x #10 F JIC)
4	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
5	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
6	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
7	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
8	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
9	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
10	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
11	1	P002422 (C1)	Hose - Hyd - 1/2" x 48" (#10 F JIC x #10 F JIC)
12	1	P002601	Hose - Hyd - 3/8" x 39"(#6 F JIC x #6 F JIC)
13	1	P002601	Hose - Hyd - 3/8" x 39"(#6 F JIC x #6 F JIC)
14	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
15	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
16	1	P002936 (B)	Hose - Hyd - 3/4" x 43" (#12 F JIC x #12 F JIC)
17	1	P002936 (A)	Hose - Hyd - 3/4" x 43" (#12 F JIC x #12 F JIC)
18	1	P002937 (E)	Hose - Hyd - 3/8" x 36" (#6 F JIC x #6 F JIC)
19	1	P002937 (F)	Hose - Hyd - 3/8" x 36" (#6 F JIC x #6 F JIC)
20	1	P002938 (CD)	Hose - Hyd - 3/8" x 42" (#6 F JIC x #6 F JIC)

#### <u>2 Section Also Requires:</u> Hydraulic Block – pg. 126-129

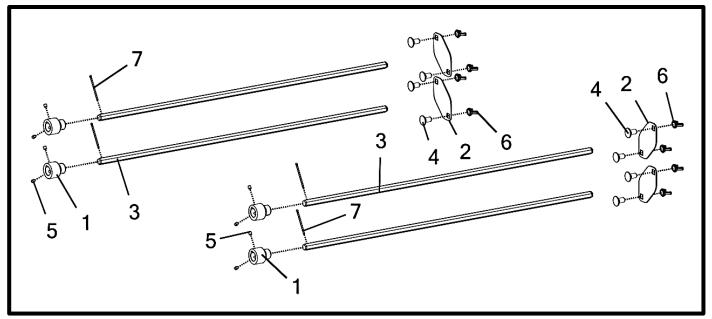




### 2 Section Slide Gate Cylinders, Fan Motor, and Tee Fitting



#### **2** Section Drive Components



12/04/2023 - REV. B SN#: 21297 - 2\_\_\_\_



### 2 Section Slide Gate Cylinders, Fan Motor, and Tee Fitting

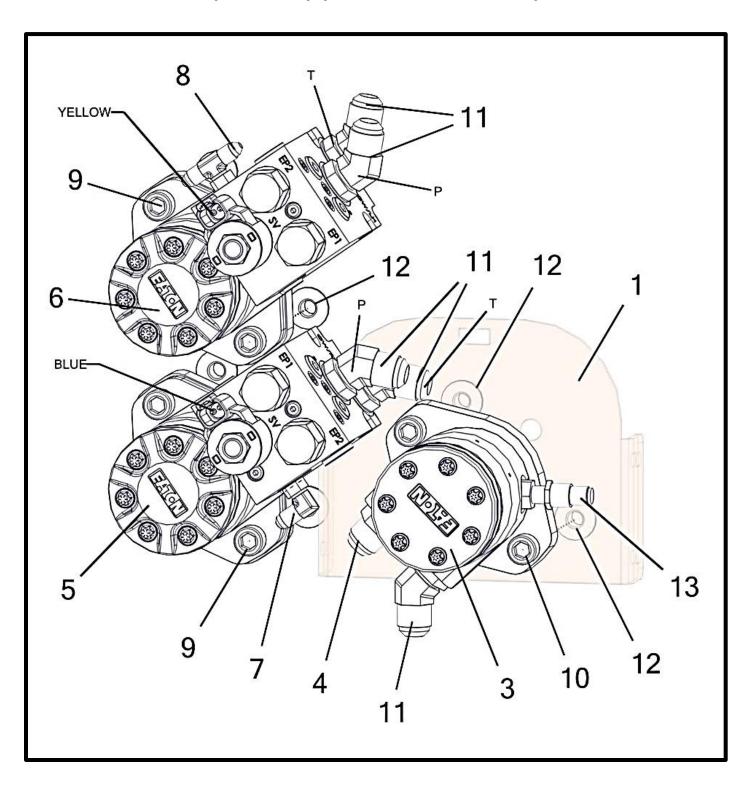
ltem No.	Qty	Part Number	Description
1	1	P000306	Motor - Parker 8 &12 Row Fan (313) 334-9219-313
2	1	P000385	Fitting - Hyd - #12 M JIC x #12 M O-Ring Elbow 90 (6801-12-12)
		P002585	O-Ring - #12 Buna (4000-12)
3	1	P000390	Fitting - Hyd - #6 M O-Ring x #6 M JIC Elbow 90 (6801-06-06)
		P002582	O-Ring - #6 Buna (4000-06)
4	1	P000922	Fitting - Hyd - 1&2&3=#4 M JIC Tee (2603-04-04-04)
5	1	P000923	Fitting - Hyd - #4 F JIC Cap
6	1	P002610	Fitting - Hyd - #12 M O-Ring x #12 M JIC Elbow 45
		P002585	O-Ring - #12 Buna (4000-12)
7	1	P002940	Fitting - Hyd - 1=#6 M JIC, 2=#6 F JIC, 3=#4 M JIC Tee (6602-06-06-04)

### **2** Section Drive Components

ltem No.	Qty	Part Number	Description
1	4	M002152	Coupler - 1" Round w/ Keyway to 5/8" Hex Shaft
2	4	M002272	Plate - Gear Box Drive Shaft Cover Shield
3	4	M002441	Shaft - 5/8" Gen 2 Mini Long Drive"
4	8	P000638	Bolt - 1/2-13 x 1 x 1 Carriage (F593 304 S/S FB)
5	8	P000785	Set Screw - 5/16-18 x 5/16" UNC
6	8	P000911	Nut - 1/2-13 UNC Wing (Nylon)
7	4	P002013	Cotter Pin - 1/8" x 2.64" (S/S)



Speed Sensor & Drive Motors – Tank 2 (Fan End) (2, 3, And 4 Section)





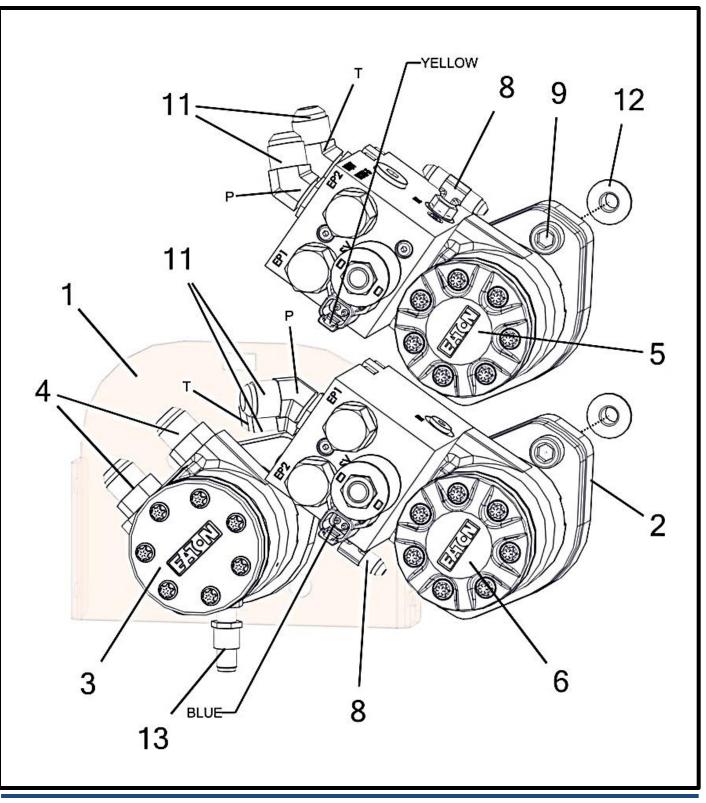
### Speed Sensor & Drive Motors – Tank 2 (Fan End) (2, 3, And 4 Section)

ltem No.	Qty	Part Number	Description
1	2	A002155	Bracket Assembly- Encoder Motor Mounting
2	4	M002604	Plate - Motor Spacer (3/4")
3	2	P000828	Motor - Hyd. 4.5 CU/IN Char-Lynn w/ Speed Sensor (101-3525-009)
4	3	P000836	Fitting - Hyd - #10 M O-Ring x #10 M JIC Straight
		P002584	O-Ring - #10 Buna (4000-10)
5	2	P000881 *	Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CW) (MA2783-15)
6	2	P000882 *	Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CCW) (MA2784-15)
7	1	P000917	Fitting - Hyd - #4 M O-Ring x #4 M JIC Elbow 90
		P002581	O-Ring - #4 Buna (4000-04)
8	3	P000918	Fitting - Hyd - 1&2=#4 M JIC, 3=#4 M O-Ring Tee
		P002581	O-Ring - #4 Buna (4000-04)
9	8	P002235	Bolt - 1/2-13 x 2.25 x 1.25 Socket Head (F593 304 S/S FB)
10	4	P002237	Bolt - 1/2-13 x 1.5 x 1.25 Socket Head (F593 304 S/S FB)
11	9	P002613	Fitting - Hyd - #10 M O-ring x #10 M JIC Elbow 45
		P002584	O-Ring - #10 Buna (4000-10)
12	12	P002226	Nut - 1/2-13 Flange Nylon Lock (18-8 S/S FB)
13	2	P000926	Sensor - Char-Lynn Motor Speed Sensor (60 Pulse)

\*See Pg. 140-141 for P000881 Breakdown \*See Pg. 142-143 for P000882 Breakdown



### Speed Sensor & Drive Motors – Tank 1 (Fan End) (2, 4, And 4 Section)





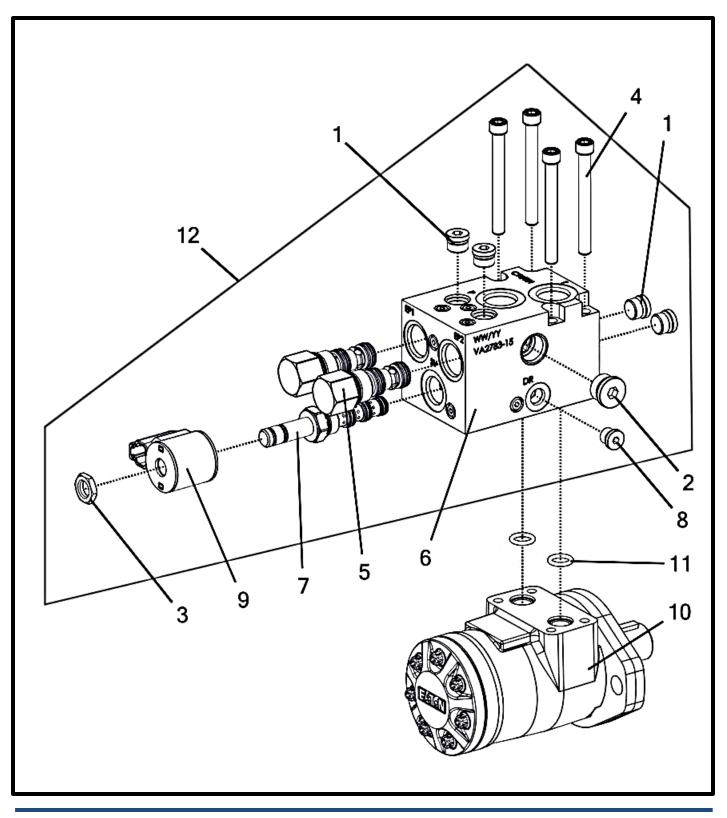
### Speed Sensor & Drive Motors – Tank 1 (Fan End) (2, 3, And 4 Section)

ltem No.	Qty	Part Number	Description
1	2	A002155	Bracket Assembly- Encoder Motor Mounting
2	4	M002604	Plate - Motor Spacer (3/4")
3	2	P000828	Motor - Hyd. 4.5 CU/IN Char-Lynn w/ Speed Sensor (101-3525-009)
4	3	P000836	Fitting - Hyd - #10 M O-Ring x #10 M JIC Straight
		P002584	O-Ring - #10 Buna (4000-10)
5	2	P000881 *	Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CW) (MA2783-15)
6	2	P000882 *	Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CCW) (MA2784-15)
7	1	P000917	Fitting - Hyd - #4 M O-Ring x #4 M JIC Elbow 90
		P002581	O-Ring - #4 Buna (4000-04)
8	3	P000918	Fitting - Hyd - 1&2=#4 M JIC, 3=#4 M O-Ring Tee
		P002581	O-Ring - #4 Buna (4000-04)
9	8	P002235	Bolt - 1/2-13 x 2.25 x 1.25 Socket Head (F593 304 S/S FB)
10	4	P002237	Bolt - 1/2-13 x 1.5 x 1.25 Socket Head (F593 304 S/S FB)
11	9	P002613	Fitting - Hyd - #10 M O-ring x #10 M JIC Elbow 45
		P002584	O-Ring - #10 Buna (4000-10)
12	12	P002226	Nut - 1/2-13 Flange Nylon Lock (18-8 S/S FB)
13	2	P000926	Sensor - Char-Lynn Motor Speed Sensor (60 Pulse)

\*See Pg. 140-141 for P000881 Breakdown \*See Pg. 142-143 for P000882 Breakdown



Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CW) (MA2783-15)



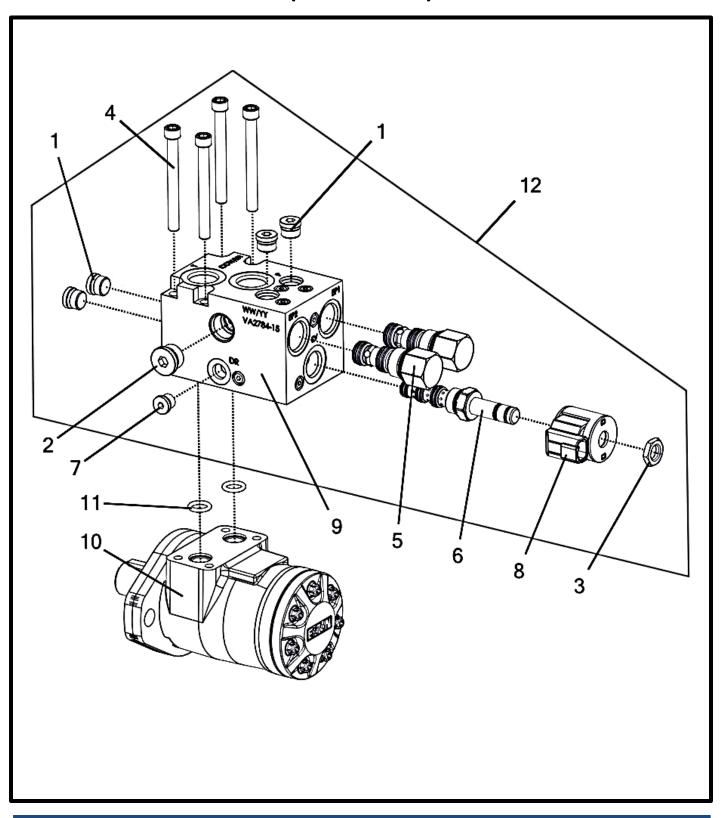


### Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CW) (MA2783-15)

ltem No.	Qty	Part Number	Description
		P000881	Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CW) (MA2783-15)
1	4	P000788	Plug - Hyd #06 O-Ring 6408-HHP-06
		P002582	O-Ring - #6 Buna (4000-06)
2	1	P000789	Plug - Hyd #08 O-Ring 6408-HHP-08
		P002583	O-Ring - #8 Buna (4000-08)
3	1	P002517	Nut - Coil 7004400
4	4	P002518	Bolt - 5/16-18 x 3 x 0.875 Socket Head (F593 304 S/S FB)
5	2	P002519	Valve - #10 Piloted Spool Type Logic Element 10 PSI EP10-S35-0-N-10
		P002570	Kit - SK10-3N-MM Replacement Seal
6	1	P002520	Block - Hydraulic Motor Drive (VA2783-15)
7	1	P002521	Valve - #8 Spool, 4-Way, 2-Position SV08-40-0-N-00
		P002580	Kit - SK08-4N-MMM Replacement Seal
8	1	P000787	Plug - Hyd #04 O-Ring 6408-HHP-04
		P002581	O-Ring - #4 Buna (4000-04)
9	1	P002523	E-Coil - #8, 12 VDC, Deutsch DT04-2P (4303612)
10	1	P002734	Motor - Hyd. Ported H-Series 4.5 CID (101-1042-009)
11	2	P002735	O-Ring50" x .09" CS Buna (1-112-70N)
12	1	P002524	Manifold - Hyd. Motor On/Off Control (VA2783-15)



Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CCW) (MA2784-15)



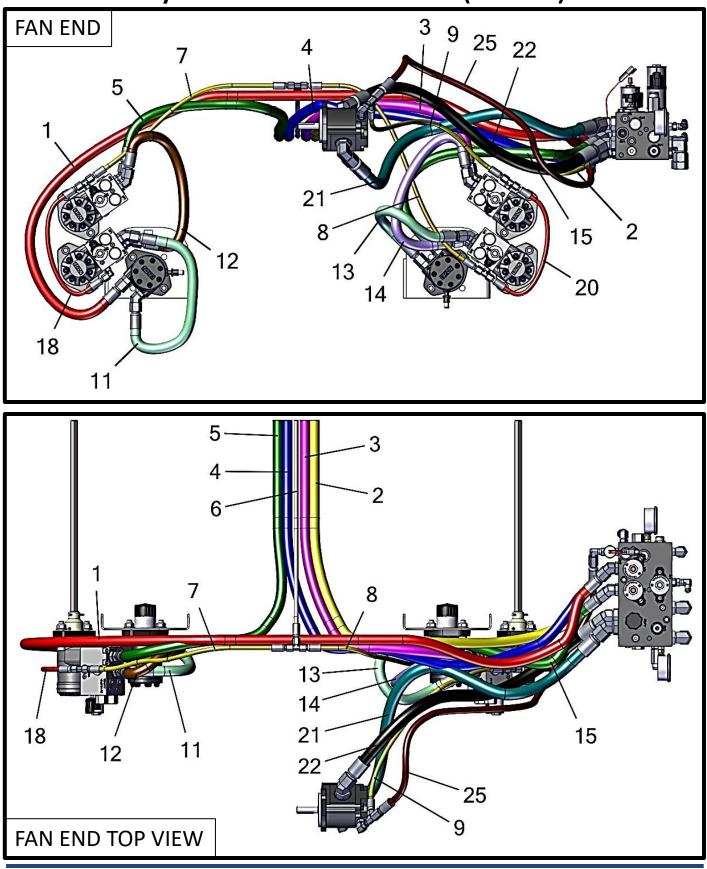


### Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CCW) (MA2784-15)

ltem No.	Qty	Part Number	Description
		P000882	Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CCW) (MA2784-15)
1	4	P000788	Plug - Hyd #06 O-Ring 6408-HHP-06
		P002582	O-Ring - #6 Buna (4000-06)
2	1	P000789	Plug - Hyd #08 O-Ring 6408-HHP-08
		P002583	O-Ring - #8 Buna (4000-08)
3	1	P002517	Nut - Coil 7004400
4	4	P002518	Bolt - 5/16-18 x 3 x 0.875 Socket Head (F593 304 S/S FB)
5	2	P002519	Valve - #10 Piloted Spool Type Logic Element 10 PSI EP10-S35-0-N-10
		P002570	Kit - SK10-3N-MM Replacement Seal
6	1	P002521	Valve - #8 Spool, 4-Way, 2-Position SV08-40-0-N-00
		P002580	Kit - SK08-4N-MMM Replacement Seal
7	1	P000787	Plug - Hyd #04 O-Ring 6408-HHP-04
		P002581	O-Ring - #4 Buna (4000-04)
8	1	P002523	E-Coil - #8, 12 VDC, Deutsch DT04-2P (4303612)
9	1	P002527	Block - Hydraulic Motor Drive (VA2784-15)
10	1	P002734	Motor - Hyd. Ported H-Series 4.5 CID (101-1042-009)
11	2	P002735	O-Ring50" x .09" CS Buna (1-112-70N)
12	1	P002526	Manifold - Hyd. Motor On/Off Control (VA2784-15)



### Hydraulics – 3 Section Hoses (Fan End)



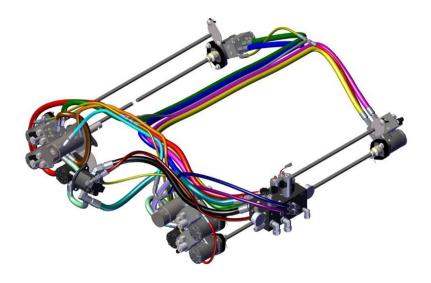
12/04/2023 - REV. B SN#: 21297 - 2\_\_\_\_



# Hydraulics – 3 Section Hoses (Fan End)

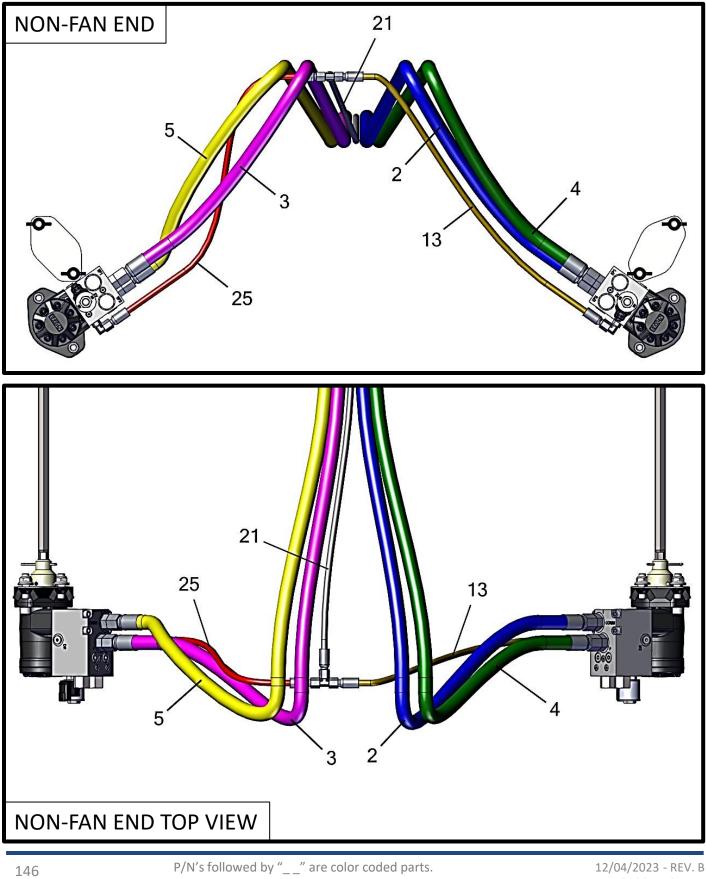
ltem No.	Qty	Part Number	Description
1	1	P000912 (C2)	Hose - Hyd - 1/2" x 75" (#10 F JIC x #10 F JIC)
2	1	P002200 (D1)	Hose - Hyd - 1/2" x 97" (#10 F JIC x #10 F JIC)
3	1	P002200	Hose - Hyd - 1/2" x 97" (#10 F JIC x #10 F JIC)
4	1	P002200 (D2)	Hose - Hyd - 1/2" x 97" (#10 F JIC x #10 F JIC)
5	1	P002200	Hose - Hyd - 1/2" x 97" (#10 F JIC x #10 F JIC)
6	1	P002201	Hose - Hyd - 1/4" x 61" (#4 F JIC x #4 F JIC)
7	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
8	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
9	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
10	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
11	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
12	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
13	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
14	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
15	1	P002422 (C1)	Hose - Hyd - 1/2" x 48" (#10 F JIC x #10 F JIC)
16	1	P002601	Hose - Hyd - 3/8" x 39"(#6 F JIC x #6 F JIC)
17	1	P002601	Hose - Hyd - 3/8" x 39"(#6 F JIC x #6 F JIC)
18	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
19	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
20	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
21	1	P002936 (B)	Hose - Hyd - 3/4" x 43" (#12 F JIC x #12 F JIC)
22	1	P002936 (A)	Hose - Hyd - 3/4" x 43" (#12 F JIC x #12 F JIC)
23	1	P002937 (E)	Hose - Hyd - 3/8" x 36" (#6 F JIC x #6 F JIC)
24	1	P002937 (F)	Hose - Hyd - 3/8" x 36" (#6 F JIC x #6 F JIC)
25	1	P002938 (CD)	Hose - Hyd - 3/8" x 42" (#6 F JIC x #6 F JIC)

<u>3 Section Also Requires:</u> Hydraulic Block – pg. 126-129 Fan-End Motors – pg. 136-139







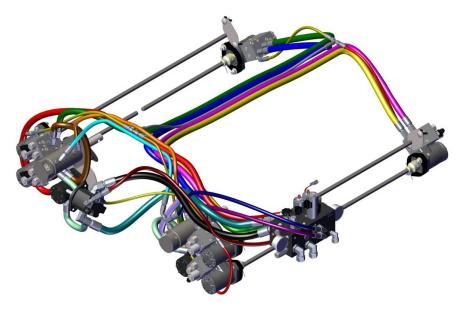






# Hydraulics – 3 Section Hoses (Non-Fan End)

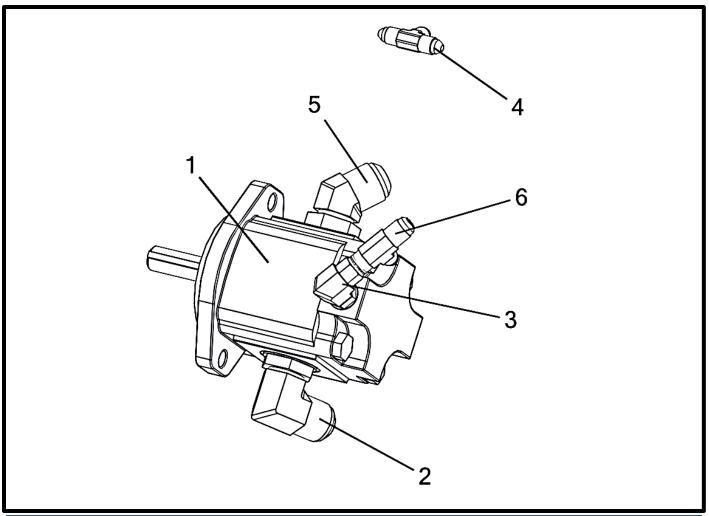
ltem No.	Qty	Part Number	Description
1	1	P000912 (C2)	Hose - Hyd - 1/2" x 75" (#10 F JIC x #10 F JIC)
2	1	P002200 (D1)	Hose - Hyd - 1/2" x 97" (#10 F JIC x #10 F JIC)
3	1	P002200	Hose - Hyd - 1/2" x 97" (#10 F JIC x #10 F JIC)
4	1	P002200 (D2)	Hose - Hyd - 1/2" x 97" (#10 F JIC x #10 F JIC)
5	1	P002200	Hose - Hyd - 1/2" x 97" (#10 F JIC x #10 F JIC)
6	1	P002201	Hose - Hyd - 1/4" x 61" (#4 F JIC x #4 F JIC)
7	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
8	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
9	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
10	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
11	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
12	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
13	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
14	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
15	1	P002422 (C1)	Hose - Hyd - 1/2" x 48" (#10 F JIC x #10 F JIC)
16	1	P002601	Hose - Hyd - 3/8" x 39"(#6 F JIC x #6 F JIC)
17	1	P002601	Hose - Hyd - 3/8" x 39"(#6 F JIC x #6 F JIC)
18	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
19	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
20	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
21	1	P002936 (B)	Hose - Hyd - 3/4" x 43" (#12 F JIC x #12 F JIC)
22	1	P002936 (A)	Hose - Hyd - 3/4" x 43" (#12 F JIC x #12 F JIC)
23	1	P002937 (E)	Hose - Hyd - 3/8" x 36" (#6 F JIC x #6 F JIC)
24	1	P002937 (F)	Hose - Hyd - 3/8" x 36" (#6 F JIC x #6 F JIC)
25	1	P002938 (CD)	Hose - Hyd - 3/8" x 42" (#6 F JIC x #6 F JIC)



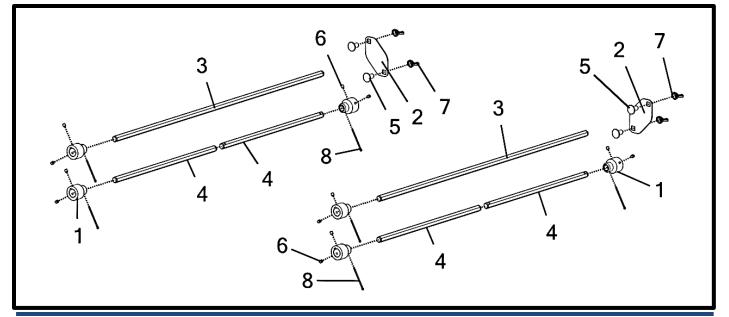
# 2208 (2019-2023)



# 3 & 4 Section Slide Gate Cylinders, Fan Motor, and Tee Fitting



#### **3 Section Drive Shafts**



12/04/2023 - REV. B SN#: 21297 - 2\_\_\_\_



# 3 & 4 Section Slide Gate Cylinders, Fan Motor, and Tee Fitting

Item No.	Qty	Part Number	Description	
1	1	P000306	Motor - Parker 8 &12 Row Fan (313) 334-9219-313	
2	1	P000385	Fitting - Hyd - #12 M JIC x #12 M O-Ring Elbow 90 (6801-12-12)	
		P002585	O-Ring - #12 Buna (4000-12)	
3	1	P000390	Fitting - Hyd - #6 M O-Ring x #6 M JIC Elbow 90 (6801-06-06)	
		P002582	O-Ring - #6 Buna (4000-06)	
4	1	P000922	Fitting - Hyd - 1&2&3=#4 M JIC Tee (2603-04-04-04)	
5	1	P002610	Fitting - Hyd - #12 M O-Ring x #12 M JIC Elbow 45	
		P002585	O-Ring - #12 Buna (4000-12)	
6	1	P002940	Fitting - Hyd - 1=#6 M JIC, 2=#6 F JIC, 3=#4 M JIC Tee (6602-06-06-04)	

### **3 Section Drive Shafts**

ltem No.	Qty	Part Number	Description
1	6	M002152	Coupler - 1" Round w/ Keyway to 5/8" Hex Shaft
2	2	M002272	Plate - Gear Box Drive Shaft Cover Shield
3	2	M002441	Shaft - 5/8" Gen 2 Mini Long Drive"
4	4	M002602	Shaft - 5/8" Gen 2 Mini Drive (Half)
5	4	P000638	Bolt - 1/2-13 x 1 x 1 Carriage (F593 304 S/S FB)
6	12	P000785	Set Screw - 5/16-18 x 5/16" UNC
7	4	P000911	Nut - 1/2-13 UNC Wing (Nylon)
8	6	P002013	Cotter Pin - 1/8" x 2.64" (S/S)

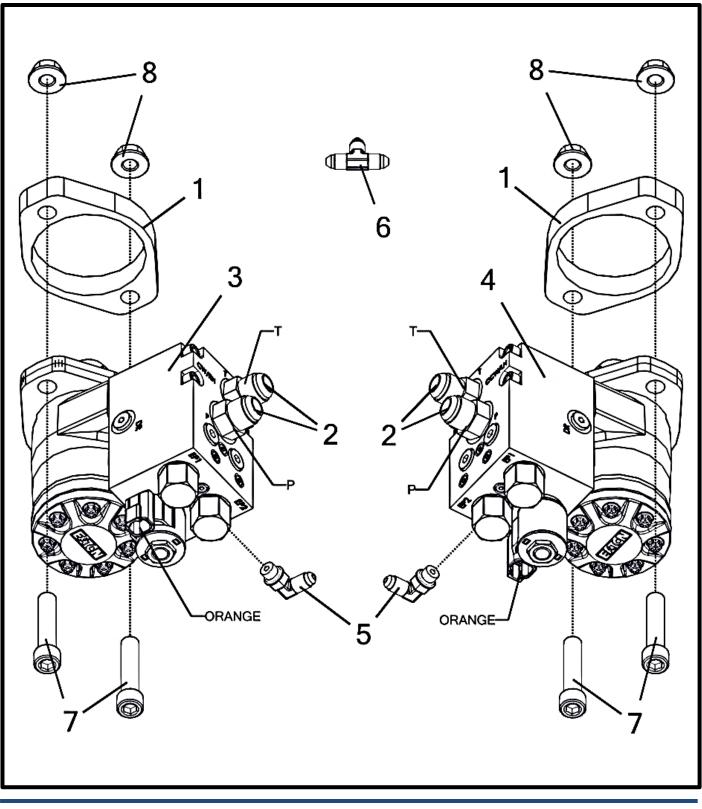
12/04/2023 - REV. B SN#: 21297 - 2\_\_\_\_

Color codes: AA = Black Paint, ZZ = Gray, ZY = Yellow, ZX = White

See inside front cover for details.



# 3 Section Rear Drive Motors and Tee Fitting (Non-Fan End)





# **3** Section Rear Drive Motors and Tee Fitting (Non-Fan End)

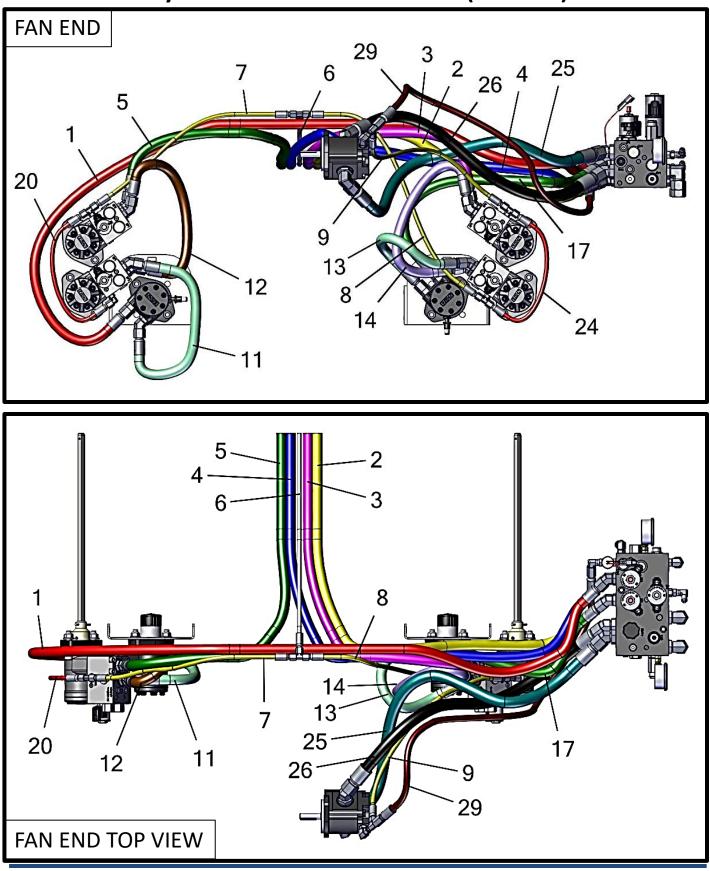
ltem No.	Qty	Part Number	Description	
1	2	M002604	Plate - Motor Spacer (3/4")	
2	4	P000836	Fitting - Hyd - #10 M O-Ring x #10 M JIC Straight	
		P002584	O-Ring - #10 Buna (4000-10)	
3	1	P000881 *	Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CW) (MA2783-15)	
4	1	P000882 *	Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CCW) (MA2784-15)	
5	2	P000917	Fitting - Hyd - #4 M O-Ring x #4 M JIC Elbow 90	
		P002581	O-Ring - #4 Buna (4000-04)	
6	1	P000922	Fitting - Hyd - 1&2&3=#4 M JIC Tee (2603-04-04-04)	
7	4	P002235	Bolt - 1/2-13 x 2.25 x 1.25 Socket Head (F593 304 S/S FB)	
8	4	P002226	Nut - 1/2-13 Flange Nylon Lock (18-8 S/S FB)	

\*See Pg. 140-141 for P000881 Breakdown \*See Pg. 142-143 for P000882 Breakdown

### 2208 (2019-2023)



### Hydraulics – 4 Section Hoses (Fan End)



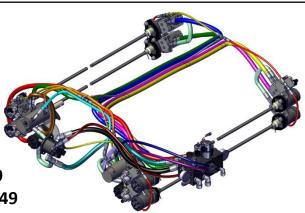
152



#### Hydraulics – 4 Section Hoses (Fan End)

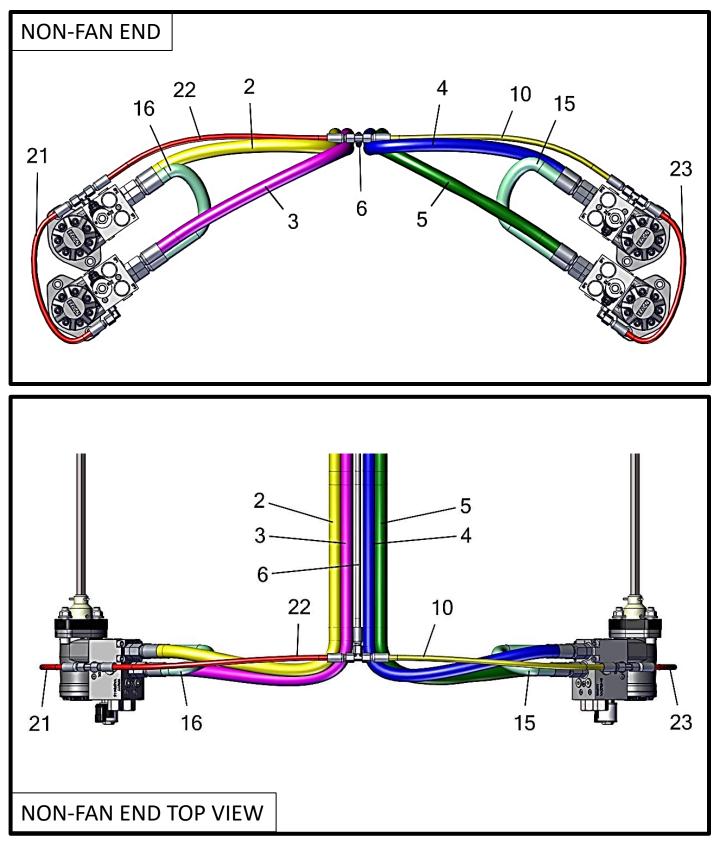
·			
ltem No.	Qty	Part Number	Description
1	1	P000912 (C2)	Hose - Hyd - 1/2" x 75" (#10 F JIC x #10 F JIC)
2	1	P002200 (D1)	Hose - Hyd - 1/2" x 97" (#10 F JIC x #10 F JIC)
3	1	P002200	Hose - Hyd - 1/2" x 97" (#10 F JIC x #10 F JIC)
4	1	P002200 (D2)	Hose - Hyd - 1/2" x 97" (#10 F JIC x #10 F JIC)
5	1	P002200	Hose - Hyd - 1/2" x 97" (#10 F JIC x #10 F JIC)
6	1	P002201	Hose - Hyd - 1/4" x 61" (#4 F JIC x #4 F JIC)
7	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
8	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
9	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
10	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
11	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
12	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
13	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
14	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
15	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
16	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
17	1	P002422 (D1)	Hose - Hyd - 1/2" x 48" (#10 F JIC x #10 F JIC)
18	1	P002601	Hose - Hyd - 3/8" x 39"(#6 F JIC x #6 F JIC)
19	1	P002601	Hose - Hyd - 3/8" x 39"(#6 F JIC x #6 F JIC)
20	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
21	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
22	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
23	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
24	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
25	1	P002936 (B)	Hose - Hyd - 3/4" x 43" (#12 F JIC x #12 F JIC)
26	1	P002936 (A)	Hose - Hyd - 3/4" x 43" (#12 F JIC x #12 F JIC)
27	1	P002937 (E)	Hose - Hyd - 3/8" x 36" (#6 F JIC x #6 F JIC)
28	1	P002937 (F)	Hose - Hyd - 3/8" x 36" (#6 F JIC x #6 F JIC)
29	1	P002938 (CD)	Hose - Hyd - 3/8" x 42" (#6 F JIC x #6 F JIC)

<u>4 Section Also Requires:</u> Hydraulic Block – pg. 126-129 Fan-End Motors / Speed Sensor – pg. 136-139 Slide Gate Cylinders and Center Tee – pg. 148-149





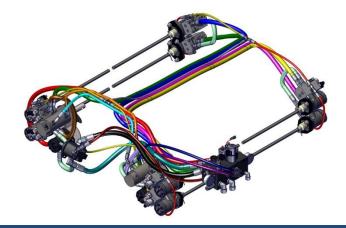






# Hydraulics – 4 Section Hoses (Non-Fan End)

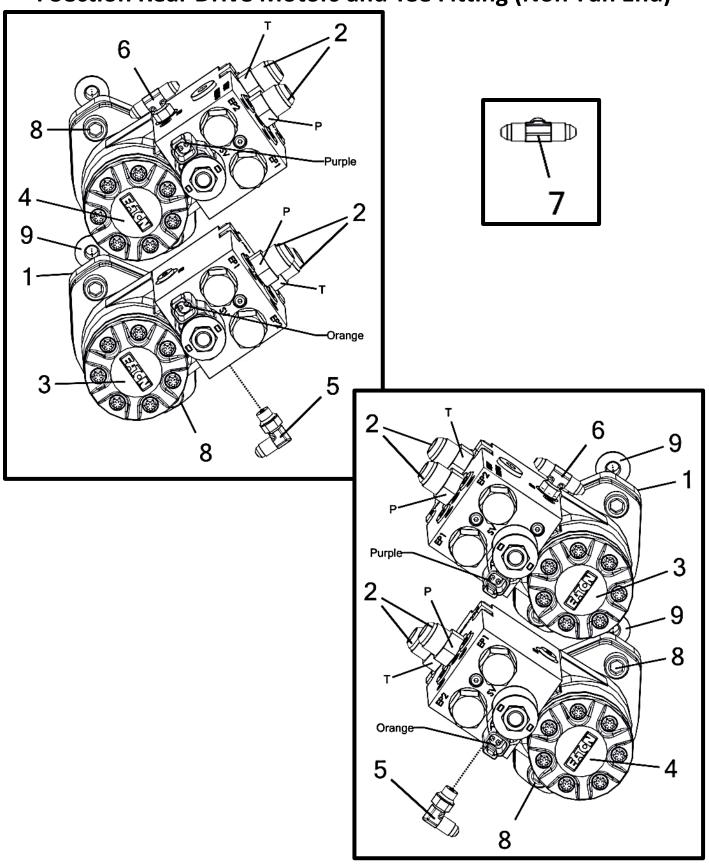
-		-	-
Item No.	Qty	Part Number	Description
1	1	P000912 (C2)	Hose - Hyd - 1/2" x 75" (#10 F JIC x #10 F JIC)
2	1	P002200 (D1)	Hose - Hyd - 1/2" x 97" (#10 F JIC x #10 F JIC)
3	1	P002200	Hose - Hyd - 1/2" x 97" (#10 F JIC x #10 F JIC)
4	1	P002200 (D2)	Hose - Hyd - 1/2" x 97" (#10 F JIC x #10 F JIC)
5	1	P002200	Hose - Hyd - 1/2" x 97" (#10 F JIC x #10 F JIC)
6	1	P002201	Hose - Hyd - 1/4" x 61" (#4 F JIC x #4 F JIC)
7	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
8	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
9	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
10	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
11	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
12	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
13	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
14	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
15	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
16	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
17	1	P002422 (D1)	Hose - Hyd - 1/2" x 48" (#10 F JIC x #10 F JIC)
18	1	P002601	Hose - Hyd - 3/8" x 39"(#6 F JIC x #6 F JIC)
19	1	P002601	Hose - Hyd - 3/8" x 39"(#6 F JIC x #6 F JIC)
20	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
21	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
22	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
23	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
24	1	P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
25	1	P002936 (B)	Hose - Hyd - 3/4" x 43" (#12 F JIC x #12 F JIC)
26	1	P002936 (A)	Hose - Hyd - 3/4" x 43" (#12 F JIC x #12 F JIC)
27	1	P002937 (E)	Hose - Hyd - 3/8" x 36" (#6 F JIC x #6 F JIC)
28	1	P002937 (F)	Hose - Hyd - 3/8" x 36" (#6 F JIC x #6 F JIC)
29	1	P002938 (CD)	Hose - Hyd - 3/8" x 42" (#6 F JIC x #6 F JIC)



2208 (2019-2023)



# 4 Section Rear Drive Motors and Tee Fitting (Non-Fan End)



P/N's followed by "\_\_" are color coded parts. Color codes: AA = Black Paint, ZZ = Gray, ZY = Yellow, ZX = White See inside front cover for details.



# 4 Section Rear Drive Motors and Tee Fitting (Non-Fan End)

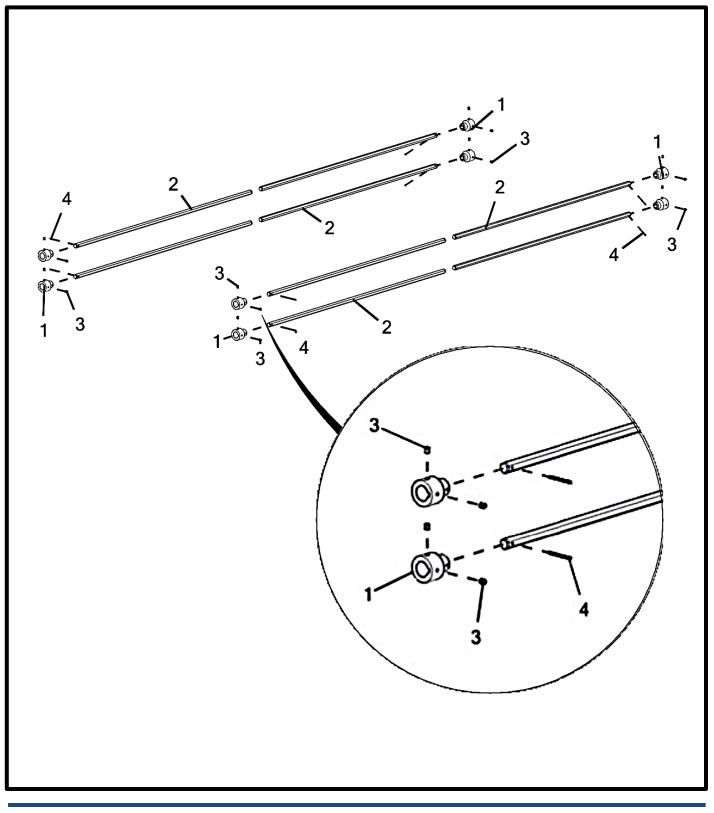
ltem No.	Qty	Part Number	Description	
1	4	M002604	Plate - Motor Spacer (3/4")	
2	8	P000836	Fitting - Hyd - #10 M O-Ring x #10 M JIC Straight	
		P002584	O-Ring - #10 Buna (4000-10)	
3	2	P000881	Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CW) (MA2783-15)	
4	2	P000882	Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CCW) (MA2784-15)	
5	2	P000917	Fitting - Hyd - #4 M O-Ring x #4 M JIC Elbow 90	
		P002581	O-Ring - #4 Buna (4000-04)	
6	2	P000918	Fitting - Hyd - 1&2=#4 M JIC, 3=#4 M O-Ring Tee	
		P002581	O-Ring - #4 Buna (4000-04)	
7	1	P000922	Fitting - Hyd - 1&2&3=#4 M JIC Tee (2603-04-04-04)	
8	8	P002235	Bolt - 1/2-13 x 2.25 x 1.25 Socket Head (F593 304 S/S FB)	
9	8	P002226	Nut - 1/2-13 Flange Nylon Lock (18-8 S/S FB)	

\*See Pg. 140-141 for P000881 Breakdown

\*\*See Pg. 142-143 for P000882 Breakdown



# **4 Section Drive Shafts**

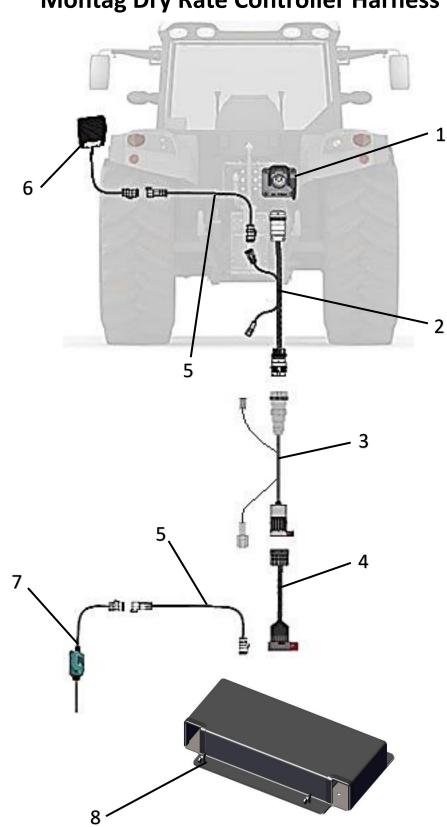




# **4 Section Drive Shafts**

Item No.	Qty.	Part Number	Description
1	8	M002152	Coupler - 1" Round w/ Keyway to 5/8" Hex Shaft
2	8	M002242	Shaft - 5/8" Short Drive
3	16	P000785	Set Screw - 5/16-18 x 5/16" UNC
4	8	P002013	Cotter Pin - 1/8in x 1.75in (S/S)





# **Montag Dry Rate Controller Harness**

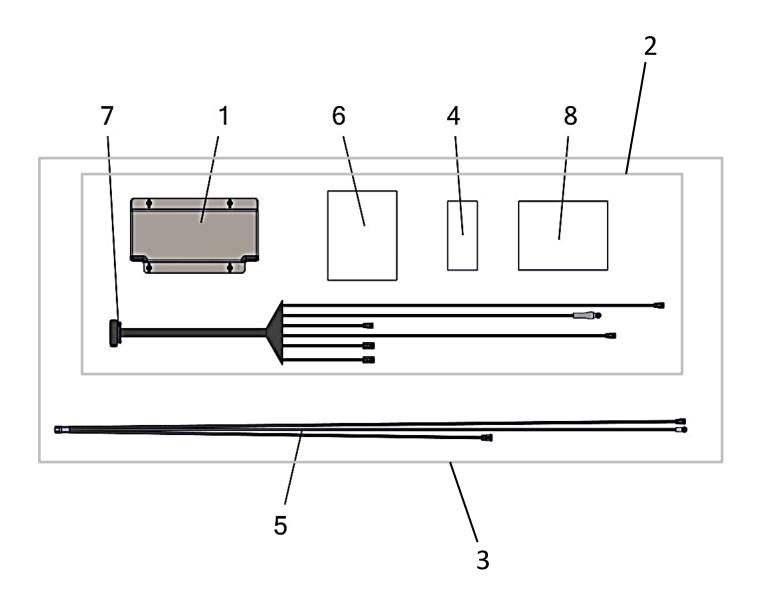


# **Montag Dry Rate Controller Harness**

ITEM NO.	Description	P/N	Montag P/N
1	Tractor ISO Connection		
2	Harness - ISOBUS To ISOBUS Cable Extension (13')	ME0502040-13	P002423
	Harness - ISOBUS To ISOBUS Cable Extension (28')	ME0502040-28	P002424
	Harness - ISOBUS To ISOBUS Cable Extension (43')	ME0502040-43	P002425
3	Harness - ISOBUS to ECU Cable (13')	ME0502001-13	P002410
	Harness - ISOBUS to ECU Cable (28')	ME0502001-28	P002334
	Harness - ISOBUS to ECU Cable (43')	ME0502001-43	P002395
4	Harness - Main ISOBUS Backbone Extension (13')	ME0502037-13	P002344
	Harness - Main ISOBUS Backbone Extension (28')	ME0502037-28	P002345
	Harness - Main ISOBUS Backbone Extension (43')	ME0502037-43	P002346
5	Harness - Foot Pedal Master Switch Extension (15')	ME052001	P002341
6	Switch - Remote Foot Pedal Master	ME052000	P002340
7	Sensor - Implement Height Switch	ME052003	P002391
8	Kit - Montag ISO 1 Product RC (2X08) w/ 28' Harness		K002384
	Kit - Montag ISO 2 Product RC (2X08) w/ 28' Harness		K002385



# **Rate Controller Kit**



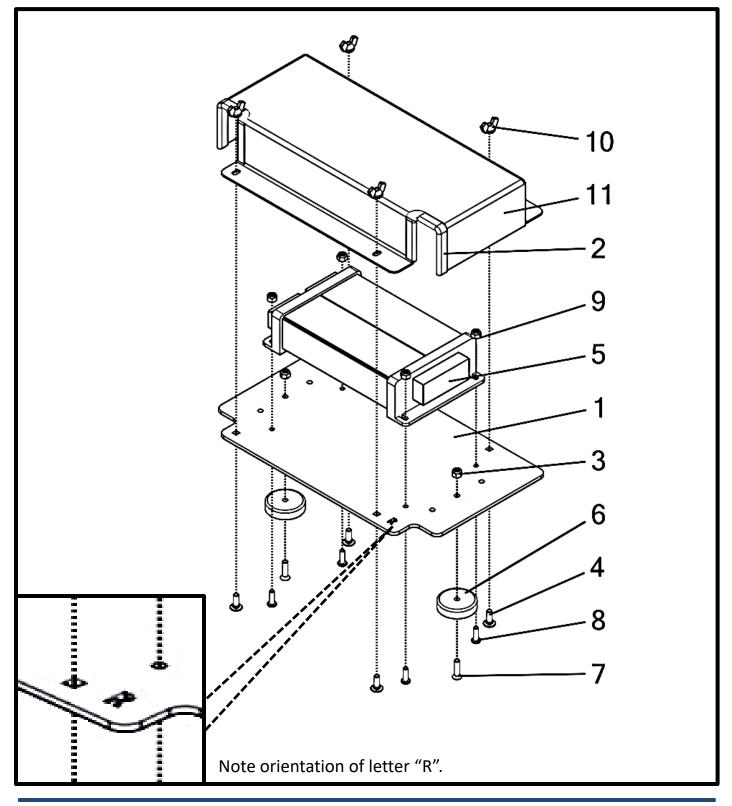


### **Rate Controller Kit**

ltem No.	Qty	Part Number	Description	
1	1	A002430	ECU - Montag Dry Rate Controller w/Mag. Mount	
2	1	K002384	Kit - Montag ISO 1 Product RC (2X08) w/ 28' Harness	
3	1	K002385	Kit - Montag ISO 2 Product RC (2X08) w/ 28' Harness	
4	1	P002957	Document - Montag DRC QR Guide For 2.02.02.00	
5	1	P003070	Harness - MDRC ISO 2108/2208 Dual Product Aux.	
6	1	P003071	Document - Montag DRC Operation Manual For 02.02.05.00	
7	1	P003166	Harness - MDRC ISO 2108/2208 Single Product w/Sections	
8	1	P003169	Document - Montag Dry Rate Controller Assembly and Installation Instructions	



**ECU - Mount and Enclosure** 

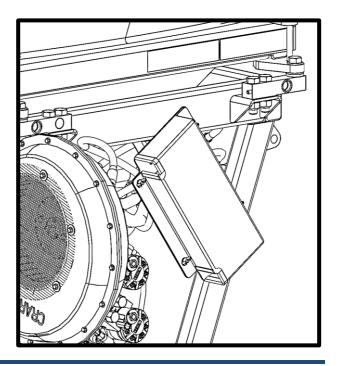




# **ECU - Mount and Enclosure**

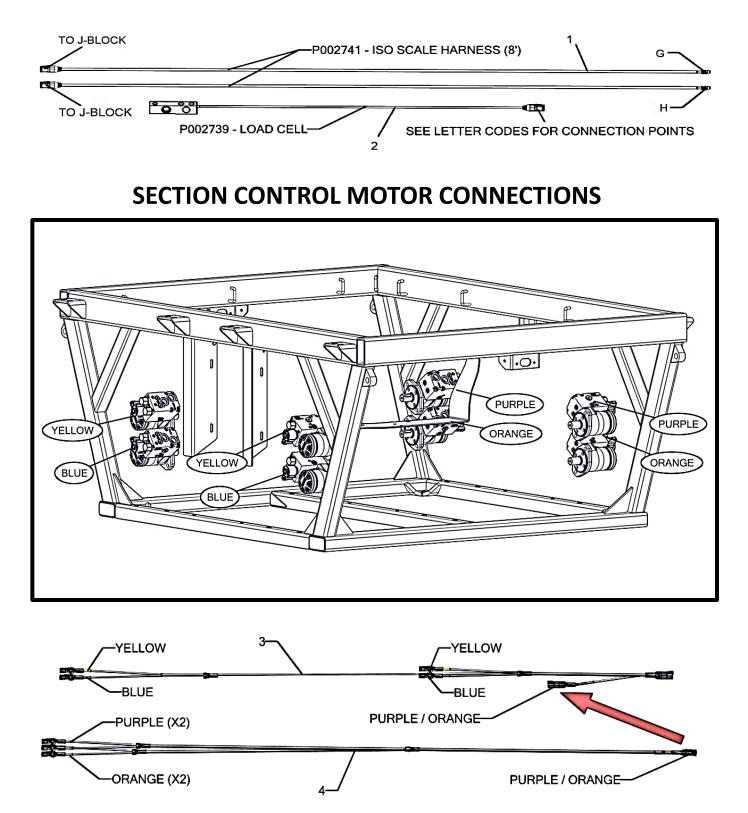
ltem No.	Qty	Part Number	Description	
		A002430	ECU - Montag Dry Rate Controller w/Mag. Mount	
1	1	M003150	Bracket - Montag MIDI ECU Mount Plate	
2	2	M003151	Trim - ECU Cover Edge (7")	
3	2	P000103	Nut - 1/4-20 Hex Nylon Lock (F594 316 S/S FB)	
4	4	P000853	Bolt - 1/4-20 x 0.75 x 0.75 Carriage (F593 304 S/S FB)	
5	1	P002335	ECU - Montag Dry Rate Controller Gen II (ME0814000)	
6	2	P002467	Magnet - 2" X 200 Lbs. (Cup 51)	
7	2	P002469	Screw - 1/4-20 x 1 Machine Flat Head Phillips (18-8 S/S FB)	
8	4	P002492	Screw - #12-24 x 0.75 Machine Pan Head Phillips (18-8 S/S FB)	
9	4	P002493	Nut - #12-24 Hex Nylon Lock (18-8 S/S FB)	
10	4	P002791	Nut - 1/4-20 UNC Wing (Nylon)	
11	1	W002479	Shield - Montag ECU Cover	
12	1	P002683	Harness - Digi-Star ISO Connection Tee (ME0514013)	







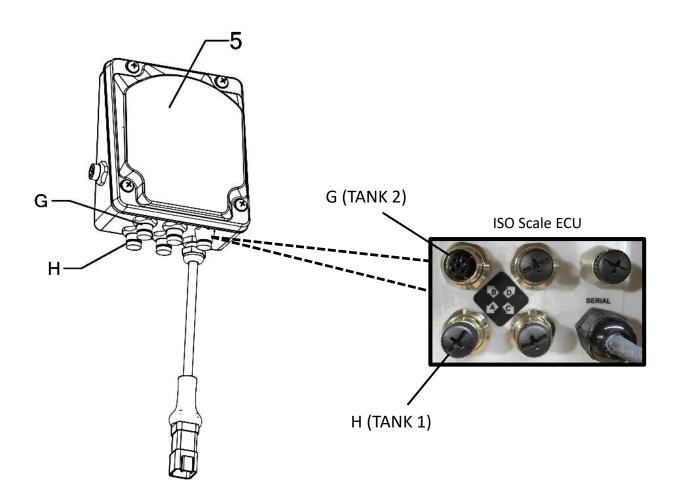
### LOAD CELL CONNECTIONS





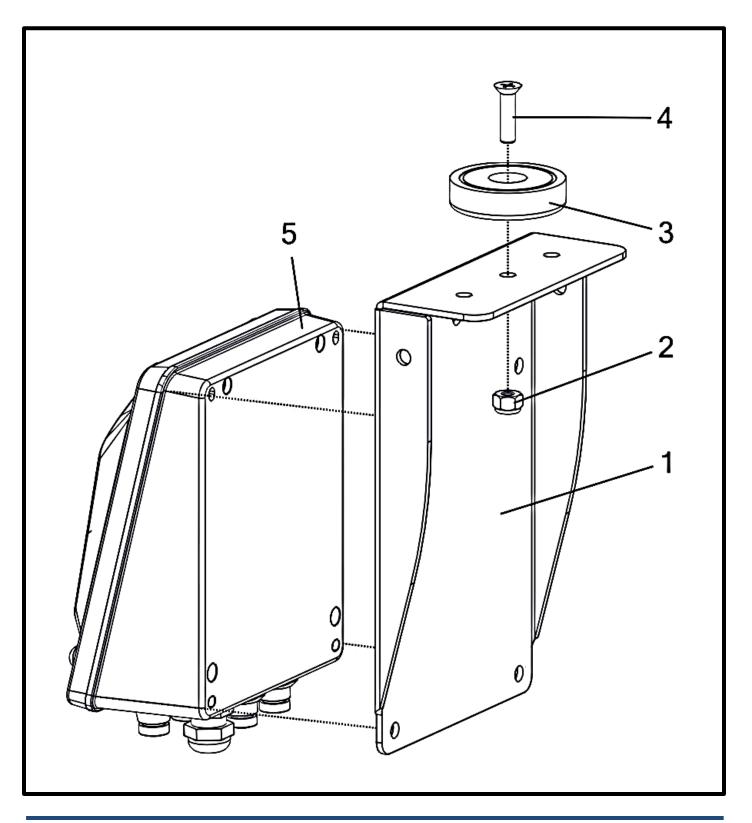
### LOAD CELL AND SECTION CONTROL MOTOR CONNECTIONS

ltem No.	Qty.	Part Number	Description
1	2	P002741	Harness - DT06 to M12 ISO Scale (8')
2	1	P002739	Scale - Load Cell (10K) w/DT 6 Pin (14')
3	1	P002280	Harness - Gen 2 Section 2 Single Poppet Valve Control
4	1	P002099	Harness - Gen 2-C Sections 3 & 4 Single Poppet Valve Control
5	1	P002279	Node - Scale Link 2 140 Digi-Star ISO





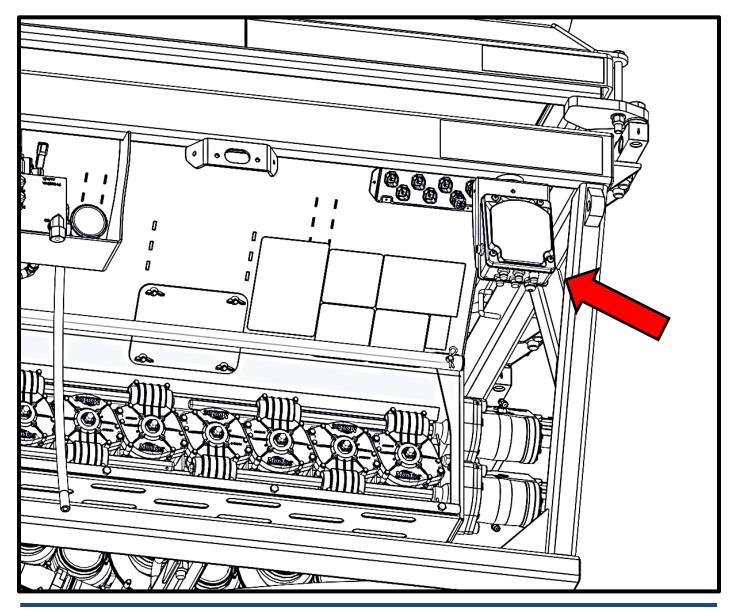
J-BOX





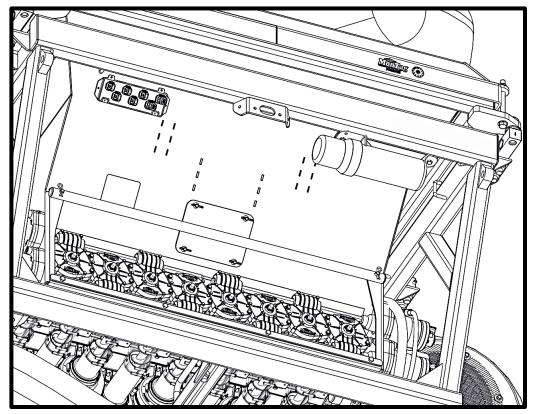
#### J-BOX

ltem No.	Qty	Part Number	Description
		A002476	ECU - Sub-Assembly ISO Scale Mag. Mount
1	1	M003359	Mount - J-Box / ISO Scale ECU Mag.
2	1	P000103	Nut - 1/4-20 Hex Nylon Lock (F594 316 S/S FB)
3	1	P002467	Magnet - 2" X 200 Lbs. (Cup 51)
4	1	P002469	Screw - 1/4-20 x 1 Machine Flat Head Phillips (18-8 S/S FB)
5	1	P002279	Node - Scale Link 2 140 Digi-Star ISO

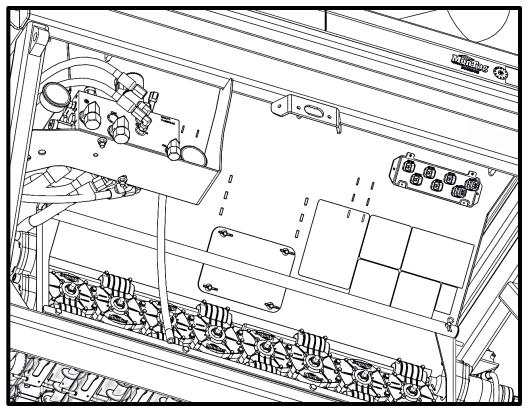




### **Junction Block - Manual Holder Side**



**Junction Block - Manifold Side** 





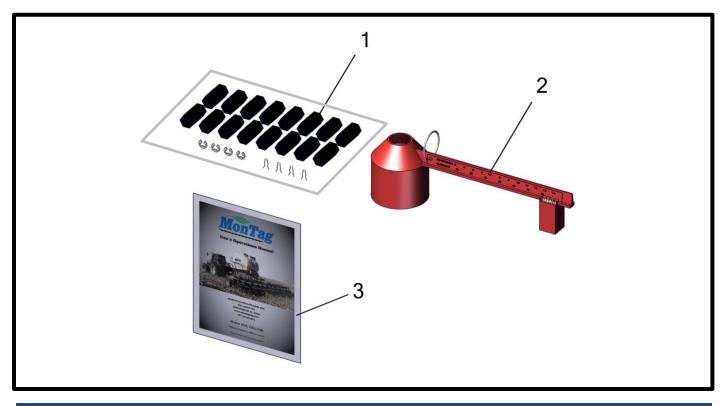
#### **Junction Block**

ltem No.	Qty	Part Number	Description
	2	P002732	Block - DT 6 Pin, 7 Port Junction

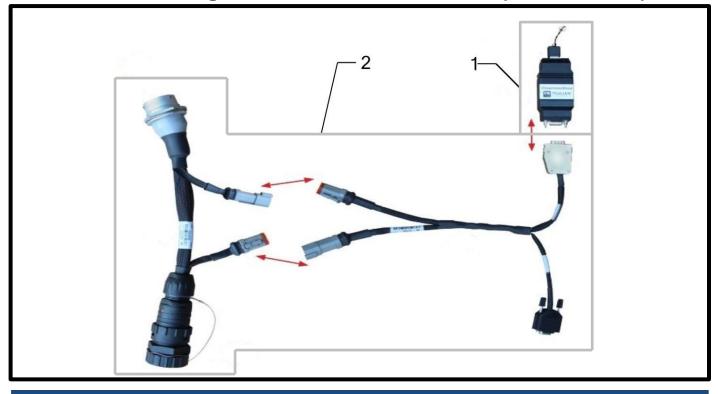
ltem No.	Description	
А	Load Cell To Fan End Right Corner	
В	Load Cell To Fan End Left Corner	
С	Load Cell To Non-Fan End Right Corner	
D	Load Cell To Non-Fan End Left Corner	
1	Cable To Digistar Box	
2	Capped	
3	Capped	



### **Miscellaneous Components Kit**



### Kit - ECU Diagnostic ISOBUS Download (ME0901000)





### **Miscellaneous Components Kit**

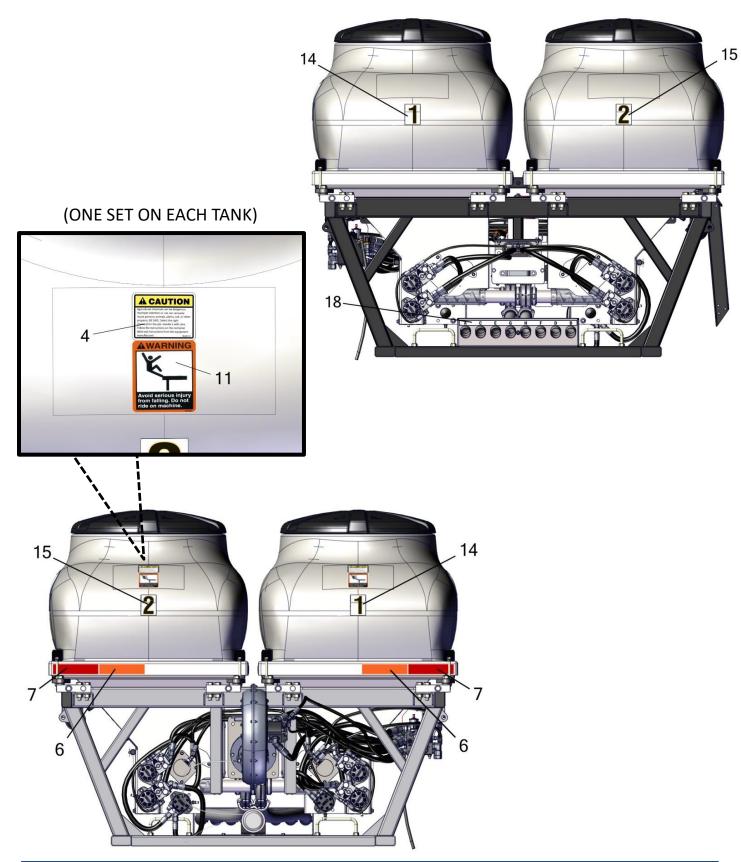
ltem No.	Qty	Part Number	Description
		K002253	Kit - Gen II 2208 Customer Care Package
1	1	КОО2О19	Kit - Gen II Mini Shear Coupler Starter Pack
2	1	P000428	Scale - Fertilizer Density (Montag Logo)
3	1	P003162	Document - Montag Mfg. Gen 2 Operators Manual

#### Kit - ECU Diagnostic ISOBUS Download (ME0901000)

ltem No.	Qty	Part Number	Description
		K002012*	Kit - ECU Diagnostic ISOBUS Download (ME0901000)
1	1	P002352	Kit - ECU Download Tool (ME3032259206)
2	1	P002354	Harness - ECU IBIC ISO Download Tee (ME0501005)

(\*) Software available from Montag support



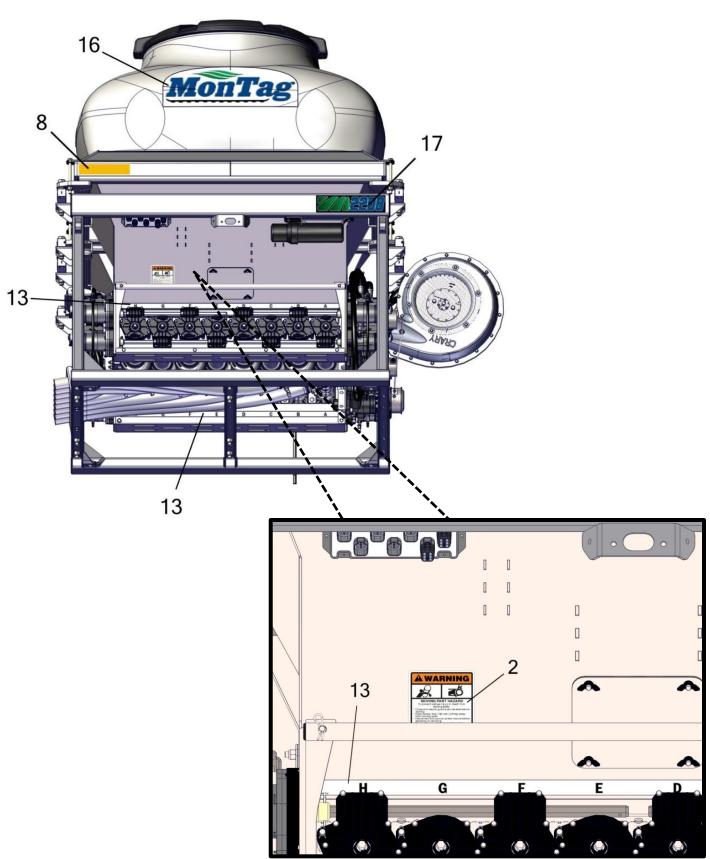






ltem No.	Qty	Part Number	Description
1	1	P000190	Decal - Read the Manual
2	2	P000191	Decal - Moving Parts Danger
3	1	P000192	Decal - High Pressure Danger
4	2	P000193	Decal - Ag Chemical Danger (Location may change based on platform orientation)
5	1	P000195	Decal - Chemical Hazard
6	2	P000197	Tape - Reflective Orange (Location may change based on unit orientation)
7	2	P000198	Tape - Reflective Red (Location may change based on unit orientation)
8	2	P000199	Tape - Reflective Yellow (Location may change based on unit orientation)
9	1	P000201	Decal - USA Flag
10	1	P000273	Decal - Fema
11	2	P001995	Decal - Do Not Ride (A91843) (Location may change based on platform orientation)
12	2	P002170	Decal - Tank Row Label 8 Row (A-H) (Location may change based on fan orientation)
13	2	P002171	Decal - Tank Row Label 8 Row (H-A) (Location may change based on fan orientation)
14	2	P002361	Decal - Tank Number One
15	2	P002362	Decal - Tank Number Two
16	2	P002903	Decal - 2010 Logo (22" Long) Anti-Bubble
17	2	P002911	Decal - 2208 Flowing Field Logo (For 30 Cu. Ft. Tank)
		P002962	Decal - 2010 Logo (30" Long) Anti-Bubble (For 50 Cu. Ft. Tank - Not Shown)
18	1	P003026	Decal - Hose Manifold Label Gen II 8 Row (Non-Fan End)
		P002899	Decal - Hose Manifold Label Gen II 8 Row (Fan End - Not Shown)





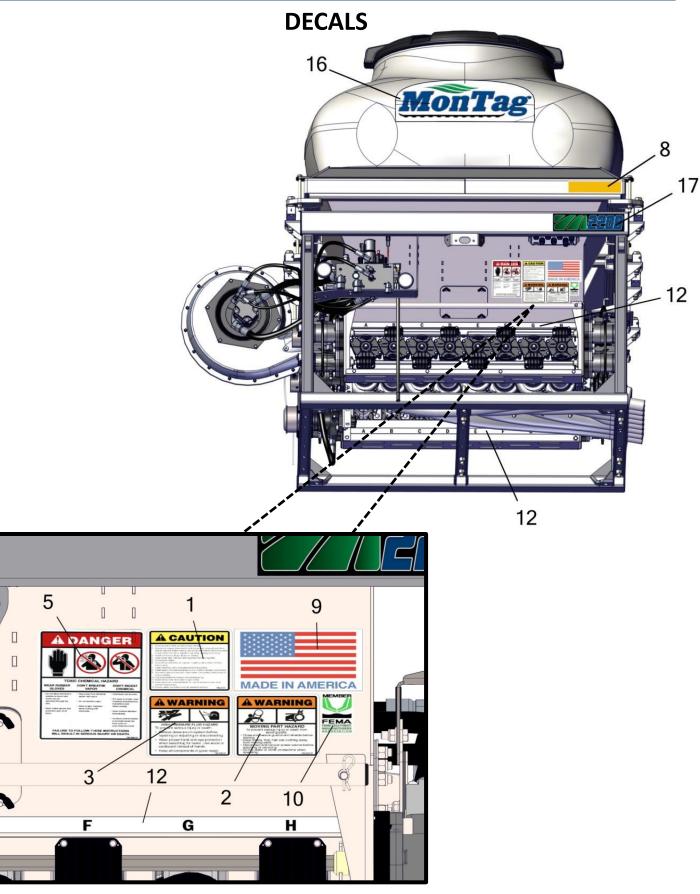
P/N's followed by "\_\_" are color coded parts. Color codes: AA = Black Paint, ZZ = Gray, ZY = Yellow, ZX = White See inside front cover for details.

12/04/2023 - REV. B SN#: 21297 - 2\_\_\_\_



ltem No.	Qty	Part Number	Description
1	1	P000190	Decal - Read the Manual
2	2	P000191	Decal - Moving Parts Danger
3	1	P000192	Decal - High Pressure Danger
4	2	P000193	Decal - Ag Chemical Danger (Location may change based on platform orientation)
5	1	P000195	Decal - Chemical Hazard
6	2	P000197	Tape - Reflective Orange (Location may change based on unit orientation)
7	2	P000198	Tape - Reflective Red (Location may change based on unit orientation)
8	2	P000199	Tape - Reflective Yellow (Location may change based on unit orientation)
9	1	P000201	Decal - USA Flag
10	1	P000273	Decal - Fema
11	2	P001995	Decal - Do Not Ride (A91843) (Location may change based on platform orientation)
12	2	P002170	Decal - Tank Row Label 8 Row (A-H) (Location may change based on fan orientation)
13	2	P002171	Decal - Tank Row Label 8 Row (H-A) (Location may change based on fan orientation)
14	2	P002361	Decal - Tank Number One
15	2	P002362	Decal - Tank Number Two
16	2	P002903	Decal - 2010 Logo (22" Long) Anti-Bubble
17	2	P002911	Decal - 2208 Flowing Field Logo (For 30 Cu. Ft. Tank)
		P002962	Decal - 2010 Logo (30" Long) Anti-Bubble (For 50 Cu. Ft. Tank - Not Shown)
18	1	P003026	Decal - Hose Manifold Label Gen II 8 Row (Non-Fan End)
		P002899	Decal - Hose Manifold Label Gen II 8 Row (Fan End - Not Shown)





Е



ltem No.	Qty	Part Number	Description
1	1	P000190	Decal - Read the Manual
2	2	P000191	Decal - Moving Parts Danger
3	1	P000192	Decal - High Pressure Danger
4	2	P000193	Decal - Ag Chemical Danger (Location may change based on platform orientation)
5	1	P000195	Decal - Chemical Hazard
6	2	P000197	Tape - Reflective Orange (Location may change based on unit orientation)
7	2	P000198	Tape - Reflective Red (Location may change based on unit orientation)
8	2	P000199	Tape - Reflective Yellow (Location may change based on unit orientation)
9	1	P000201	Decal - USA Flag
10	1	P000273	Decal - Fema
11	2	P001995	Decal - Do Not Ride (A91843) (Location may change based on platform orientation)
12	2	P002170	Decal - Tank Row Label 8 Row (A-H) (Location may change based on fan orientation)
13	2	P002171	Decal - Tank Row Label 8 Row (H-A) (Location may change based on fan orientation)
14	2	P002361	Decal - Tank Number One
15	2	P002362	Decal - Tank Number Two
16	2	P002903	Decal - 2010 Logo (22" Long) Anti-Bubble
17	2	P002911	Decal - 2208 Flowing Field Logo (For 30 Cu. Ft. Tank)
		P002962	Decal - 2010 Logo (30" Long) Anti-Bubble (For 50 Cu. Ft. Tank - Not Shown)
18	1	P003026	Decal - Hose Manifold Label Gen II 8 Row (Non-Fan End)
		P002899	Decal - Hose Manifold Label Gen II 8 Row (Fan End - Not Shown)



# NOTES



# NOTES





Montag Manufacturing, Inc. 3816 461st Avenue Emmetsburg, IA 50536 Phone: (712) 852-4572 FAX: (712) 852-4574

Tech Support: (712) 852-4572 or support@montagmfg.com

> Visit us at: www.montagmfg.com