



 **GEN II 2218**

MONTAG MFG.

2020

Serial Numbers 21202 - 28759

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 M001018__ in black, you would order M001018AA at time of ordering. Failure to add the color code may result in getting an unpainted part, rather than a painted one.

2020 model year changes are marked in the Part Number column with the following designations:

(N) - Non-Retrofittable 2020 change (**will not** work with previous models)
(R) - Retrofittable 2020 change (**will** work with previous model)

List Of Operations Manuals For Gen II	
P002393	Document - Montag Mfg 2018 Operators Manual (Vol. 4)
P002394	Document - Montag Dry Rate Controller Operators Manual
P002462	Document - Montag Dry Rate Controller Quick Reference Guide

Table of Contents

GEN II 2218 2020

A002505 - ASSEMBLIES AND WELDMENTS OVERVIEW.....	06-07
Front Accessories.....	08-09
Slide Gate Cylinder and Accessory Mounting.....	10-11
Slide Gate Cylinder Extension Assembly.....	12-13
Load Cell Area.....	14-15
J-Block and Scale ISO ECU.....	16-17
Manifold – Hydraulic Sub-Assembly and Air Gauge.....	18-19
Manifold – Gen II Hydraulic Control.....	20-21
Fan and Plenum Area.....	22-23
Fan / Transition.....	24-25
Fan Assembly.....	26-27
Plenum Assembly.....	28-29
Rear Plenum Area.....	30-31
Air Hose Manifolds.....	32-33
Upper And Lower Air Hose Manifold Sub-Assemblies.....	34-35
Wash Tank and Manual Holder.....	36-37
Rinse Tank w/Bracket and Hardware.....	38-39
TANKS AND TROUGHS	
Front Platform Stop Rail.....	40-41
Lids and Upper Tank Area.....	42-43
Tank Lids - Top and Bottom.....	44-45
Inside Tank / Ladder.....	46-47
4.5 Ton Poly Tank.....	48-49
Tank Assembly – Trough/Tank (Tank 1).....	50-51
Trough – Shield and Bracket (Tank 1).....	52-53
Trough – Cylinder End And Non-Cylinder End (Tank 1).....	54-55
Trough – Hanger and Bracket (Tank 1).....	56-57
Trough – Slide Gate And Trough Support (Tank 1).....	58-59
Tank Assembly – Trough/Tank (Tank 2).....	60-61
Trough – Shield and Bracket (Tank 2).....	62-63
Trough – Cylinder End And Non-Cylinder End (Tank 2).....	64-65
Trough – Hanger and Bracket (Tank 2).....	66-67
Trough – Slide Gate And Trough Support (Tank 2).....	68-69

Table of Contents (continued)

PLATFORMS

Left Mount Platform – Railings.....	70-71
Left Mount Platform – Deck Mounting.....	72-73
Right Mount Platform – Railings.....	74-75
Right Mount Platform – Deck Mounting.....	76-77
Deck – Platform.....	78-79
SMV Sign.....	80-81
6 Ton Deck Ladder.....	82-83
9 Ton Deck Ladder.....	84-85

ROW KITS OVERVIEW

Row Kits and Components.....	86-87
Cartridges, Air Chambers, and Gear Boxes	
Cartridge – Long.....	88-89
Cartridge – Short.....	90-91
Augers, Long and Short.....	92-93
Cartridge – Blank.....	94-95
Air Chamber – Blank.....	94-95
Air Chamber Assembly.....	96-97
Gear Box Assembly.....	98-99

HYDRAULIC SECTION KITS

Complete Section and Add-On Kits.....	101
1 Section	
Hoses.....	102-103
Hydraulic Block, Front And Rear.....	104-105
Slide Gate Cylinders and Drive Motors.....	106-107
Fan Motor And Speed Sensor.....	108-109
One Section Drive Shafts And Covers.....	110-111
2 Section	
Hoses.....	112-113
Speed Sensors and Drive Motors (Tank 2).....	114-115
Speed Sensors and Drive Motors (Tank 1).....	116-117
Motor - Hyd. 4.5 CU/IN (CW).....	118-119
Motor - Hyd. 4.5 CU/IN (CCW).....	120-121
Cylinders, Front Tee, And Two Section Drive Shafts.....	122-123
3 Section	
Hoses (Fan End).....	124-125
Hoses (Non-Fan End).....	126-127
Non-Fan End Drive Motor (Tank 2).....	128-129
Non-Fan End Drive Motor (Tank 1).....	130-131
Center Tees and Three Section Drive Shafts.....	132-133

Table of Contents (continued)

HYDRAULIC SECTION KITS (CONTINUED)

4 Section	Hoses (Fan End).....	134-135
	Hoses (Non-Fan End).....	136-137
	Non-Fan End Drive Motors (Tank 2).....	138-139
	Non-Fan End Drive Motors (Tank 1).....	140-141
	Four Section Drive Shafts.....	142-143

ELECTRICAL ACCESSORIES

ECU – Mount and Enclosure.....	144-145
Montag Dry Rate Controller Harness.....	146-147
Load Cell and Section Control Motor Connections.....	148-149
Montag HC Power Harness.....	150-151
DICKEY-john Harness.....	152-153
Field-IQ Harness.....	154-155
John Deere Harness.....	156-157
CIH 1200 Harness.....	158-159
CIH 2100 Harness.....	160-161
Planter to IBBC ISO Mount.....	162-163

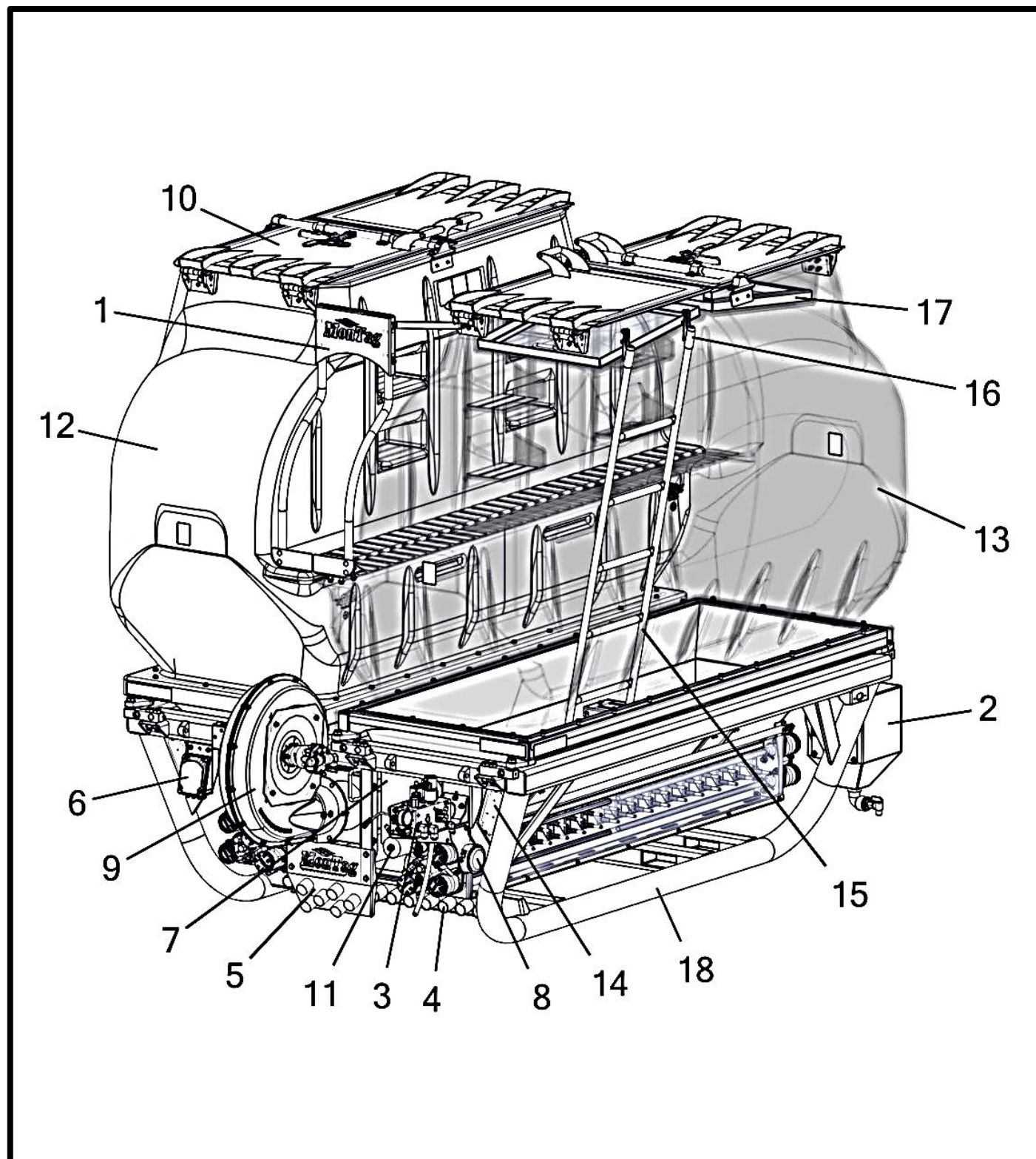
MISCELLANEOUS

Miscellaneous Components Kit.....	164-165
ECU Diagnostic ISOBUS Download.....	164-165

DECALS

Decal Placement	166-171
-----------------------	---------

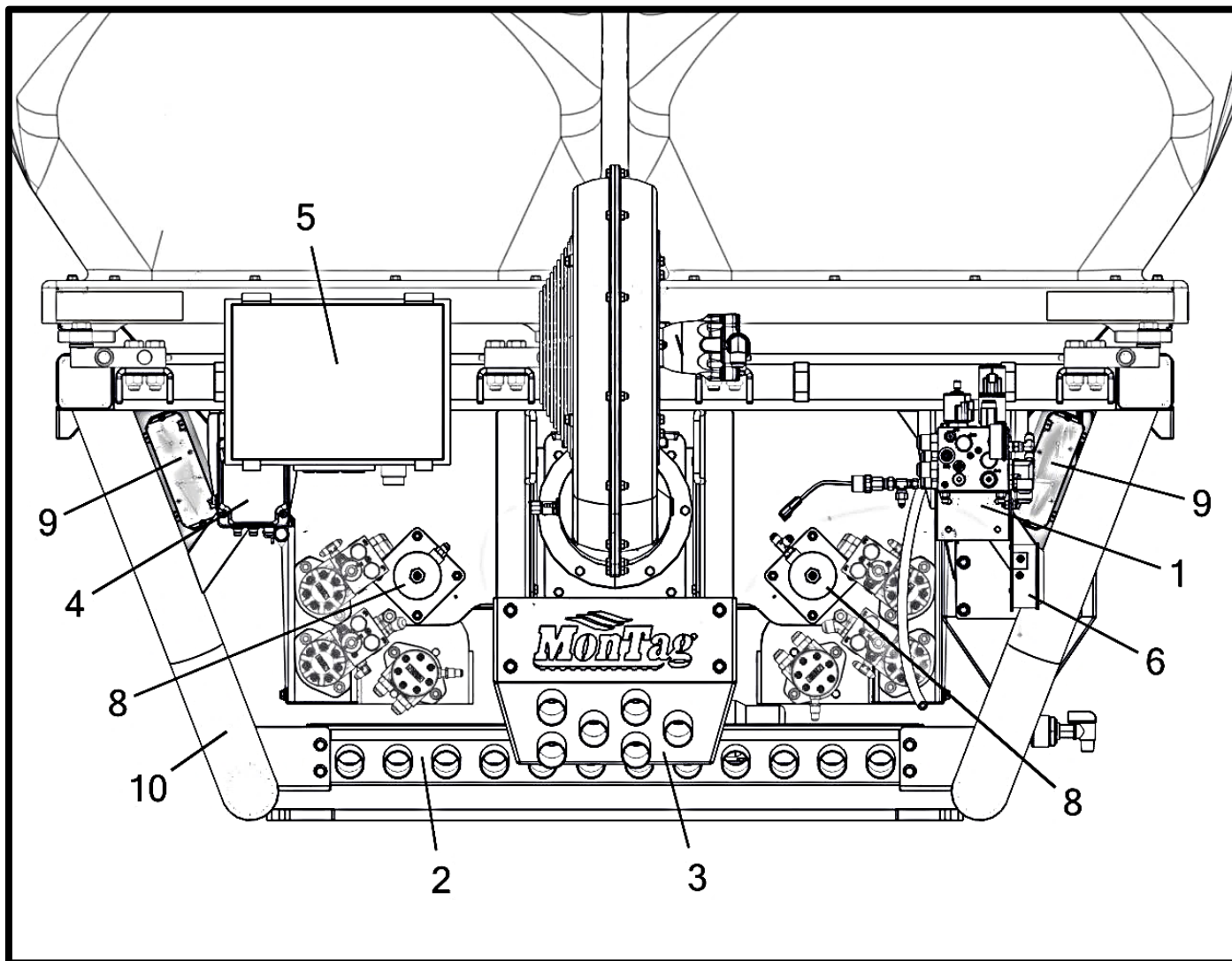
Assemblies And Weldments Overview



Assemblies And Weldments Overview

Item No.	Qty	Part Number	Description
		(R) A002505__	Gen II 2218- 2020 Base Unit
1	1	A002136__	Rail- Front Platform Stop W/ Toe Kick
2	1	A002156__	Tank - Rinse Tank w/ Bracket And Hardware
3	1	A002205__	Manifold - Hydraulic Sub-Assembly Gen II
4	1	A002206	Manifold - Lower Air Hose Sub-Assembly
5	1	A002207	Manifold - Upper Air Hose Sub-Assembly
6	1	A002208	ECU - Sub-Assembly ISO Scale
7	1	A002209	Plenum - Air Sub-Assembly Gen II
8	1	A002237__	Gauge - Dwyer Air No Logo Gen II Sub-Assembly
9	1	A002409__	Assembly - 8" Fan/Plenum Transition (5°)
10	2	A002493	Lids - Poly Tank Sub-Assembly Gen II w/ Flange
11	2	A002101__	Mount - Slide Gate Cylinder Extension
12	1	(R) A002510__	Tank Assembly - Gen II 2218 Tank/Trough (RH) Black
13	1	(R) A002514__	Tank Assembly - Gen II 2218 Tank/Trough (LH) Black
14	2	P002732	Block - DT 6 Pin, 7 Port Junction
15	2	W002359	Ladder - Inside, Gen II Poly Tank
16	4	W002368	Bracket - Inside Tank Ladder Hold Gen II
17	2	W002370	Screen - Gen II Tank (1/2" C/C)
	4	W002540	Screen - Gen II Tank (3/4" C/C)
18	1	(R) W002720__	Cradle - Gen II 2218

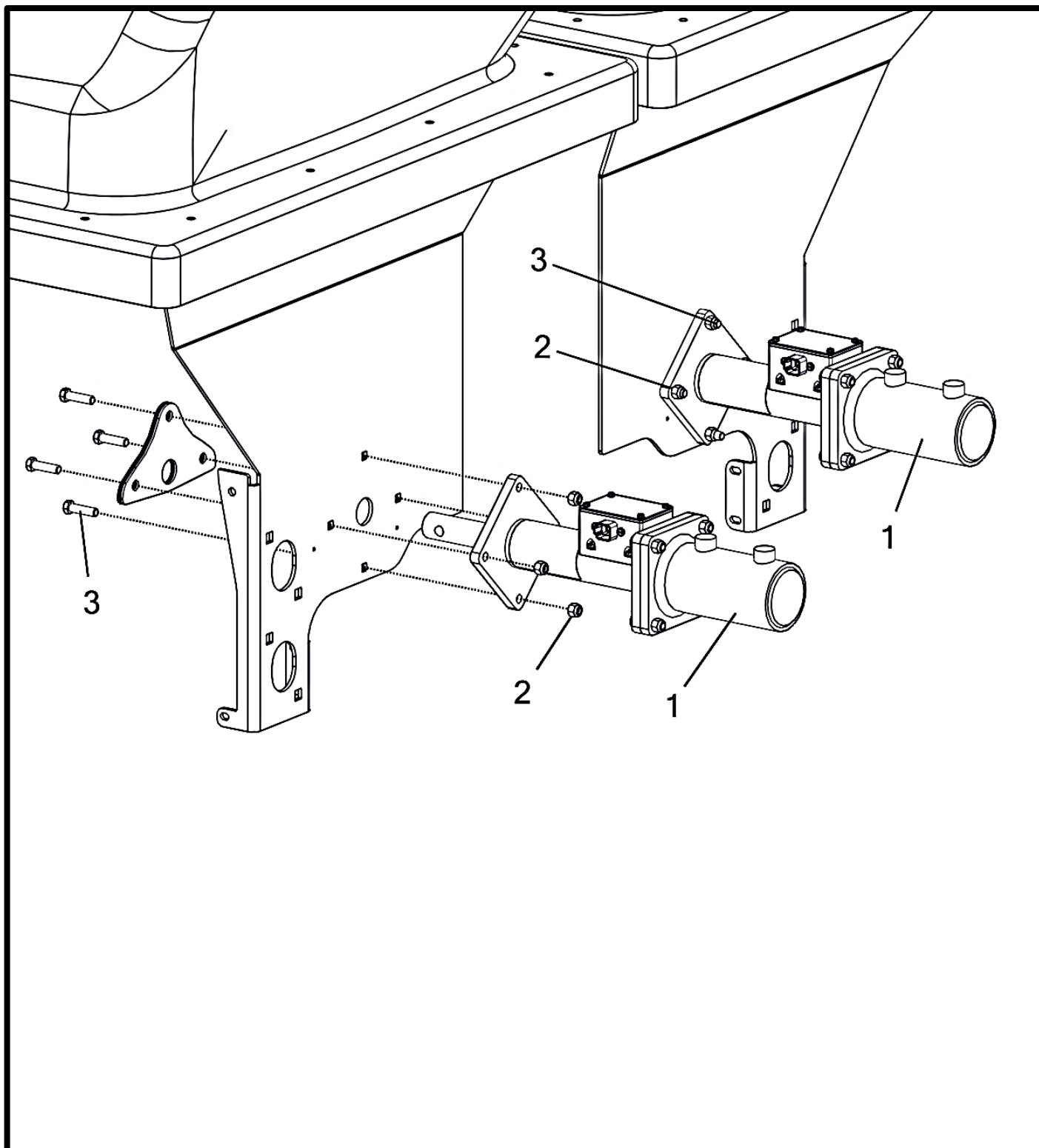
Front Accessories



Front Accessories

Item No.	Qty	Part Number	Description
1	1	A002205__	Manifold - Hydraulic Sub-Assembly Gen II
2	1	A002206	Manifold - Lower Air Hose Sub-Assembly
3	1	A002207	Manifold - Upper Air Hose Sub-Assembly
4	1	A002208	ECU - Sub-Assembly ISO Scale
5	1	A002211__	ECU - Mount and Enclosure Sub-Assembly Gen II
6	1	A002237__	Gauge - Dwyer Air No Logo Gen II Sub-Assembly
7	1	A002409__	Assembly - 8" Fan/Plenum Transition (5°)
8	2	A002101__	Mount - Slide Gate Cylinder Extension
9	2	P002732	Block - DT 6 Pin, 7 Port Junction
10	1	(R) W002720__	Cradle - Gen II 2218

Slide Gate Cylinder and Accessory Mounting



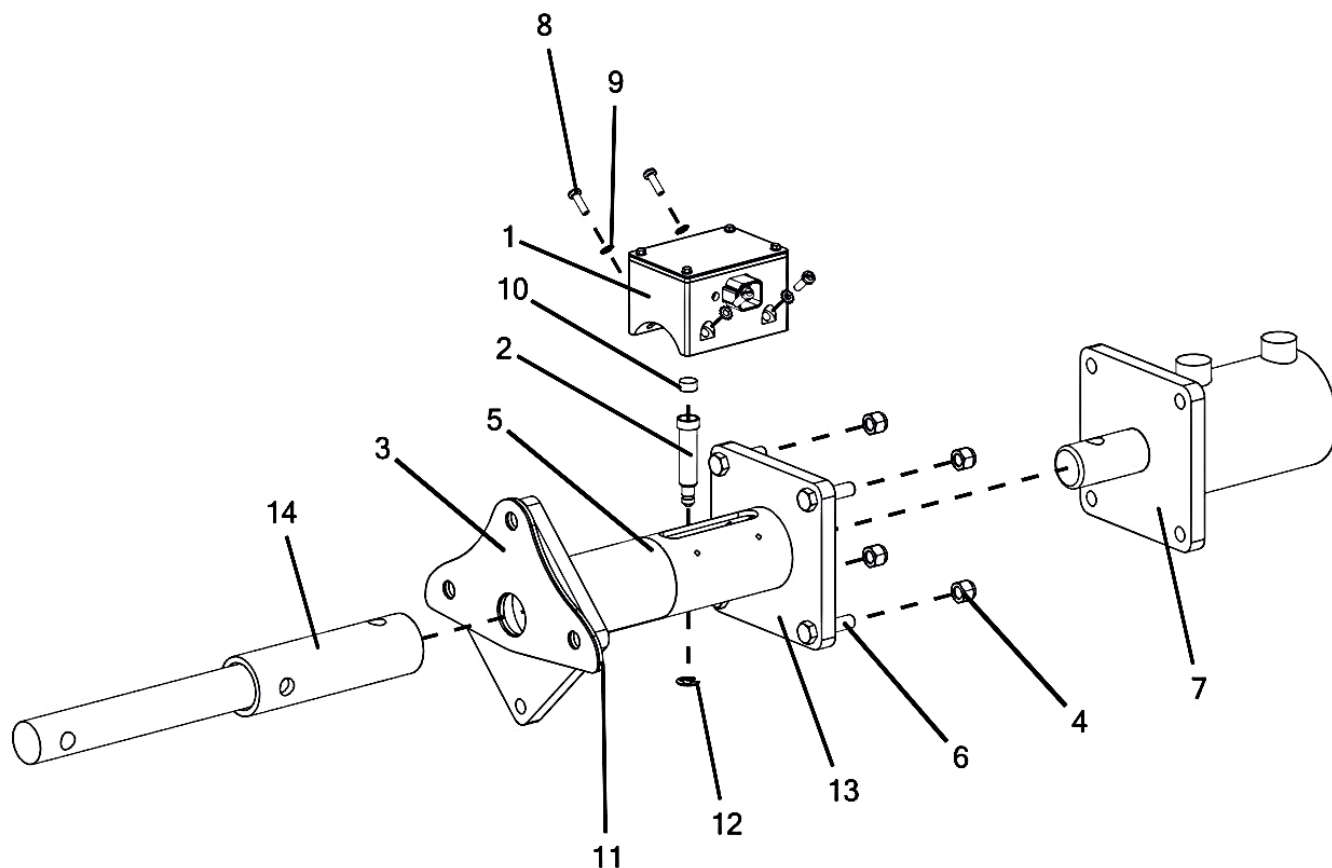
Slide Gate Cylinder and Accessory Mounting

Item No.	Qty.	Part Number	Description
1	2	A002101__	Mount - Slide Gate Cylinder Extension
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) * †

(*) Included in K002054 - Kit – Slide Gate Cylinder Mount Hardware (Outside)
and

(†) K002055 - Kit - Misc. Inside Tank Hardware

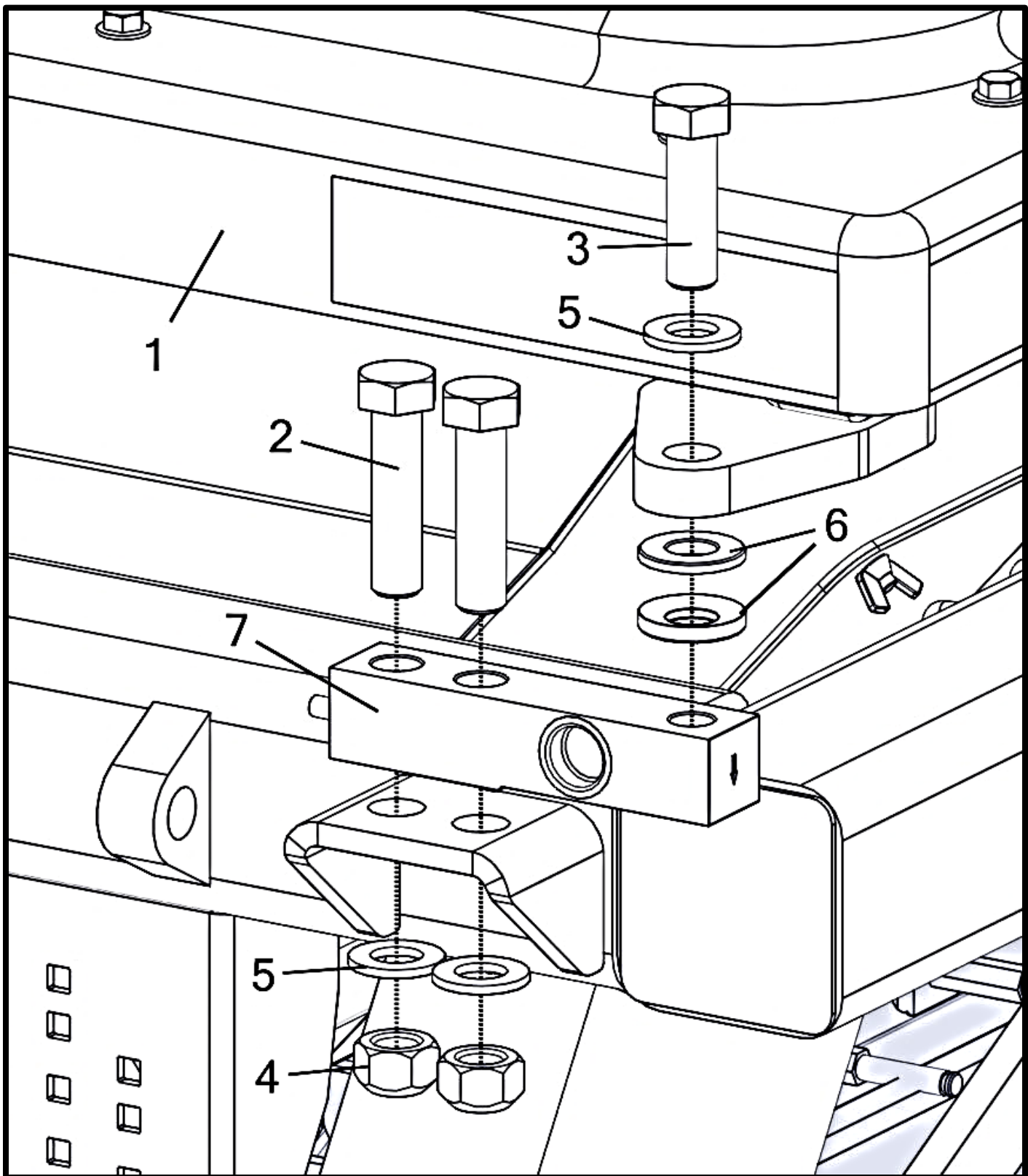
Slide Gate Cylinder Extension Assembly



Slide Gate Cylinder Extension Assembly

Item No.	Qty.	Part Number	Description
		A002101__	Mount - Slide Gate Cylinder Extension
1	1	A002167	Housing - Slide Gate Cylinder Sensor
2	1	M002374	Pin - Slide Gate Cylinder Clevis
3	1	M002403	Plate - Slide Gate Cylinder Gasket Seal Backing
4	4	P000057	Nut - 3/8-16 Hex Nylon Lock (GR 5 M/S FA)
5	1	P000189	Decal - Pinching Danger
6	4	P000943	Bolt - 3/8-16 x 1.5 x 1 Hex (GR 5 M/S FA)
7	1	P002114__	Cylinder - 3" B x 2.25" S x 1.25" R
8	4	P002139	Screw - 10-24 SS Round Head Machine Screw 5/8" long
9	4	P002140	Lock Washer - SS #10 External Tooth
10	1	P002142	Magnet - Slide Gate Position Sensor
11	1	P002148	Gasket - Slide Gate Cylinder Tank Seal
12	1	P002215	Retainer - 3/8" E-Clip
13	1	W002330__	Mount - Slide Gate Extension Main Body
14	1	W002332	Shaft - Slide Gate Extension Attachment

Load Cell Area



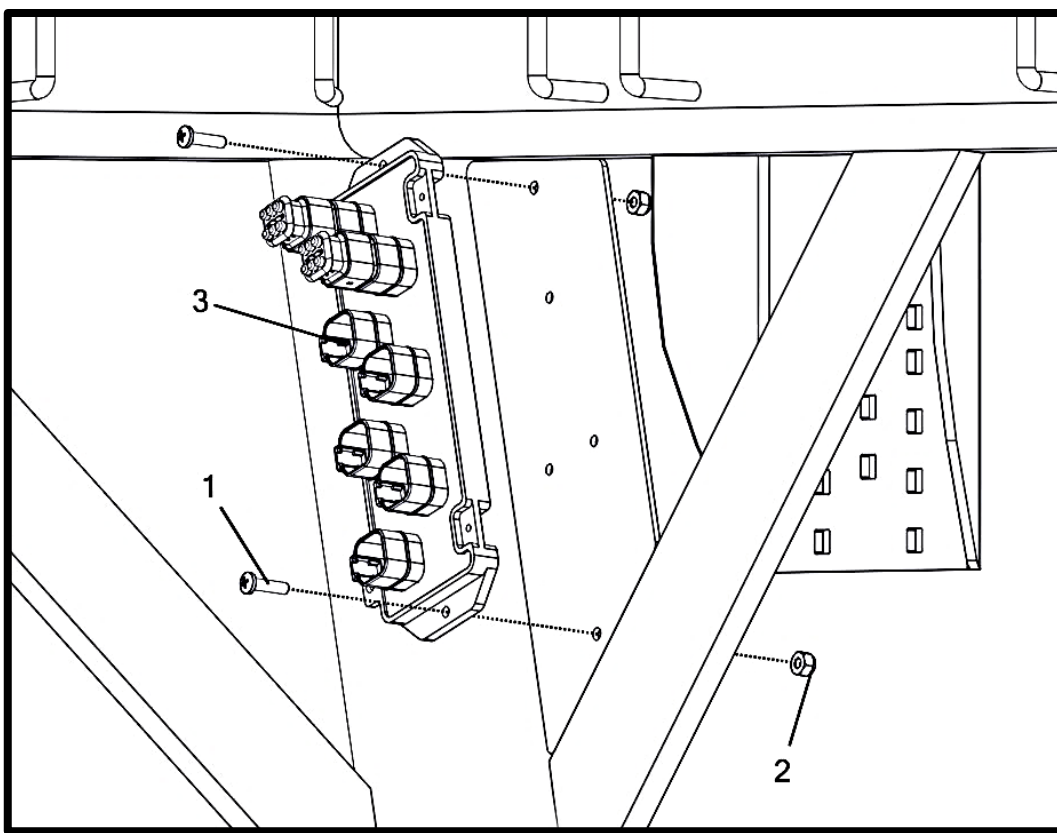
Load Cell Area

Item No.	Qty.	Part Number	Description
1	1	A00_ _ _ _ _	Tank Assembly - Gen II Tank/Trough
2	16	P000047	Bolt - 3/4-10 x 3 x 1.75 Hex (GR 5 M/S FA) *
3	8	P000055	Bolt - 3/4-16 x 2.5 x 1.75 Hex (GR 5 M/S FA) *
4	16	P000061	Nut - 3/4-10 Hex Metal Lock (GR 5 M/S FA) *
5	24	P000766	Washer - 3/4" SAE Flat (1.469" OD) (GR 5 M/S FA) *
6	8	P002146	Washer - 3/4" Spherical Self Aligning *
7	8	P002739	Scale - Load Cell (10K) w/DT 6 Pin (14') †

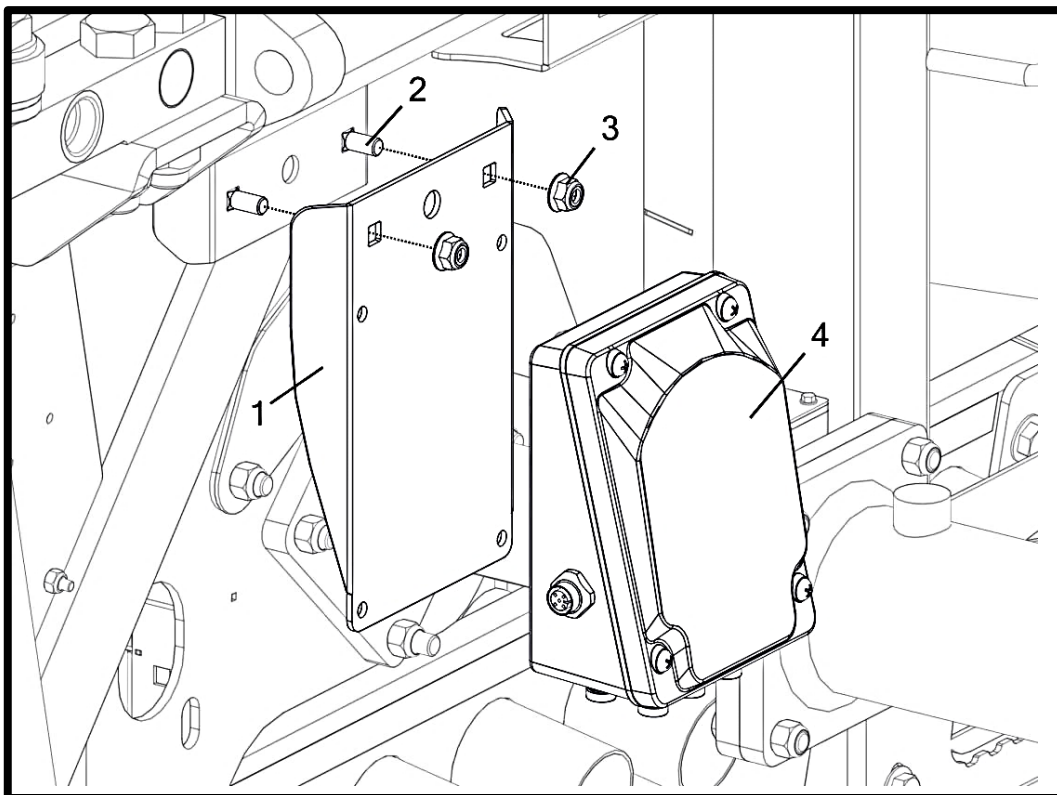
(*) Included in K002154 - Kit - Load Cell (10K) (Scale-Tec) Hardware Gen II

(†) Included in K002153 - Kit - Base DT 6 Pin Load Cell

J-Block



Scale ISO ECU



J-Block

Item No.	Qty	Part Number	Description
1	2	P000937	Screw - #10-24 x 0.75 Machine Pan Head Phillips (18-8 S/S FB)
2	2	P000938	Nut - #10-24 Hex Nylon Lock (18-8 S/S FB)
3	1	P002732	Block - DT 6 Pin, 7 Port Junction *

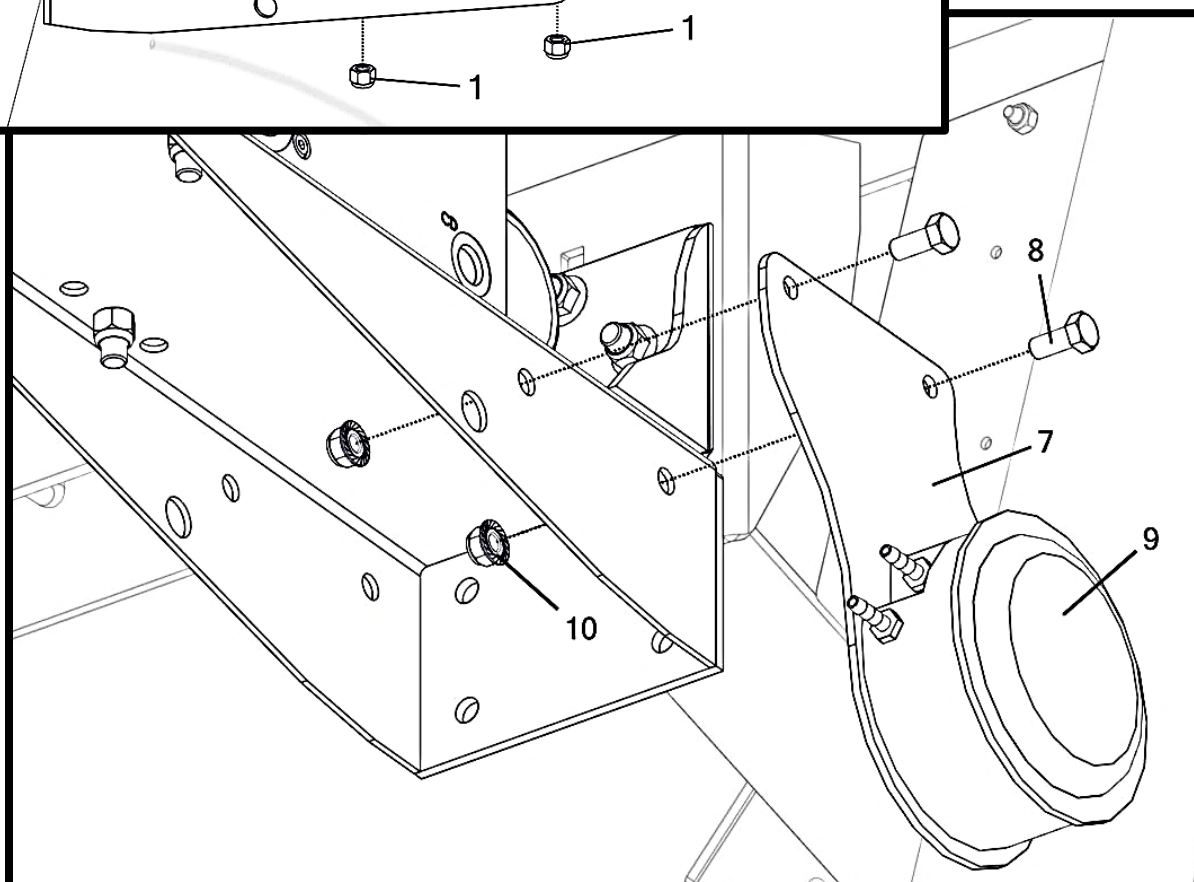
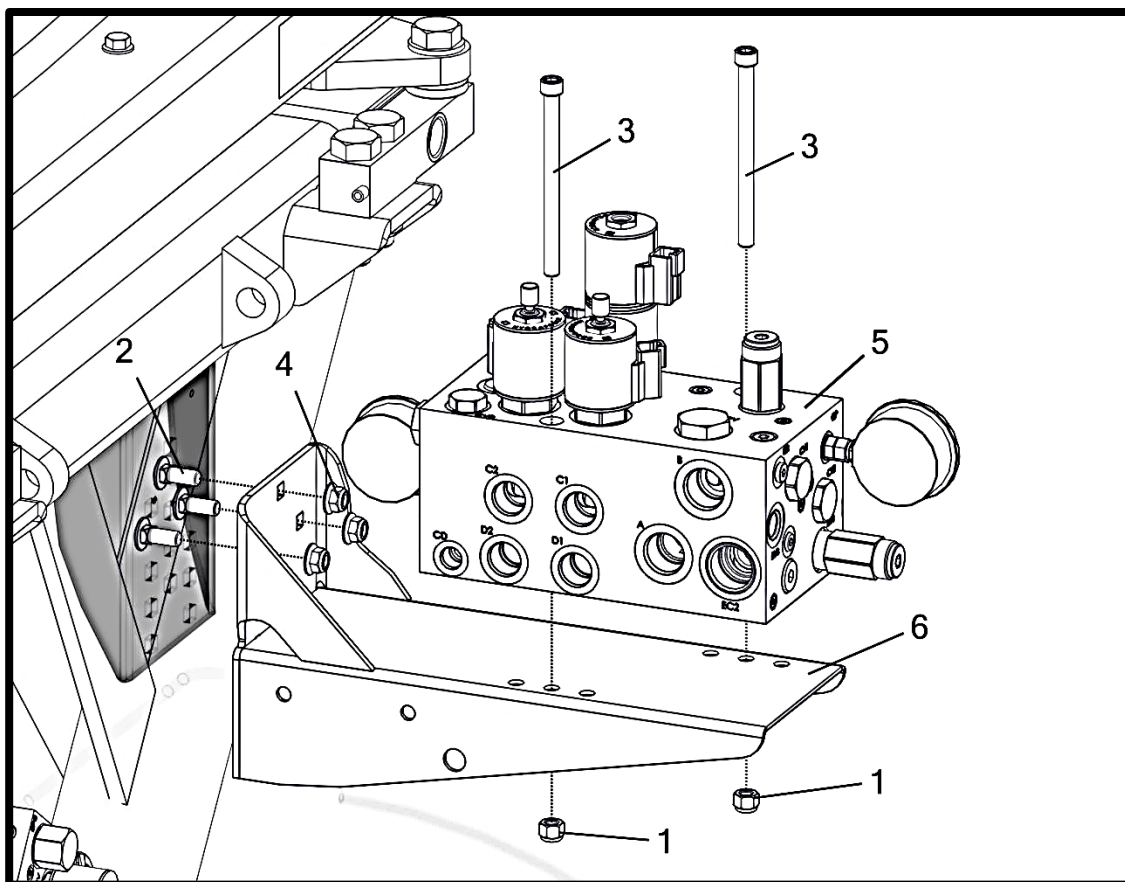
(*) Included in K002153 - Kit - Base DT 6 Pin Load Cell

Scale ISO ECU

Item No.	Qty.	Part Number	Description
		A002208	ECU - Sub-Assembly ISO Scale
1	1	M002629	Mount - Bolt-On J-Box
2	2	P000527	Bolt - 5/16-18 x 0.75 x 0.75 Carriage (F593 304 S/S FB) *
3	2	P002224	Nut - 5/16-18 Flange Nylon Lock (18-8 S/S FB) *
4	1	P002279	Node - Scale Link 2 140 Digi-Star ISO

(*) Included in K002041 - Kit - J-Box Mount Hardware Gen II

Manifold - Hydraulic Sub-Assembly and Air Gauge



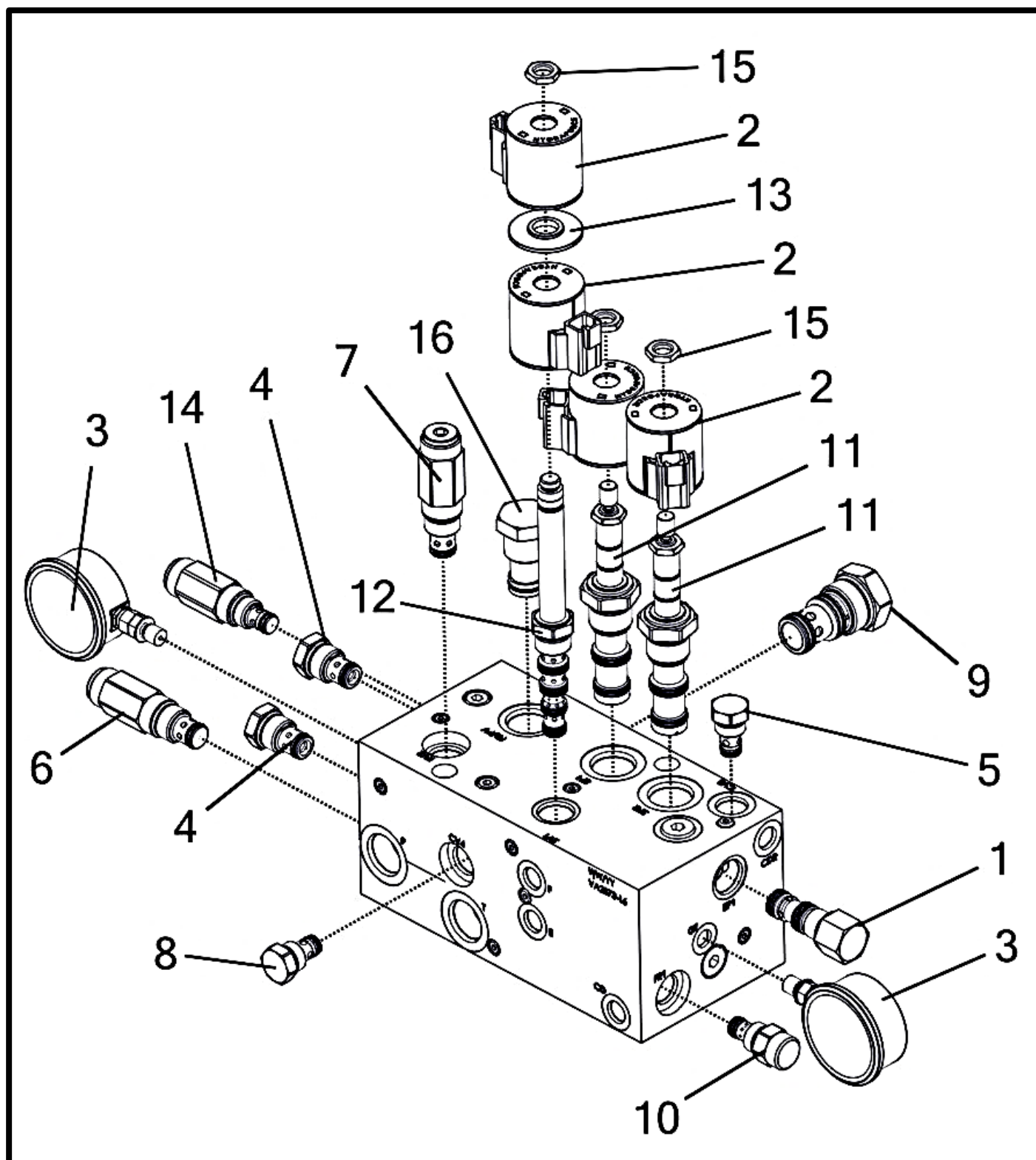
Manifold - Hydraulic Sub-Assembly and Air Gauge

Item No.	Qty.	Part Number	Description
		A002205__	Manifold - Hydraulic Sub-Assembly Gen II
		A002237__	Gauge - Dwyer Air No Logo Gen II Sub-Assembly
1	2	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) *
2	3	P000504	Bolt - 3/8-16 x 1 x 1 Carriage (GR 5 M/S FA) *
3	2	P000619	Bolt - 3/8-16 x 5 x 1 Socket Head (F593 316 S/S FB) *
4	3	P002205	Nut - 3/8-16 Flange Nylon Lock (GR 5 M/S FA) *
5	1	(R) P003048	Manifold - Hydraulic Dual Product Control (Less Fan Override) (VA2873-16-B)
6	1	W002385__	Bracket - Hydraulic Manifold & ECU Controller
7	1	M003104__	Mount - Pressure Gauge Gen II
8	2	P000318	Bolt - 5/16-18 x 0.75 x 0.75 Hex (GR 5 M/S FA) †
9	1	P000812	Gauge - Dwyer Air 0-30" WC (No Logo)
10	2	P002217	Nut - 5/16-18 Flange Nylon Lock (GR 5 M/S FA) †

(*) Included in K002038 - Kit - Hydraulic Manifold Hardware Gen II

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

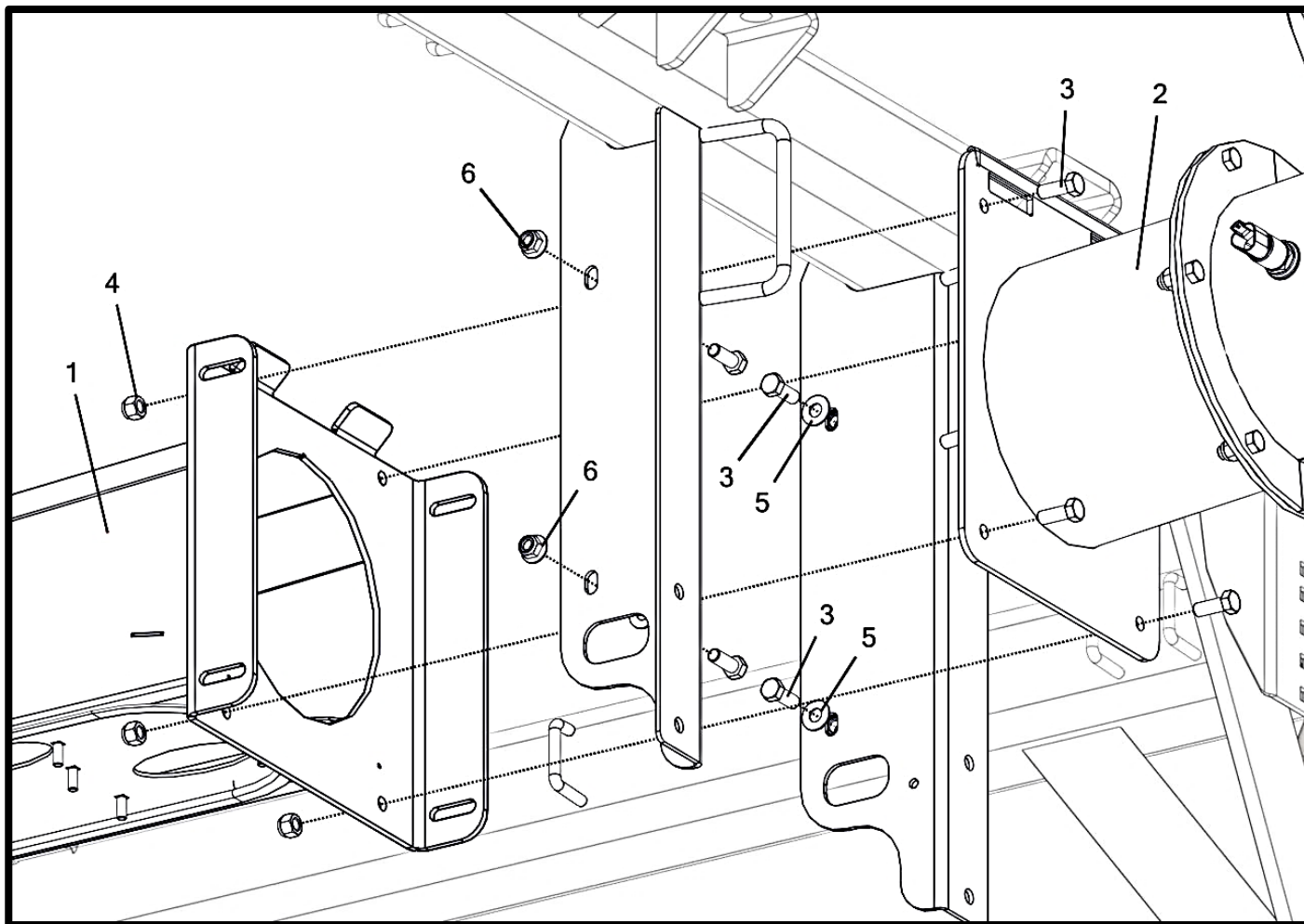
Manifold - Gen II Hydraulic Control (P003048)



Manifold - Gen II Hydraulic Control (P003048)

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)
		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) (HSPEC12-30AM-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	P003051	Fitting - Hyd. Manifold Cavity Plug (#12 2 Way Blocked) (CP12-20-N)
		P002571	Kit - SK12-2N-T Replacement Seal

Fan And Plenum Area



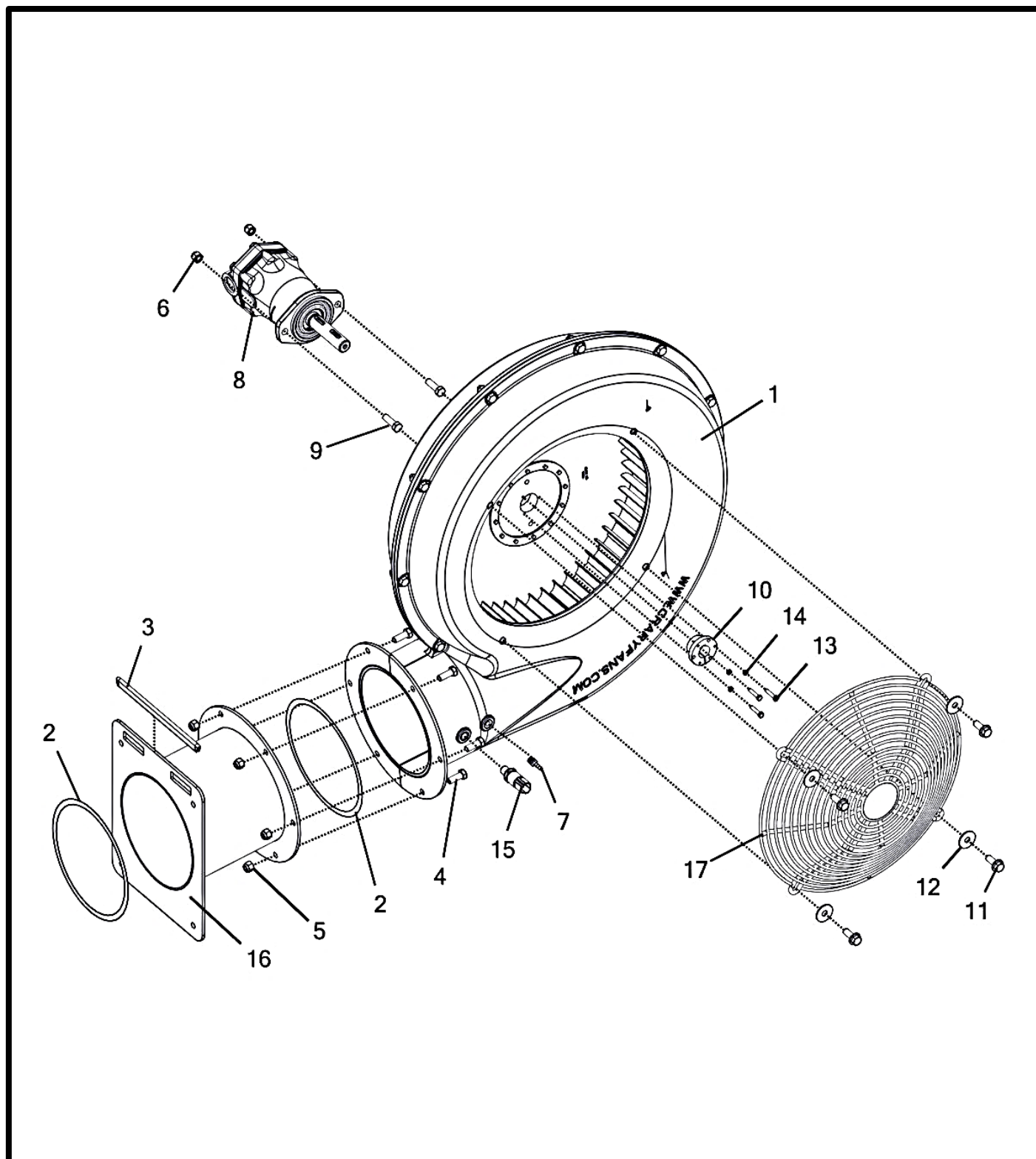
Fan And Plenum Area

Item No.	Qty	Part Number	Description
1	1	A002010	Plenum - 18 Row Gen II Assembly
2	1	A002409_ _	Assembly - 8" Fan/Plenum Transition (5°)
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 II

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

Fan / Transition Assembly



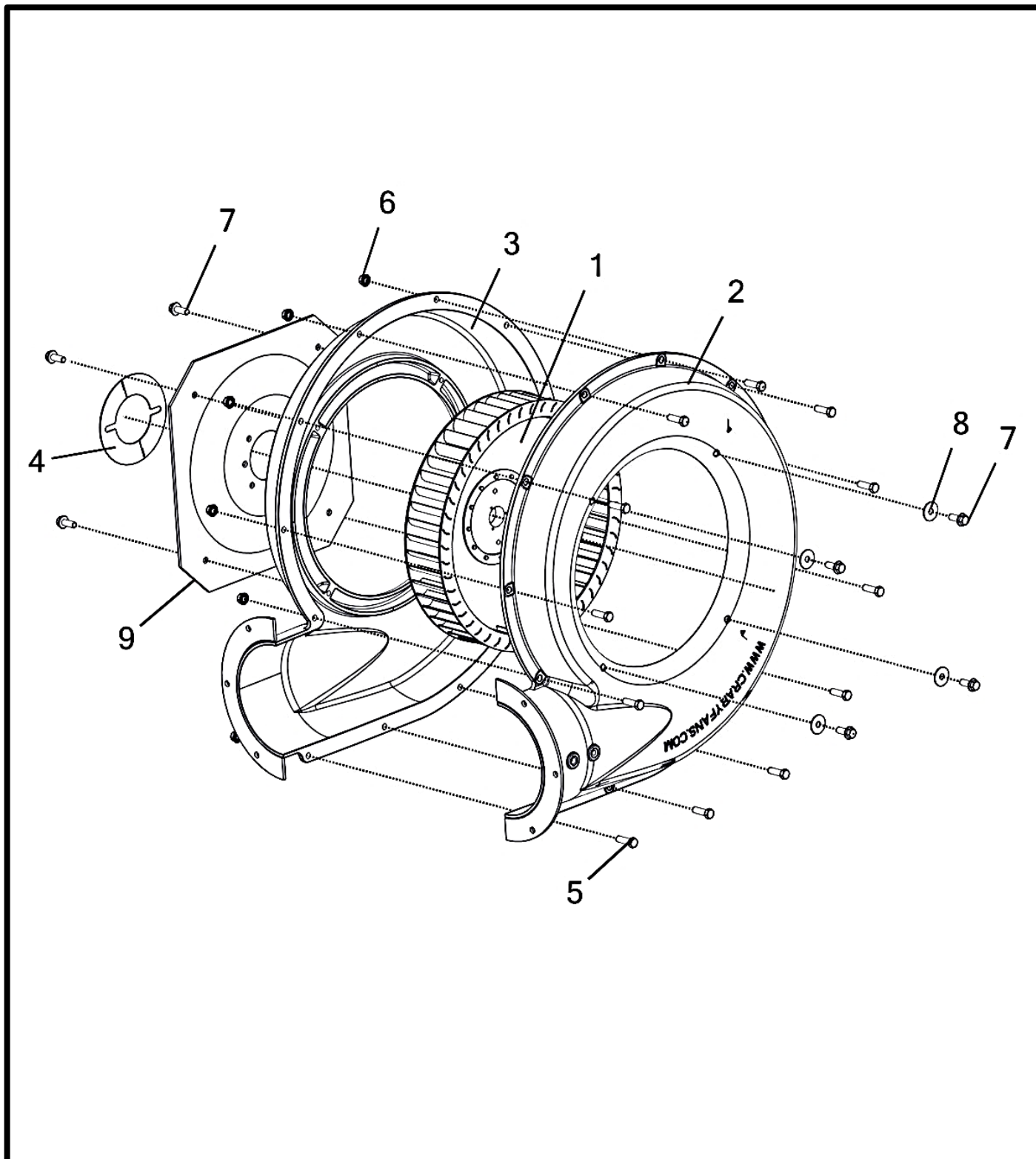
Fan / Transition Assembly

Item No.	Qty	Part Number	Description
		A002409__	Assembly - 8" Fan/Plenum Transition (5°)
1	1	A002408	Fan - Cray 8" CCW Flange (51690) (Assembly)
2	2	M002475	Gasket - Fan Transition Seal
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	2	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) *
7	1	P000125	Fitting - Air - 3/16" Hose Barb x 1/8 NPT
8	1	P000354	Motor - Eaton 16 & 24 Row Fan (74118)
9	2	P000416	Bolt - 3/8-16 x 1.25 x 1 Hex (F593 304 S/S FB) *
10	1	P000833	Bushing - QD Taper Lock JA x .875" Bore x .25" Keyway
11	8	P002697	Bolt - 3/8-16 x 1 x 1 Flange (GR 5 M/S FH)
12	4	P002698	Washer - 3/8" Fender (1.25" OD) (GR 5 M/S FC)
13	3	P002699	Screw - #10-24 x 1 Machine Hex Head (GR 5 M/S FG) †
14	3	P002700	Washer - #10 Split Lock (0.334" OD) (GR 5 M/S FG) †
15	1	P002731	Sensor - Air Pressure 3-Pin (0-3.6 psi) (1/4 NPT)
16	1	W002527__	Transition - 8" Fan/Plenum 5° Gen II
17	1	W002528__	Screen - 8" Cray Fan Inlet

(*) Included in K002152 - Kit - Fan / Transition Hardware Gen II (2018+)

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

Fan Assembly



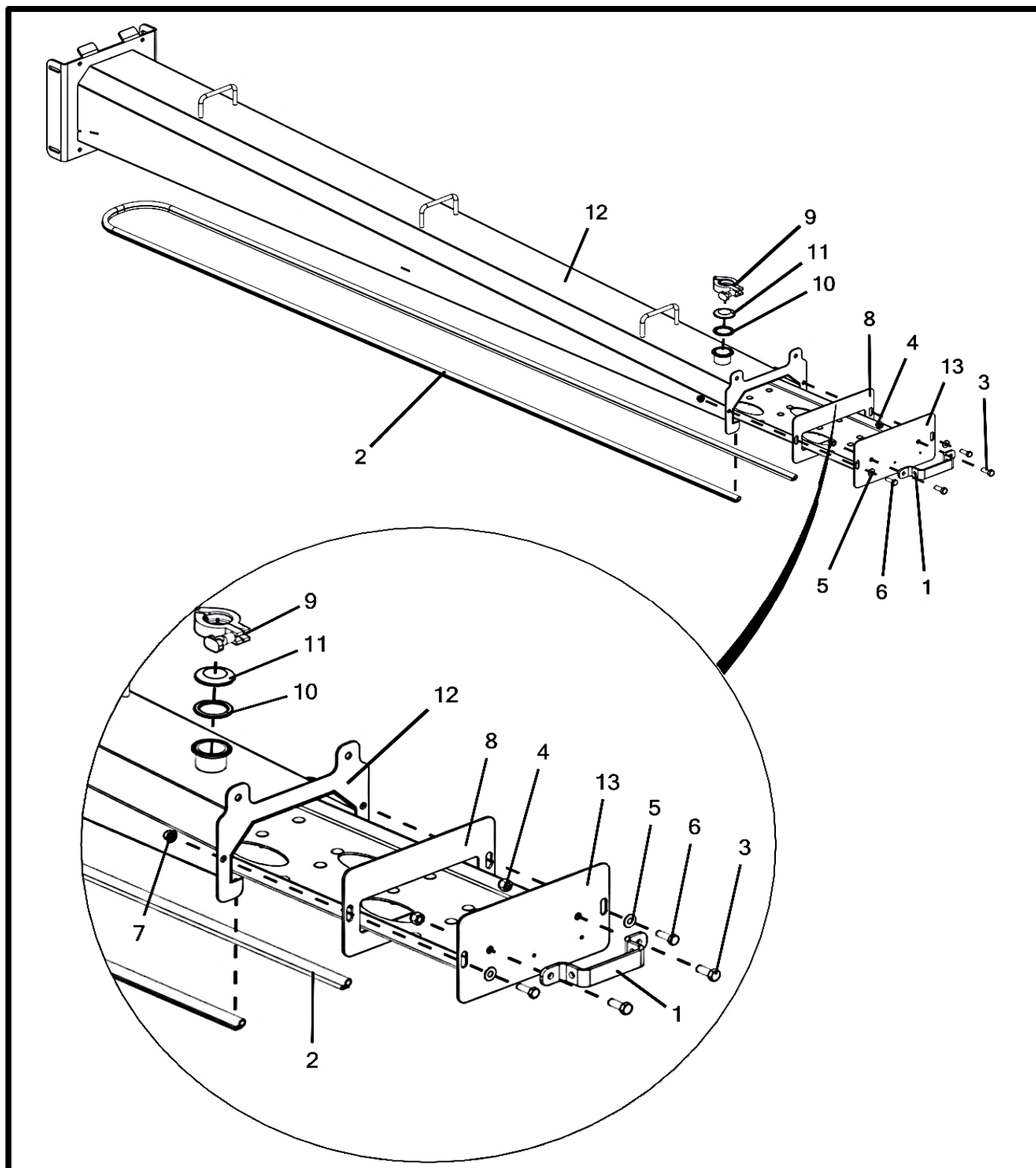
Fan Assembly

Item No.	Qty	Part Number	Description
		A002408	Fan - Crary 8" CCW Flange (Assembly)
1	1	P002082	Fan - Crary 8" (17374)
2	1	P002399	Housing - Crary 8" Flange Mount Inlet Side (LH)
3	1	P002400	Housing - Crary 8" Flange Mount Motor Side (RH)
4	1	P002533__	Plate - Fan Motor Mount Spacer Crary 6" (24973-12)
5	12	P002695	Bolt - 3/8-16 x 1.25 x 1.25 Hex (GR 5 M/S FC) *
6	12	P002696	Nut - 3/8-16 Flange (GR 5 M/S FC) *
7	8	P002697	Bolt - 3/8-16 x 1 x 1 Flange (GR 5 M/S FH) †
8	4	P002698	Washer - 3/8" Fender (1.25" OD) (GR 5 M/S FC) †
9	1	P002716__	Plate - Fan Motor Mount Crary 8" (9/16" Offset)

(*) Included in K002025 - Kit - Crary Fan 8" Hardware

(†) Included in K002167 - Kit - Crary 8" Fan Screen And Motor Mount Hardware

Plenum Assembly

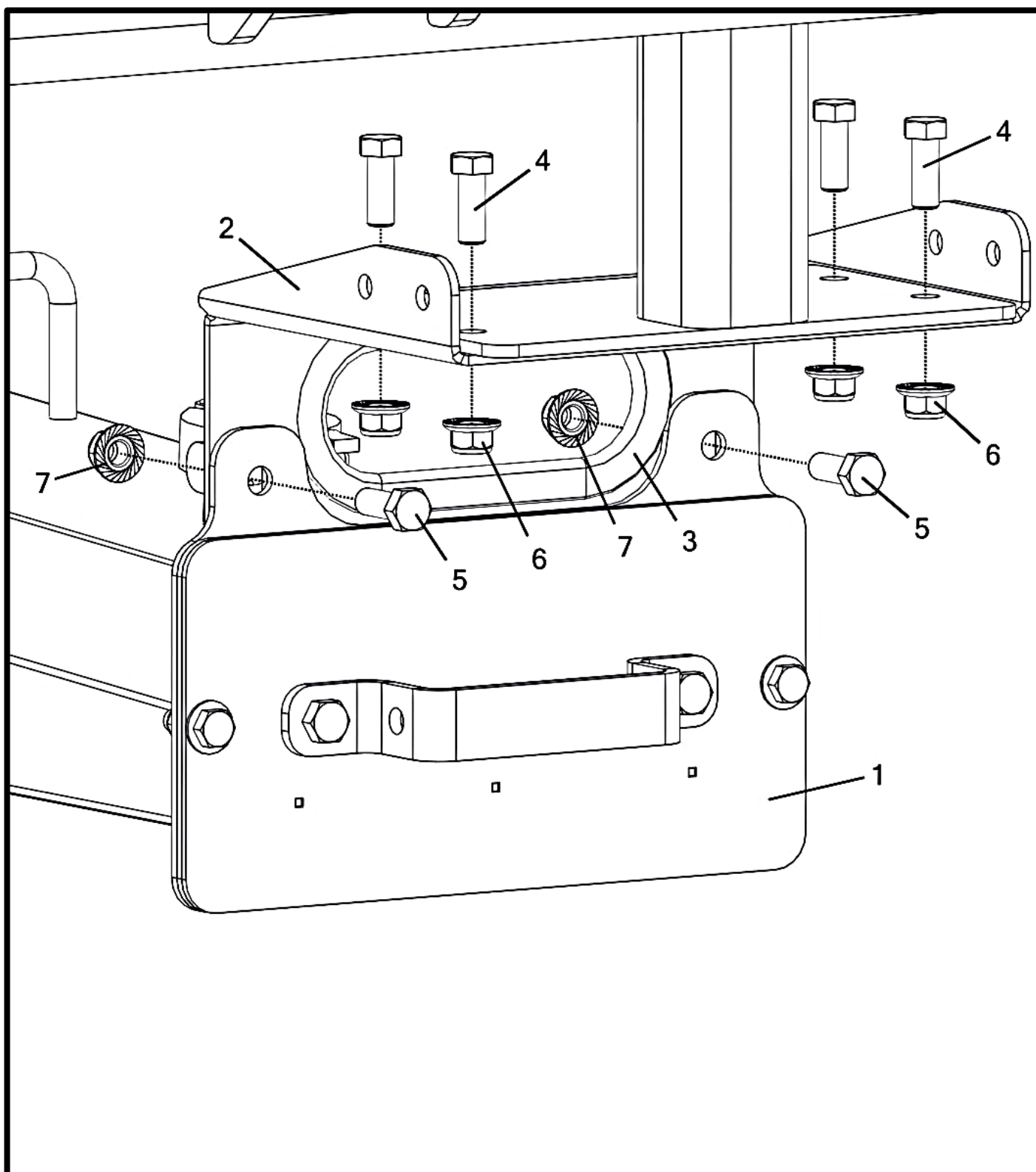


Plenum Assembly

Item No.	Qty	Part Number	Description
		A002010	Plenum - 18 Row Gen II Assembly
1	1	M000016	Handle - Poly Lid
2	1	M002236	Seal - Plenum Edge Grip
3	2	P000097	Bolt - 3/8-16 x 1 x 1 Hex (F593 304 S/S FB) *
4	2	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) *
5	2	P000109	Washer - 5/16" Flat (0.75" OD) (18-8 S/S FB) *
6	2	P000711	Bolt - 5/16-18 x 1 x 0.875 Hex (F593 304 S/S FB) *
7	2	P002224	Nut - 5/16-18 Flange Nylon Lock (18-8 S/S FB) *
8	1	P002243	Gasket - Plenum Tray Seal
9	1	P002252	Clamp- 1-1/2" Sanitary Fitting
10	1	P002257	Gasket - 1-1/2" Sanitary O-Ring Flange
11	1	P002258	Cap- 1" To 1 1/2" Sanitary Quick Clamp
12	1	W002022	Plenum - 18 Row Weldment
13	1	W002436	Tray - Plenum Air Chamber Mount Gen II

(*) Included in K002042 - Kit - Plenum Assembly Hardware Gen II

Rear Plenum Area

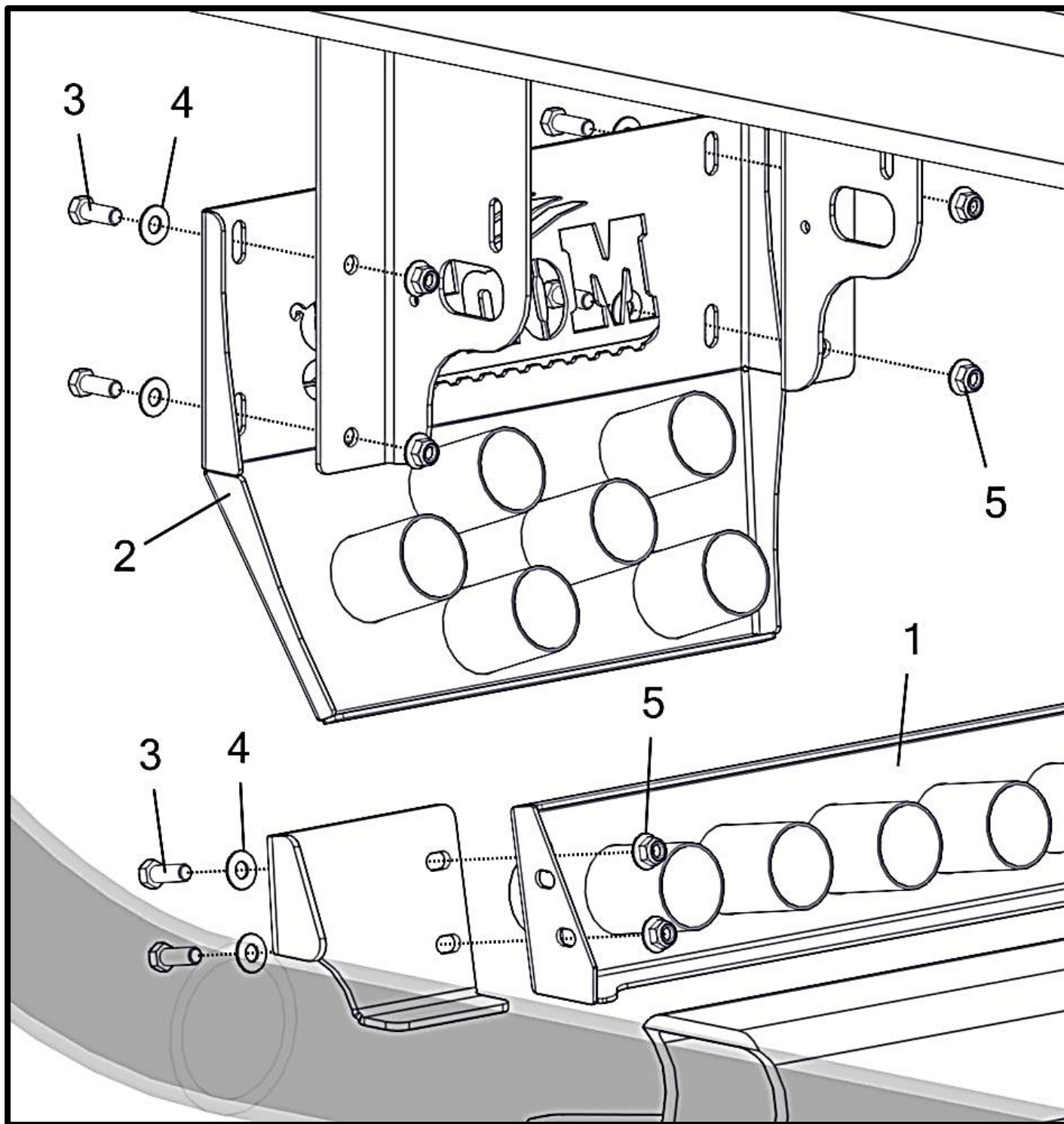


Rear Plenum Area

Item No.	Qty	Part Number	Description
		A002209__	Plenum - Air Sub-Assembly Gen II
1	1	A002010	Plenum - 18 Row Gen II Assembly
2	1	M002112__	Bracket - Rear Plenum Mount Gen II
3	1	M003068	Trim - Plenum Rear Mount Bracket
4	4	P000039	Bolt - 3/8-16 x 1 x 1 Hex (GR 5 M/S FA) *
5	2	P000097	Bolt - 3/8-16 x 1 x 1 Hex (F593 304 S/S FB) *
6	4	P002205	Nut - 3/8-16 Flange Nylon Lock (GR 5 M/S FA) *
7	2	P002225	Nut - 3/8-16 Flange Nylon Lock (18-8 S/S FB) *

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

Air Hose Manifolds

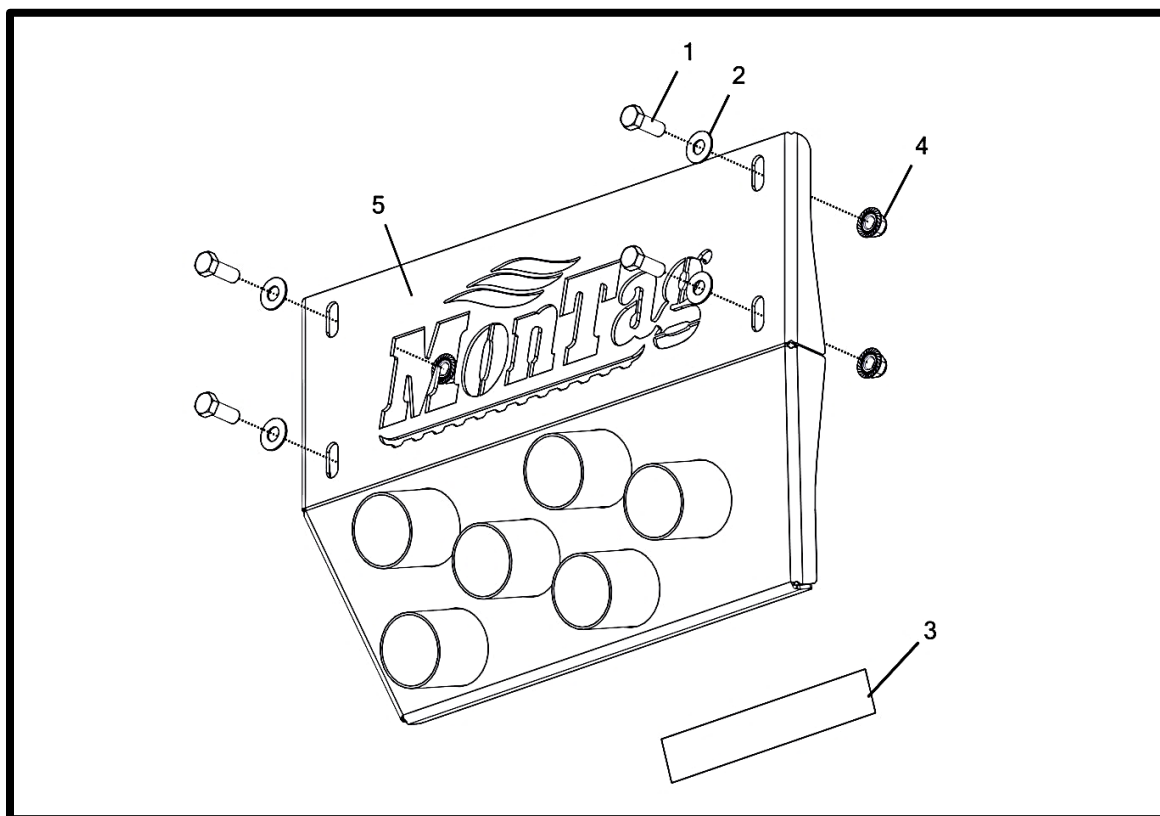


Air Hose Manifolds

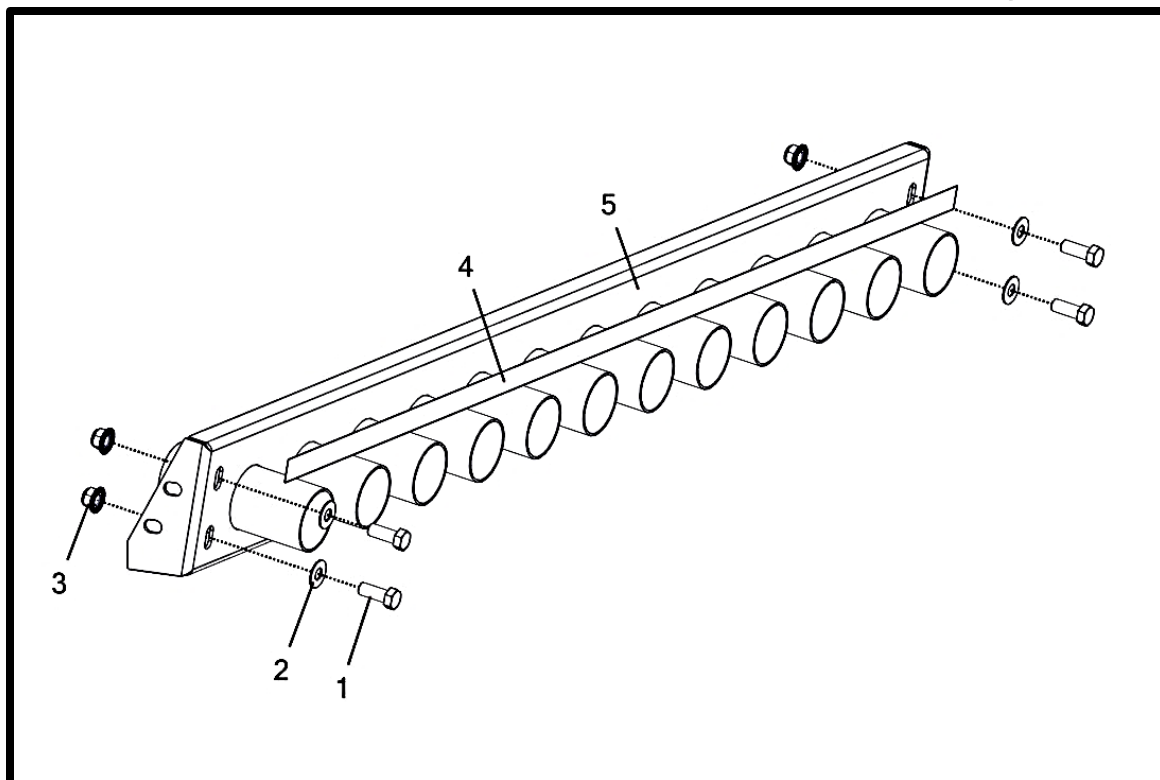
Item No.	Qty.	Part Number	Description
1	1	A002206	Manifold - Lower Air Hose Sub-Assembly
2	1	A002207	Manifold - Upper Air Hose Sub-Assembly
3	8	P000097	Bolt - 3/8-16 x 1 x 1 Hex (F593 304 S/S FB) *
4	8	P000111	Washer - 3/8" Flat (0.875" OD) (18-8 S/S FB) *
5	8	P002225	Nut - 3/8-16 Flange Nylon Lock (18-8 S/S FB) *

(*) Included in K002040 - Kit - Air Hose Manifold Hardware Gen II (QTY. 2)

Upper Air Hose Manifold Sub-Assembly



Lower Air Hose Manifold Sub-Assembly



Manifold - Upper Air Hose Sub-Assembly

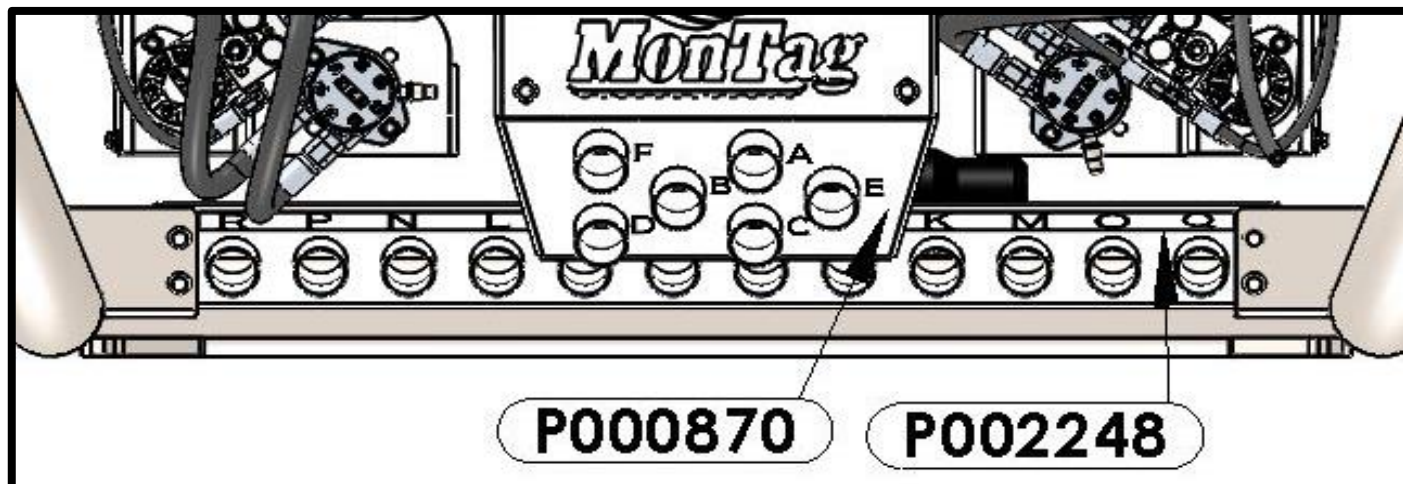
Item No.	Qty.	Part Number	Description
		A002207	Manifold - Upper Air Hose Sub-Assembly
1	4	P000097	Bolt - 3/8-16 x 1 x 1 Hex (F593 304 S/S FB) *
2	4	P000111	Washer - 3/8" Flat (0.875" OD) (18-8 S/S FB) *
3	1	P000870	Decal - Front Manifold Label (A-F)
4	4	P002225	Nut - 3/8-16 Flange Nylon Lock (18-8 S/S FB) *
5	1	W002526	Manifold - Front "Montag" 6 Row Hose Gen II

(*) Included in K002040 - Kit - Air Hose Manifold Hardware Gen II

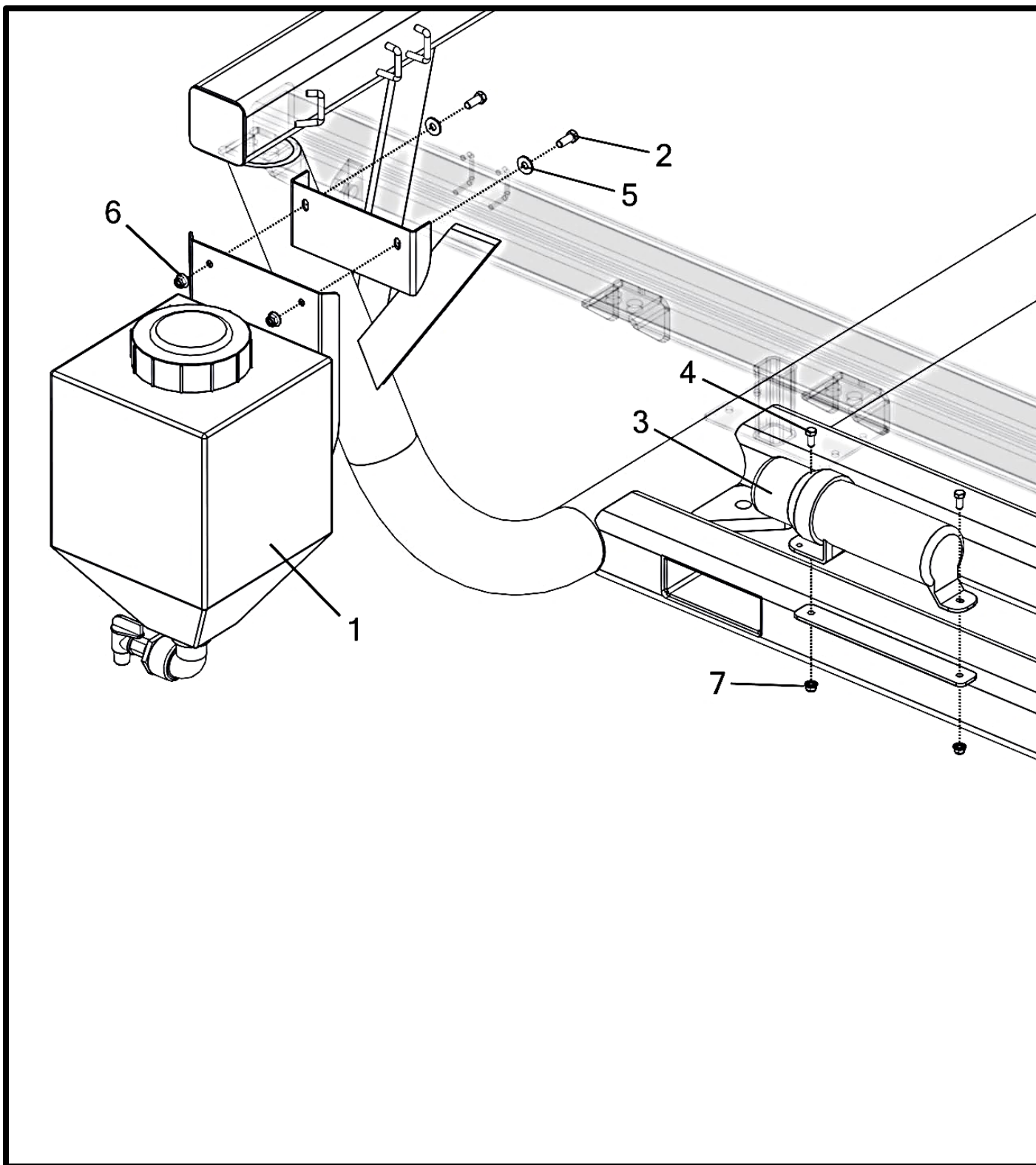
Manifold - Lower Air Hose Sub-Assembly

Item No.	Qty.	Part Number	Description
		A002206	Manifold - Lower Air Hose Sub-Assembly
1	4	P000097	Bolt - 3/8-16 x 1 x 1 Hex (F593 304 S/S FB) *
2	4	P000111	Washer - 3/8" Flat (0.875" OD) (18-8 S/S FB) *
3	4	P002225	Nut - 3/8-16 Flange Nylon Lock (18-8 S/S FB) *
4	1	P002248	Decal - Back Manifold Row Label (G-R) (GEN II)
5	1	W002374	Manifold - 12 Hole Hose Single Row

(*) Included in K002040 - Kit - Air Hose Manifold Hardware Gen II



Rinse Tank And Manual Holder

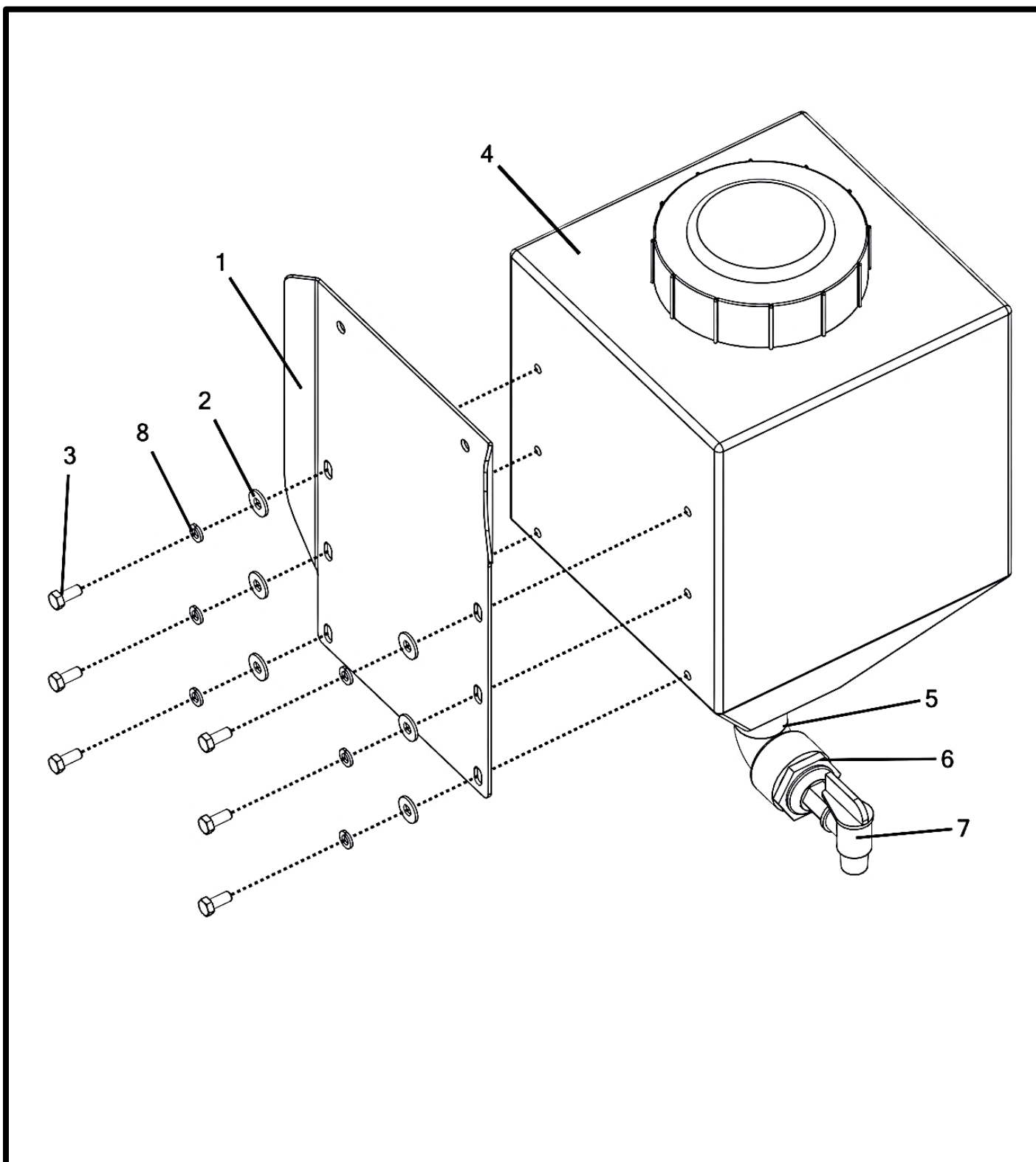


Rinse Tank And Manual Holder

Item No.	Qty.	Part Number	Description
1	1	A002156__	Tank - Rinse Tank w/ Bracket And Hardware
2	2	P000039	Bolt - 3/8-16 x 1 x 1 Hex (GR 5 M/S FA) *
3	1	P000317	Holder - Instruction Manual
4	2	P000318	Bolt - 5/16-18 x 0.75 x 0.75 Hex (GR 5 M/S FA) *
5	2	P000752	Washer - 3/8" USS Flat (1" OD) (GR 5 M/S FA) *
6	2	P002205	Nut - 3/8-16 Flange Nylon Lock (GR 5 M/S FA) *
7	2	P002217	Nut - 5/16-18 Flange Nylon Lock (GR 5 M/S FA) *

(*) Included in K002045 - Kit - Misc. Rear Mounting Hardware Gen II

Tank - Rinse Tank w/ Bracket And Hardware

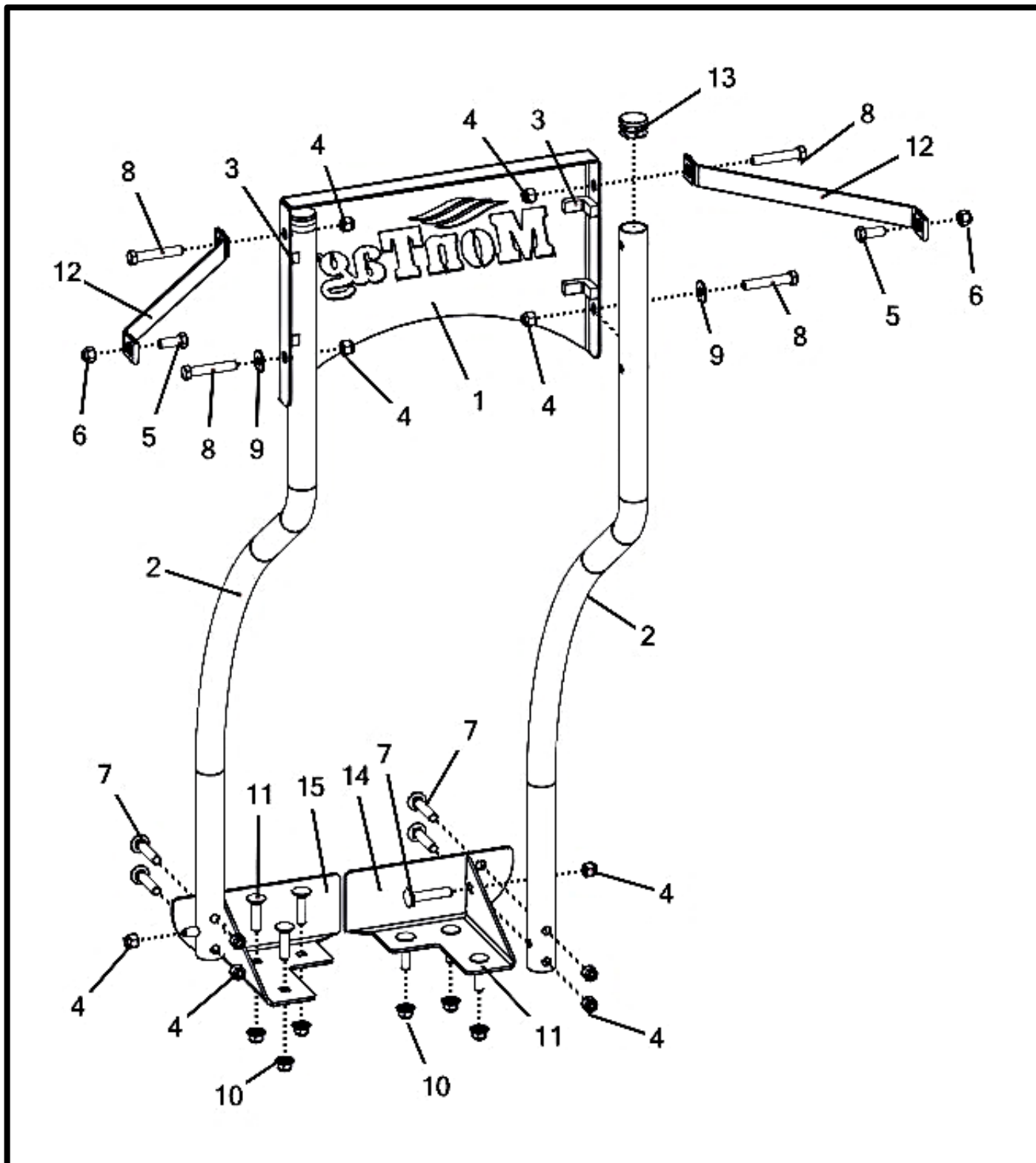


Tank - Rinse Tank w/ Bracket And Hardware

Item No.	Qty.	Part Number	Description
		A002156__	Tank - Rinse Tank w/ Bracket And Hardware
1	1	M002601__	Plate - Wash Tank Mount
2	6	P000294	Washer - 5/16" USS Flat (0.875" OD) (GR 5 M/S FA) *
3	6	P000318	Bolt - 5/16-18 x 0.75 x 0.75 Hex (GR 5 M/S FA) *
4	1	P002230	Tank - 5 Gallon Rinse
5	1	P002261	Fitting - 90° Street Elbow 1-1/4
6	1	P002263	Fitting - Pipe Reducer 1-1/4 x 3/4
7	1	P002264	Valve - 3/4 Drum Faucet (Clear/White)
8	6	P002377	Washer - 5/16" Split Lock (0.583" OD) (GR 5 M/S FA) *

(*) Included in K002044 - Kit - Rinse Tank Sub-Assembly Hardware

Front Platform Stop Rail

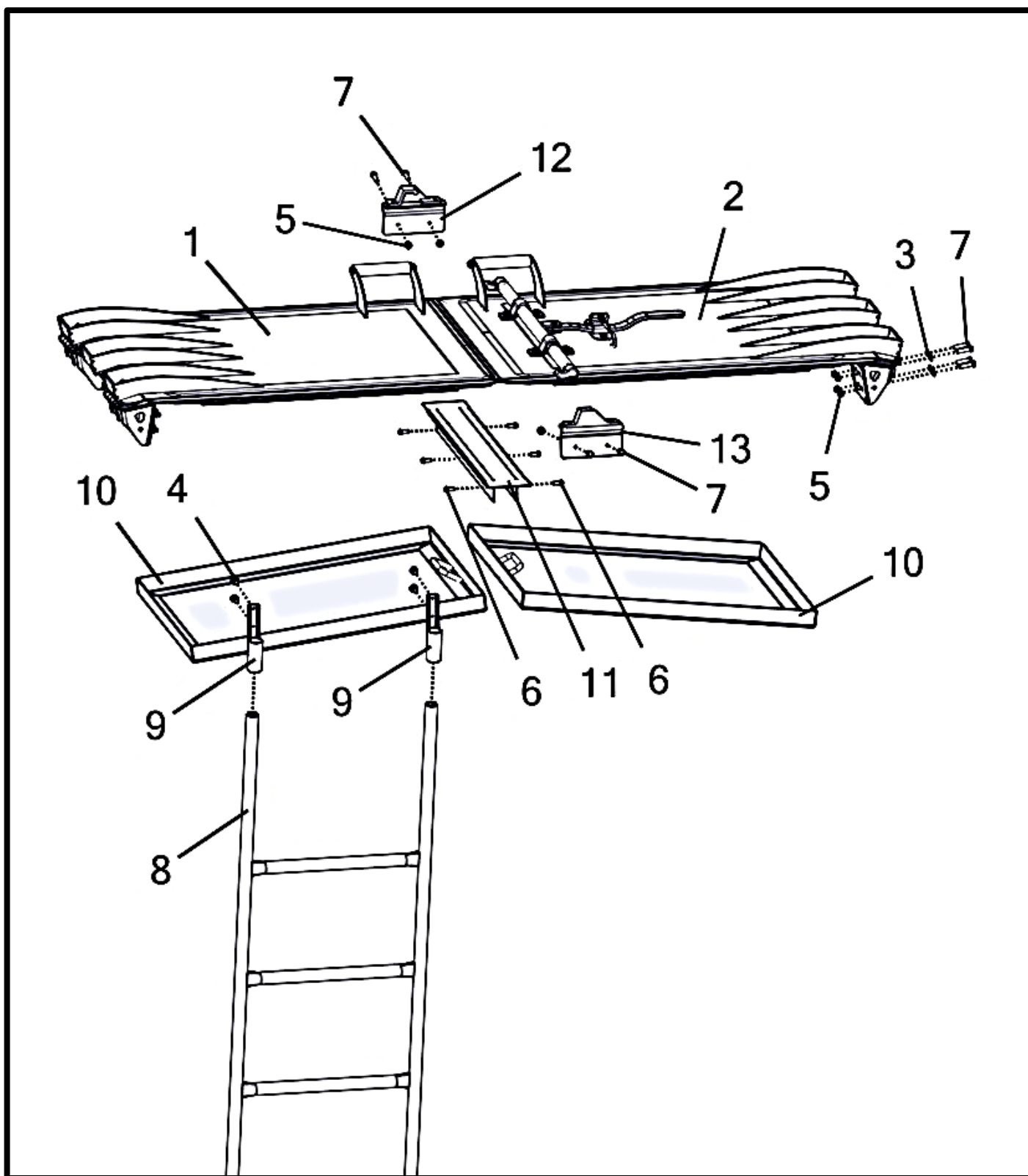


Front Platform Stop Rail

Item No.	Qty.	Part Number	Description
		A002136__	Rail - Front Platform Stop W/Toe Kick
1	1	M002553__	Plate- Platform Rail stop
2	2	M002607__	Rail- Front Platform Stop
3	4	M002714	Seal - Adhesive Foam 1/4" x 1/2" x 2"
4	10	P000057	Nut - 3/8-16 Hex Nylon Lock (GR 5 M/S FA) *
5	2	P000097	Bolt - 3/8-16 x 1 x 1 Hex (F593 304 S/S FB) *
6	2	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) *
7	6	P000418	Bolt - 3/8-16 x 2 x 1 Carriage (GR 5 M/S FA) *
8	4	P000462	Bolt - 3/8-16 x 2.25 x 1 Hex (GR 5 M/S FA) *
9	2	P000752	Washer - 3/8" USS Flat (1" OD) (GR 5 M/S FA) *
10	6	P002225	Nut - 3/8-16 Flange Nylon Lock (18-8 S/S FB) *
11	6	P002242	Bolt - 3/8-16 x 1.5 x 1 Carriage (F593 304 S/S FB) *
12	2	P002256	Strap - 1" X 12.5" Safety
13	2	P002380	Cap - Plastic Insert - 1-1/4 x 16 Gauge
14	1	W002387__	Gusset- Front Platform Stop (RH)
15	1	W002388__	Gusset- Front Platform Stop (LH)

(*) Included in K002047 - Kit - Front Rail Stop Assembly Hardware

Lids and Upper Tank Area



Lids and Upper Tank Area

Item No.	Qty	Part Number	Description
		(R) A002493	Lids - Poly Tank Sub-Assembly Gen 2 w/ Flange
1	1	(R) A002486	Lid - Poly Tank Bottom Gen II 2218 w/ Flange
2	1	(R) A002487	Lid - Poly Tank Top Gen II 2218 w/ Flange
3	16	P000107	Washer - 1/4" Flat (0.625" OD) (18-8 S/S FB) *
4	4	P002249	Rivet - 3/16" Large Flange 5/8"-3/4" Grip (18-8 S/S FB) ‡
5	20	P002291	Nut - 1/4-20 Flange Nylon Lock (18-8 S/S FB) †
6	6	P002374	Screw - #12-11 x 0.75 Sheet Metal Hex Washer Head Slotted (18-8 S/S FB)
7	20	P002474	Bolt - 1/4-20 x 1.25 x 0.75 Hex (F593 304 S/S FB) *
8	1	W002359	Ladder - Poly Tank Gen II Inside
9	2	W002368	Bracket - Inside Tank Ladder Hold Gen II-D
10	2	W002540	Screen - Gen 2 Tank (3/4" C/C) (4 Total Per Machine)
	1	W002370	Screen - Gen 2 Tank (1/2" C/C) (2 Total Per Machine)
11	1	W002390	Bracket - Lid Center Seal Gen 2
12	1	W002392	Bracket - Bar Cam Lock Keeper (Inside)
13	1	W002393	Bracket - Cam Bar Lock Keeper (Outside)

(*) Included in K002050 - Kit - Lid/Tank Assembly Outside Hardware Gen II

(†) Included in K002051 - Kit - Lid/Tank Assembly Inside Hardware Gen II,

(‡) Included in K002147 - Kit - Misc. Inside Tank Hardware Gen II

QTY'S SHOWN IN BOM ARE FOR ONE TANK

This technical drawing is an exploded view of a mechanical assembly, likely a hinge or a mounting bracket. The main components are labeled with numbers 1 through 18. Part 1 is the base plate, which has several slots and mounting points. Part 2 is a cylindrical pin. Part 3 is a curved bracket that fits into the slots of part 1. Part 4 is a small plate that fits between parts 1 and 3. Part 5 is a small plate that fits into the slots of part 1. Part 6 is a small plate that fits into the slots of part 1. Part 7 is a small plate that fits into the slots of part 1. Part 8 is a small plate that fits into the slots of part 1. Part 9 is a small plate that fits into the slots of part 1. Part 10 is a small plate that fits into the slots of part 1. Part 11 is a small plate that fits into the slots of part 1. Part 12 is a small plate that fits into the slots of part 1. Part 13 is a small plate that fits into the slots of part 1. Part 14 is a small plate that fits into the slots of part 1. Part 15 is a small plate that fits into the slots of part 1. Part 16 is a small plate that fits into the slots of part 1. Part 17 is a small plate that fits into the slots of part 1. Part 18 is a small plate that fits into the slots of part 1.

This exploded view diagram illustrates the assembly of a mechanical component, likely a hinge or bracket. The main body is labeled 1. Two curved, ribbed components, labeled 2, are shown being inserted into slots on the main body. A long pin, labeled 7, is shown passing through the curved components and the main body. Two small circular components, labeled 5, are shown being inserted into the curved components. Two larger, complex components, labeled 3, are shown being attached to the main body. Each of these components 3 has two screws, labeled 6, being inserted into it. The components 3 are also labeled 8. The main body 1 has two curved, ribbed components, labeled 4, being inserted into it. The main body 1 has a red arrow pointing downwards, indicating the direction of assembly or movement.

Tank Lid - Top

Item No.	Qty	Part Number	Description
		(R) A002487	Lid - Poly Tank Top Gen II 2218 w/ Flange
1	1	M002608	Seal - Poly Lid Gasket Gen II
2	1	M002804	Handle - Lid Gen II
3	8	P000093	Bolt - 5/16-18 x 0.75 x 0.75 Hex (F593 304 S/S FB)*
4	2	P000094	Bolt - 5/16-18 x 1 x 1 Carriage (F593 304 S/S FB) †
5	4	P000097	Bolt - 3/8-16 x 1 x 1 Hex (F593 304 S/S FB) †
6	10	P000104	Nut - 5/16-18 Hex Nylon Lock (F594 316 S/S FB) * †
7	4	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) †
8	1	P002224	Nut - 5/16-18 Flange Nylon Lock (18-8 S/S FB) *
9	1	P002267	Bracket - Hasp Bar Lock
10	2	P002269	Bracket - Top Lid Pipe Retainer
11	2	P002270	Bracket - Bottom Pipe Retainer
12	4	P002433	Bumper - SBR Rubber Push-In, 1" x 5/16" x 1/2"
13	1	P002451	Bolt - 5/16-18 x 6 x 0.875 Carriage (F593 304 S/S FB) *
14	1	P002612	Pin - 3/16" x 1-3/8" Lynch (18-8 S/S FB)
15	1	P002828	Lanyard - .063" x 12" S/S Cable (PVC Coated)
16	1	W002391	Lock - Lid Cam Bar
17	2	W002438	Bracket - Tank Lid Hinge Gen II
18	1	(R) W002688	Lid - Top Poly Tank Gen II 2218 w/Flange

(*) Included in K002048 - Kit - Lid Assembly Hardware Gen II

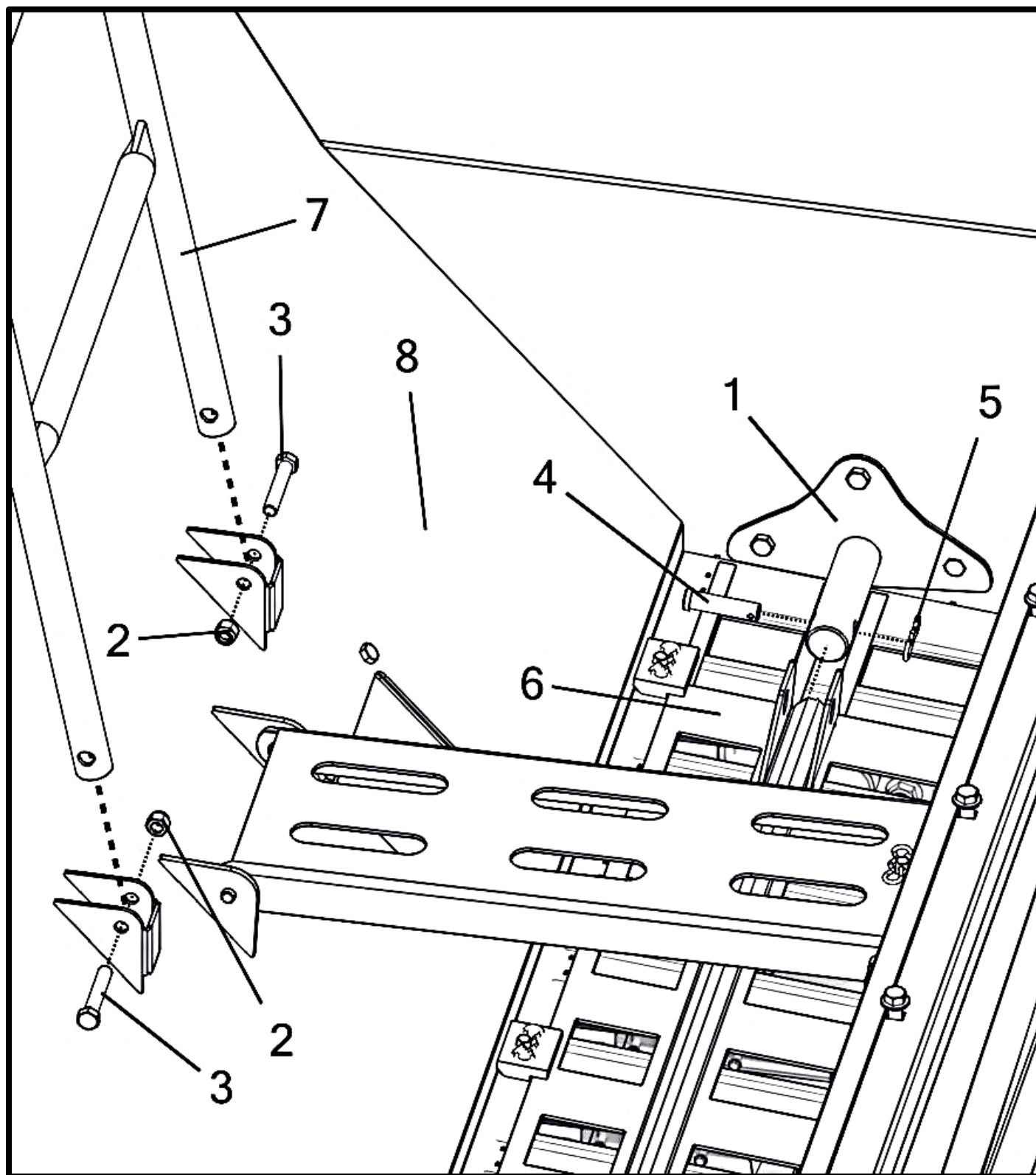
(†) Included in K002049 - Kit - Lid Bar Lock Hardware Gen II

Tank Lid Bottom

Item No.	Qty.	Part Number	Description
		(R) A002486	Lid - Poly Tank Bottom Gen II 2218 w/ Flange
1	1	M002608	Seal - Poly Lid Gasket Gen II
2	1	M002804	Handle - Lid Gen II
3	8	P000093	Bolt - 5/16-18 x 0.75 x 0.75 Hex (F593 304 S/S FB) *
4	8	P000104	Nut - 5/16-18 Hex Nylon Lock (F594 316 S/S FB) *
5	1	P002224	Nut - 5/16-18 Flange Nylon Lock (18-8 S/S FB) *
6	4	P002433	Bumper - SBR Rubber Push-In, 1" x 5/16" x 1/2"
7	1	P002451	Bolt - 5/16-18 x 6 x 0.875 Carriage (F593 304 S/S FB) *
8	2	W002438	Bracket - Tank Lid Hinge Gen II
9	1	(R) W002687	Lid - Bottom Poly Tank Gen II 2218 w/Flange

(*) Included in K002048 - Kit - Lid Assembly Hardware Gen II

Inside Tank / Ladder



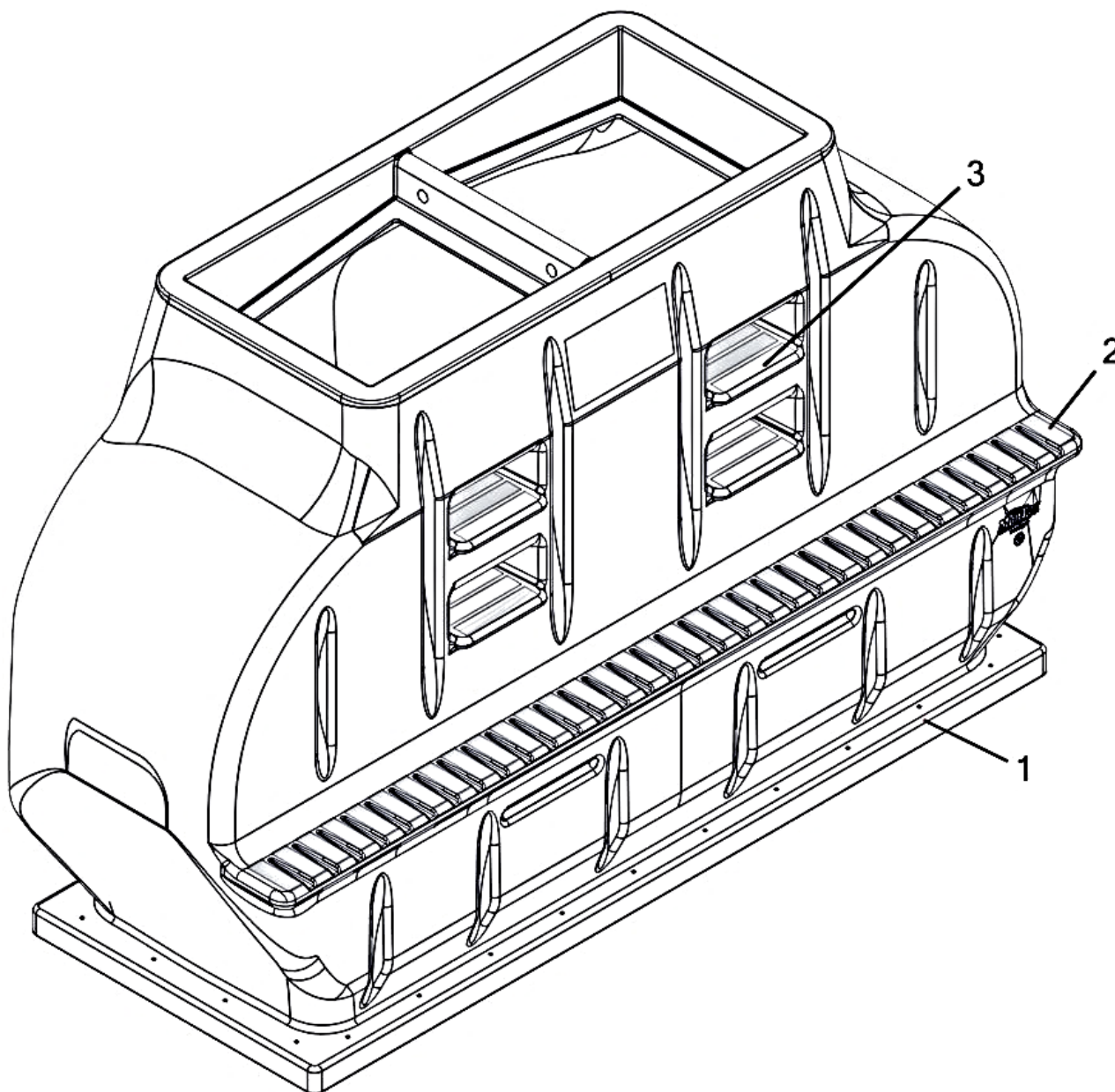
Inside Tank / Ladder

Item No.	Qty.	Part Number	Description
1	1	A002101_ _	Mount - Slide Gate Cylinder Extension
2	1	P002064	Pin - 1/2" x 2" Clevis *
3	2	(R) P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB)
4	2	(R) P000930	Bolt - 3/8-16 x 2.25 x 1 Hex (F593 304 S/S FB)
5	1	P002255	Pin - Hairpin Bowtie 3/8" x 3/32" x 1 7/8" *
6	1	W002036	Slide Gate - 18 Row
7	1	(R) W002724	Trough - Gen II 2218 Poly Tank Meter
8	1	W002359	Ladder - Inside, Gen II Poly Tank

(*) Included in **(R)** K002147 - Kit - Misc. Inside Tank Hardware Gen II

QTY'S SHOWN IN BOM ARE FOR ONE TANK

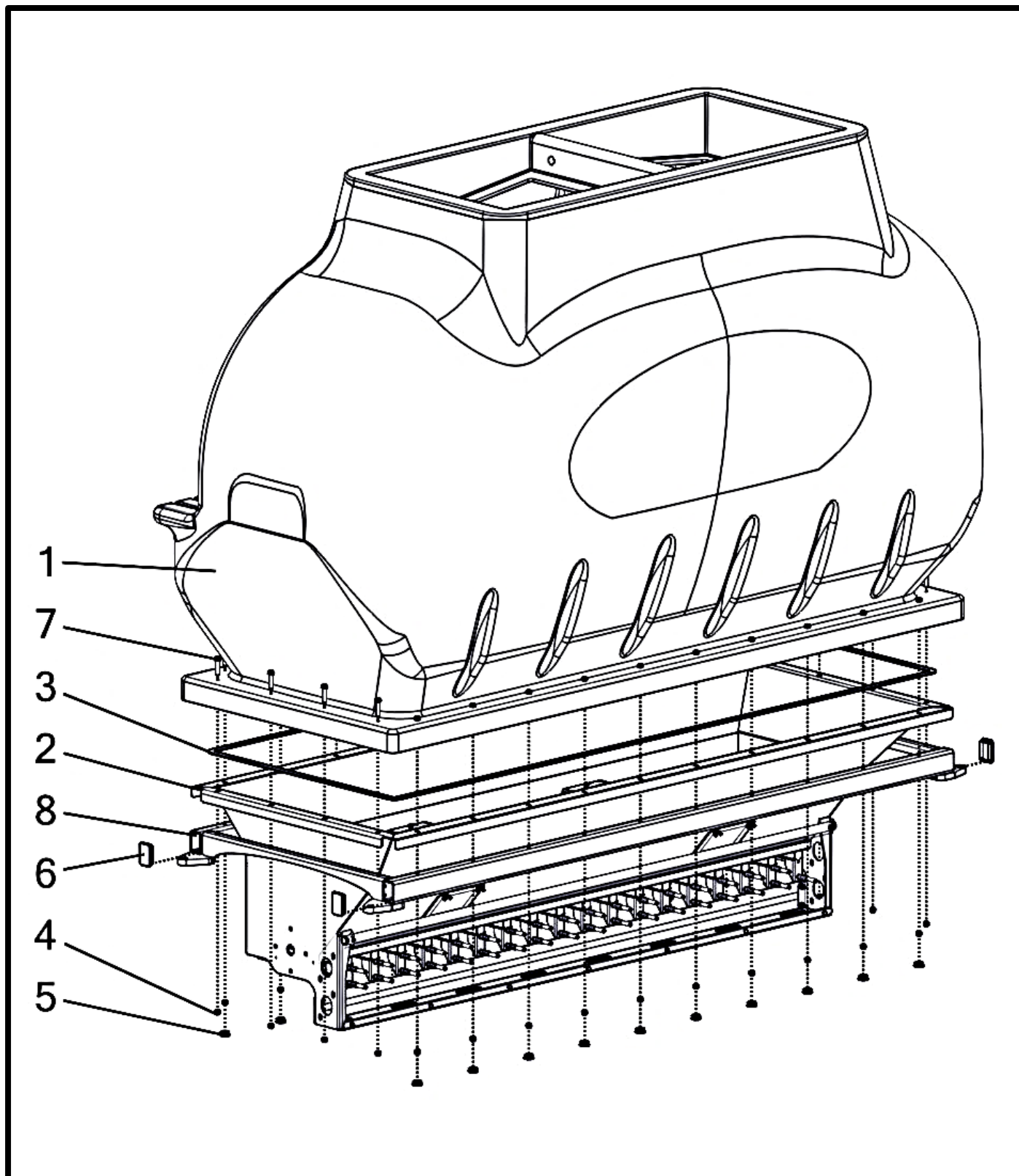
4.5 Ton Poly Tank



4.5 Ton Poly Tank

Item No.	Qty.	Part Number	Description
		A002150__	Assembly - 4.5 Ton Poly Tank Gen II
1	1	P002197__	Tank - Gen II 4.5 Ton Poly (Montag Logo)
2	33	P002232	Decal - Anti-Slip Safety Tape (2" x 6") Black 36g
3	12	P002233	Decal - Anti-Slip Safety Tape (2" x 10") Black 36g

Tank Assembly - Tank/Trough (Tank 1)

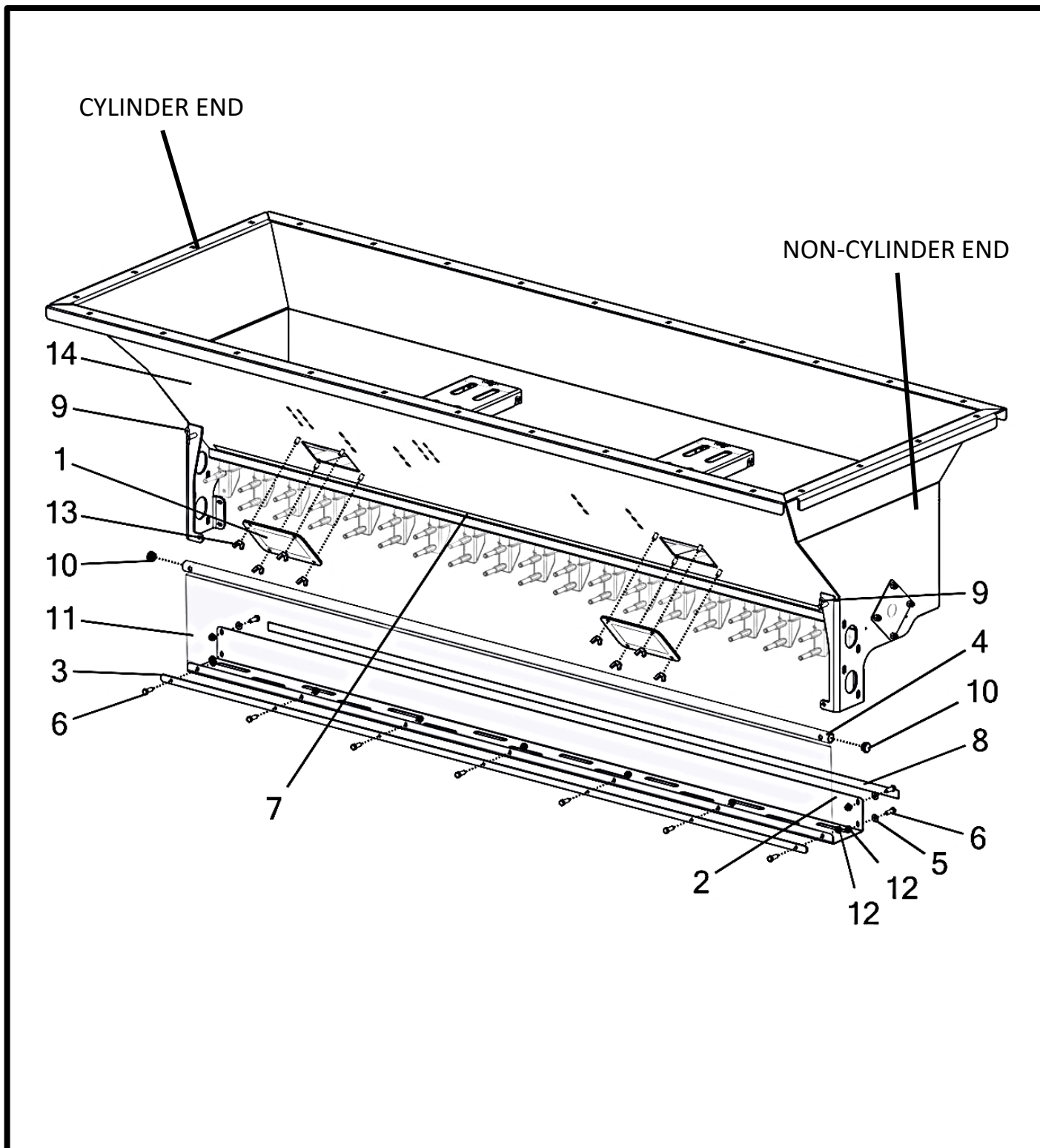


Tank Assembly - Tank/Trough (Tank 1)

Item No.	Qty.	Part Number	Description
		(R) A002514__	Tank Assembly - Gen II 2218 Tank/Trough (Tank 1)
1	1	A002150__	Assembly - 4.5 Ton Poly Tank Gen II
2	1	(R) A002513	Meter - Gen II 2218 Poly Tank Assembly (Left)
3	1	M003077	Seal - Tank To Meter Gen II
4	28	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) *
5	20	P000458	Cap - Plastic Insert - 1-1/4 x 13 Gauge
6	4	P002204	Cap - 3" x 2" Plastic (6-8 Ga)
7	28	P002691	Bolt - 3/8-16 x 2 x 2 Flange (18-8 S/S FB) *
8	1	W002524__	Frame - Poly Tank Mount (Gen II)

(*) Included in K000191 - Kit - Tank Assembly Hardware Gen II

Trough – Shield and Bracket (Tank 1)

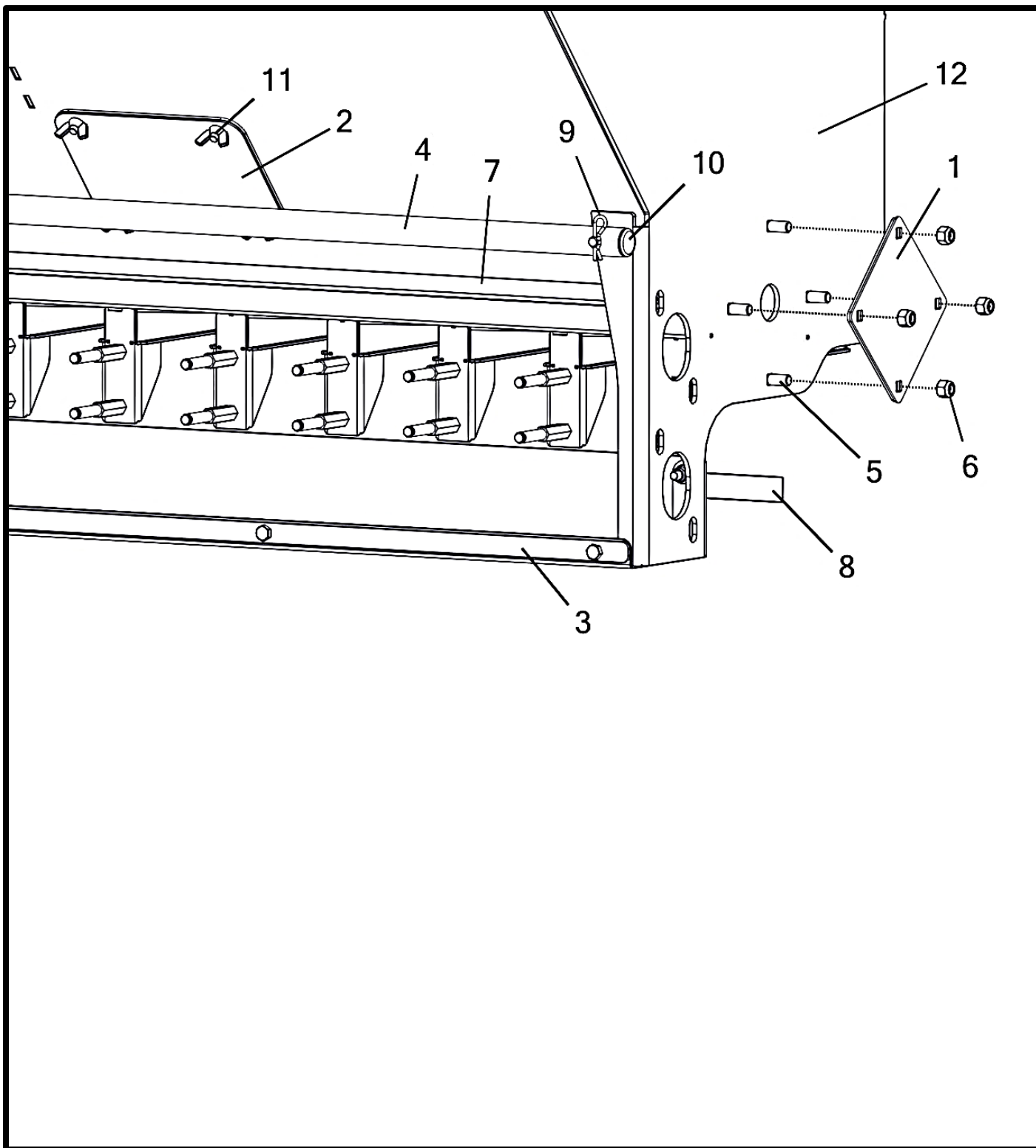


Trough – Shield and Bracket (Tank 1)

Item No.	Qty.	Part Number	Description
		(R) A002513	Meter - Gen II 2218 Poly Tank Assembly (Left)
1	2	(N) A002257	Cover - Clean Out Door W/Gasket (Gen II)
2	1	M002193	Bracket - Tarp Guard Mounting (Gen II)
3	1	M002256	Plate - Vinyl Tarp Shield
4	1	M002261	Tube - Shield Tarp
5	4	P000109	Washer - 5/16" Flat (0.75" OD) (18-8 S/S FB) *
6	11	P000711	Bolt - 5/16-18 x 1 x 0.875 Hex (F593 304 S/S FB) *
7	1	P000867	Decal - Tank Row Label (A-R)
8	1	P000868	Decal - Tank Row Label (R-A)
9	2	P002007	Hairpin Clip - 3/8" x 1 5/8" S/S
10	2	P002055	Cap - 3/4" Plastic Pipe
11	1	P002068	Tarp - Clear Vinyl Shield 18 Row
12	11	P002224	Nut - 5/16-18 Flange Nylon Lock (18-8 S/S FB) *
13	8	(N) P002854	Nut - 5/16-18 Wing (Nylon 6/6 FB)
14	1	(R) W002724	Trough - Gen II 2218 Poly Tank Meter

(*) Included in **(N) K002361** - Kit - Gen II 2218 Trough Hardware

Trough - Non-Cylinder End (Tank 1)

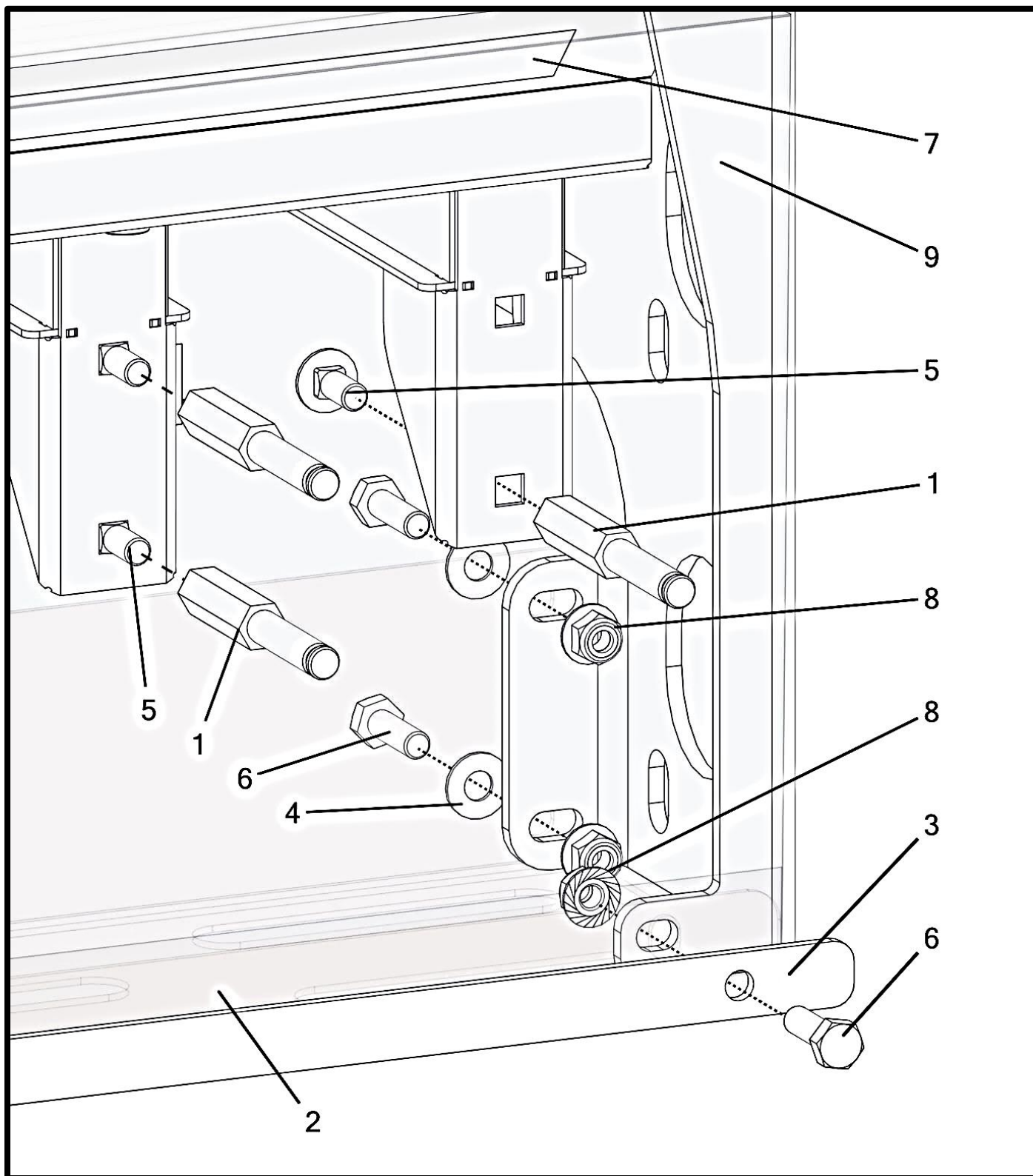


Trough - Non-Cylinder End (Tank 1)

Item No.	Qty	Part Number	Description
		(R) A002513_ _	Meter - Gen II 2218 Poly Tank Assembly (Left)
1	1	A002148	Cover - Slide Gate Cylinder Hole Plate w/ Gasket
2	2	(N) A002257	Cover - Clean-Out Door W/Gasket (Gen II)
3	1	M002256	Plate - Vinyl Tarp Shield
4	1	M002261	Tube - Shield Tarp
5	4	P000098	Bolt - 3/8-16 x 1 x 1 Carriage (F593 304 S/S FB) *
6	4	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) *
7	1	P000867	Decal - Tank Row Label (A-R)
8	1	P000868	Decal - Tank Row Label (R-A)
9	2	P002007	Hairpin Clip - 3/8" x 1 5/8" S/S
10	2	P002055	Cap - 3/4" Plastic Pipe
11	8	(N) P002854	Nut - 5/16-18 Wing (Nylon 6/6 FB)
12	1	(R) W002724	Trough - Gen II 2218 Poly Tank Meter

(*) Included in **(N) K002361** - Kit - Gen II 2218 Trough Hardware

Trough - Hanger And Bracket (Tank 1)

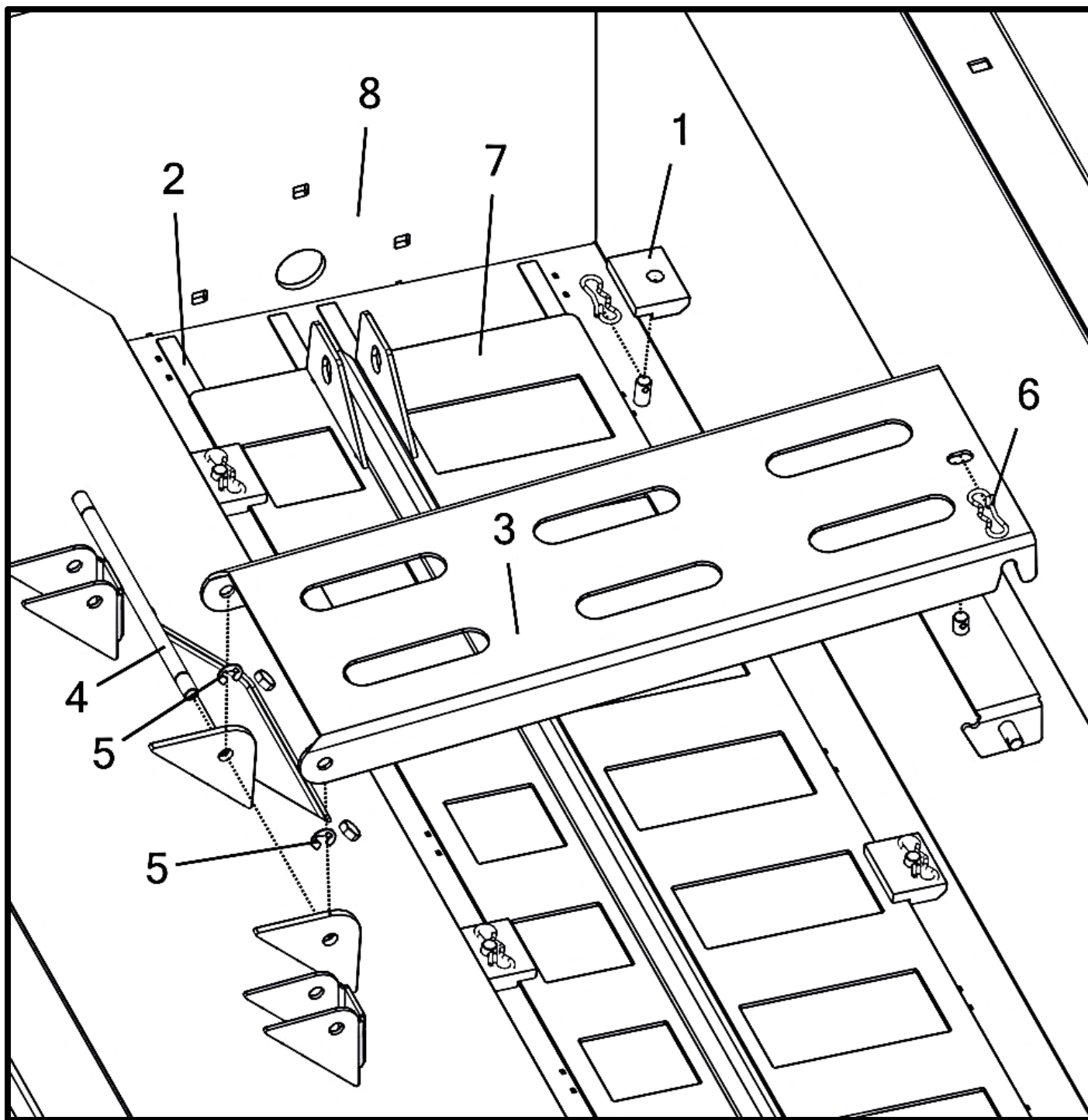


Trough - Hanger And Bracket (Tank 1)

Item No.	Qty.	Part Number	Description
		(R) A002513__	Meter - Gen II 2218 Poly Tank Assembly (Left)
1	36	M002186	Pin - 1/2" Hex 3/8" Gearbox
2	1	M002193	Bracket - Tarp Guard Mounting (Gen II)
3	1	M002256	Plate - Vinyl Tarp Shield
4	4	P000109	Washer - 5/16" Flat (0.755" OD) (SS304 304 S/S FB) *
5	36	P000527	Bolt - 5/16-18 x 0.75 x 0.75 Carriage (F593 304 S/S FB) *
6	11	P000711	Bolt - 5/16-18 x 1 x 0.875 Hex (F593 304 S/S FB) *
7	1	P000867	Decal - Tank Row Label (A-R)
8	11	P002224	Nut - 5/16-18 Flange Nylon Lock (F594 316 S/S FB) *
9	1	(R) W002724	Trough - Gen II 2218 Poly Tank Meter

(*) Included in **(N) K002361** - Kit - Gen II 2218 Trough Hardware

Trough - Slide Gate And Trough Support (Tank 1)

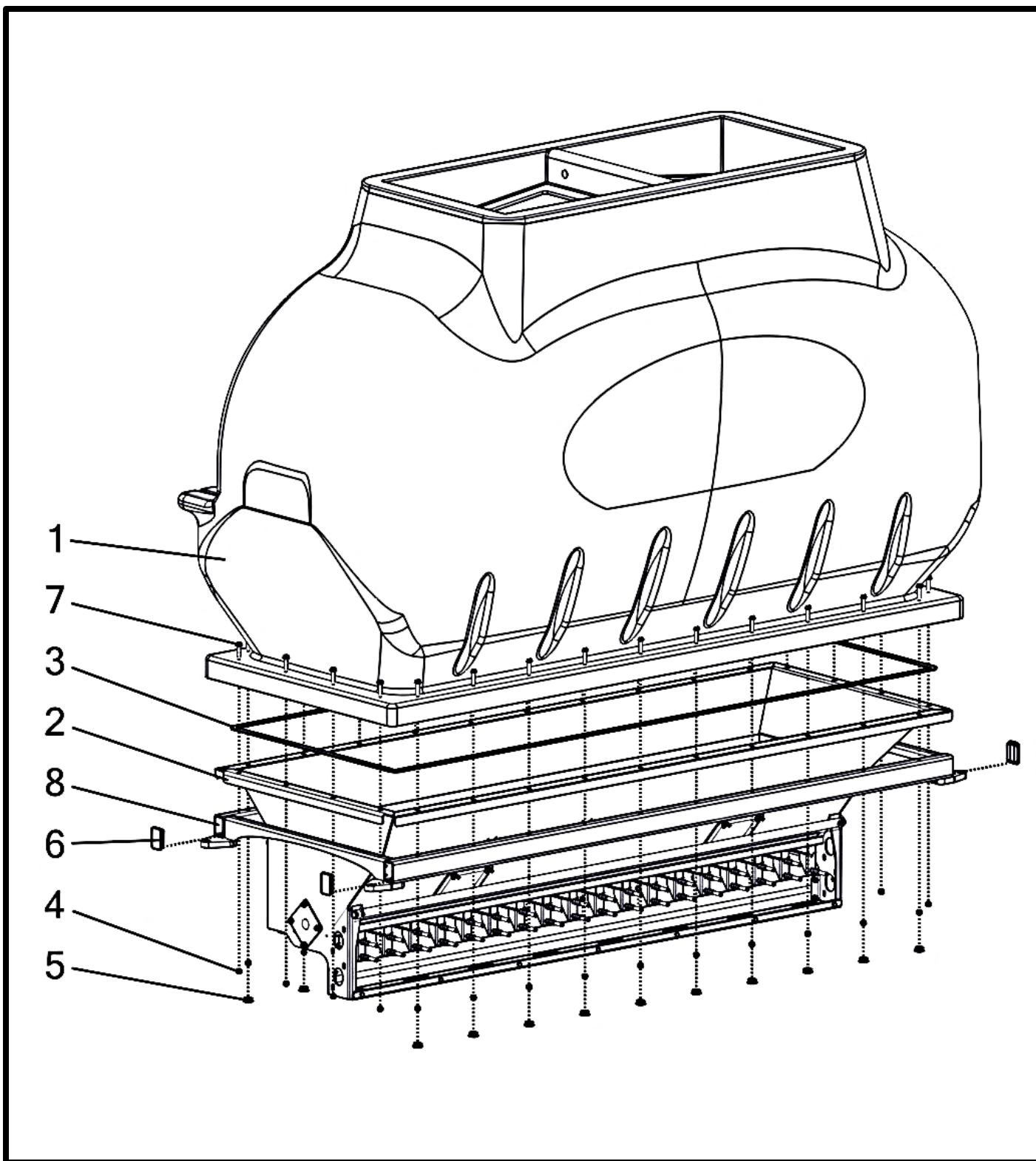


Trough - Slide Gate And Trough Support (Tank 1)

Item No.	Qty.	Part Number	Description
		(R) A002513_ _	Meter - Gen II 2218 Poly Tank Assembly (Left)
1	10	M002105	Block - UHMW Slide Gate Retainer
2	4	M002224	Tape - 1/2" x 1/16" UHMW Slide Gate
3	2	M002552	Support - Inner Tank Trough
4	2	M002574	Pin - Trough Support Hinge
5	4	P002215	Retainer - 3/8" E-Clip *
6	12	P002255	Pin - Hairpin Bowtie 3/8" x 3/32" x 1 7/8"
7	1	W002036	Slide Gate - 18 Row
8	1	(R) W002724	Trough - Gen II 2218 Poly Tank Meter

(*) Included in **(N) K002361** - Kit - Gen II 2218 Trough Hardware

Tank Assembly - Tank/Trough (Tank 2)

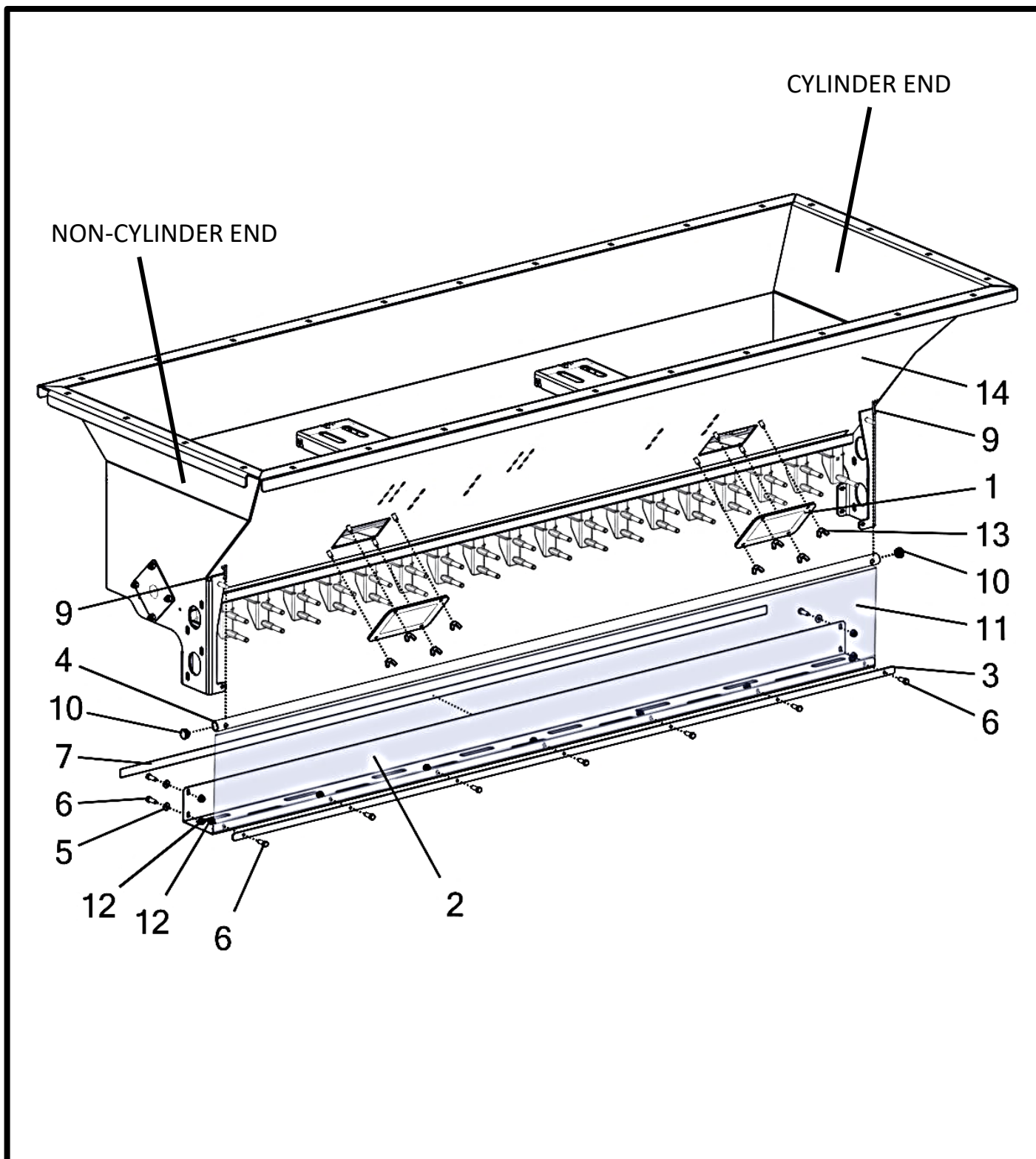


Tank Assembly - Tank/Trough (Tank 2)

Item No.	Qty.	Part Number	Description
		(R) A002510__	Tank Assembly - Gen II 2218 Tank/Trough (Tank 2)
1	1	(R) A002512	Meter - Gen II 2218 Poly Tank Assembly (Right)
2	1	A002150__	Assembly - 4.5 Ton Poly Tank Gen II
3	1	M003077	Seal - Tank To Meter Gen II
4	28	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) *
5	20	P000458	Cap - Plastic Insert - 1-1/4 x 13 Gauge
6	4	P002204	Cap - 3" x 2" Plastic (6-8 Ga)
7	28	(R) P002691	Bolt - 3/8-16 x 2 x 2 Flange (18-8 S/S FB) *
8	1	W002524__	Frame - Poly Tank Mount (Gen II)

(*) Included in K000191 - Kit - Tank Assembly Hardware Gen II

Trough – Shield and Bracket (Tank 2)

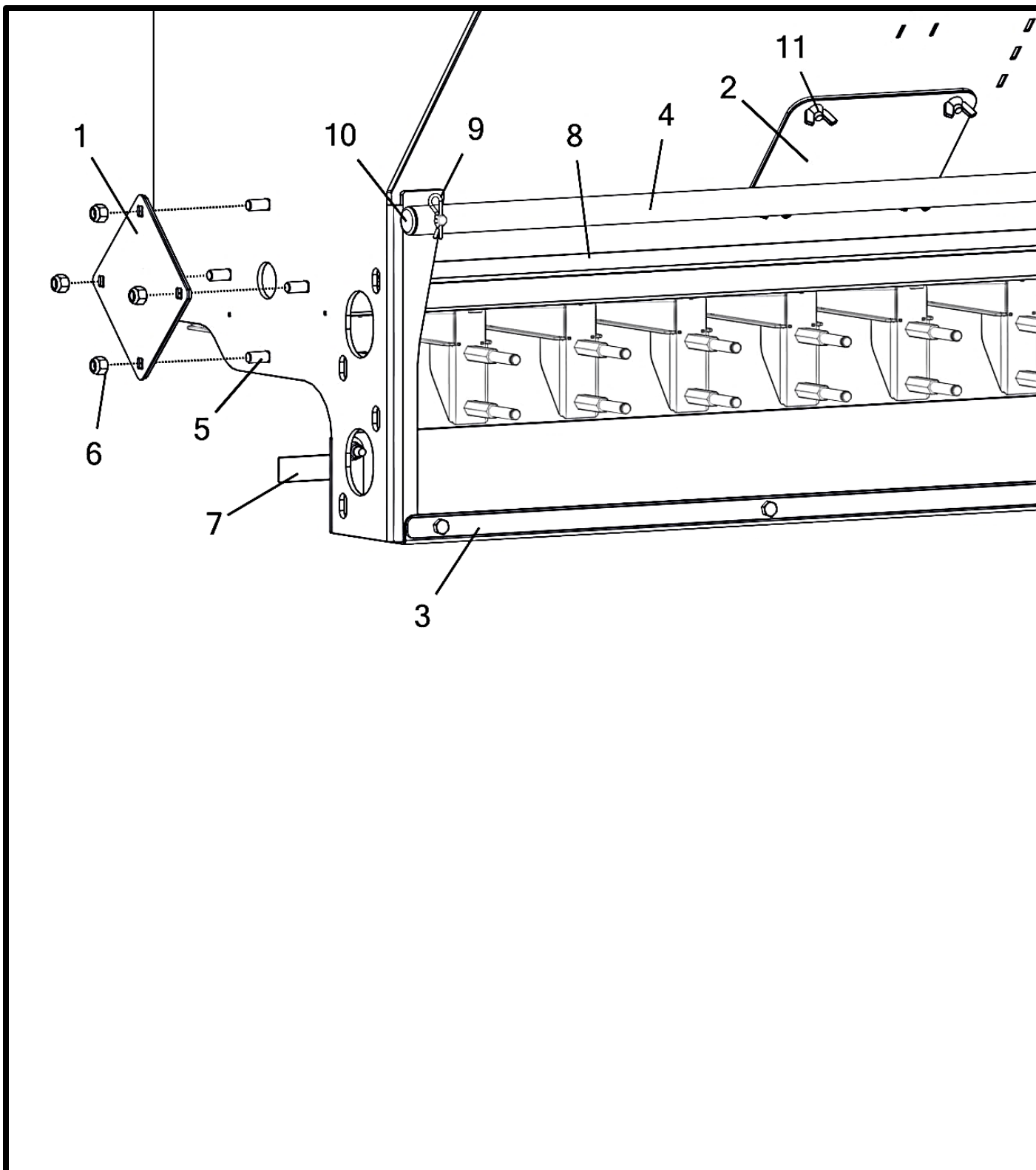


Trough – Shield and Bracket (Tank 2)

Item No.	Qty.	Part Number	Description
		(R) A002512	Meter - Gen II 22187 Poly Tank Assembly (Right)
1	2	(N) A002257	Cover - Clean Out Door W/Gasket (Gen II)
2	1	M002193	Bracket - Tarp Guard Mounting (Gen II)
3	1	M002256	Plate - Vinyl Tarp Shield
4	1	M002261	Tube - Shield Tarp
5	4	P000109	Washer - 5/16" Flat (0.75" OD) (18-8 S/S FB) *
6	11	P000711	Bolt - 5/16-18 x 1 x 0.875 Hex (F593 304 S/S FB) *
7	1	P000867	Decal - Tank Row Label (A-R)
8	1	P000868	Decal - Tank Row Label (R-A)
9	2	P002007	Hairpin Clip - 3/8" x 1 5/8" S/S
10	2	P002055	Cap - 3/4" Plastic Pipe
11	1	P002068	Tarp - Clear Vinyl Shield 18 Row
12	11	P002224	Nut - 5/16-18 Flange Nylon Lock (18-8 S/S FB) *
13	8	(N) P002854	Nut - 5/16-18 Wing (Nylon 6/6 FB)
14	1	(R) W002724	Trough - Gen II 2218 Poly Tank Meter

(*) Included in **(N) K002361** - Kit - Gen II 2218 Trough Hardware

Trough - Non-Cylinder End (Tank 2)

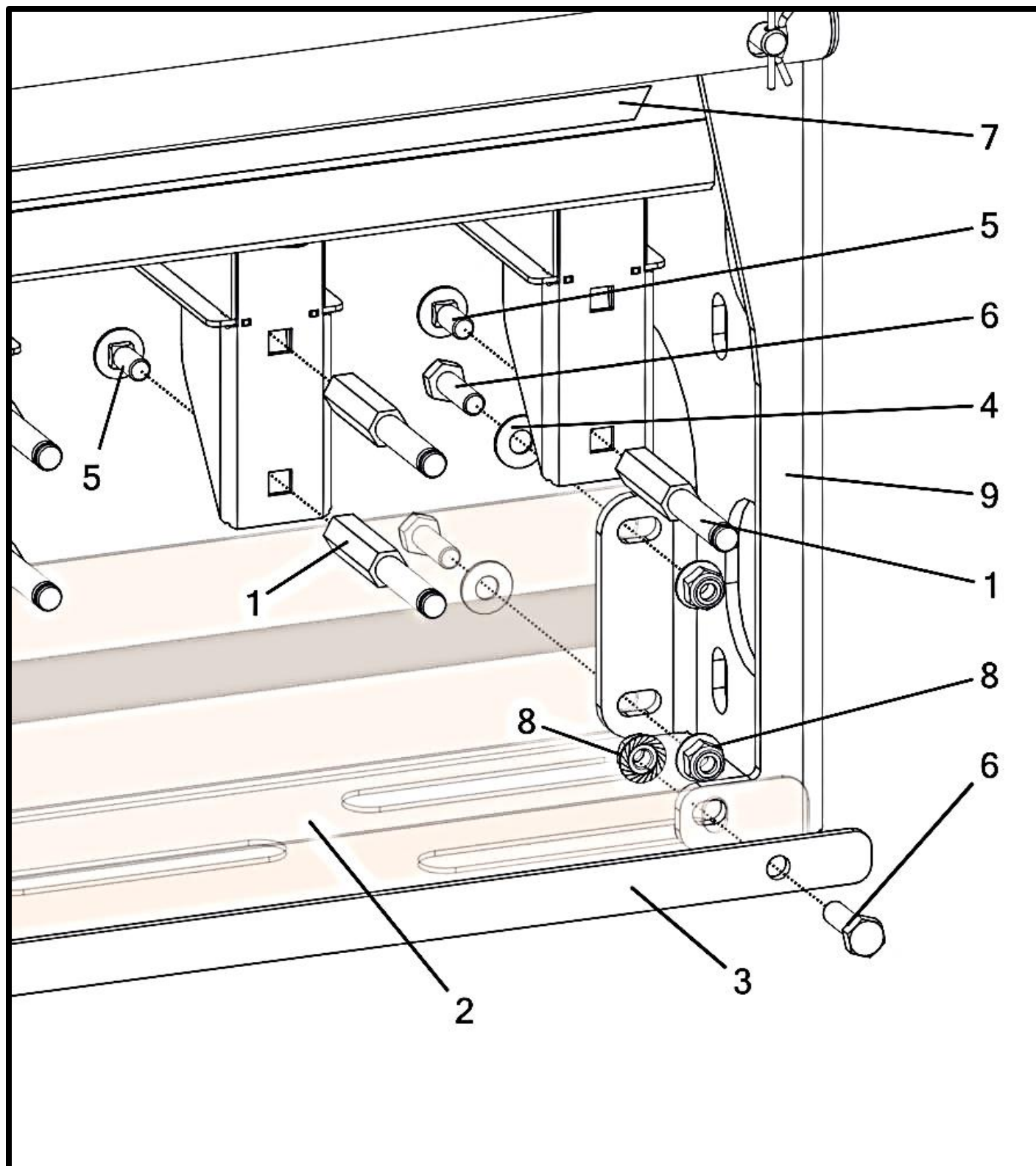


Trough - Non-Cylinder End (Tank 2)

Item No.	Qty	Part Number	Description
		(R) A002513_ _	Meter - Gen II 2218 Poly Tank Assembly (Left)
1	1	A002148	Cover - Slide Gate Cylinder Hole Plate w/ Gasket
2	2	(N) A002257	Cover - Clean-Out Door W/Gasket (Gen II)
3	1	M002256	Plate - Vinyl Tarp Shield
4	1	M002261	Tube - Shield Tarp
5	4	P000098	Bolt - 3/8-16 x 1 x 1 Carriage (F593 304 S/S FB) *
6	4	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) *
7	1	P000867	Decal - Tank Row Label (A-R)
8	1	P000868	Decal - Tank Row Label (R-A)
9	2	P002007	Hairpin Clip - 3/8" x 1 5/8" S/S
10	2	P002055	Cap - 3/4" Plastic Pipe
11	8	(N) P002854	Nut - 5/16-18 Wing (Nylon 6/6 FB)
12	1	(R) W002724	Trough - Gen II 2218 Poly Tank Meter

(*) Included in **(N) K002361** - Kit - Gen II 2218 Trough Hardware

Trough - Hanger And Bracket (Tank 2)

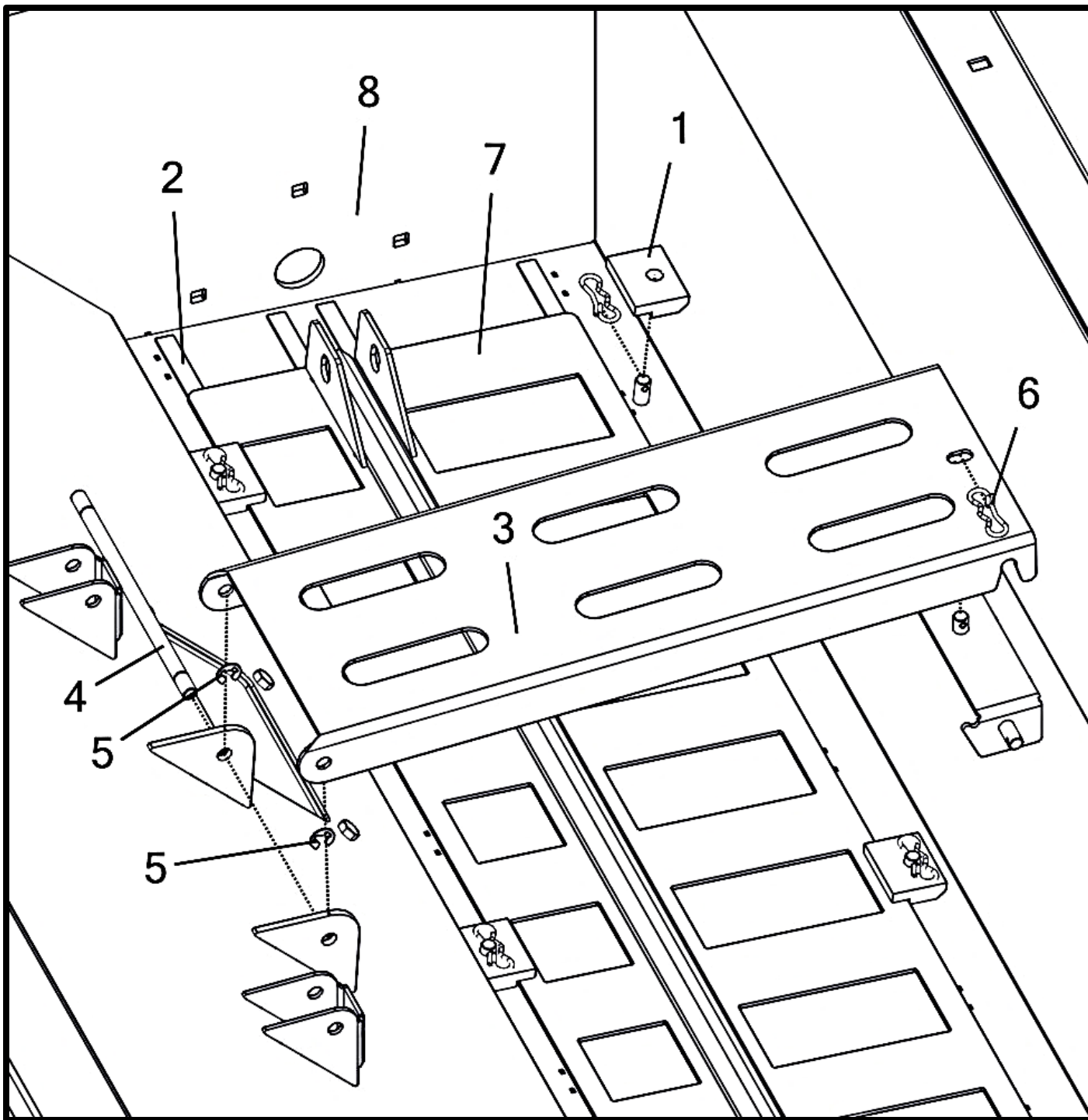


Trough - Hanger And Bracket (Tank 2)

Item No.	Qty.	Part Number	Description
		(R) A002512__	Meter - Gen II 22187 Poly Tank Assembly (Right)
1	36	M002186	Pin - 1/2" Hex 3/8" Gearbox
2	1	M002193	Bracket - Tarp Guard Mounting (Gen II)
3	1	M002256	Plate - Vinyl Tarp Shield
4	4	P000109	Washer - 5/16" Flat (0.755" OD) (SS304 304 S/S FB) *
5	36	P000527	Bolt - 5/16-18 x 0.75 x 0.75 Carriage (F593 304 S/S FB) *
6	11	P000711	Bolt - 5/16-18 x 1 x 0.875 Hex (F593 304 S/S FB) *
7	1	P000868	Decal - Tank Row Label (R-A)
8	11	P002224	Nut - 5/16-18 Flange Nylon Lock (F594 316 S/S FB) *
9	1	(R) W002724	Trough - Gen II 2218 Poly Tank Meter

(*) Included in **(R) K002361** - Kit - Gen II 2218 Trough Hardware

Trough - Slide Gate And Trough Support (Tank 2)

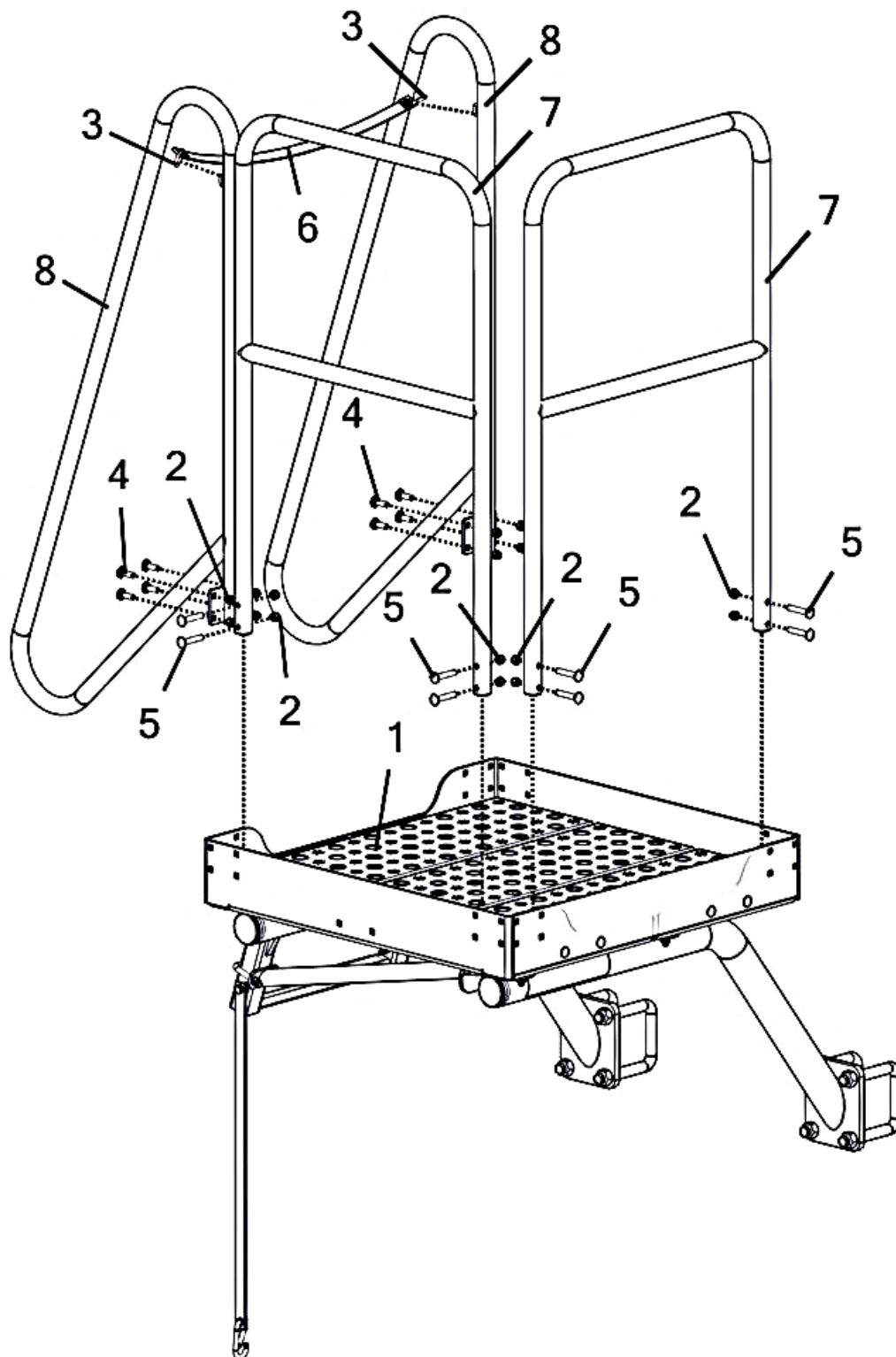


Trough - Slide Gate And Trough Support (Tank 2)

Item No.	Qty.	Part Number	Description
		(R) A002512__	Meter - Gen II 22187 Poly Tank Assembly (Right)
1	10	M002105	Block - UHMW Slide Gate Retainer
2	4	M002224	Tape - 1/2" x 1/16" UHMW Slide Gate
3	2	M002552	Support - Inner Tank Trough
4	2	M002574	Pin - Trough Support Hinge
5	4	P002215	Retainer - 3/8" E-Clip *
6	12	P002255	Pin - Hairpin Bowtie 3/8" x 3/32" x 1 7/8"
7	1	W002036	Slide Gate - 18 Row
8	1	(R) W002724	Trough - Gen II 2218 Poly Tank Meter

(*) Included in **(N) K002361** - Kit - Gen II 2218 Trough Hardware

Left Mount Platform - Railings

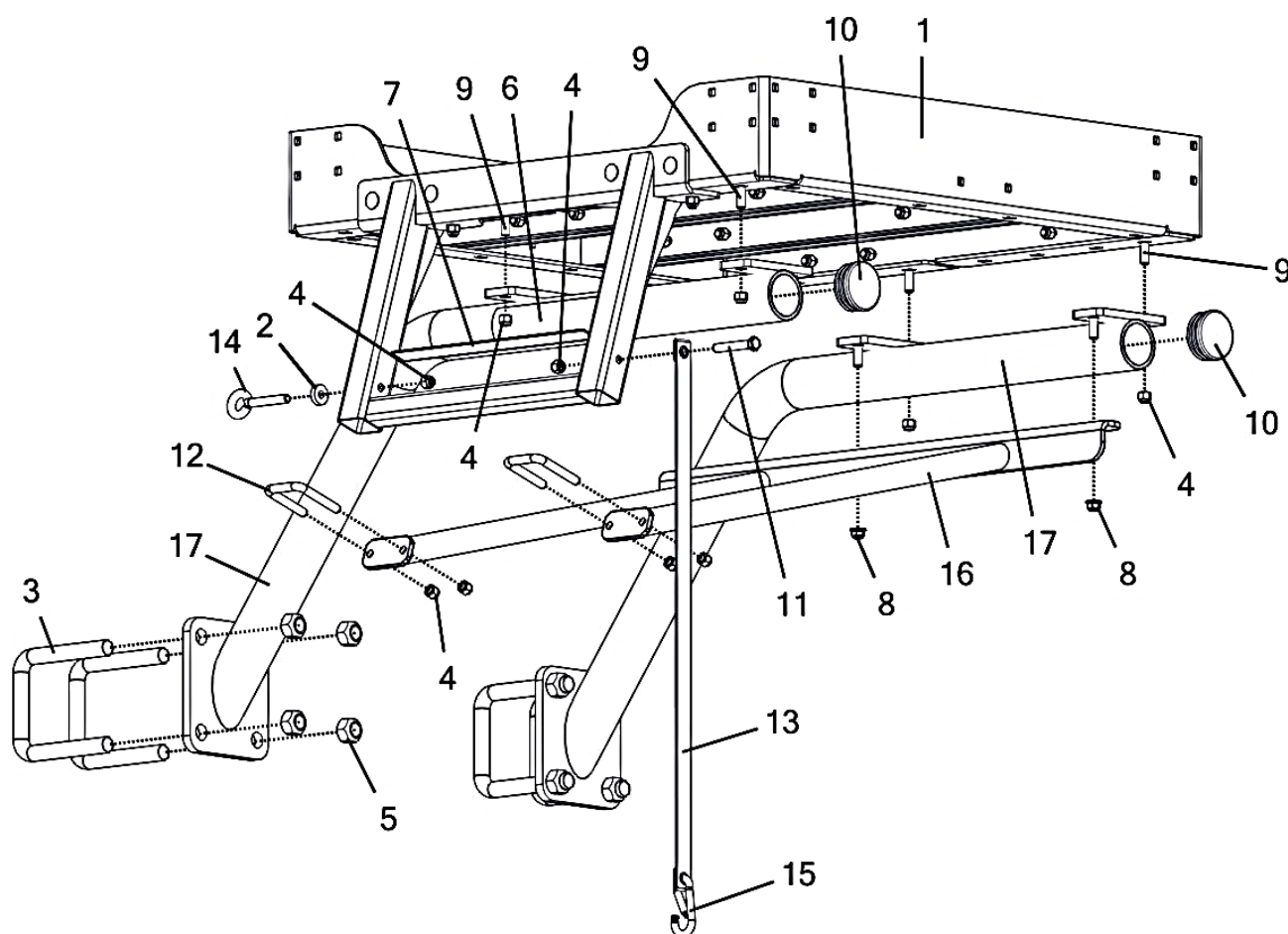


Left Mount Platform - Railings

Item No.	Qty	Part Number	Description
		A002465__	Deck - Left Mount Platform Gen II
1	1	A002135__	Deck- Platform Gen II
2	16	P000057	Nut - 3/8-16 Hex Nylon Lock (GR 5 M/S FA) *
3	2	P000464	Carabiner - 3/16" x 1-13/16 S/S
4	8	P002231	Bolt - 3/8-16 x 1.25 x 1 Carriage (GR 5 M/S FA) *
5	8	P002234	Bolt - 3/8-16 x 2.25 x 1 Carriage (GR 5 M/S FA) *
6	1	P002408	Strap - 1" X 26.5" Safety
7	2	W002363__	Rail - Straight Platform (Gen II)
8	2	W002425__	Rail - Platform Grab Gen II

(*) Included in K002224 - Kit - Side Mount Platform Gen II

Left Mount Platform - Deck Mounting

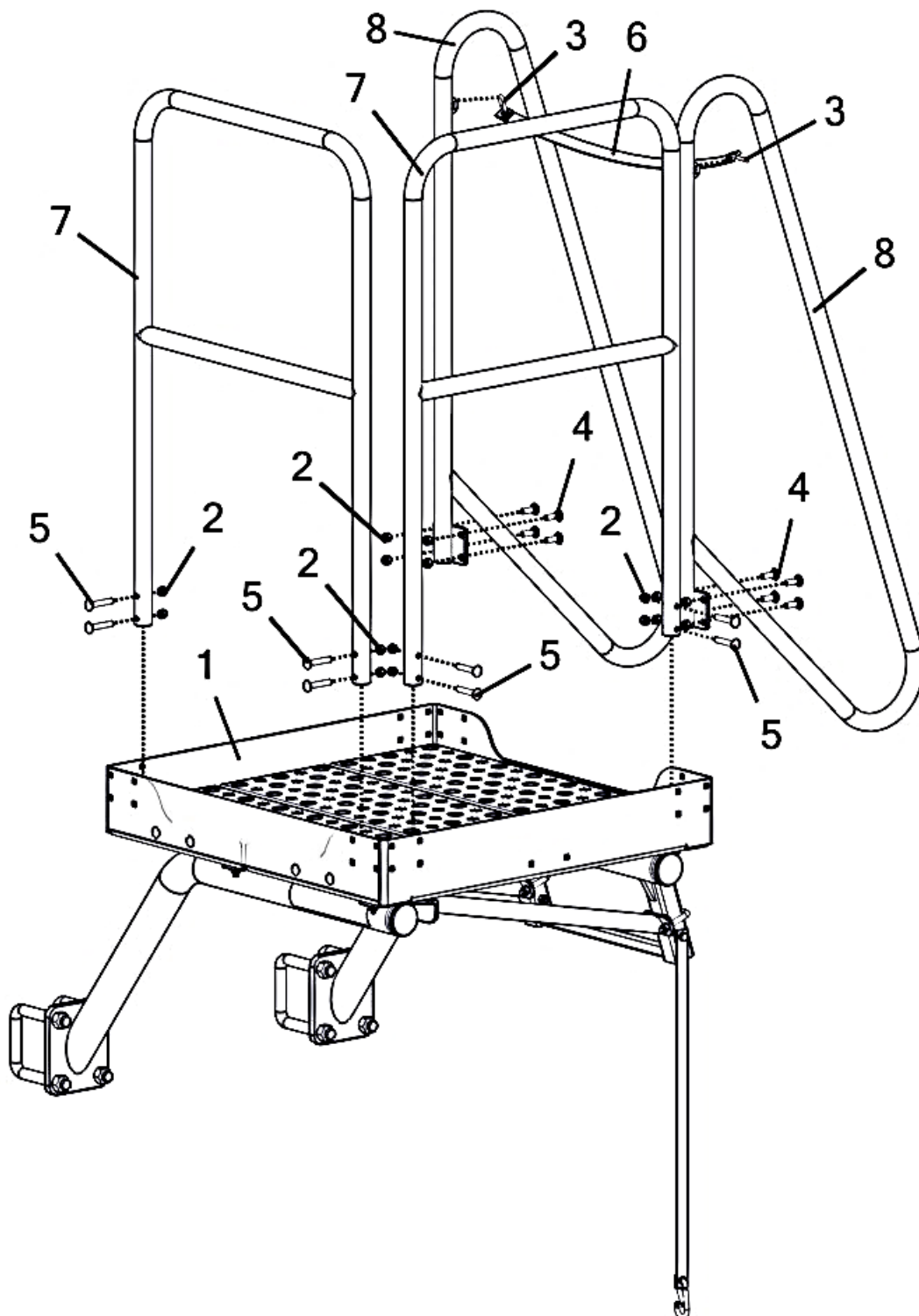


Left Mount Platform - Deck Mounting

Item No.	Qty	Part Number	Description
		A002465__	Deck - Left Mount Platform Gen II
1	1	A002135__	Deck- Platform Gen II
2	1	M002650	Washer - 3/8" Flat Spacer (1" OD) (304 S/S FB)
3	4	P000021	U-Bolt - 3/4" x 4-1/8" x 5-1/2"
4	10	P000057	Nut - 3/8-16 Hex Nylon Lock (GR 5 M/S FA) *
5	8	P000061	Nut - 3/4-10 Hex Metal Lock (GR 5 M/S FA) *
6	2	P000199	Tape - Reflective Yellow
7	1	P000473	Decal - Anti-Slip Safety Tape (1" x 13") Black 36g
8	2	P002205	Nut - 3/8-16 Flange Nylon Lock (GR 5 M/S FA) *
9	6	P002231	Bolt - 3/8-16 x 1.25 x 1 Carriage (GR 5 M/S FA) *
10	2	P002246	Cap - 2-1/2" X 8-12 GA Plastic Tube
11	1	P002329	Bolt - 3/8-16 x 2.5 x 1 Hex (GR 5 M/S FA) *
12	2	P002347	U-Bolt - 3/8" x 1-7/8" x 2-3/4"
13	1	P002408	Strap - 1" X 26.5" Safety
14	1	P002883	Bolt - 3/8-16 x 4 x 1.5 Eye (18-8 S/S FB) *
15	1	P002884	Carabiner - 5/16" x 2-1/2 S/S
16	1	W002404__	Brace - Platform Gen II
17	2	W002638__	Brace - Main Deck Mount Tube

(*) Included in K002224 - Kit - Side Mount Platform Gen II

Right Mount Platform – Railings

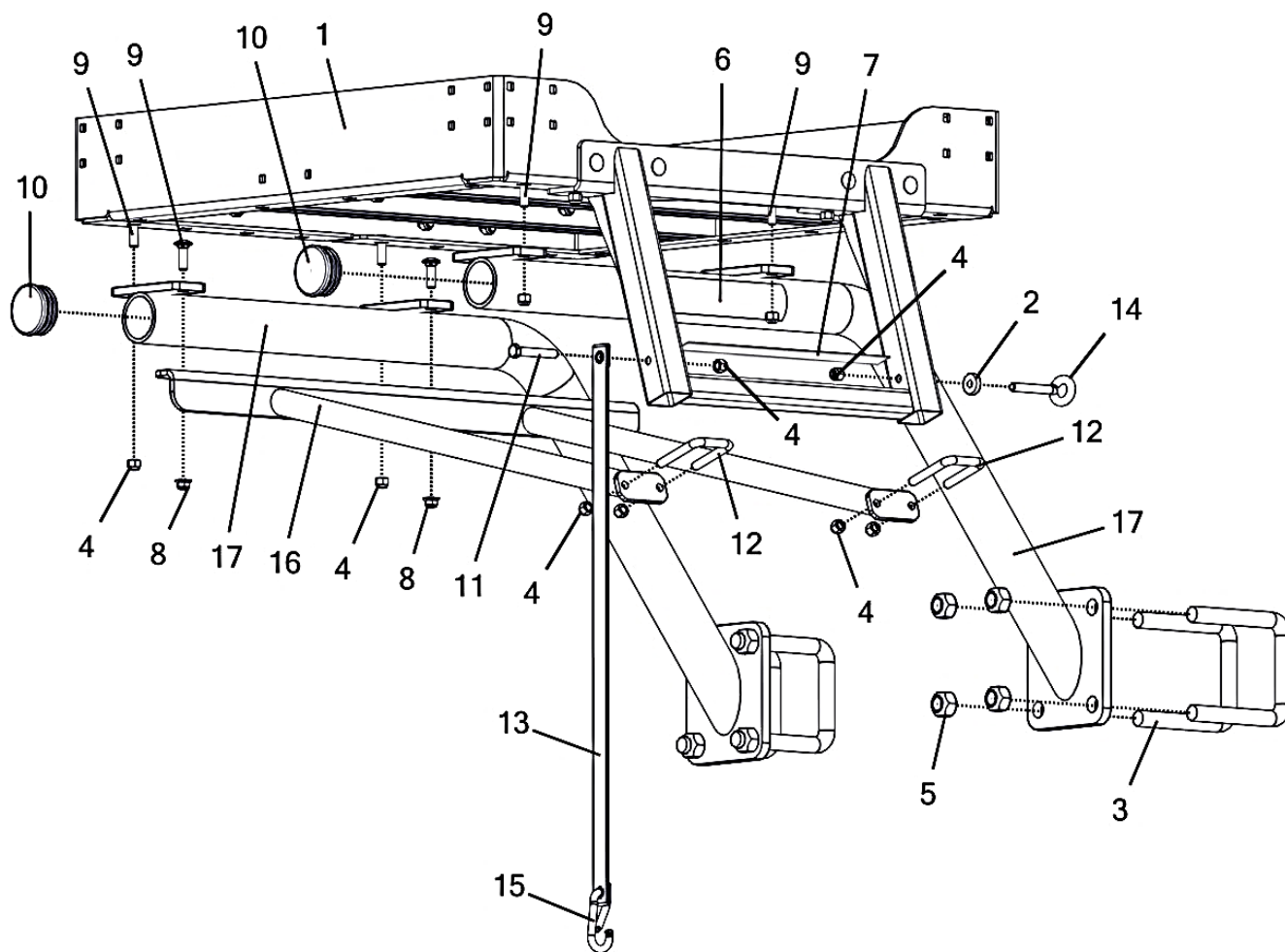


Right Mount Platform – Railings

Item No.	Qty	Part Number	Description
		A002466_ _	Deck - Right Mount Platform Gen II
1	1	A002135_ _	Deck- Platform Gen II
2	16	P000057	Nut - 3/8-16 Hex Nylon Lock (GR 5 M/S FA) *
3	2	P000464	Carabiner - 3/16" x 1-13/16 S/S
4	8	P002231	Bolt - 3/8-16 x 1.25 x 1 Carriage (GR 5 M/S FA) *
5	8	P002234	Bolt - 3/8-16 x 2.25 x 1 Carriage (GR 5 M/S FA) *
6	1	P002408	Strap - 1" X 26.5" Safety
7	2	W002363_ _	Rail - Straight Platform (Gen II)
8	2	W002425_ _	Rail - Platform Grab Gen II

(*) Included in K002224 - Kit - Side Mount Platform Gen II

Right Mount Platform – Deck Mounting

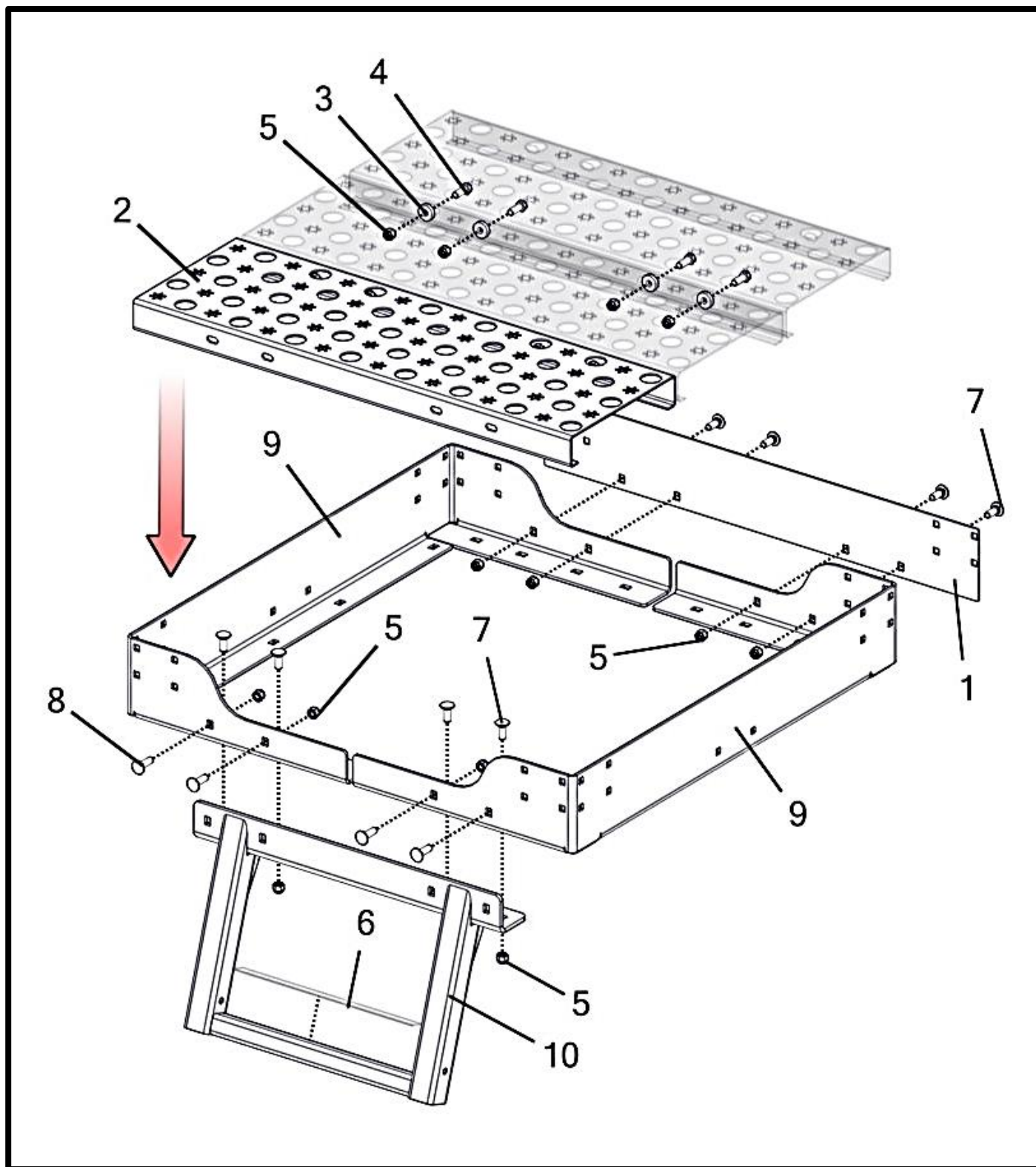


Right Mount Platform – Deck Mounting

Item No.	Qty	Part Number	Description
		A002466__	Deck - Right Mount Platform Gen II
1	1	A002135__	Deck- Platform Gen II
2	1	M002650	Washer - 3/8" Flat Spacer (1" OD) (304 S/S FB)
3	4	P000021	U-Bolt - 3/4" x 4-1/8" x 5-1/2"
4	10	P000057	Nut - 3/8-16 Hex Nylon Lock (GR 5 M/S FA) *
5	8	P000061	Nut - 3/4-10 Hex Metal Lock (GR 5 M/S FA) *
6	2	P000199	Tape - Reflective Yellow
7	1	P000473	Decal - Anti-Slip Safety Tape (1" x 13") Black 36g
8	2	P002205	Nut - 3/8-16 Flange Nylon Lock (GR 5 M/S FA) *
9	6	P002231	Bolt - 3/8-16 x 1.25 x 1 Carriage (GR 5 M/S FA) *
10	2	P002246	Cap - 2-1/2" X 8-12 GA Plastic Tube
11	1	P002329	Bolt - 3/8-16 x 2.5 x 1 Hex (GR 5 M/S FA) *
12	2	P002347	U-Bolt - 3/8" x 1-7/8" x 2-3/4"
13	1	P002408	Strap - 1" X 26.5" Safety
14	1	P002883	Bolt - 3/8-16 x 4 x 1.5 Eye (18-8 S/S FB) *
15	1	P002884	Carabiner - 5/16" x 2-1/2 S/S
16	1	W002404__	Brace - Platform Gen II
17	2	W002638__	Brace - Main Deck Mount Tube

(*) Included in K002224 - Kit - Side Mount Platform Gen II

Deck - Platform

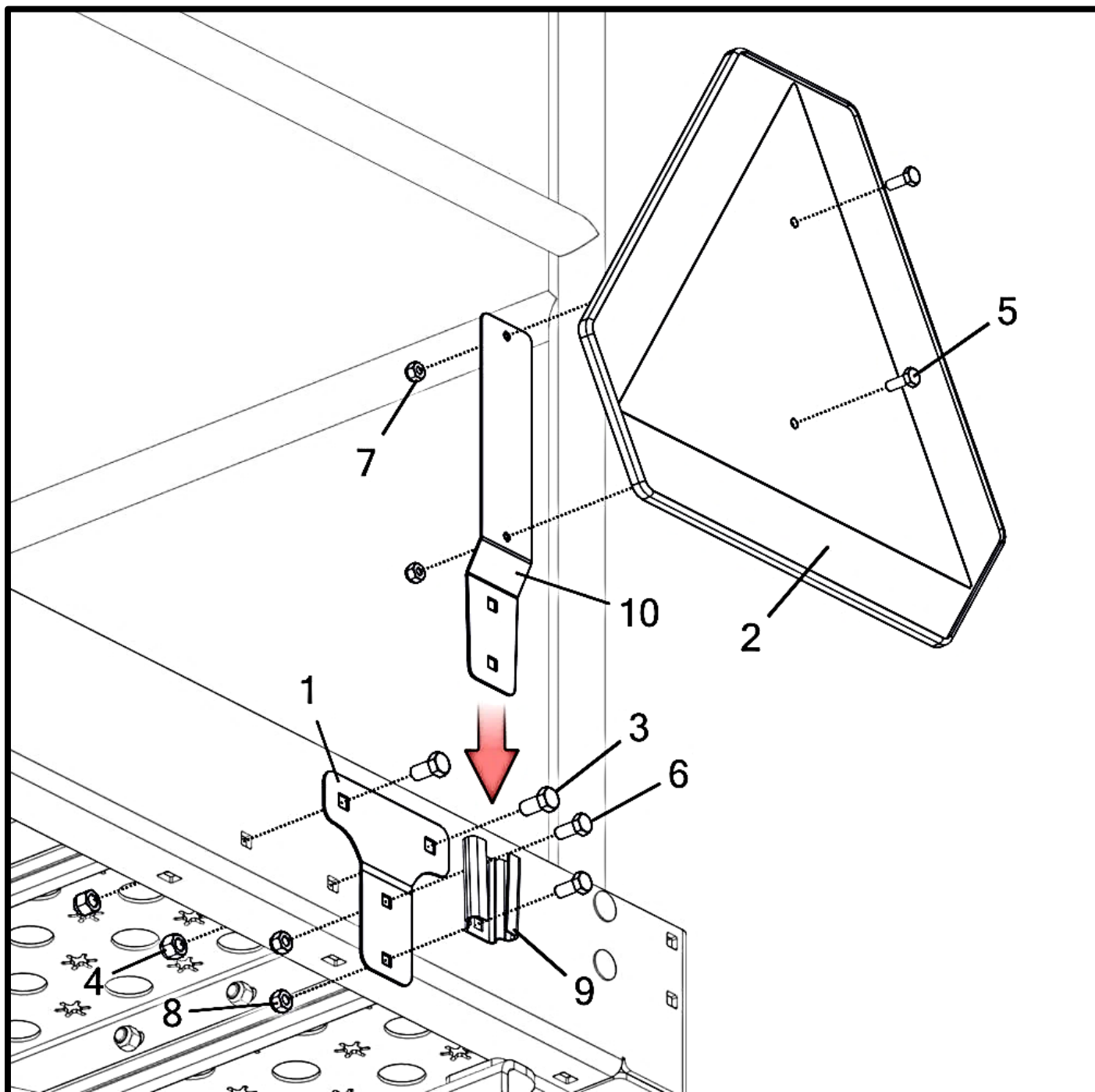


Deck - Platform

Item No.	Qty	Part Number	Description
		A002135__	Deck- Platform Gen II
1	1	M002516__	Plate - Toe Kick End Gen II
2	3	M002518__	Platform- Deck Grating Planking Gen II
3	8	M002650	Washer - 3/8" Flat Spacer (1" OD) (304 S/S FB)
4	8	P000039	Bolt - 3/8-16 x 1 x 1 Hex (GR 5 M/S FA) *
5	20	P000057	Nut - 3/8-16 Hex Nylon Lock (GR 5 M/S FA) *
6	1	P000473	Decal - Anti-Slip Safety Tape (1" x 13") Black 36g
7	8	P000504	Bolt - 3/8-16 x 1 x 1 Carriage (GR 5 M/S FA) *
8	4	P002231	Bolt - 3/8-16 x 1.25 x 1 Carriage (GR 5 M/S FA) *
9	2	W002403__	Plate - Main Deck Side Gen II
10	1	W002525__	Ladder - Bottom Platform (Gen II)

(*) Included in K000185 - Kit - Platform Deck Hardware Gen II

SMV Sign

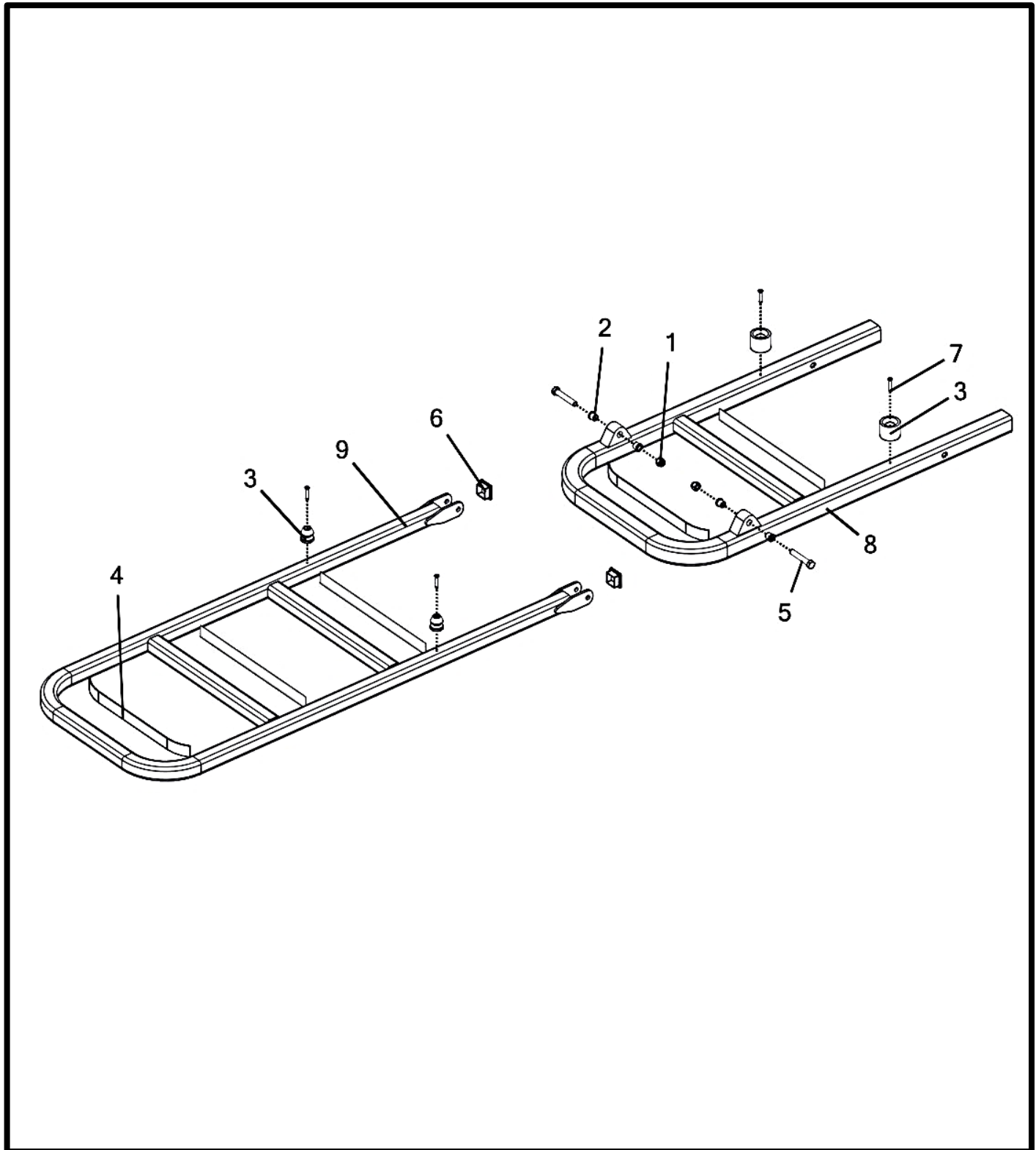


SMV Sign

Item No.	Qty	Part Number	Description
1	1	M002655__	Bracket - SMV Socket Mount Gen II
2	1	P000023	Sign - SMV Plastic
3	2	P000038	Bolt - 3/8-16 x 0.75 x 0.75 Hex (GR 5 M/S FA)
4	2	P000057	Nut - 3/8-16 Hex Nylon Lock (GR 5 M/S FA)
5	2	P000090	Bolt - 1/4-20 x 0.75 x 0.75 Hex (F593 304 S/S FB) *
6	2	P000093	Bolt - 5/16-18 x 0.75 x 0.75 Hex (F593 304 S/S FB) *
7	2	P000103	Nut - 1/4-20 Hex Nylon Lock (F594 316 S/S FB) *
8	2	P000104	Nut - 5/16-18 Hex Nylon Lock (F594 316 S/S FB) *
9	1	P002480	Bracket - SMV Socket
10	1	P002589	Bracket - SMV Spade

(*) Included in K002082 - Kit - SMV Mounting Hardware (S/S)

6 TON DECK LADDER

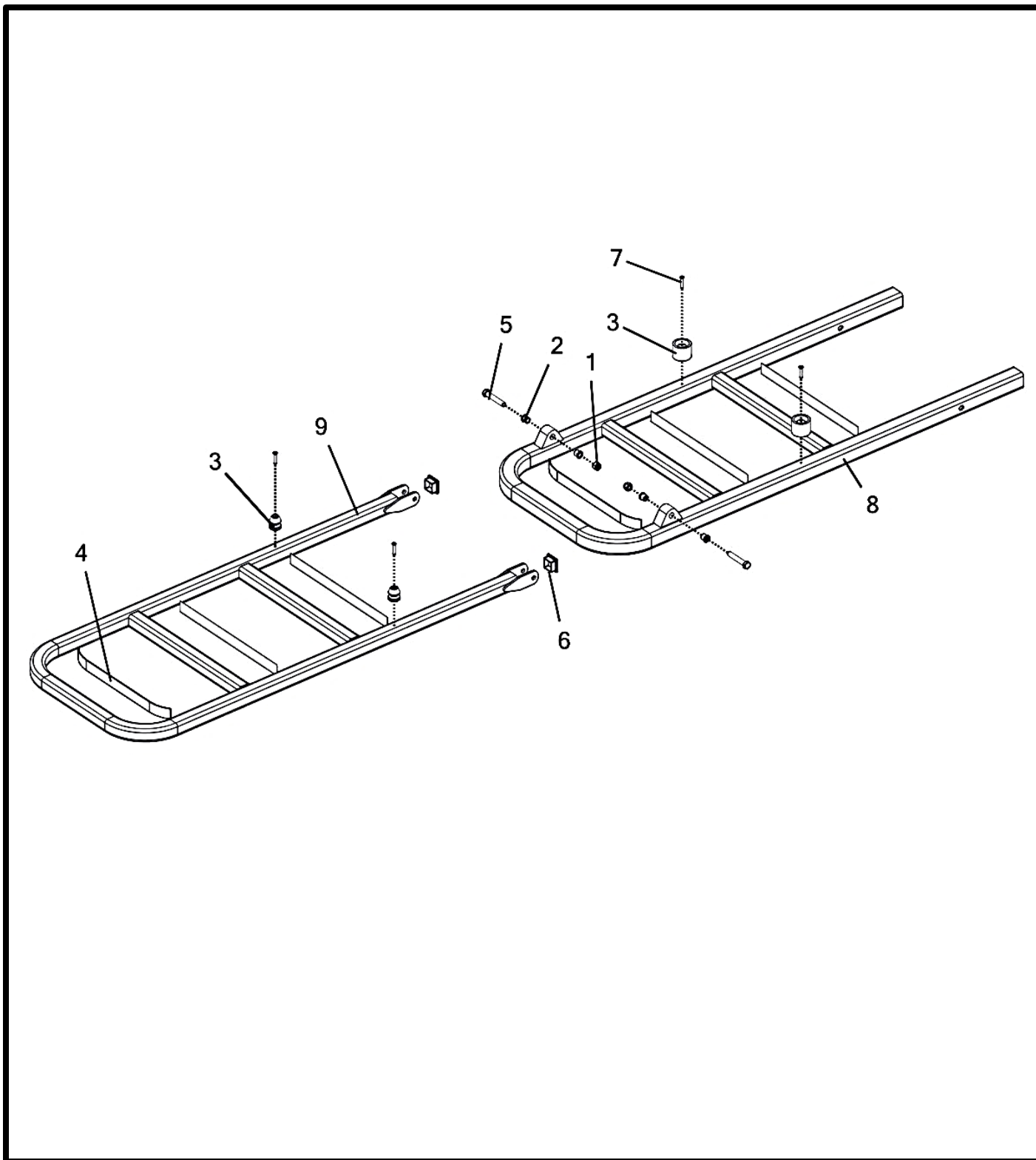


6 TON DECK LADDER

ITEM NO.	Qty	Part Number	Description
		A002444__	Ladder - 6 Ton Folding (S/S Hardware)
1	2	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) *
2	4	P000393	Bushing - 3/8" x 1/2" x 1/2 Plastic Flange
3	2	P000472	Catch - Rubber Deck Bumper Latch (Part # Is A Male/Female Set)
4	5	P000473	Decal - Anti-Slip Safety Tape (1" x 13") Black 36g
5	2	P000930	Bolt - 3/8-16 x 2.25 x 1 Hex (F593 304 S/S FB) *
6	2	P002078	Cap - 1-1/4" Square Plastic
7	4	P002708	Screw - #10-16 x 1.25 Self-Drilling Pan Head Square (18-8 S/S FB) *
8	1	W002579__	Ladder - 6 Ton Deck
9	1	W002580__	Ladder - Deck Swing

(*) Included In K002079 - Kit - Platform Swing Ladder Hardware (S/S)

9 TON DECK LADDER



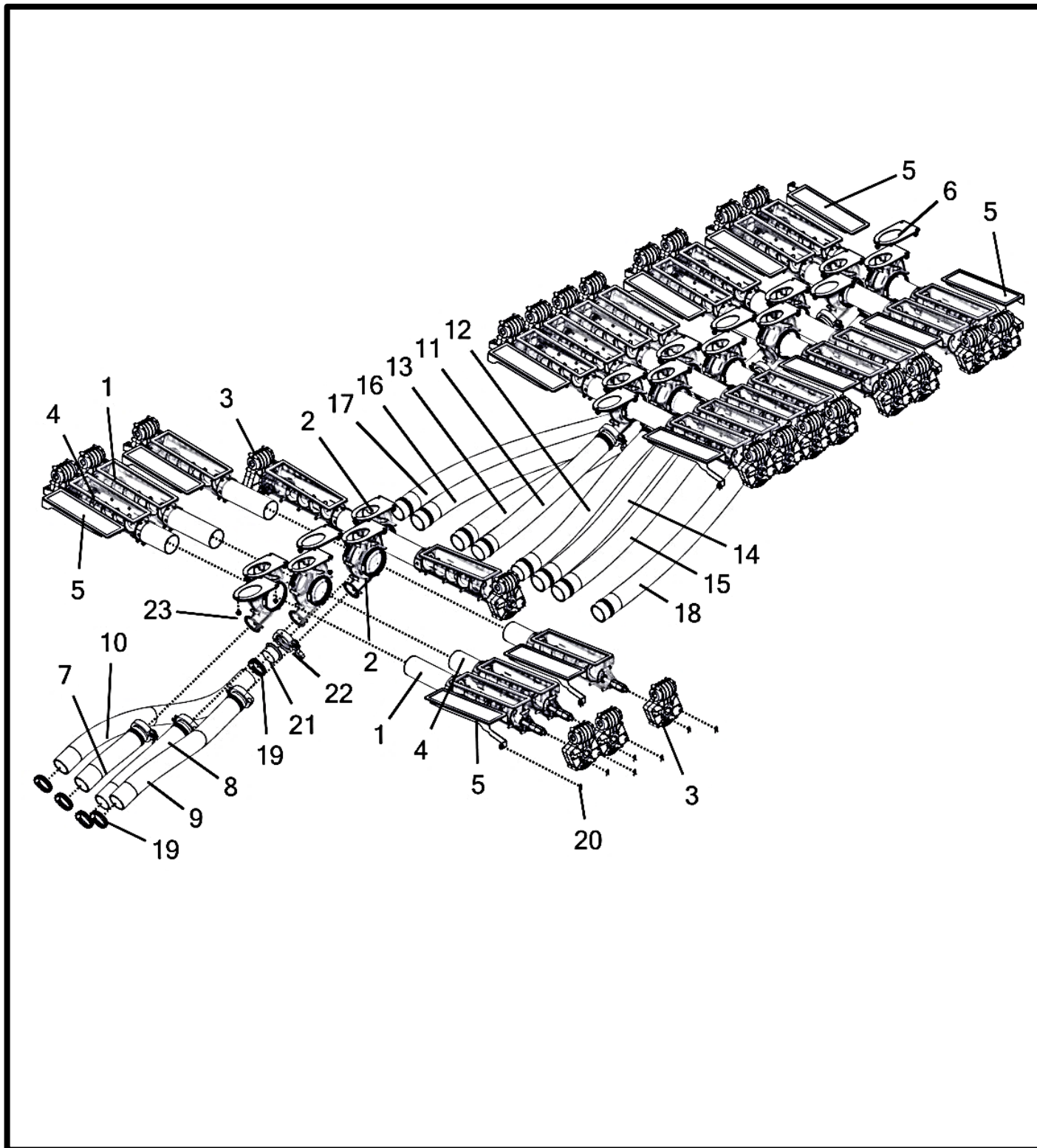
9 TON DECK LADDER

ITEM NO.	Qty	Part Number	Description
		A002448__	Ladder - 9 Ton Folding (S/S Hardware)
1	2	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) *
2	4	P000393	Bushing - 3/8" x 1/2" x 1/2 Plastic Flange
3	2	P000472	Catch - Rubber Deck Bumper Latch (Part # Is A Male/Female Set)
4	6	P000473	Decal - Anti-Slip Safety Tape (1" x 13") Black 36g
5	2	P000930	Bolt - 3/8-16 x 2.25 x 1 Hex (F593 304 S/S FB) *
6	2	P002078	Cap - 1-1/4" Square Plastic
7	4	P002708	Screw - #10-16 x 1.25 Self-Drilling Pan Head Square (18-8 S/S FB) *
8	1	W002581__	Ladder - 9 Ton Deck
9	1	W002580__	Ladder - Deck Swing

(*) Included In K002079 - Kit - Platform Swing Ladder Hardware (S/S)

Row Unit Overview

Row Kits and Components (K000129 Shown)



Row Unit Overview

Row Kits and Components (K000129 Shown)

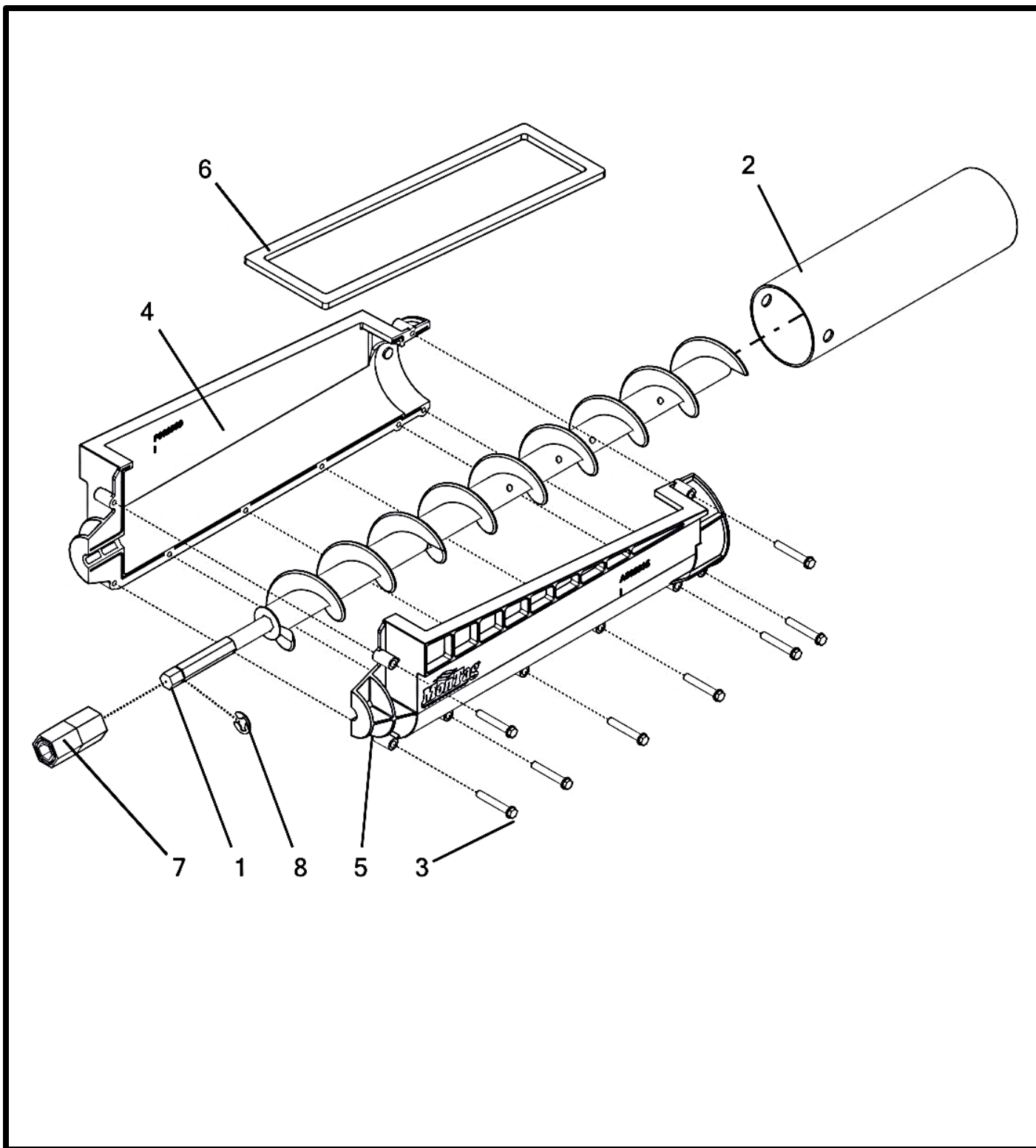
Item No.	Qty.	Part Number	Description
1	12	A002000	Cartridge - Gen II 2" x 20.5" Auger
2	12	A002014	Air Chamber - Gen II Bolt-On
3	24	A002017	Gear Box - Plastic 5/8 Hex - 7/8 Hex (22/7 Ratio)
4	12	A002025	Cartridge - Gen II 2" x 17.5" Auger
5	12	A002055	Assembly - Cartridge Blank Gen II
6	6	A002187	Assembly - Air Chamber Blank Gen II
7	1	M002725	Hose - 2" X 11" Air (B)
8	1	M002726	Hose - 2" X 15" Air (C)
9	1	M002727	Hose - 2" X 26" Air (E)
10	1	M002728	Hose - 2" X 31" Air (F)
11	1	M002734	Hose - 2" X 24" Air (H)
12	1	M002735	Hose - 2" X 29" Air (I)
13	1	M002736	Hose - 2" X 33" Air (J)
14	1	M002737	Hose - 2" X 39" Air (K)
15	1	M002739	Hose - 2" X 49" Air (M)
16	1	M002740	Hose - 2" X 53" Air (N)
17	1	M002742	Hose - 2" X 63-1/2" Air (P)
18	1	M002743	Hose - 2" X 69" Air (Q)
19	24	P000240	Hose Clamp - 2" S/S
20	60	P002009	Retaining Clip - 3/8" x 5/16" x 1"
21	12	P002044	Flange - 2" Sanitary Quick Clamp Tube Adapter
22	12	P002058	Clamp - 2" Sanitary Quick
23	54	P002291	Nut - 1/4-20 Flange Nylon Lock (18-8 S/S FB) *

(*) Included in K002059 - Kit - Air Chamber Mounting (Nut)

8 ROW	-	K000125
9 ROW	-	K000126
10 ROW	-	K000127
11 ROW	-	K000128
12 ROW	-	K000129
13 ROW	-	K000130
14 ROW	-	K000131
15 ROW	-	K000132
16 ROW	-	K000133
17 ROW	-	K000134
18 ROW	-	K000135

ADDITIONAL HOSES REQUIRED FOR 13-18 ROWS		
1	M002731	Hose - 2" X 6-1/2" Air (A)
1	M002732	Hose - 2" X 20" Air (D)
1	M002733	Hose - 2" X 19" Air (G)
1	M002738	Hose - 2" X 43" Air (L)
1	M002741	Hose - 2" X 59" Air (O)
1	M002744	Hose - 2" X 73.5" Air (R)

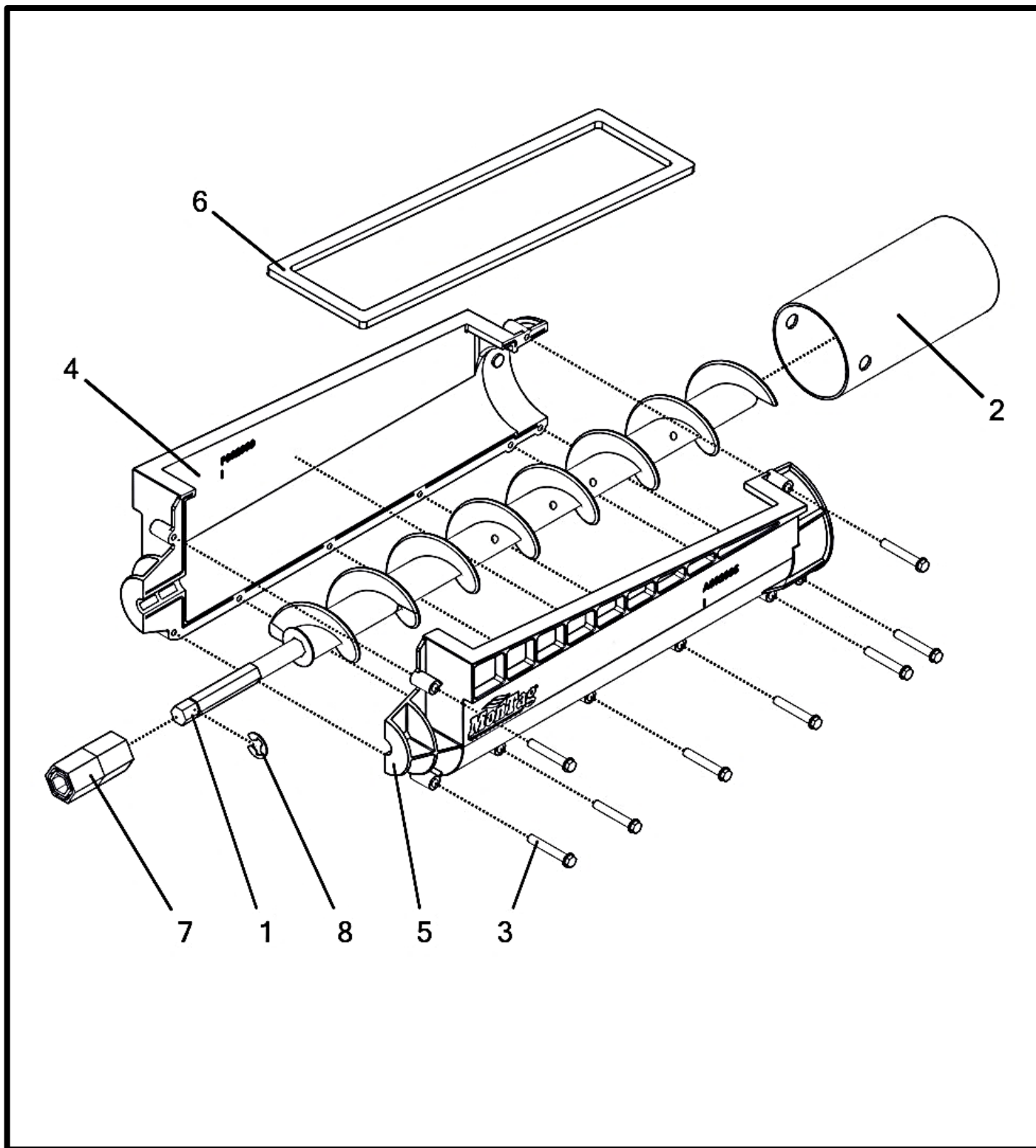
Cartridge - Long



Cartridge - Long

Item No.	Qty	Part Number	Description
		A002000	Cartridge - Gen II 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

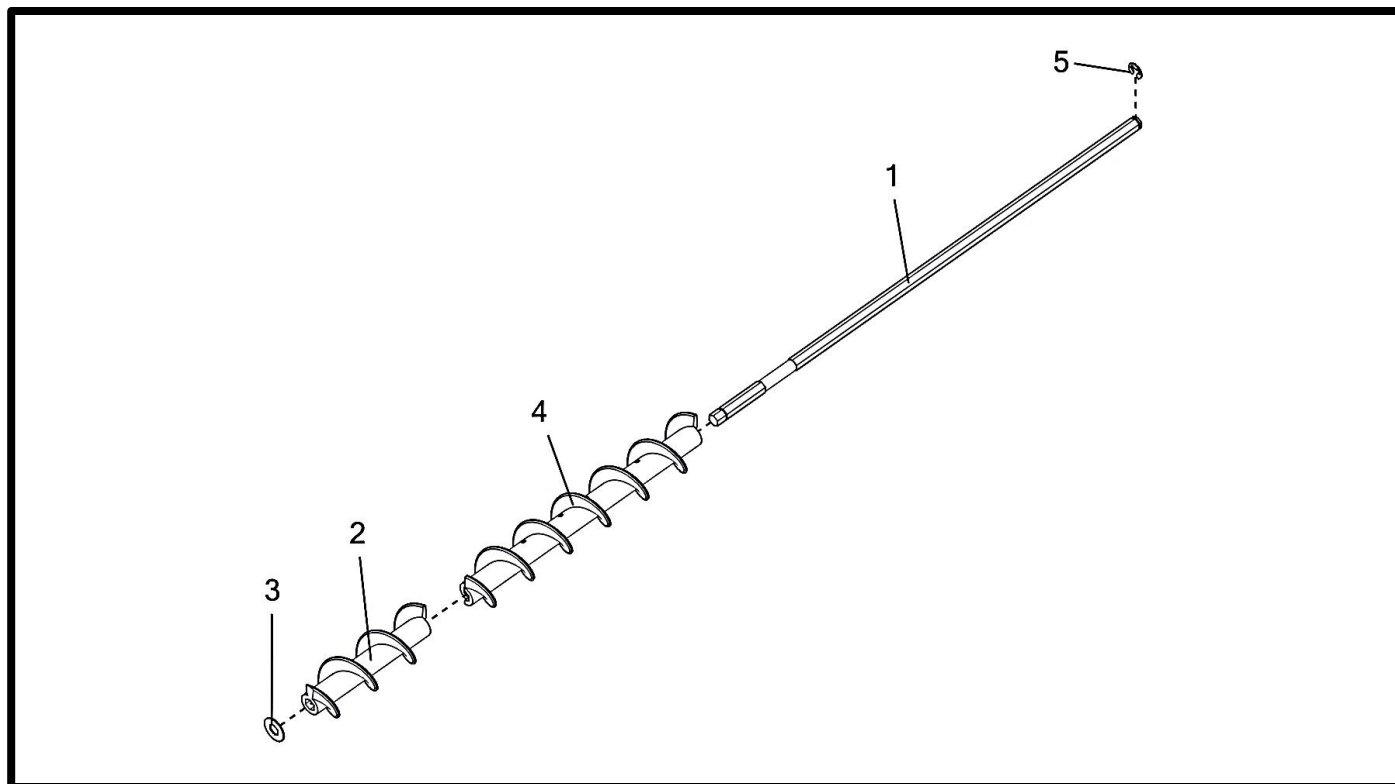
Cartridge - Short



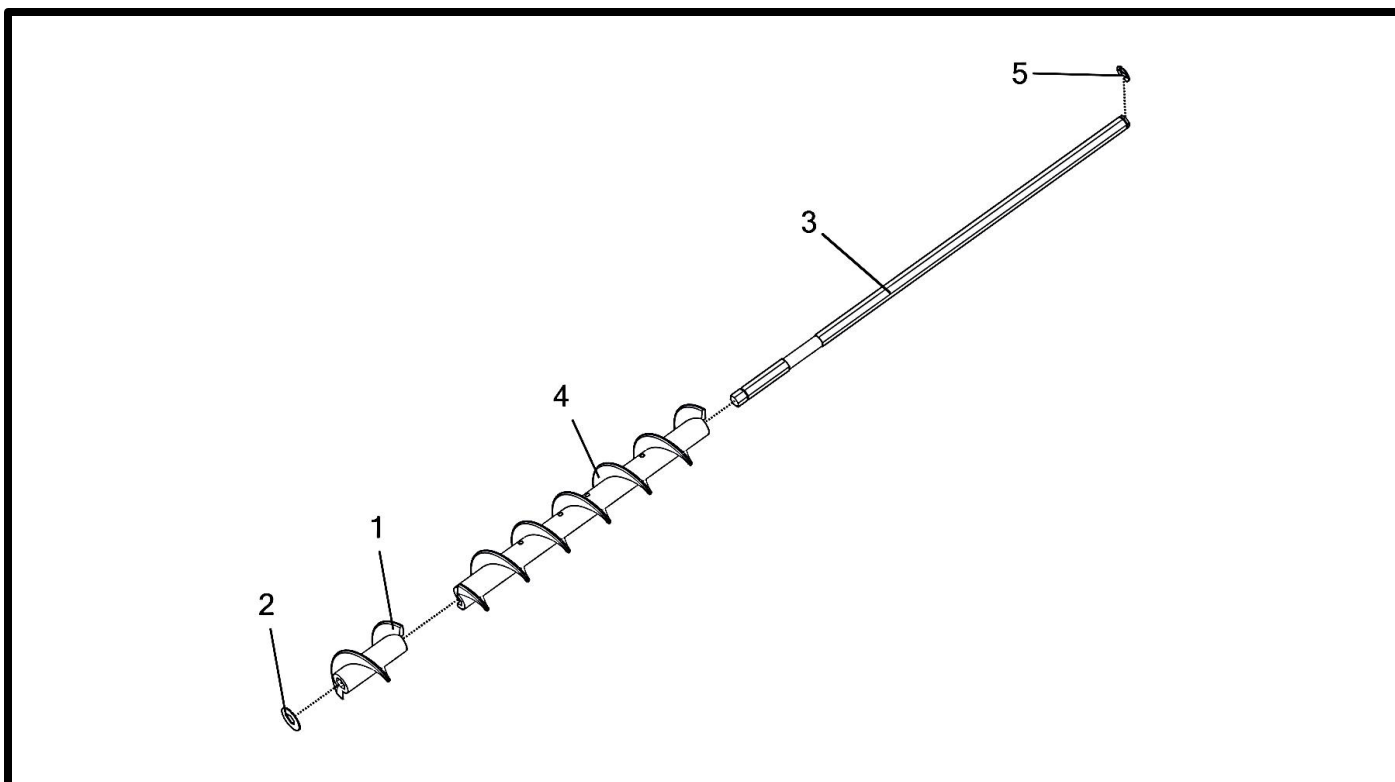
Cartridge - Short

Item No.	Qty.	Part Number	Description
		A002025	Cartridge - Gen II 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 II 2" Auger Cartridge (Left)
5	1	P002001	Side - Gen II 2" Auger Cartridge (Right)
6	1	P002006	Gasket - Gen II Cartridge (.1875)
7	1	P002033	Coupler - 7/8" to 7/16" Shear Hex
8	1	P002215	Retainer - 3/8" E-Clip

Auger - Long



Auger - Short



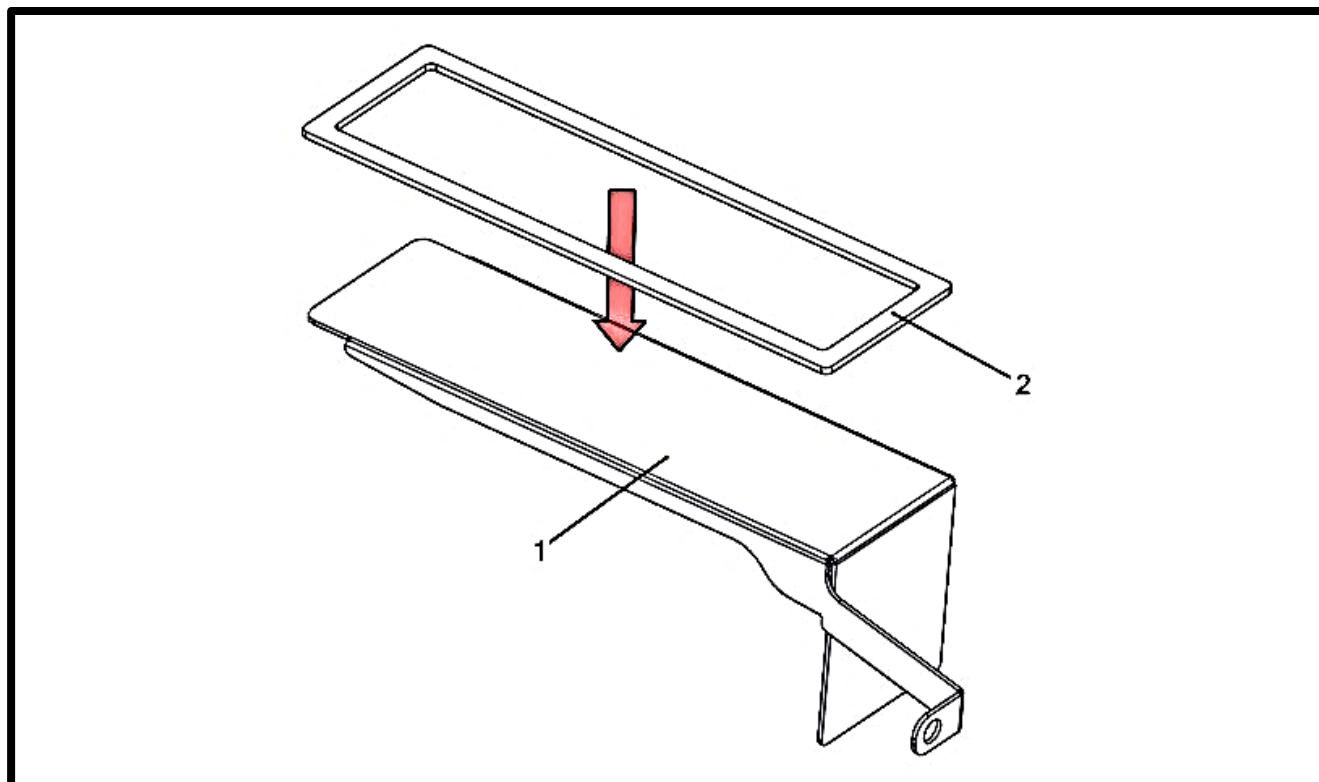
Auger - Long

Item 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

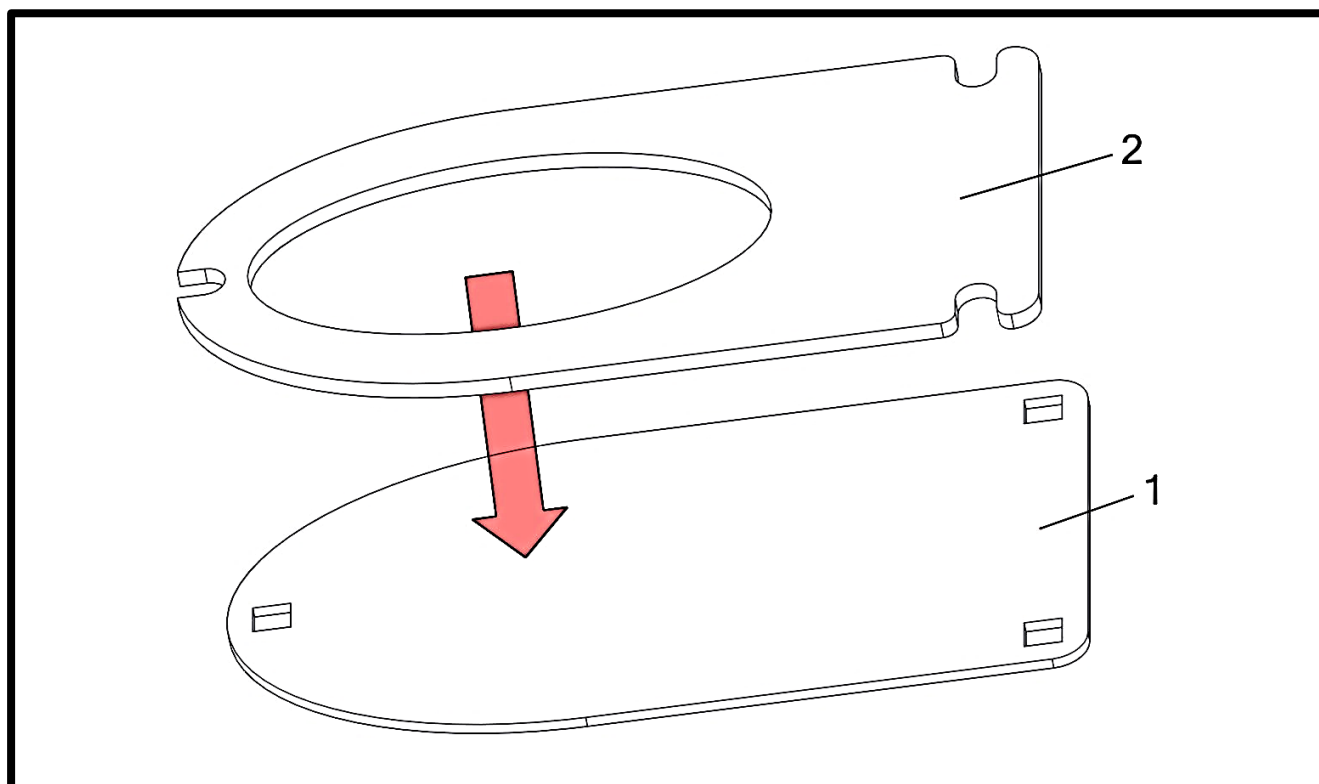
Auger - Short

Item 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



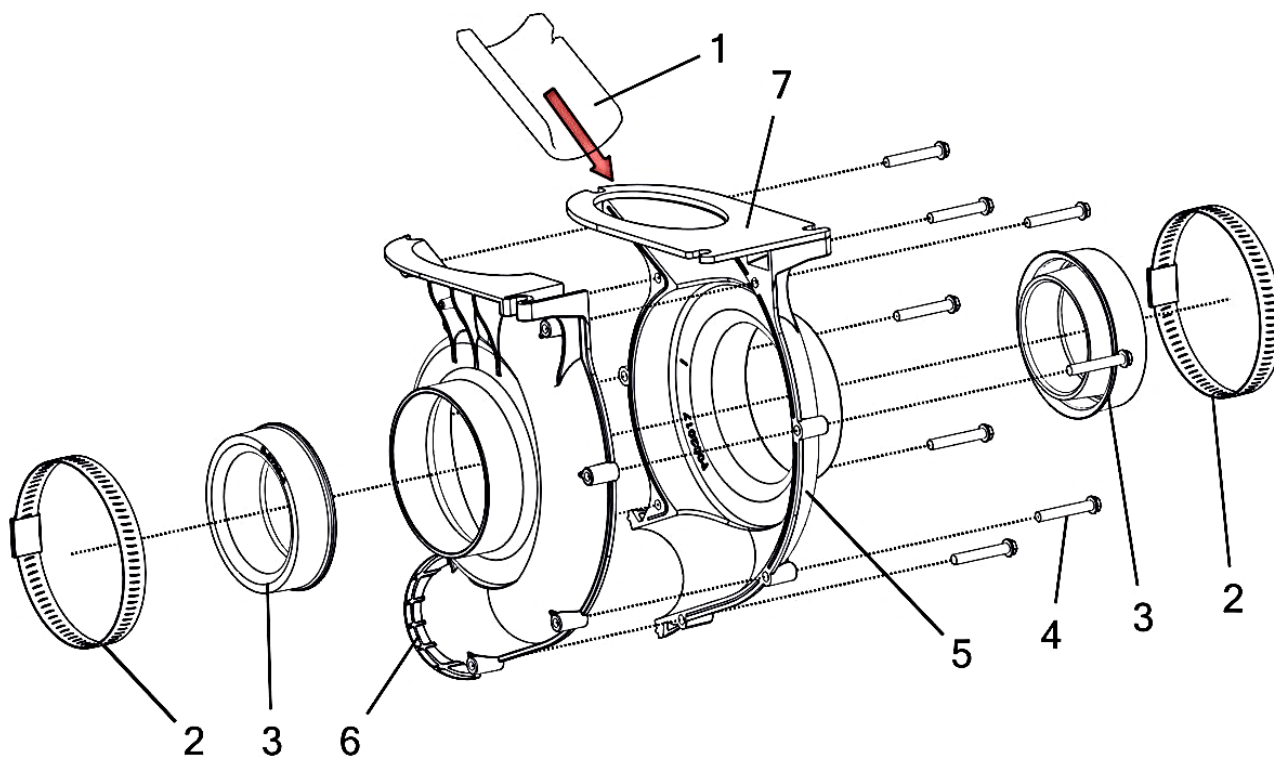
Cartridge - Blank

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

Air Chamber - Blank

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

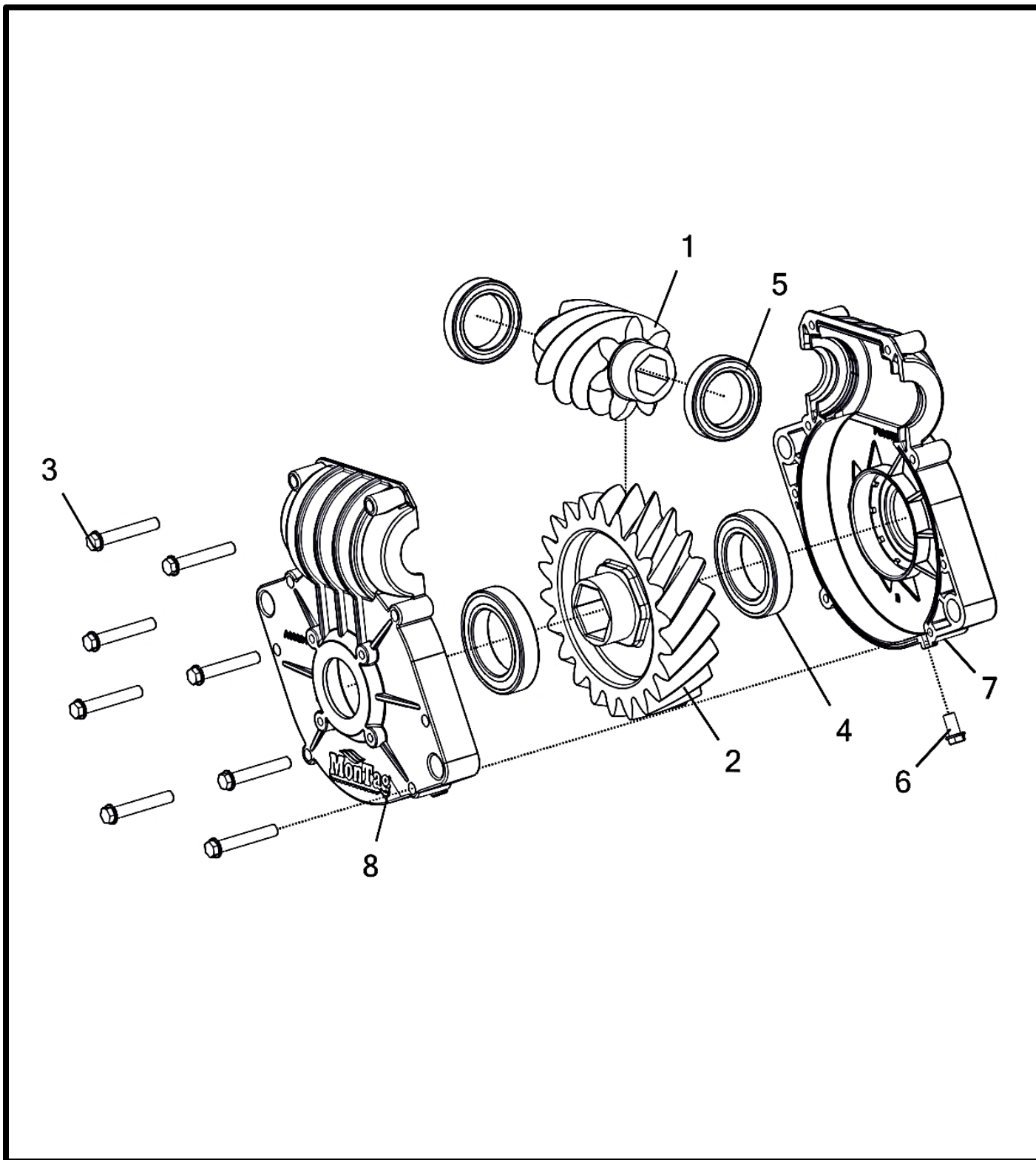
Air Chamber Assembly



Air Chamber Assembly

Item No.	Qty.	Part Number	Description
		A002014	Air Chamber - Gen II 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

Item 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
K000181	Kit - 2 Bin 1 Section Gen II Complete
K000182	Kit - 2 Bin 2 Section Gen II Complete
K000183	Kit - 2 Bin 3 Section Gen II Complete
K000184	Kit - 2 Bin 4 Section Gen II Complete

ADD-ON KITS

ATTENTION! THESE ARE NOT COMPLETE KITS. YOU MUST ADD EACH SECTION SEPARATELY. SEE CONVERSION GUIDE BELOW FOR DETAILS

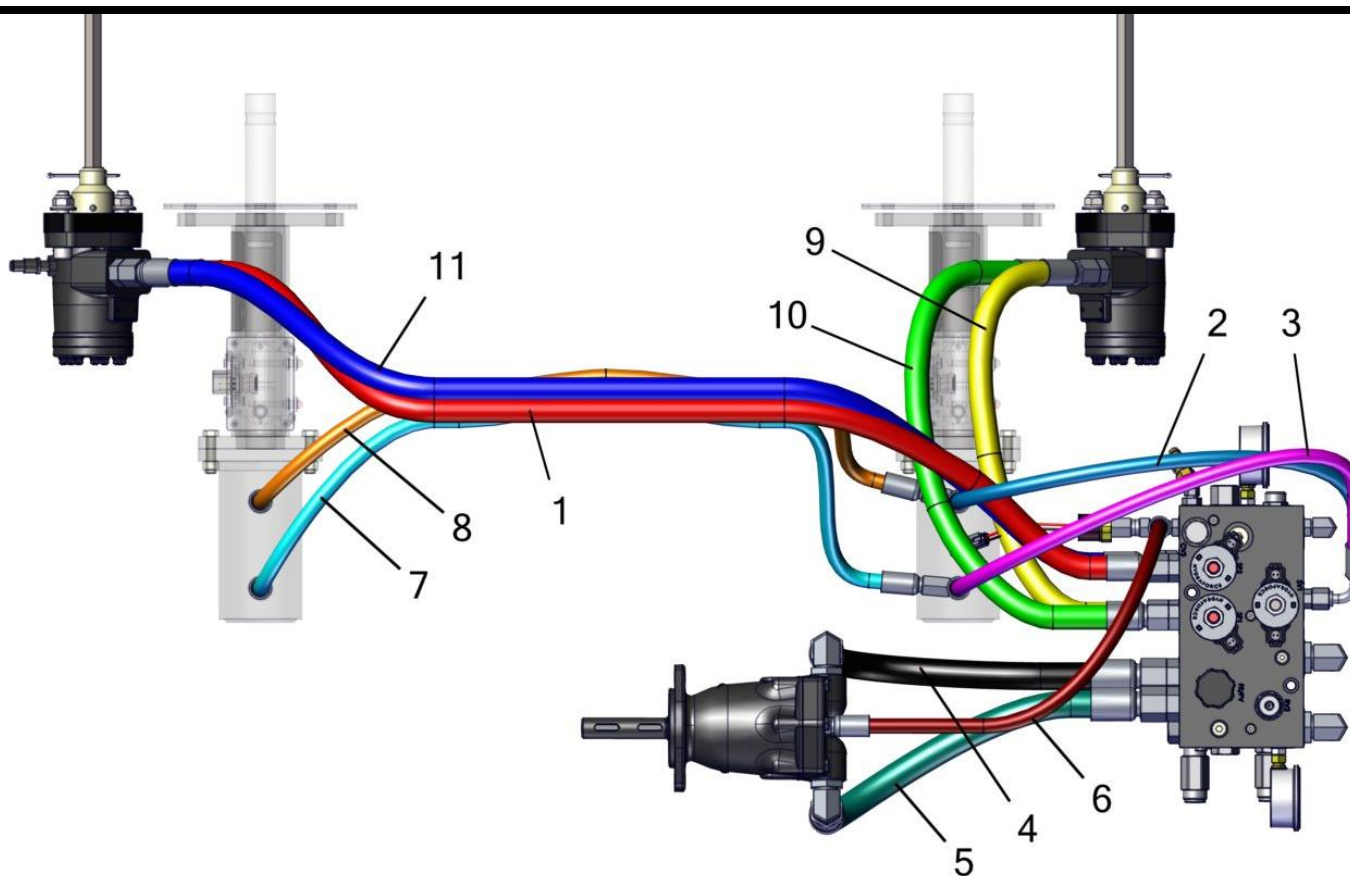
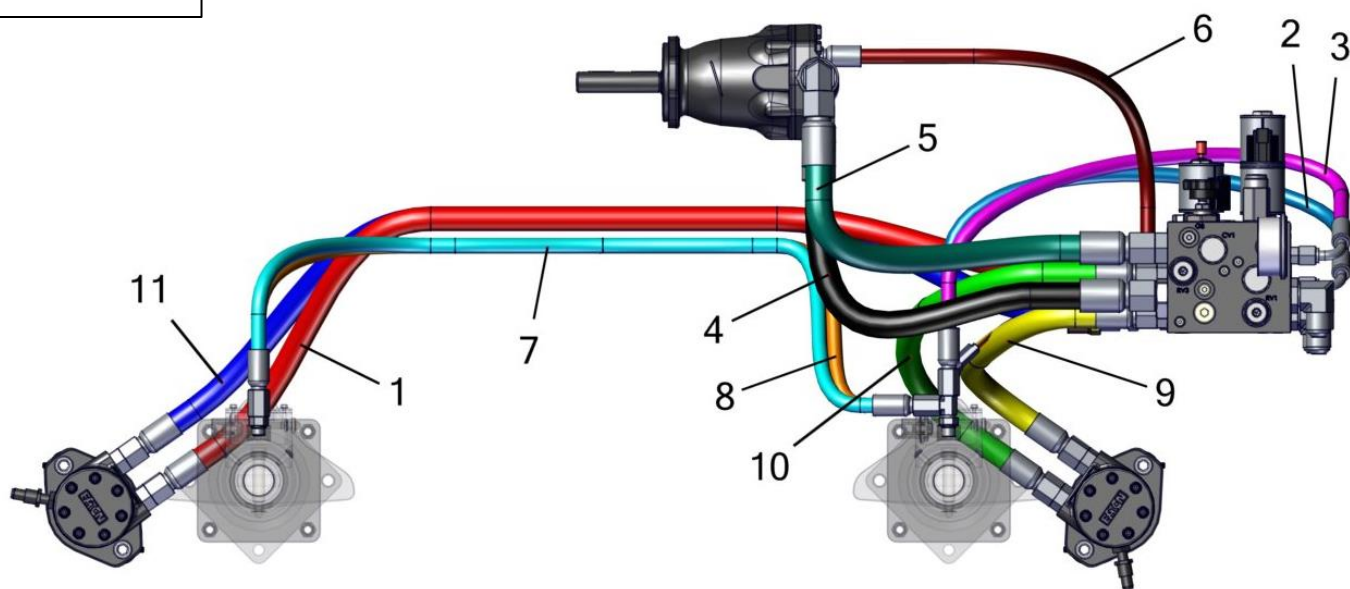
KIT NO.	DESCRIPTION
K000172	Kit - 2 Bin 2 Section Gen II Add-On
K000173	Kit - 2 Bin 3 Section Gen II Add-On
K000174	Kit - 2 Bin 4 Section Gen II Add-On

CONVERSION GUIDE

MACHINE CONVERSION:	REQUIRES:
1-SECTION TO 2-SECTION	(1) K000172
1-SECTION TO 3-SECTION	(1) K000172, (1) K000173
1-SECTION TO 4-SECTION	(1) K000172, (1) K000173, (1) K000174
2-SECTION TO 3-SECTION	(1) K000173
2-SECTION TO 4-SECTION	(1) K000173, (1) K000174
3-SECTION TO 4-SECTION	(1) K000174

Hydraulics – One Section Hoses

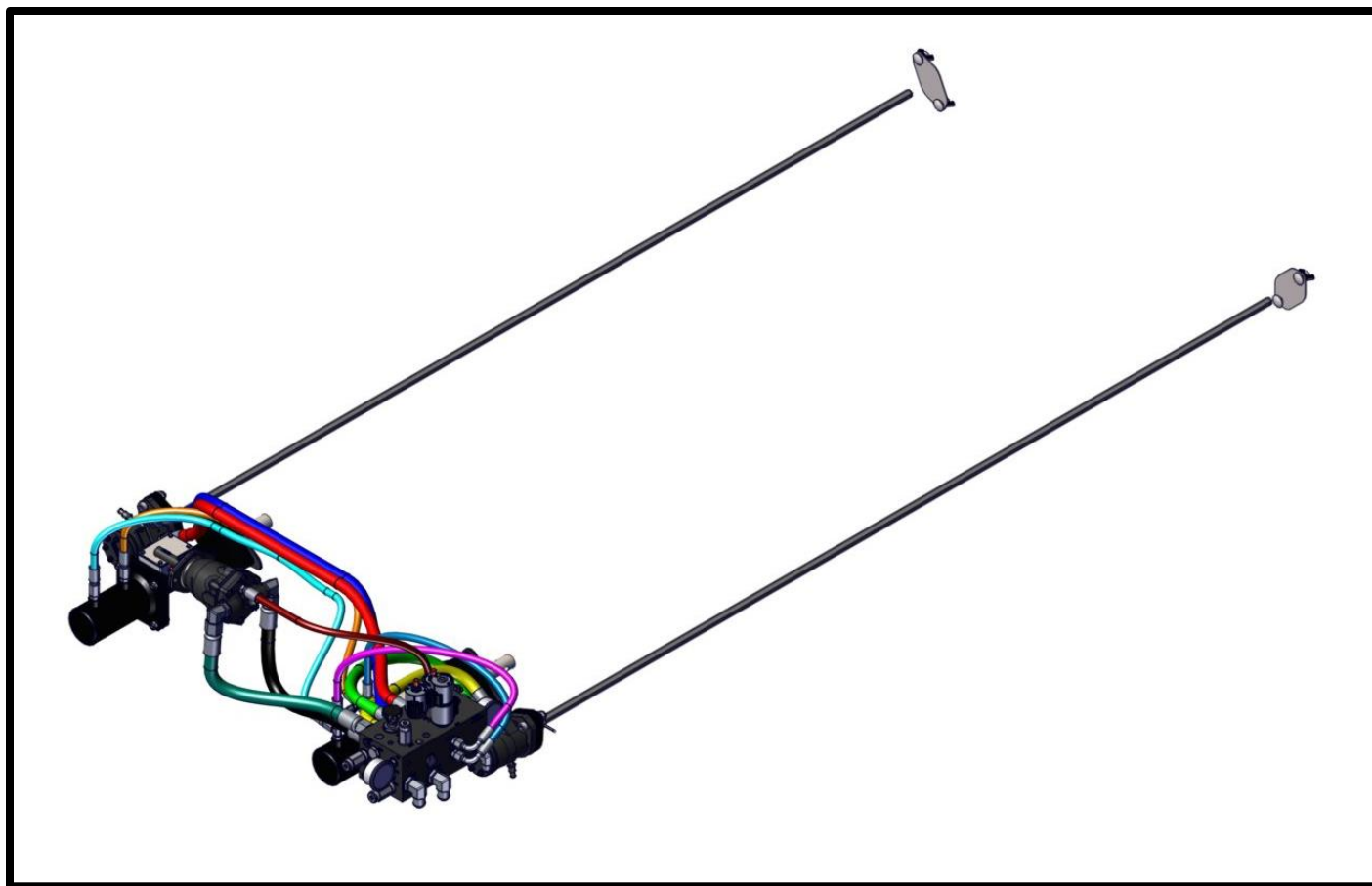
FAN END



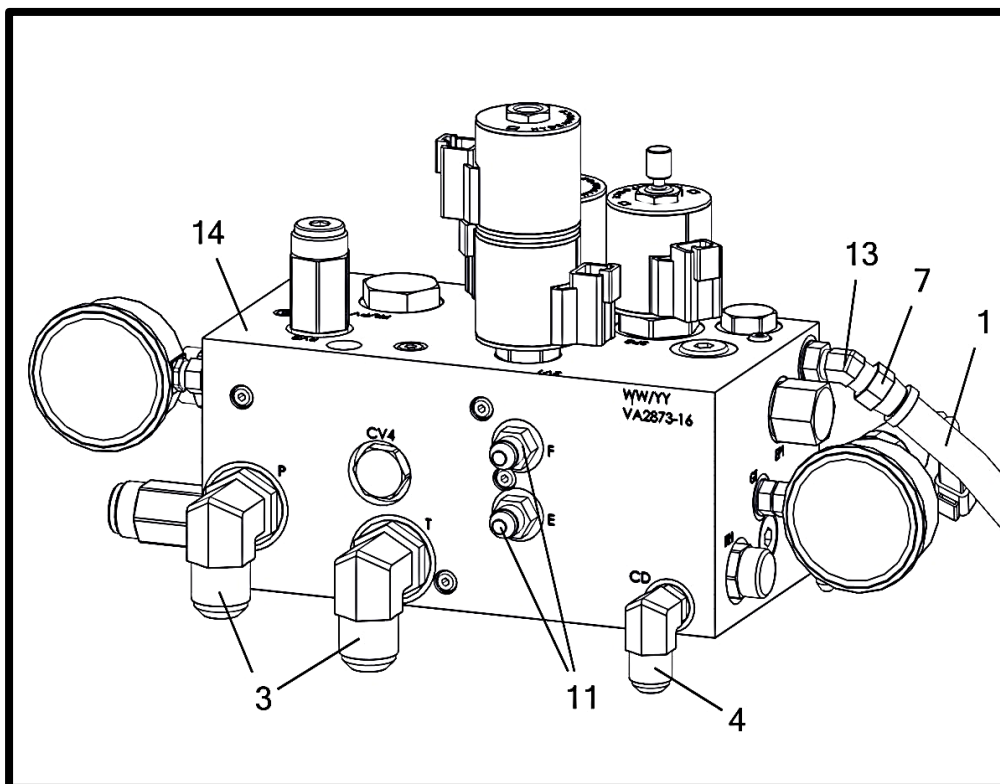
FAN END TOP VIEW

Hydraulics – One Section Hoses

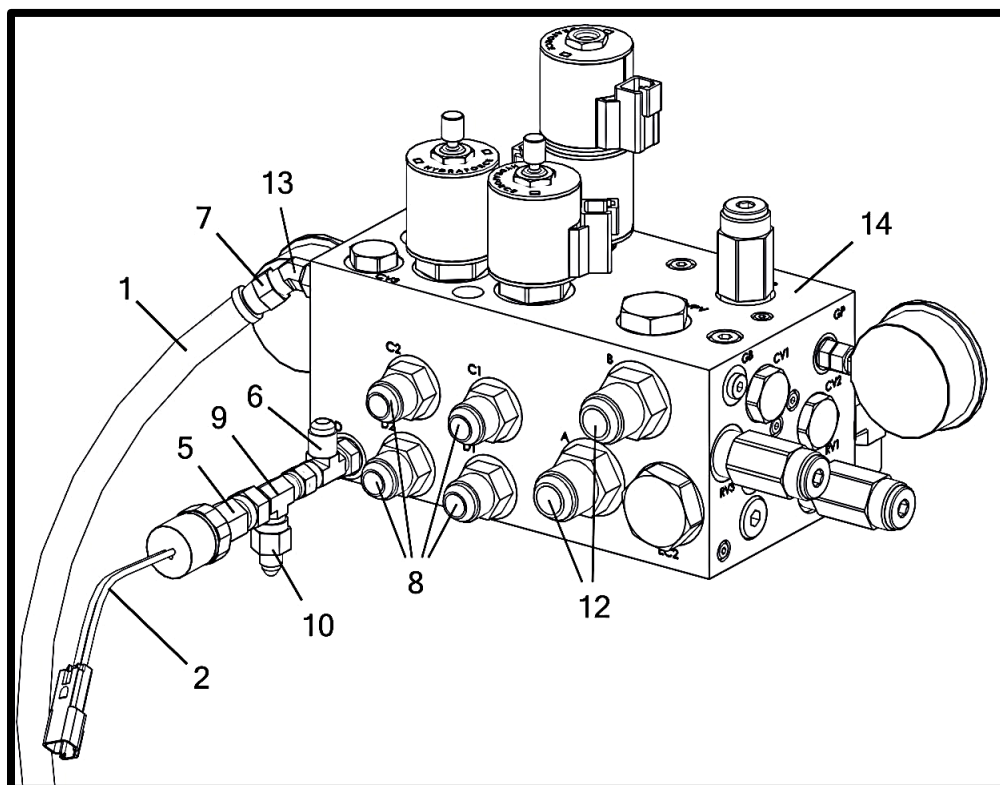
Item No.	Qty	Part Number	Description
1	1	P000912 (C2)	Hose - Hyd - 1/2" x 75" (#10 F JIC x #10 F JIC)
2	1	P000927 (E)	Hose - Hyd - 3/8" x 31" (#6 F JIC Elbow 90 x #6 F JIC)
3	1	P000927 (F)	Hose - Hyd - 3/8" x 31" (#6 F JIC Elbow 90 x #6 F JIC)
4	1	P002236 (A)	Hose - Hyd - 3/4" x 20" (#12 F JIC x #12 F JIC)
5	1	P002236 (B)	Hose - Hyd - 3/4" x 20" (#12 F JIC x #12 F JIC)
6	1	P002416 (CD)	Hose - Hyd - 3/8" x 23" (#6 M O-Ring x #6 F JIC)
		P002582	O-Ring - #6 Buna (4000-06)
7	1	P002418	Hose - Hyd - 3/8" x 41" (#6 F JIC x #6 F JIC)
8	1	P002418	Hose - Hyd - 3/8" x 41" (#6 F JIC x #6 F JIC)
9	1	P002419 (D1)	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
10	1	P002422 (C1)	Hose - Hyd - 1/2" x 48" (#10 F JIC x #10 F JIC)
11	1	P002422 (D2)	Hose - Hyd - 1/2" x 48" (#10 F JIC x #10 F JIC)



Hydraulic Block – Front View (All Section Variations)



Hydraulic Block – Rear View (All Section Variations)

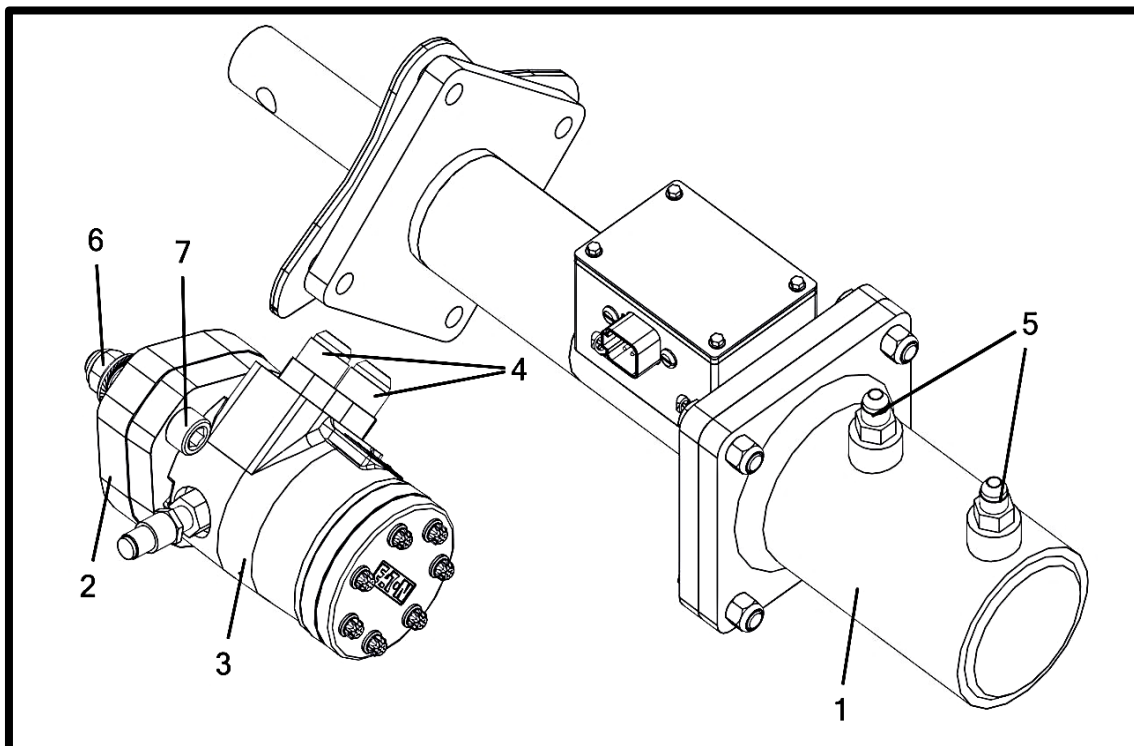


Hydraulic Block (All Section Variations)

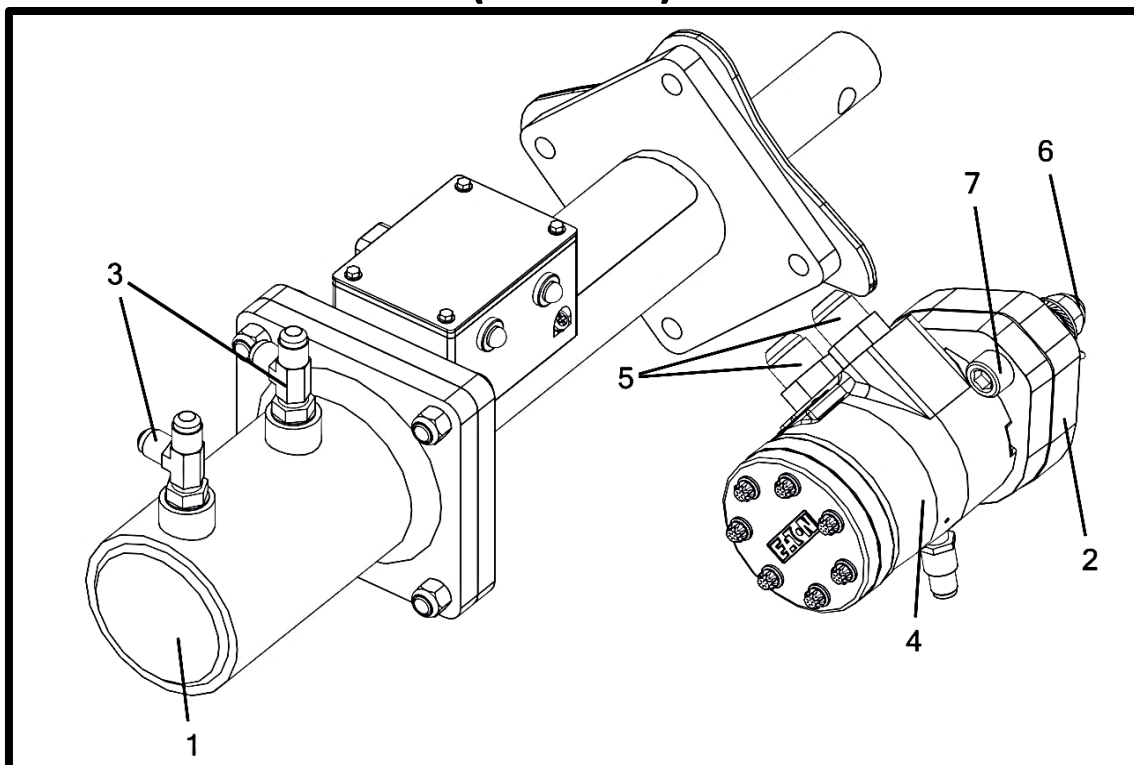
Item No.	Qty	Part Number	Description
1	1	M001042	Hose - Manifold Case Drain Bypass
2	1	P000378	Switch - Hyd Pressure Sensor (15-35 PSI) (Case Drain)
3	2	P000385	Fitting - Hyd - #12 M JIC x #12 M O-Ring Elbow 90 (6801-12-12)
		P002585	O-Ring - #12 Buna (4000-12)
4	1	P000386	Fitting - Hyd - #6 M O-Ring 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	P000391	Fitting - #6 F JIC Adapter to 3/8" Push-Lock Barb (PB-JCFX-0606)
8	4	P000836	Fitting - Hyd - #10 M O-Ring x #10 M JIC Straight
		P002584	O-Ring - #10 Buna (4000-10)
9	1	P000919	Fitting - Hyd - 1&3=#6 M JIC, 2=#6 F JIC Tee (6602-06-06-06) *
10	1	P000920	Fitting - Hyd - #4 M JIC x #6 F Rigid JIC Straight (2406-06-04) *
11	2	P000928	Fitting - Hyd - #6 M O-Ring x #6 M JIC Straight
		P002582	O-Ring - #6 Buna (4000-06)
12	2	P000931	Fitting - Hyd. - #12 M O-Ring x #12 M JIC Straight
		P002585	O-Ring - #12 Buna (4000-12)
13	1	P002432	Fitting - Hyd - #6 M O-Ring x #6 M JIC Elbow 45
		P002582	O-Ring - #6 Buna (4000-06)
14	1	P003048	Manifold - Hydraulic Dual Product Control (Less Fan Override) (VA2873-16-B)

(*) Fittings not used in 1 section machines

One Section Slide Gate Cylinder & Drive Motor – Tank 2 (Fan End)



One Section Slide Gate Cylinder & Drive Motor – Tank 1 (Fan End)



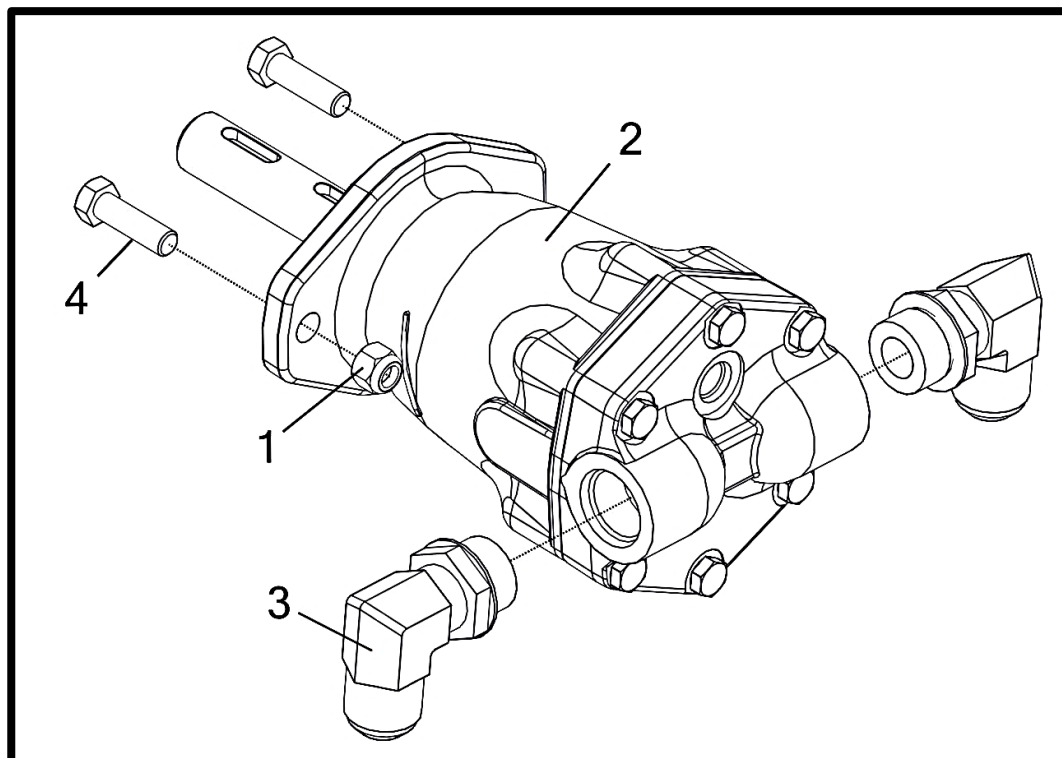
One Section Slide Gate Cylinder & Drive Motor – Tank 2 (Fan End)

Item No.	Qty.	Part Number	Description
1	1	A002101__	Mount - Slide Gate Cylinder Extension
2	1	M002604__	Plate - Motor Spacer (3/4")
3	1	P000828	Motor - Hyd. 4.5 CU/IN Char-Lynn w/ Speed Sensor (101-3525-009)
4	2	P000836	Fitting - Hyd - #10 M O-Ring x #10 M JIC Straight
		P002584	O-Ring - #10 Buna (4000-10)
5	2	P000928	Fitting - Hyd - #6 M O-Ring x #6 M JIC Straight
		P002582	O-Ring - #6 Buna (4000-06)
6	2	P002226	Nut - 1/2-13 Flange Nylon Lock (18-8 S/S FB)
7	2	P002235	Bolt - 1/2-13 x 2.25 x 1.25 Socket Head (F593 304 S/S FB)

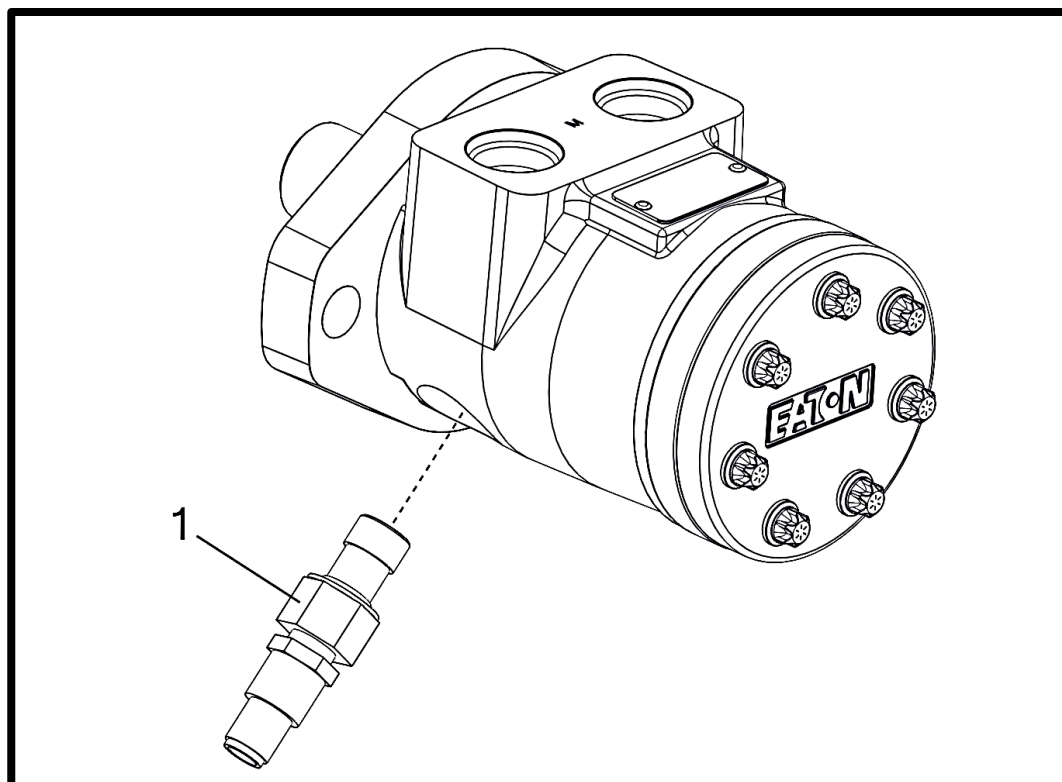
One Section Slide Gate Cylinder & Drive Motor – Tank 1 (Fan End)

Item No.	Qty.	Part Number	Description
1	1	A002101__	Mount - Slide Gate Cylinder Extension
2	1	M002604__	Plate - Motor Spacer (3/4")
3	2	P000389	Fitting - Hyd - 1&3=#6 M JIC, 2=#6 M O-Ring Tee
		P002582	O-Ring - #6 Buna (4000-06)
4	1	P000828	Motor - Hyd. 4.5 CU/IN Char-Lynn w/ Speed Sensor (101-3525-009)
5	2	P000836	Fitting - Hyd - #10 M O-Ring x #10 M JIC Straight
		P002584	O-Ring - #10 Buna (4000-10)
6	2	P002226	Nut - 1/2-13 Flange Nylon Lock (18-8 S/S FB)
7	2	P002235	Bolt - 1/2-13 x 2.25 x 1.25 Socket Head (F593 304 S/S FB)

Fan Motor (All Section Variations)



Speed Sensor (All Section Variations)



Fan Motor (All Section Variations)

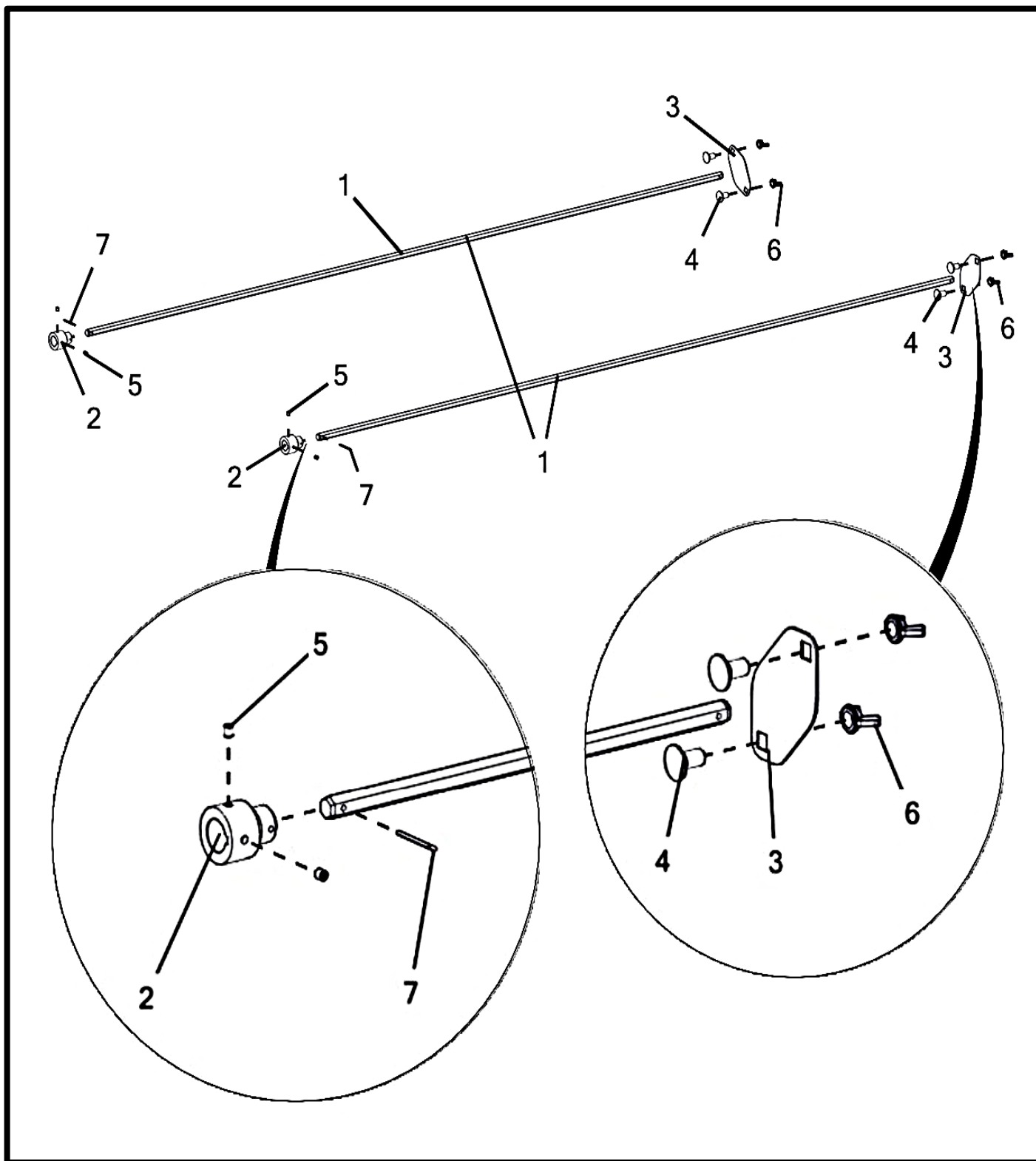
Item No.	Qty	Part Number	Description
1	2	P000105	Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB)
2	1	P000354	Motor - Eaton 16 & 24 Row Fan (74118)
3	2	P000385	Fitting - Hyd - #12 M JIC x #12 M O-Ring Elbow 90
		P002585	O-Ring - #12 Buna (4000-12)
4	2	P000416	Bolt - 3/8-16 x 1.25 x 1 Hex (F593 304 S/S FB)

(*) Included In K002152 - Kit - Fan / Transition Hardware Gen II (2018+)

Speed Sensor (All Section Variations)

Item No.	Qty.	Part Number	Description
1	1	P000926	Sensor - Char-Lynn Motor Speed Sensor (60 Pulse)

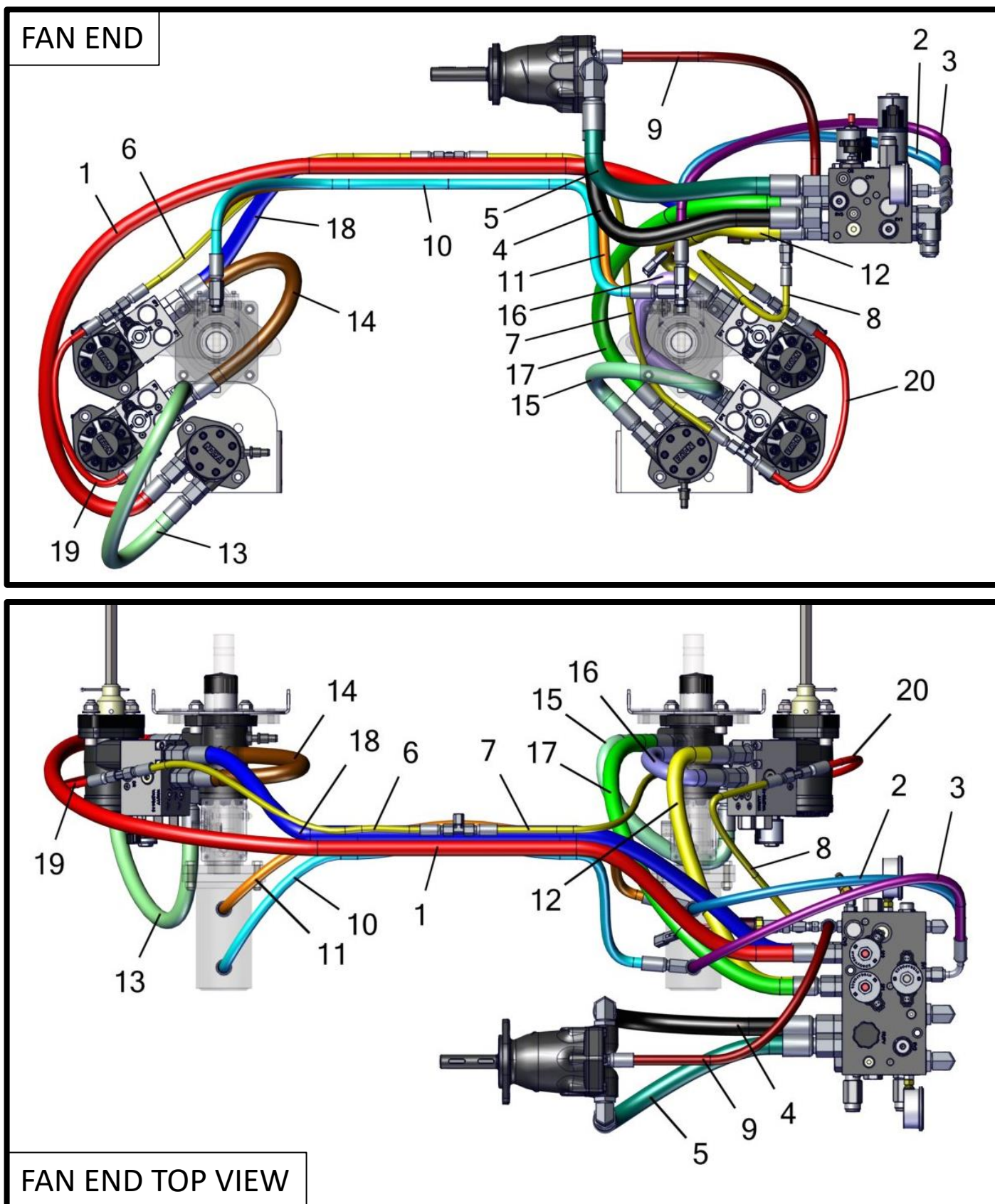
One Section Drive Shafts And Covers



One Section Drive Shafts And Covers

Item No.	Qty.	Part Number	Description
1	2	M002039	Shaft - 5/8" Long Drive
2	2	M002152	Coupler - 1" Round w/ Keyway to 5/8" Hex Shaft
3	2	M002272	Plate - Gear Box Drive Shaft Cover Shield
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 - 1/8in x 1.75in (S/S)

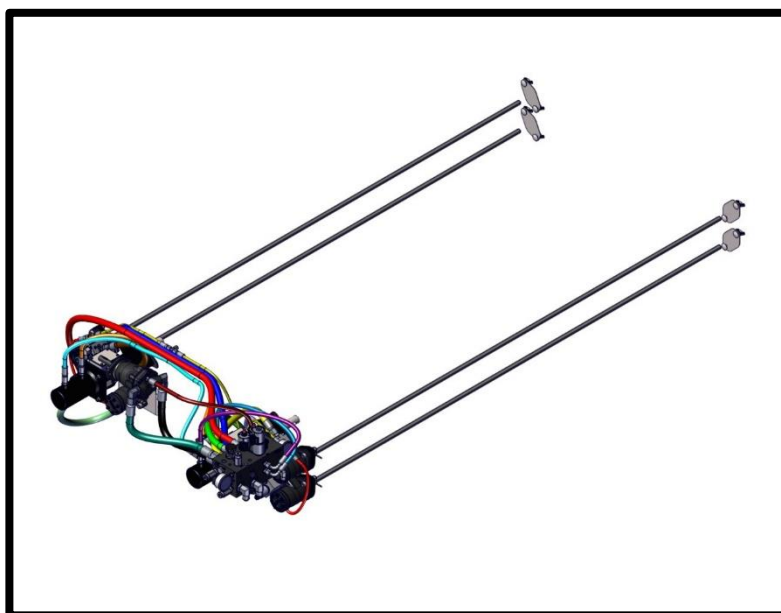
Hydraulics – Two Section Hoses



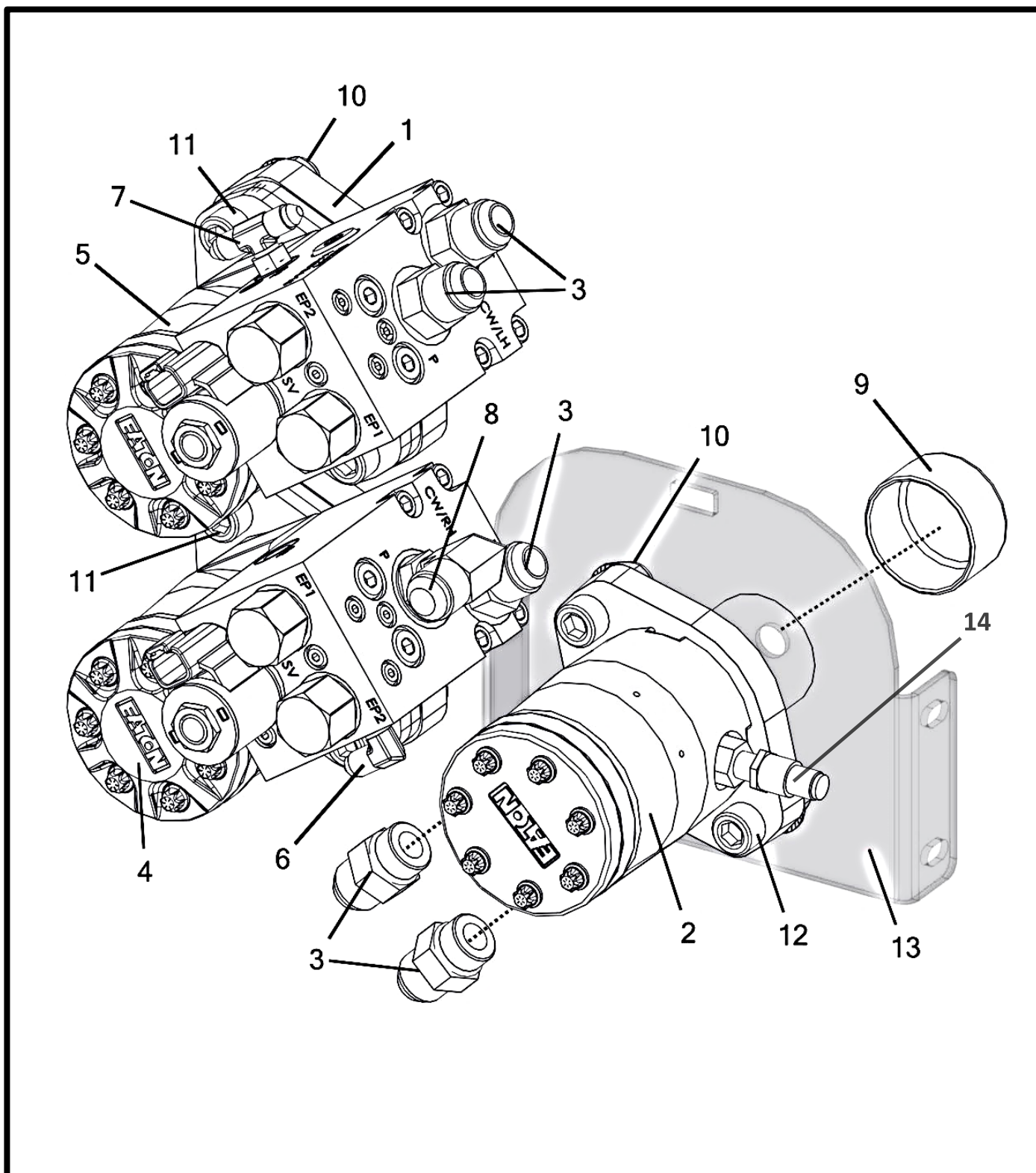
Hydraulics – Two Section Hoses

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	P000927 (E)	Hose - Hyd - 3/8" x 31" (#6 F JIC Elbow 90 x #6 F JIC)
3	1	P000927 (F)	Hose - Hyd - 3/8" x 31" (#6 F JIC Elbow 90 x #6 F JIC)
4	1	P002236 (A)	Hose - Hyd - 3/4" x 20" (#12 F JIC x #12 F JIC)
5	1	P002236 (B)	Hose - Hyd - 3/4" x 20" (#12 F JIC x #12 F JIC)
6	1	P002412	Hose - Hyd - 1/4" x 25" (#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	P002416 (CD)	Hose - Hyd - 3/8" x 23" (#6 M O-Ring x #6 F JIC)
		P002582	O-Ring - #6 Buna (4000-06)
10	1	P002418	Hose - Hyd - 3/8" x 41" (#6 F JIC x #6 F JIC)
11	1	P002418	Hose - Hyd - 3/8" x 41" (#6 F JIC x #6 F JIC)
12	1	P002419 (D1)	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 (C1)	Hose - Hyd - 1/2" x 48" (#10 F JIC x #10 F JIC)
18	1	P002422 (D2)	Hose - Hyd - 1/2" x 48" (#10 F JIC x #10 F JIC)
19	1	(R) P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
20	1	(R) P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)

Two Section Also Requires:
Hydraulic Block – pg. 104-105
Fan Motor/ Speed Sensor – pg. 108-109



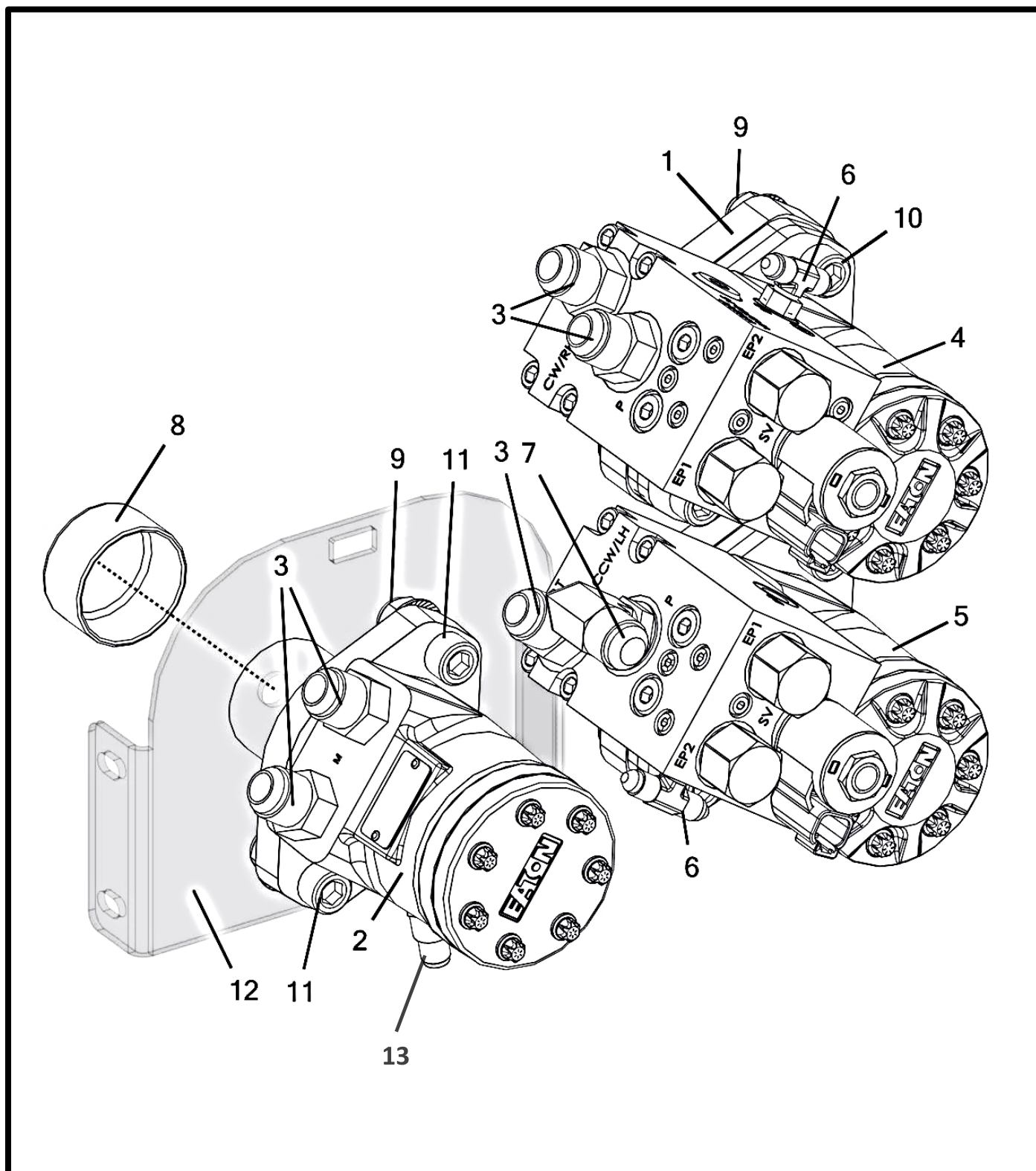
Speed Sensor & Drive Motors – Tank 2 (Fan End) (Two, Three, And Four Section)



Speed Sensor & Drive Motors – Tank 2 (Fan End) (Two, Three, And Four Section)

Item No.	Qty.	Part Number	Description
1	2	M002604__	Plate - Motor Spacer (3/4")
2	1	P000828	Motor - Hyd. 4.5 CU/IN Char-Lynn w/ Speed Sensor (101-3525-009)
3	4	P000836	Fitting - Hyd - #10 M O-Ring x #10 M JIC Straight
		P002584	O-Ring - #10 Buna (4000-10)
4	1	P000881	Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CW) (MA2783-15)
5	1	P000882	Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CCW) (MA2784-15)
6	1	P000917	Fitting - Hyd - #4 M O-Ring x #4 M JIC Elbow 90
		P002581	O-Ring - #4 Buna (4000-04)
7	1	P000918	Fitting - Hyd - 1&3=#4 M JIC, 2=#4 M O-Ring Tee
		P002581	O-Ring - #4 Buna (4000-04)
8	1	P000925	Fitting - Hyd - #10 M O-ring x #10 M JIC Elbow 90
		P002584	O-Ring - #10 Buna (4000-10)
9	1	P002079	Cap - 1-1/2" SCH 40 Vinyl Pipe
10	6	P002226	Nut - 1/2-13 Flange Nylon Lock (18-8 S/S FB)
11	4	P002235	Bolt - 1/2-13 x 2.25 x 1.25 Socket Head (F593 304 S/S FB)
12	2	P002237	Bolt - 1/2-13 x 1.5 x 1.25 Socket Head (F593 304 S/S FB)
13	1	W002378	Bracket - Encoder Motor Mounting
14	1	P000926	Sensor - Char-Lynn Motor Speed Sensor (60 Pulse)

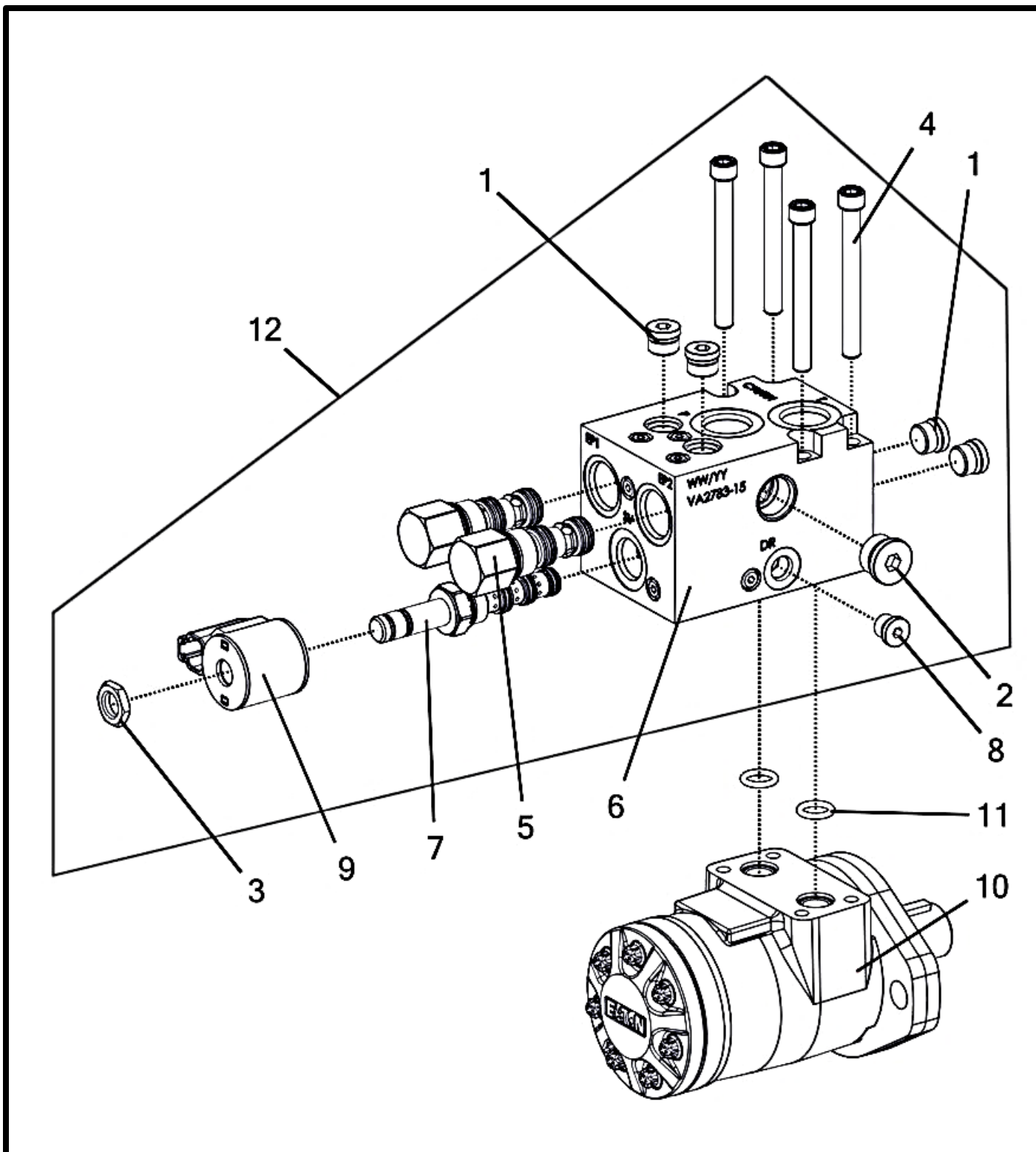
Speed Sensor & Drive Motors – Tank 1 (Fan End) (Two, Three, And Four Section)



Speed Sensor & Drive Motors – Tank 1 (Fan End) (Two, Three, And Four Section)

Item No.	Qty.	Part Number	Description
1	2	M002604__	Plate - Motor Spacer (3/4")
2	1	P000828	Motor - Hyd. 4.5 CU/IN Char-Lynn w/ Speed Sensor (101-3525-009)
3	4	P000836	Fitting - Hyd - #10 M O-Ring x #10 M JIC Straight
		P002584	O-Ring - #10 Buna (4000-10)
4	1	P000881	Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CW) (MA2783-15)
5	1	P000882	Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CCW) (MA2784-15)
6	2	P000918	Fitting - Hyd - 1&3=#4 M JIC, 2=#4 M O-Ring Tee
		P002581	O-Ring - #4 Buna (4000-04)
7	1	P000925	Fitting - Hyd - #10 M O-ring x #10 M JIC Elbow 90
		P002584	O-Ring - #10 Buna (4000-10)
8	1	P002079	Cap - 1-1/2" SCH 40 Vinyl Pipe
9	6	P002226	Nut - 1/2-13 Flange Nylon Lock (18-8 S/S FB)
10	4	P002235	Bolt - 1/2-13 x 2.25 x 1.25 Socket Head (F593 304 S/S FB)
11	2	P002237	Bolt - 1/2-13 x 1.5 x 1.25 Socket Head (F593 304 S/S FB)
12	1	W002378	Bracket - Encoder Motor Mounting
13	1	P000926	Sensor - Char-Lynn Motor Speed Sensor (60 Pulse)

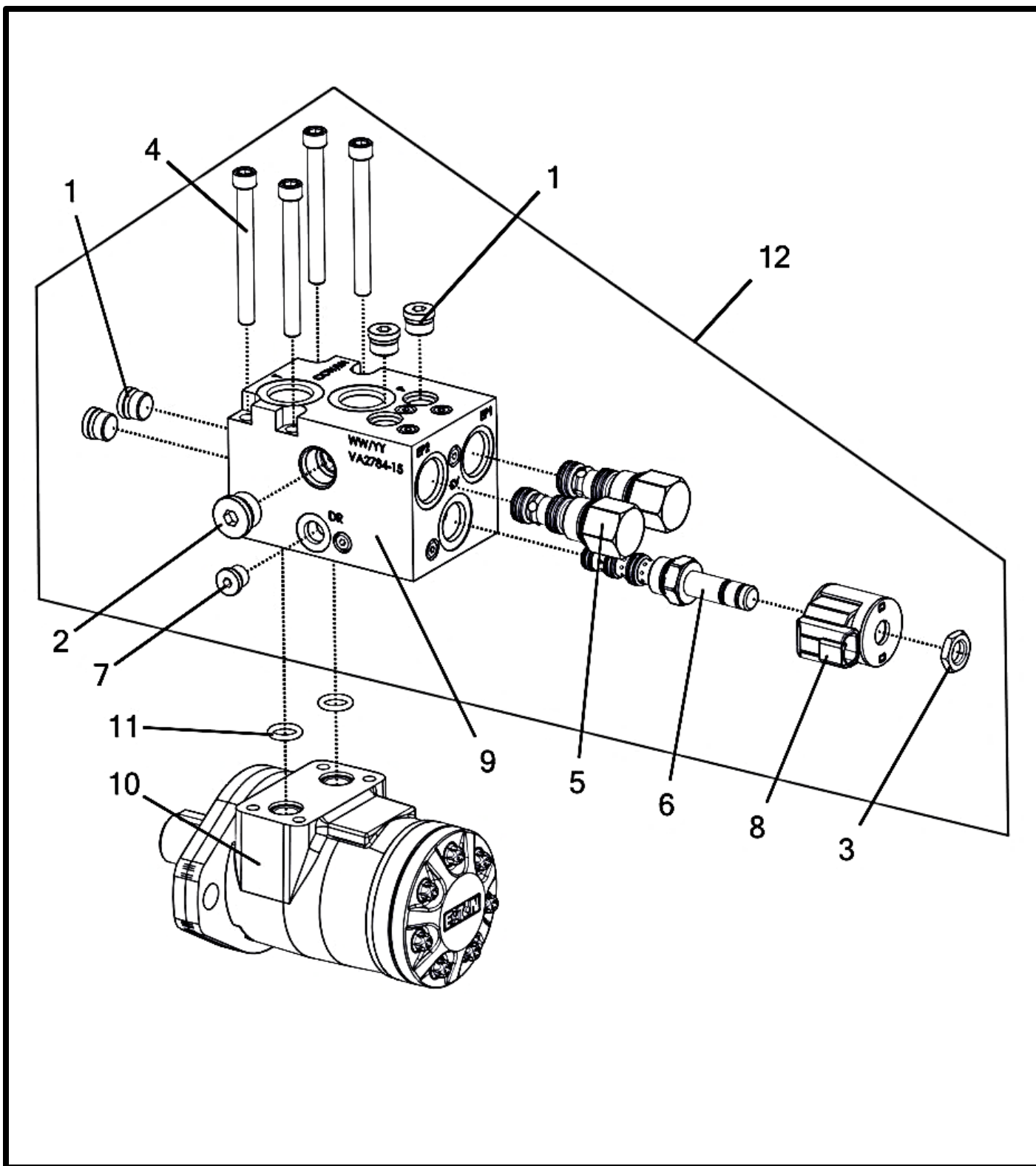
Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CW) (MA2783-15)



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

Item 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-Ring - .50" x .09" CS Buna (1-112-70N)
12	1	P002524	Manifold - Hyd. Motor On/Off Control (VA2783-15)

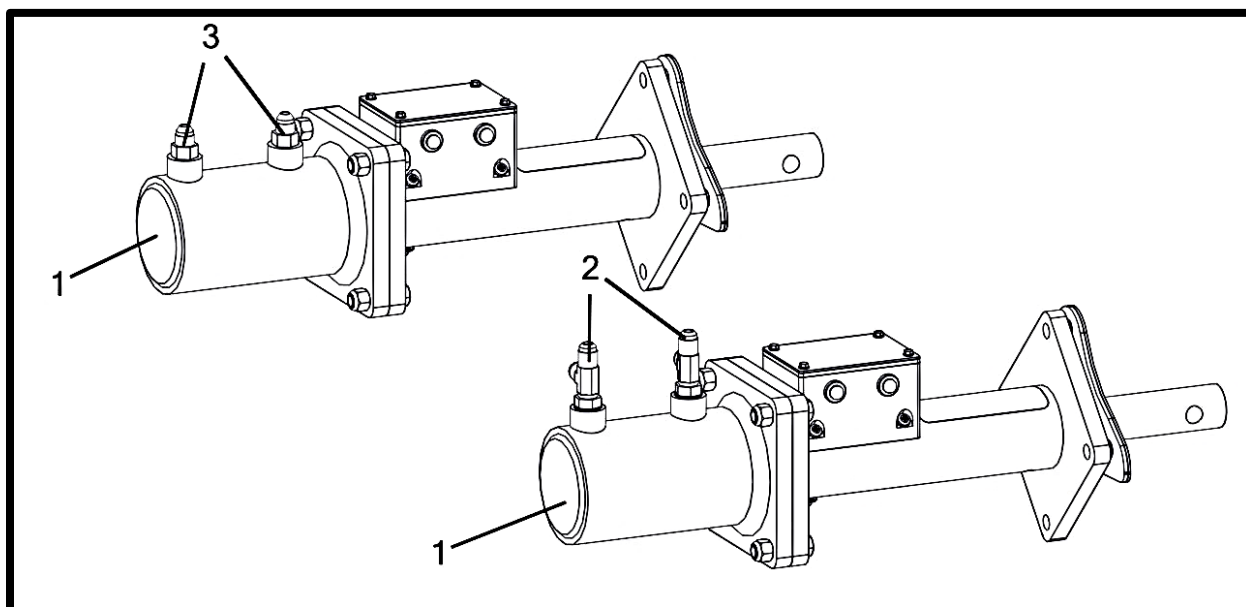
Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CCW) (MA2784-15)



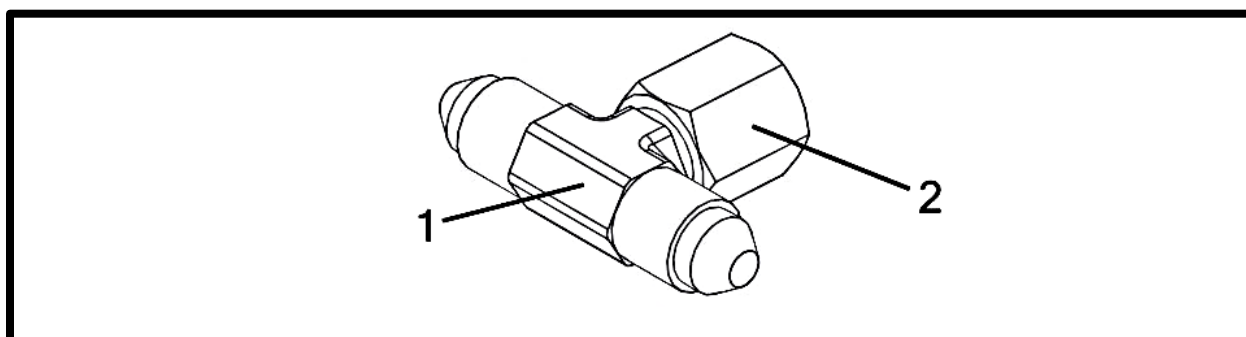
Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CCW) (MA2784-15)

Item 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-Ring - .50" x .09" CS Buna (1-112-70N)
12	1	P002526	Manifold - Hyd. Motor On/Off Control (VA2784-15)

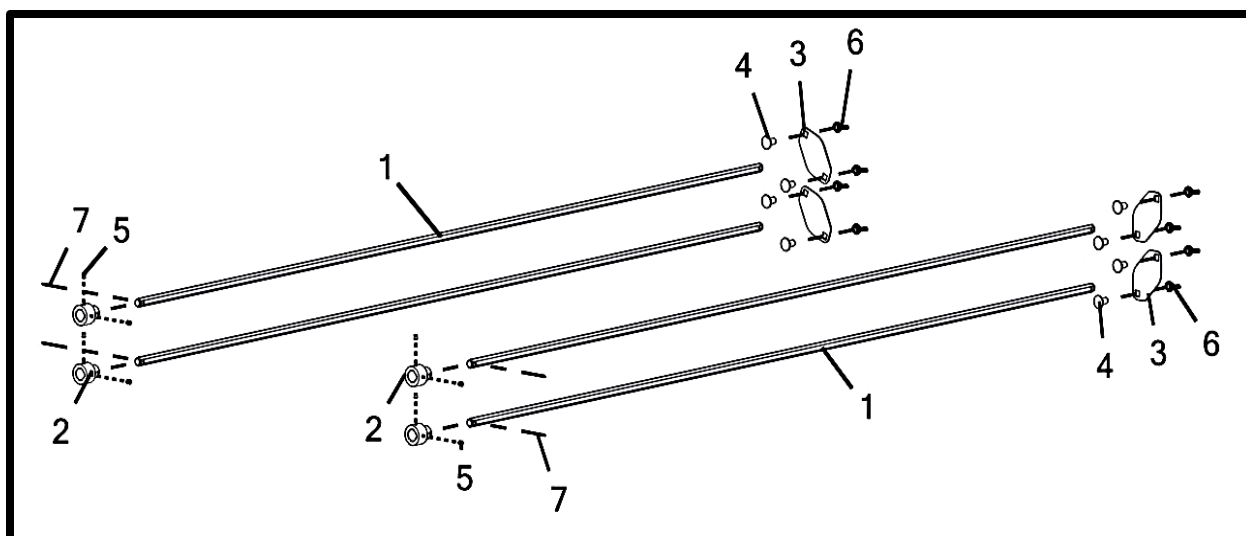
Slide Gate Cylinders (All Section Variations)



Two Section Center Tee And Cap



Two Section Drive Shafts And Covers



Slide Gate Cylinders (All Section Variations)

Item No.	Qty.	Part Number	Description
1	2	A002101__	Mount - Slide Gate Cylinder Extension
2	2	P000389	Fitting - Hyd - 1&3=#6 M JIC, 2=#6 M O-Ring Tee
		P002582	O-Ring - #6 Buna (4000-06)
3	2	P000928	Fitting - Hyd - #6 M O-Ring x #6 M JIC Straight
		P002582	O-Ring - #6 Buna (4000-06)

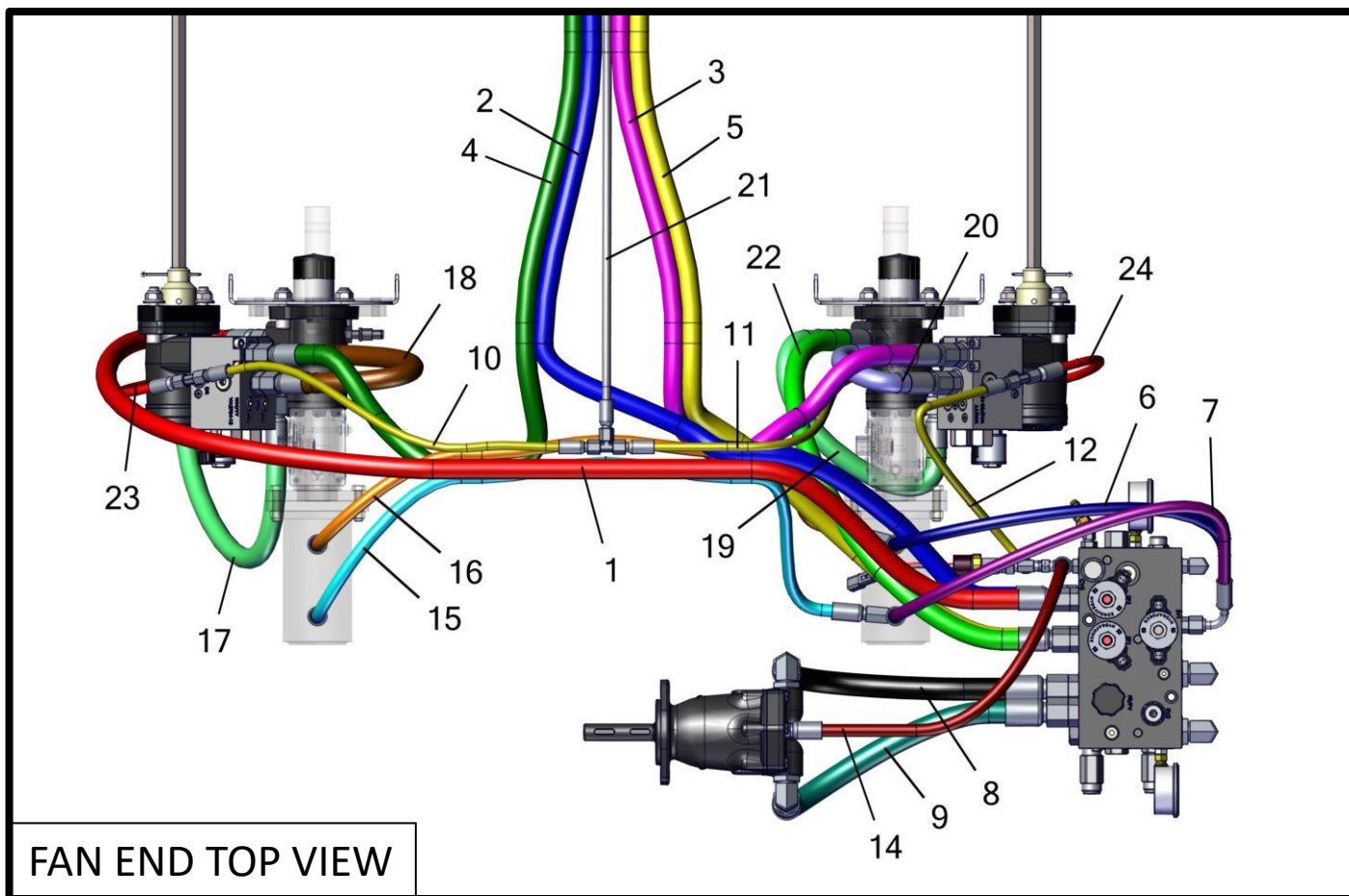
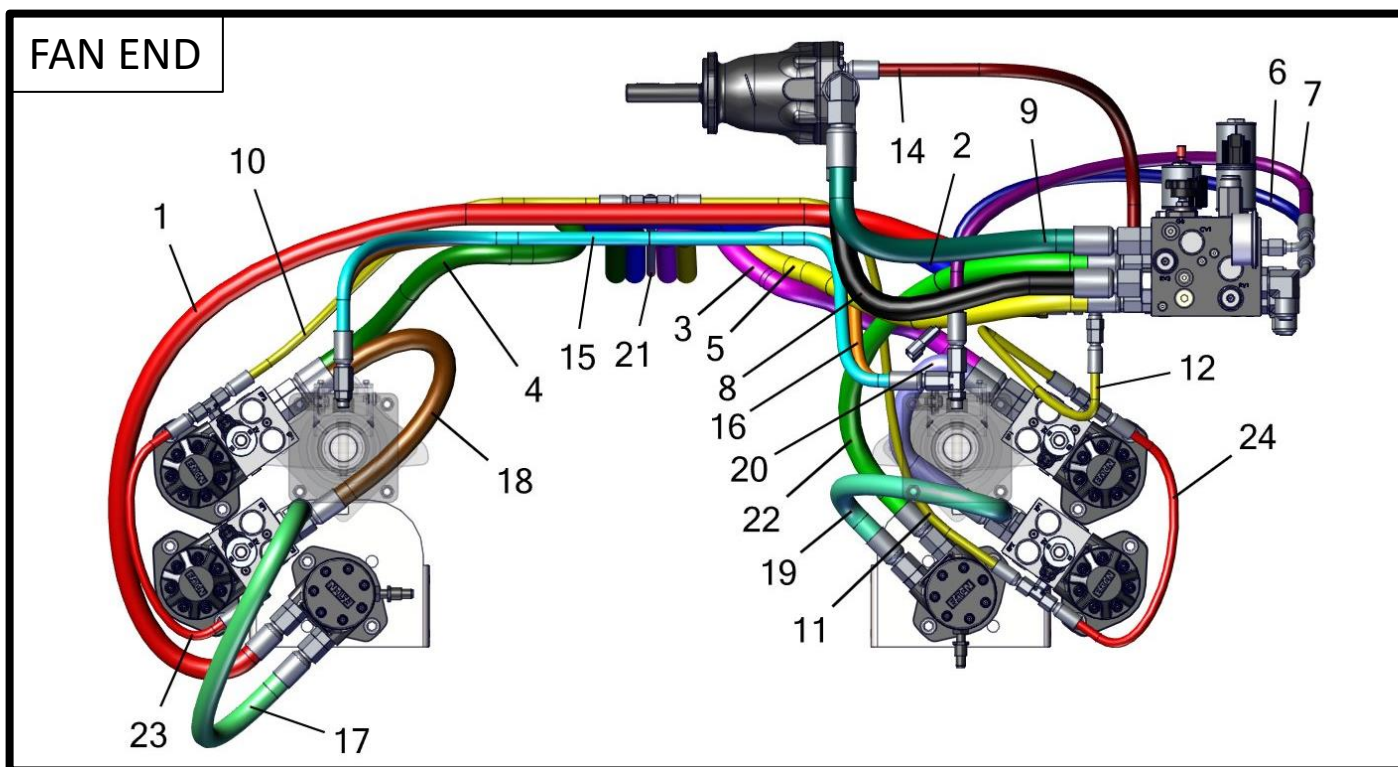
Two Section Center Tee And Cap

Item No.	Qty.	Part Number	Description
1	1	P000922	Fitting - Hyd - 1&2&3=#4 M JIC Tee
2	1	P000923	Fitting - Hyd - #4 F JIC Cap

Two Section Drive Shafts And Covers

Item No.	Qty.	Part Number	Description
1	4	M002039	Shaft - 5/8" Long Drive
2	4	M002152	Coupler - 1" Round w/ Keyway to 5/8" Hex Shaft
3	4	M002272	Plate - Gear Box Drive Shaft Cover Shield
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 - 1/8in x 1.75in (S/S)

Hydraulics – Three Section Hoses (Fan End)



Hydraulics – Three Section Hoses (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	P000915 (D2)	Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)
3	1	P000915	Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)
4	1	P000915	Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)
5	1	P000915	Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)
6	1	P000927 (E)	Hose - Hyd - 3/8" x 31" (#6 F JIC Elbow 90 x #6 F JIC)
7	1	P000927 (F)	Hose - Hyd - 3/8" x 31" (#6 F JIC Elbow 90 x #6 F JIC)
8	1	P002236 (A)	Hose - Hyd - 3/4" x 20" (#12 F JIC x #12 F JIC)
9	1	P002236 (B)	Hose - Hyd - 3/4" x 20" (#12 F JIC x #12 F JIC)
10	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
11	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
12	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
13	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
14	1	P002416 (CD)	Hose - Hyd - 3/8" x 23" (#6 M O-Ring x #6 F JIC)
		P002582	O-Ring - #6 Buna (4000-06)
15	1	P002418	Hose - Hyd - 3/8" x 41" (#6 F JIC x #6 F JIC)
16	1	P002418	Hose - Hyd - 3/8" x 41" (#6 F JIC x #6 F JIC)
17	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
18	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
19	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
20	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
21	1	P002420	Hose - Hyd - 1/4" x 110" (#4 F JIC x #4 F JIC)
22	1	P002422 (C1)	Hose - Hyd - 1/2" x 48" (#10 F JIC x #10 F JIC)
23	1	(R) P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
24	1	(R) P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
25	1	(R) P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)

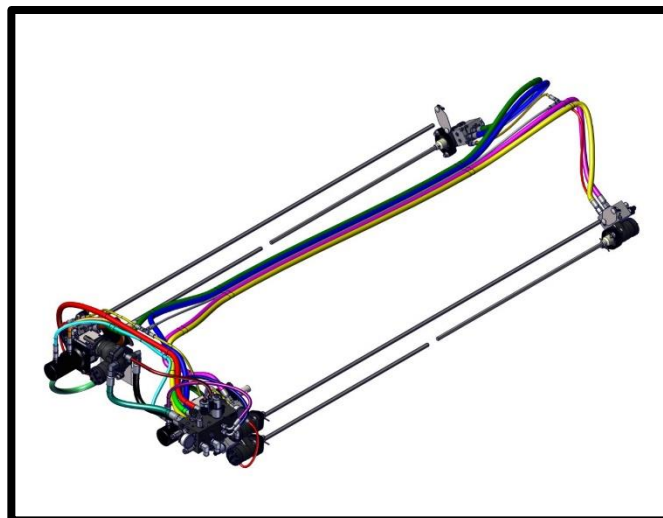
Three Section Also Requires:

Hydraulic Block – pg. 104-105

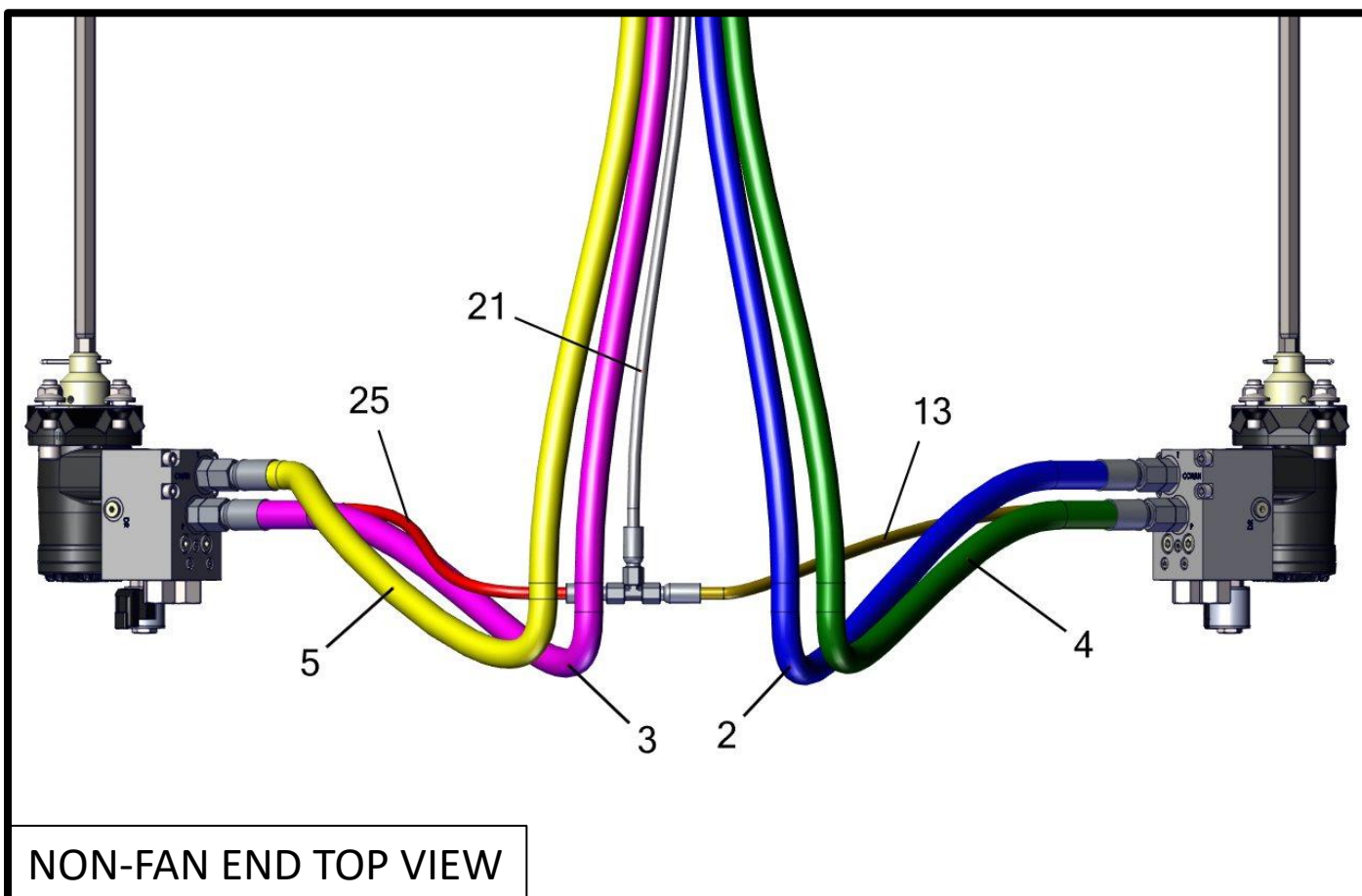
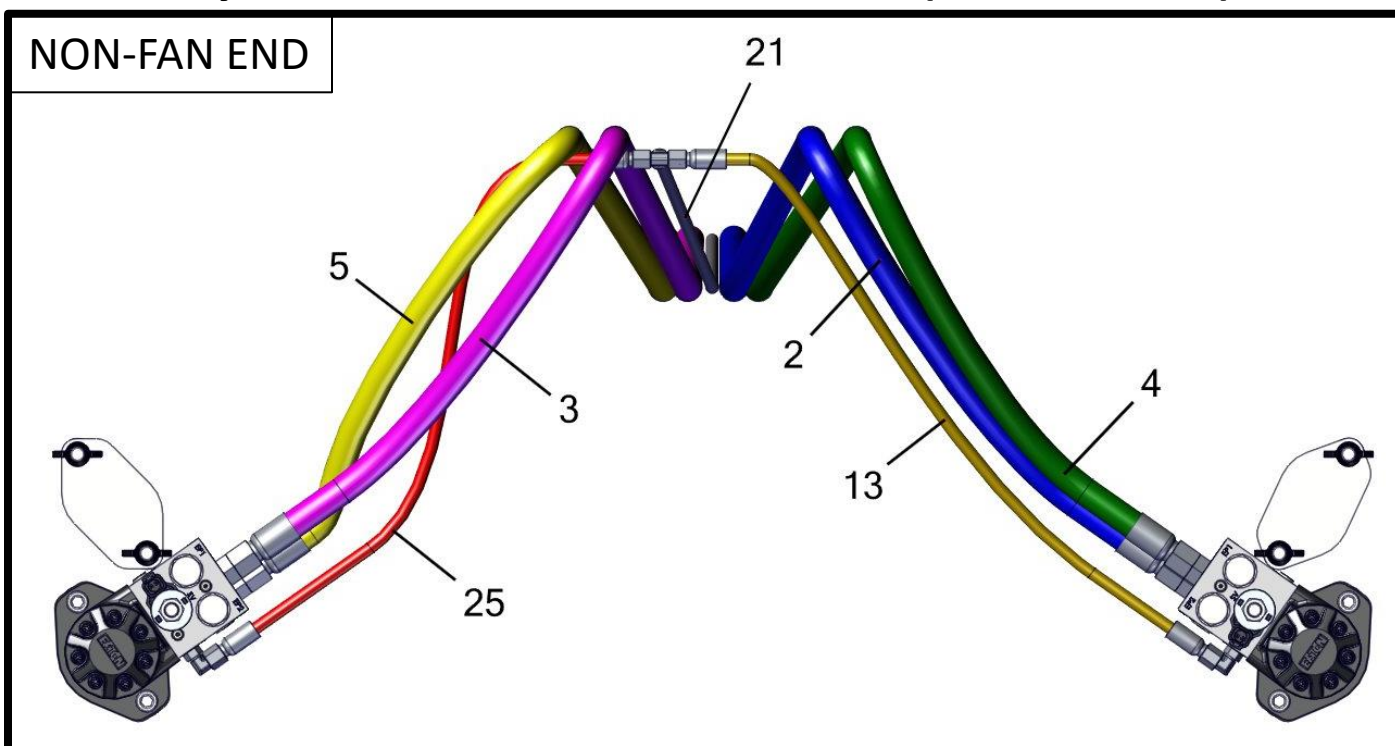
Fan Motor/ Speed Sensor – pg. 108-109

Fan-End Motors – pg. 114-117

Slide Gate Cylinders – pg. 122-123

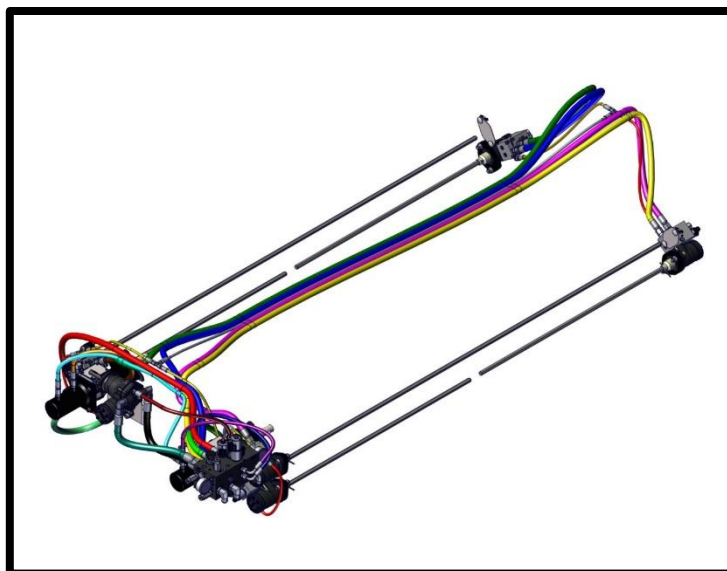


Hydraulics – Three Section Hoses (Non-Fan End)

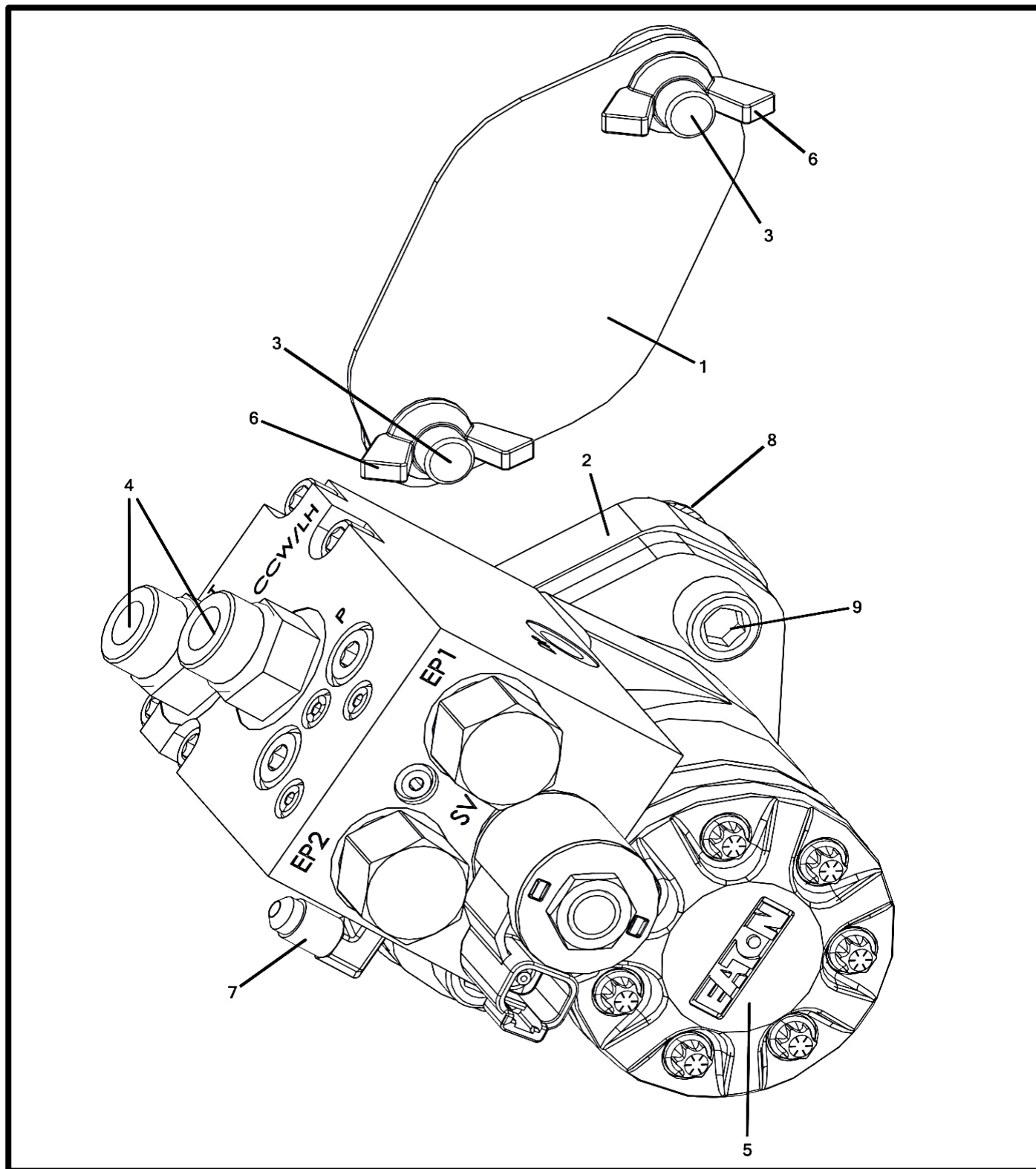


Hydraulics – Three Section Hoses (Non-Fan End)

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	P000915 (D2)	Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)
3	1	P000915	Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)
4	1	P000915	Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)
5	1	P000915	Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)
6	1	P000927 (E)	Hose - Hyd - 3/8" x 31" (#6 F JIC Elbow 90 x #6 F JIC)
7	1	P000927 (F)	Hose - Hyd - 3/8" x 31" (#6 F JIC Elbow 90 x #6 F JIC)
8	1	P002236 (A)	Hose - Hyd - 3/4" x 20" (#12 F JIC x #12 F JIC)
9	1	P002236 (B)	Hose - Hyd - 3/4" x 20" (#12 F JIC x #12 F JIC)
10	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
11	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
12	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
13	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
14	1	P002416 (CD)	Hose - Hyd - 3/8" x 23" (#6 M O-Ring x #6 F JIC)
		P002582	O-Ring - #6 Buna (4000-06)
15	1	P002418	Hose - Hyd - 3/8" x 41" (#6 F JIC x #6 F JIC)
16	1	P002418	Hose - Hyd - 3/8" x 41" (#6 F JIC x #6 F JIC)
17	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
18	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
19	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
20	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
21	1	P002420	Hose - Hyd - 1/4" x 110" (#4 F JIC x #4 F JIC)
22	1	P002422 (C1)	Hose - Hyd - 1/2" x 48" (#10 F JIC x #10 F JIC)
23	1	(R) P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
24	1	(R) P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
25	1	(R) P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)



Three Section Rear Drive Motor – Tank 2 (Non-Fan End)

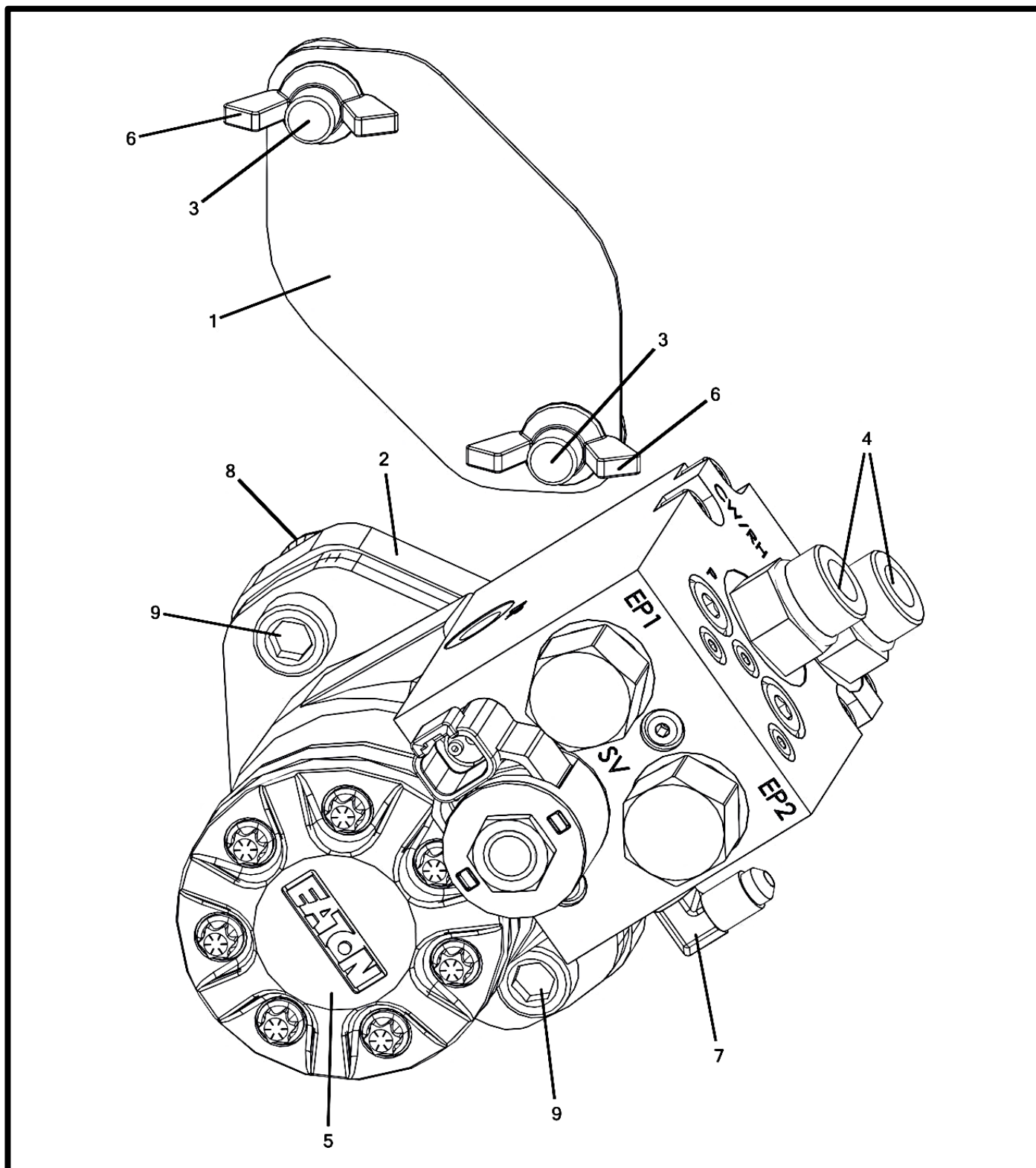


Three Section Rear Drive Motor – Tank 2 (Non-Fan End)

Item No.	Qty.	Part Number	Description
1	1	M002272	Plate - Gear Box Drive Shaft Cover Shield
2	1	M002604__	Plate - Motor Spacer (3/4")
3	2	P000638	Bolt - 1/2-13 x 1 x 1 Carriage (F593 304 S/S FB)
4	2	P000836	Fitting - Hyd - #10 M O-Ring x #10 M JIC Straight
		P002584	O-Ring - #10 Buna (4000-10)
5	1	P000882 *	Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CCW) (MA2784-15)
6	2	P000911	Nut - 1/2-13 UNC Wing (Nylon)
7	1	P000917	Fitting - Hyd - #4 M O-Ring x #4 M JIC Elbow 90
		P002581	O-Ring - #4 Buna (4000-04)
8	2	P002226	Nut - 1/2-13 Flange Nylon Lock (18-8 S/S FB)
9	2	P002235	Bolt - 1/2-13 x 2.25 x 1.25 Socket Head (F593 304 S/S FB)

***See Pg. 120-121 for P000882 Breakdown**

Three Section Rear Drive Motor – Tank 1 (Non-Fan End)

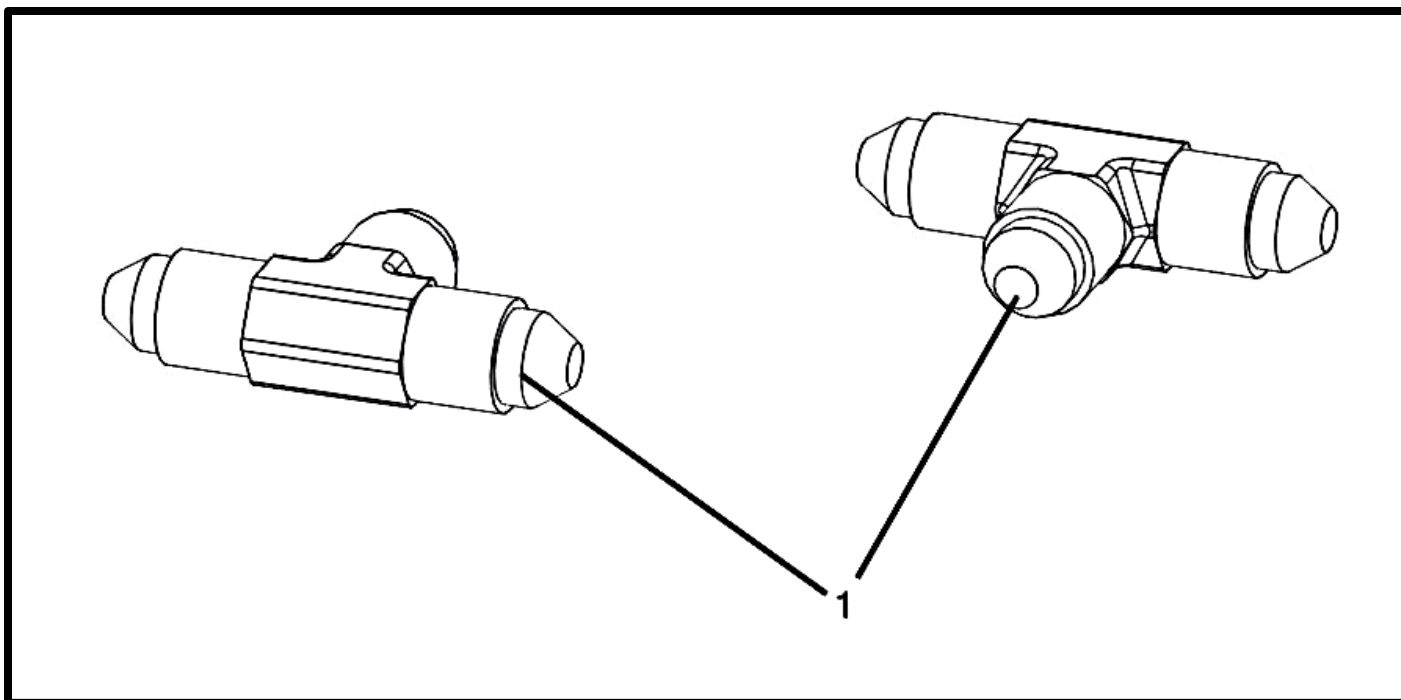


Three Section Rear Drive Motor – Tank 1 (Non-Fan End)

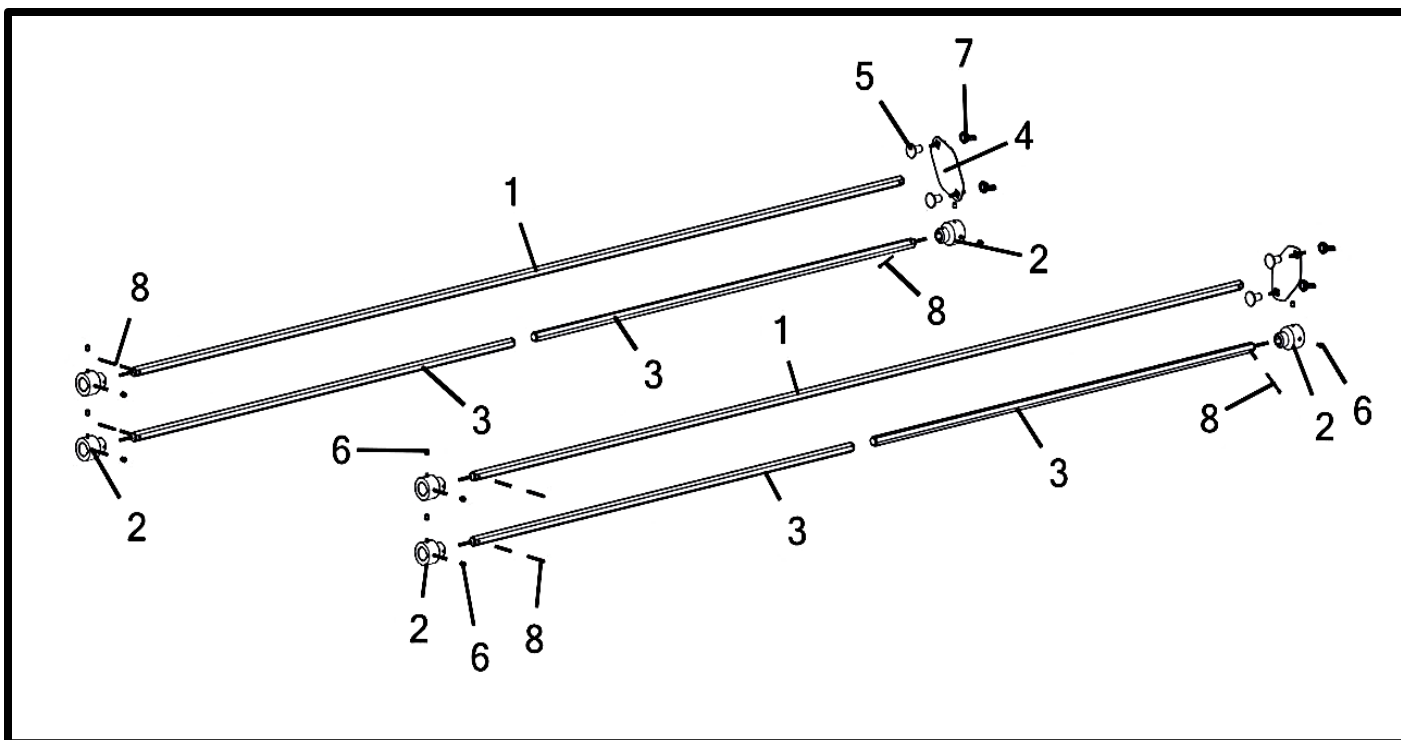
Item No.	Qty.	Part Number	Description
1	1	M002272	Plate - Gear Box Drive Shaft Cover Shield
2	1	M002604__	Plate - Motor Spacer (3/4")
3	2	P000638	Bolt - 1/2-13 x 1 x 1 Carriage (F593 304 S/S FB)
4	2	P000836	Fitting - Hyd - #10 M O-Ring x #10 M JIC Straight
		P002584	O-Ring - #10 Buna (4000-10)
5	1	P000881	Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CW) (MA2783-15)
6	2	P000911	Nut - 1/2-13 UNC Wing (Nylon)
7	1	P000917	Fitting - Hyd - #4 M O-Ring x #4 M JIC Elbow 90
		P002581	O-Ring - #4 Buna (4000-04)
8	2	P002226	Nut - 1/2-13 Flange Nylon Lock (18-8 S/S FB)
9	2	P002235	Bolt - 1/2-13 x 2.25 x 1.25 Socket Head (F593 304 S/S FB)

***See Pg. 118-119 for P000881 Breakdown**

Front And Rear Center Tees (Three And Four Section)



Three Section Drive Shafts



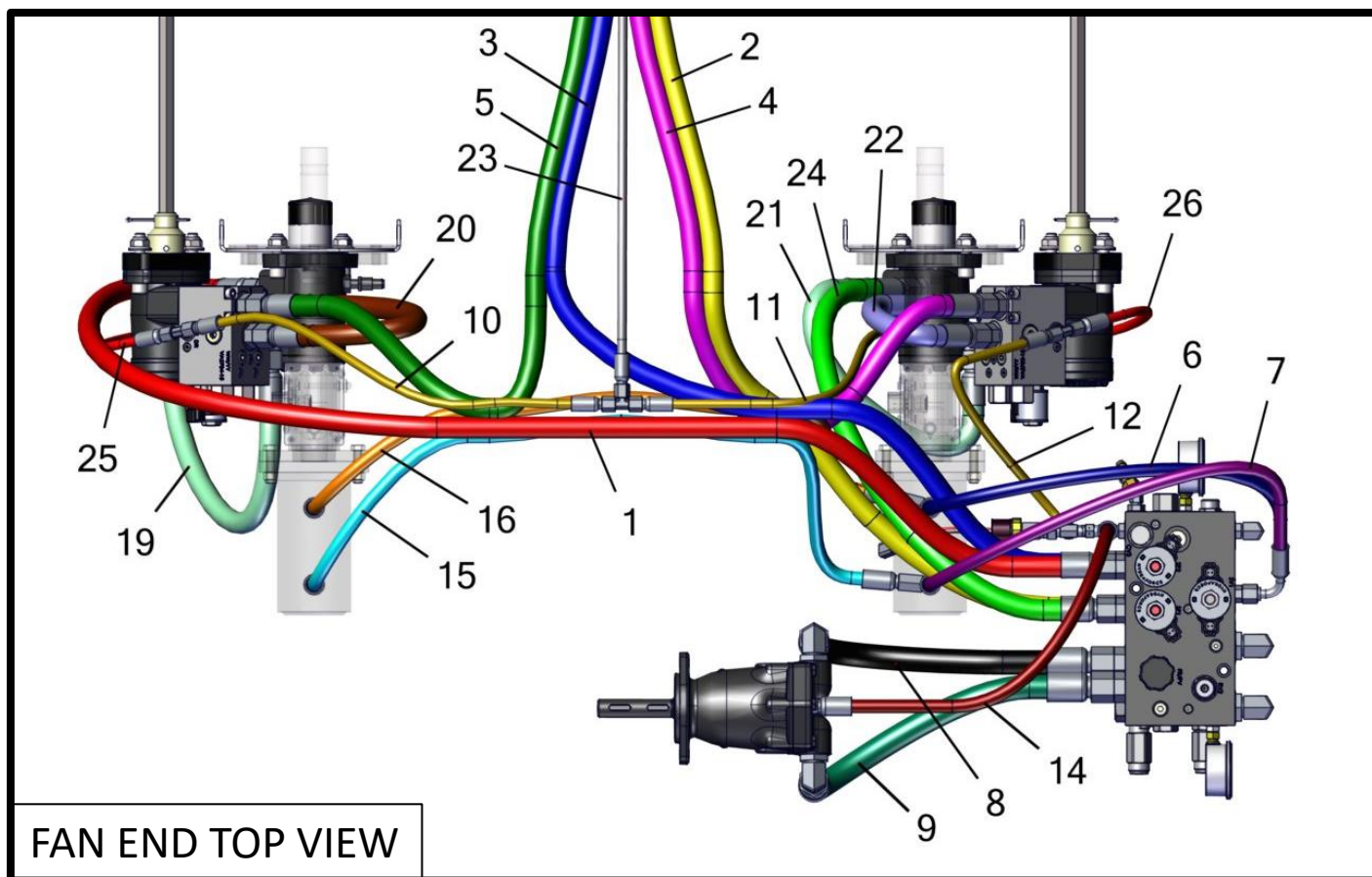
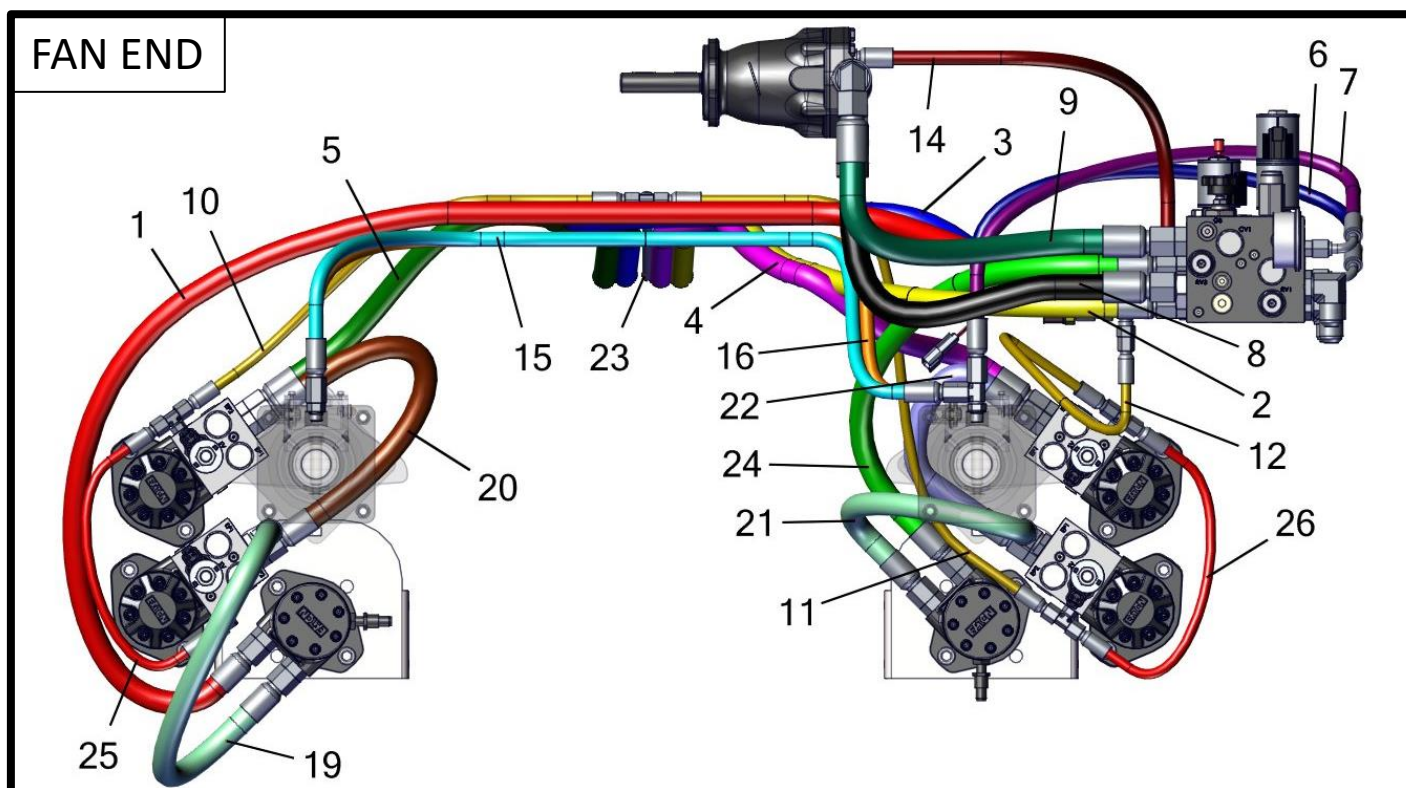
Front and Rear Center Tees (Three And Four Section)

Item No.	Qty.	Part Number	Description
1	2	P000922	Fitting - Hyd - 1&2&3=#4 M JIC Tee

Three Section Drive Shafts

Item No.	Qty.	Part Number	Description
1	2	M002039	Shaft - 5/8" Long Drive
2	6	M002152	Coupler - 1" Round w/ Keyway to 5/8" Hex Shaft
3	4	M002242	Shaft - 5/8" Short Drive
4	2	M002272	Plate - Gear Box Drive Shaft Cover Shield
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 - 1/8in x 1.75in (S/S)

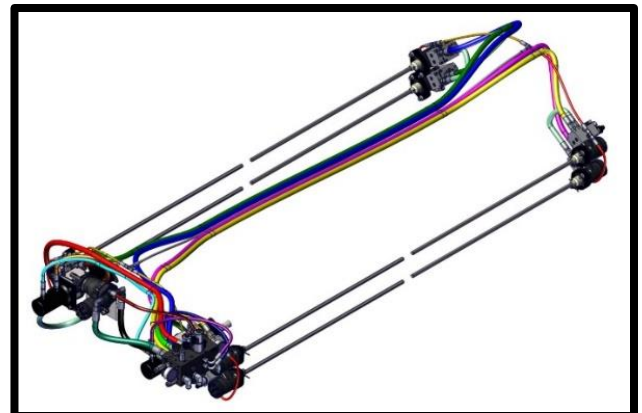
Hydraulics – Four Section Hoses (Fan End)



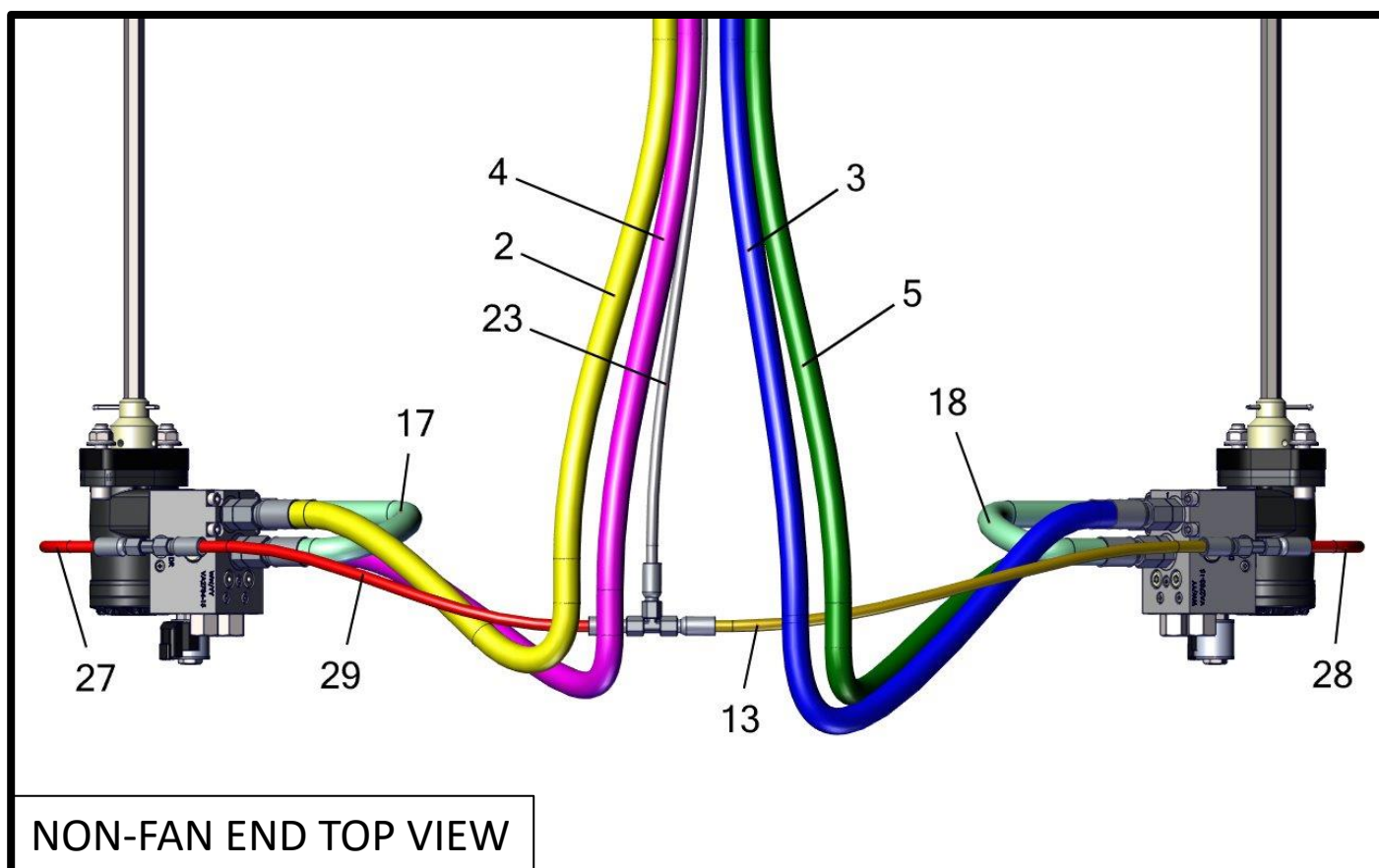
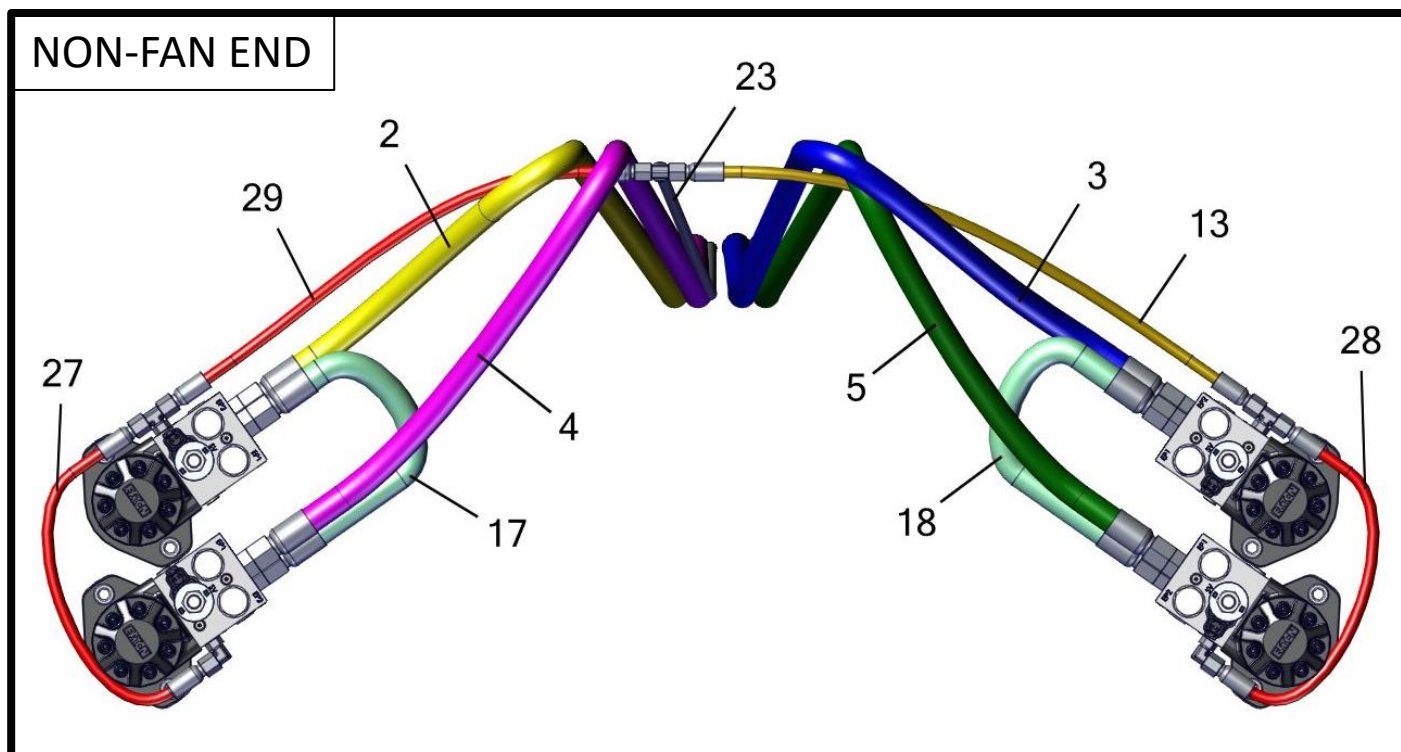
Hydraulics – Four Section Hoses (Fan End)

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	P000915 (D1)	Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)
3	1	P000915 (D2)	Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)
4	1	P000915	Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)
5	1	P000915	Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)
6	1	P000927 (E)	Hose - Hyd - 3/8" x 31" (#6 F JIC Elbow 90 x #6 F JIC)
7	1	P000927 (F)	Hose - Hyd - 3/8" x 31" (#6 F JIC Elbow 90 x #6 F JIC)
8	1	P002236 (A)	Hose - Hyd - 3/4" x 20" (#12 F JIC x #12 F JIC)
9	1	P002236 (B)	Hose - Hyd - 3/4" x 20" (#12 F JIC x #12 F JIC)
10	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
11	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
12	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
13	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
14	1	P002416 (CD)	Hose - Hyd - 3/8" x 23" (#6 M O-Ring x #6 F JIC)
		P002582	O-Ring - #6 Buna (4000-06)
15	1	P002418	Hose - Hyd - 3/8" x 41" (#6 F JIC x #6 F JIC)
16	1	P002418	Hose - Hyd - 3/8" x 41" (#6 F JIC x #6 F JIC)
17	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
18	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
19	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
20	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
21	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
22	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
23	1	P002420	Hose - Hyd - 1/4" x 110" (#4 F JIC x #4 F JIC)
24	1	P002422 (C1)	Hose - Hyd - 1/2" x 48" (#10 F JIC x #10 F JIC)
25	1	(R) P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
26	1	(R) P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
27	1	(R) P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
28	1	(R) P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
29	1	(R) P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)

Four Section Also Requires:
Hydraulic Block – pg. 104-105
Fan Motor/ Speed Sensor – pg. 108-109
Fan-End Motors – pg. 114-117
Slide Gate Cylinders – pg. 122-123
Center Tees – pg. 132-133

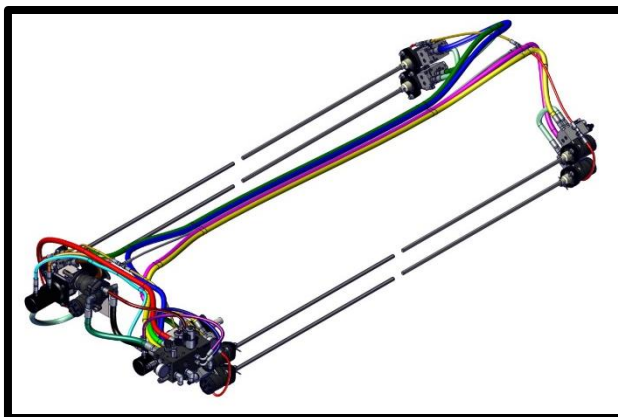


Hydraulics – Four Section Hoses (Non-Fan End)



Hydraulics – Four 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	P000915 (D1)	Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)
3	1	P000915 (D2)	Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)
4	1	P000915	Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)
5	1	P000915	Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)
6	1	P000927 (E)	Hose - Hyd - 3/8" x 31" (#6 F JIC Elbow 90 x #6 F JIC)
7	1	P000927 (F)	Hose - Hyd - 3/8" x 31" (#6 F JIC Elbow 90 x #6 F JIC)
8	1	P002236 (A)	Hose - Hyd - 3/4" x 20" (#12 F JIC x #12 F JIC)
9	1	P002236 (B)	Hose - Hyd - 3/4" x 20" (#12 F JIC x #12 F JIC)
10	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
11	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
12	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
13	1	P002412	Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)
14	1	P002416 (CD)	Hose - Hyd - 3/8" x 23" (#6 M O-Ring x #6 F JIC)
		P002582	O-Ring - #6 Buna (4000-06)
15	1	P002418	Hose - Hyd - 3/8" x 41" (#6 F JIC x #6 F JIC)
16	1	P002418	Hose - Hyd - 3/8" x 41" (#6 F JIC x #6 F JIC)
17	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
18	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
19	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
20	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
21	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
22	1	P002419	Hose - Hyd - 1/2" X 25" (#10 F JIC X #10 F JIC)
23	1	P002420	Hose - Hyd - 1/4" x 110" (#4 F JIC x #4 F JIC)
24	1	P002422 (C1)	Hose - Hyd - 1/2" x 48" (#10 F JIC x #10 F JIC)
25	1	(R) P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
26	1	(R) P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
27	1	(R) P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
28	1	(R) P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)
29	1	(R) P002670	Hose - Hyd - 1/4" x 20" (#4 F JIC x #4 F JIC)



This diagram illustrates the exploded view of the Eaton 1000 Series hydraulic pump assembly. The components are labeled with numbers 1 through 8:

- 1**: Motor housing (top view)
- 2**: EP1/EP2 ports (top view)
- 3**: Motor housing (bottom view)
- 4**: Motor housing (bottom view)
- 5**: EP1/EP2 ports (bottom view)
- 6**: EP1/EP2 ports (bottom view)
- 7**: Motor housing (bottom view)
- 8**: Motor housing (bottom view)

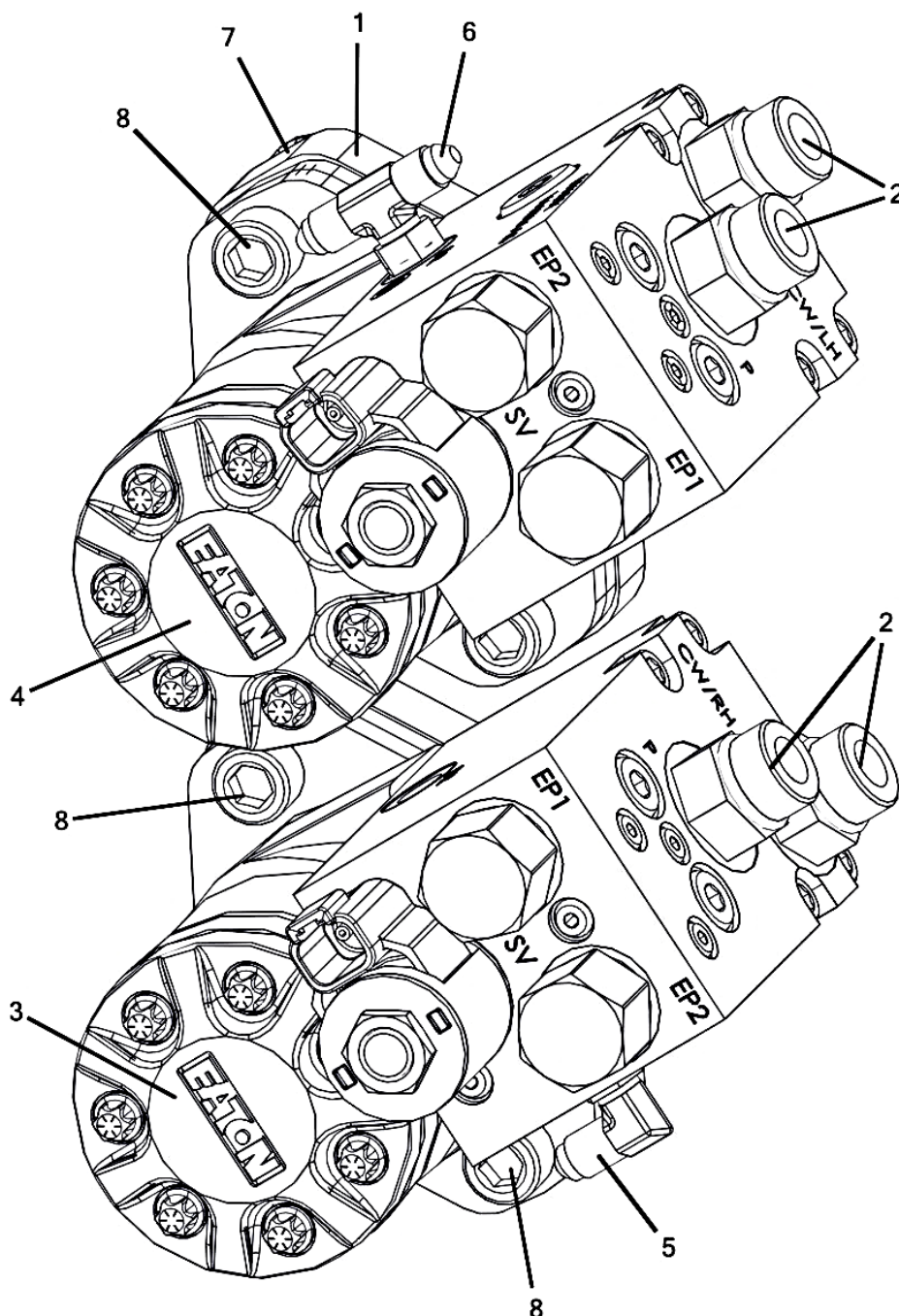
Four Section Rear Drive Motors – Tank 2 (Non-Fan End)

Item 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	1	P000917	Fitting - Hyd - #4 M O-Ring x #4 M JIC Elbow 90
		P002581	O-Ring - #4 Buna (4000-04)
6	1	P000918	Fitting - Hyd - 1&3=#4 M JIC, 2=#4 M O-Ring Tee
		P002581	O-Ring - #4 Buna (4000-04)
7	4	P002226	Nut - 1/2-13 Flange Nylon Lock (18-8 S/S FB)
8	4	P002235	Bolt - 1/2-13 x 2.25 x 1.25 Socket Head (F593 304 S/S FB)

***See Pg. 118-119 for P000881 Breakdown**

****See Pg. 120-121 for P000882 Breakdown**

Rear Drive Motor – Tank 1 (Non-Fan End)



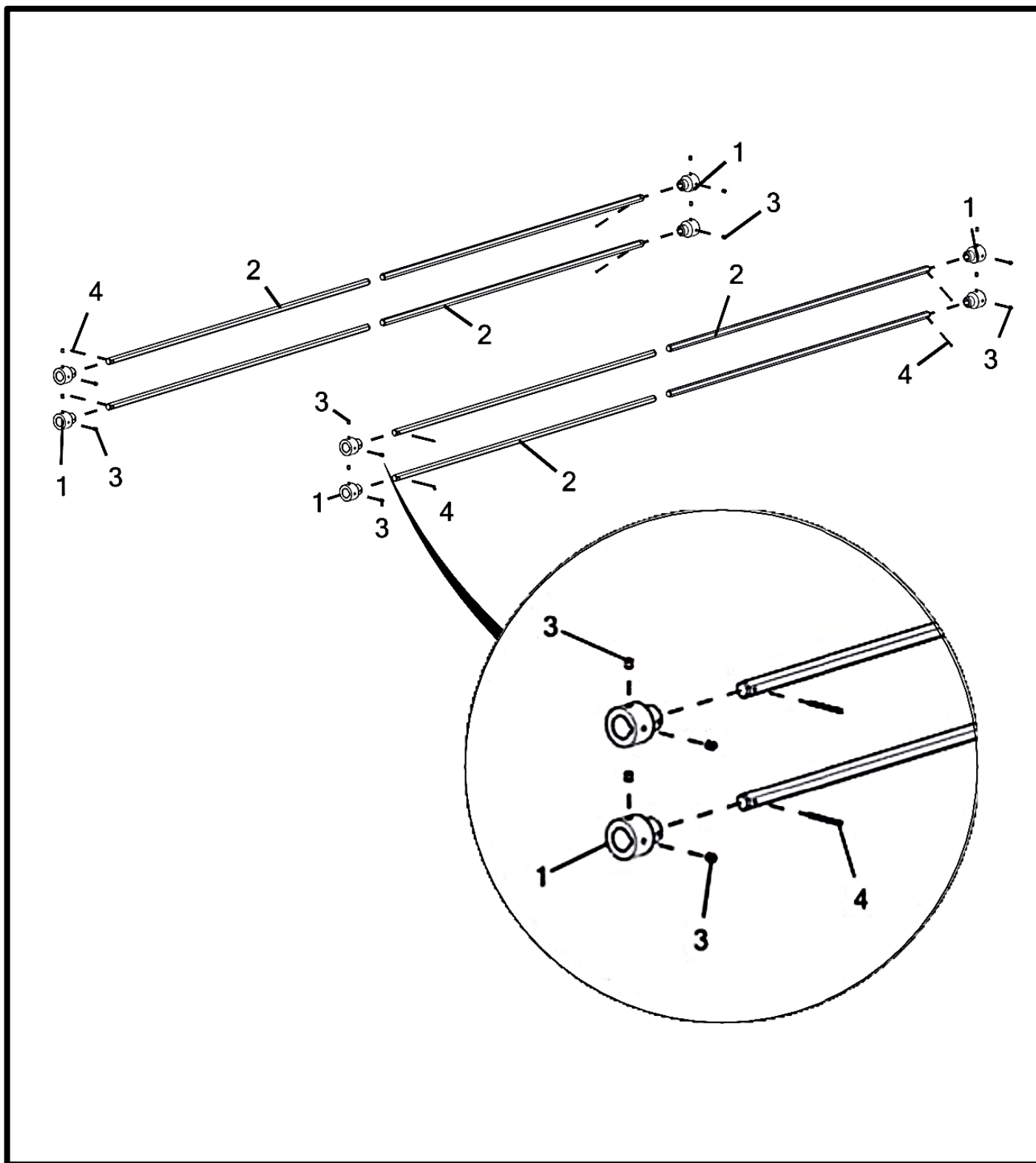
Rear Drive Motor – Tank 1 (Non-Fan End)

Item 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	1	P000917	Fitting - Hyd - #4 M O-Ring x #4 M JIC Elbow 90
		P002581	O-Ring - #4 Buna (4000-04)
6	1	P000918	Fitting - Hyd - 1&3=#4 M JIC, 2=#4 M O-Ring Tee
		P002581	O-Ring - #4 Buna (4000-04)
7	4	P002226	Nut - 1/2-13 Flange Nylon Lock (18-8 S/S FB)
8	4	P002235	Bolt - 1/2-13 x 2.25 x 1.25 Socket Head (F593 304 S/S FB)

***See Pg. 118-119 for P000881 Breakdown**

****See Pg. 120-121 for P000882 Breakdown**

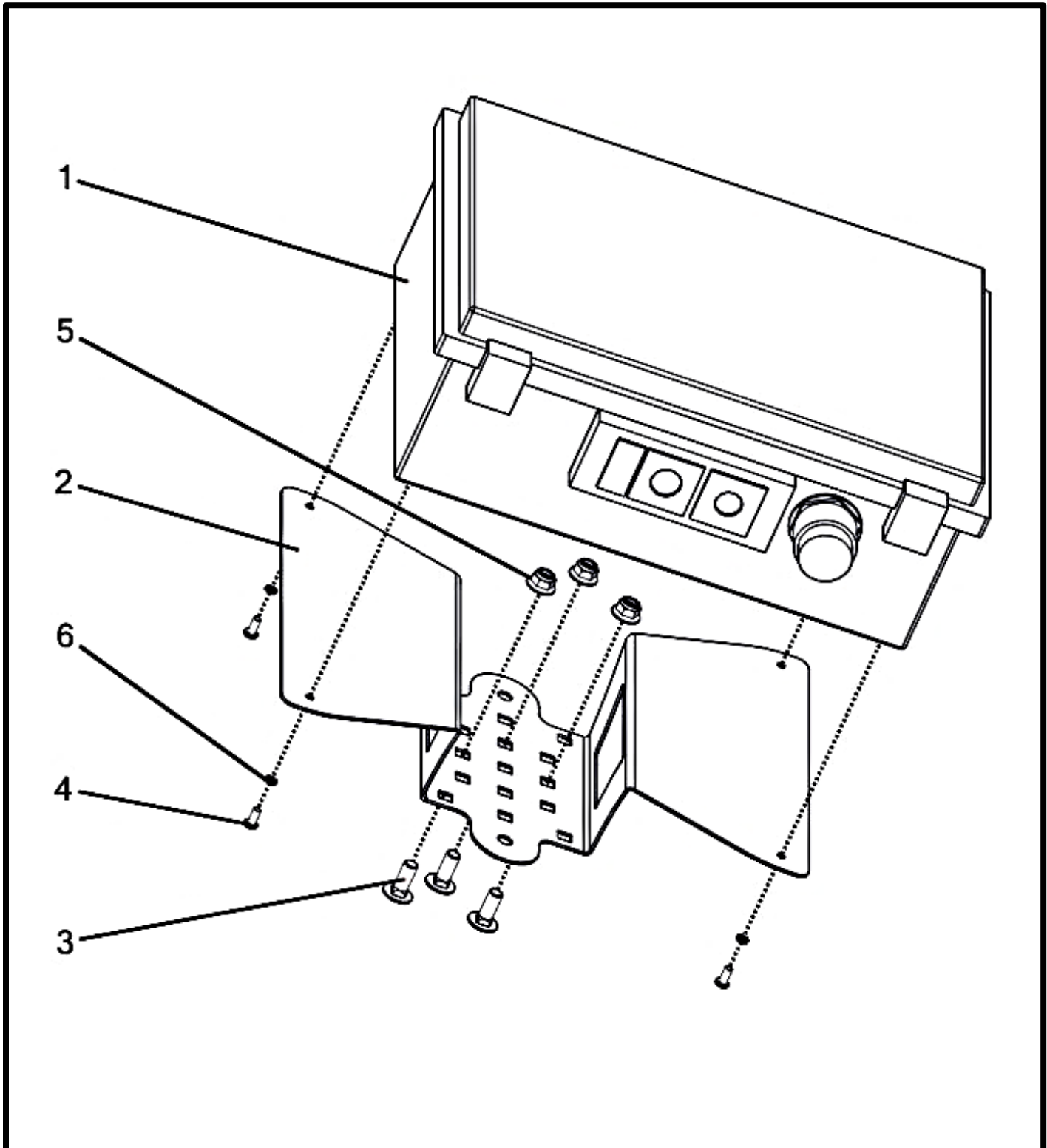
Four Section Drive Shafts



Four 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)

ECU - Mount and Enclosure



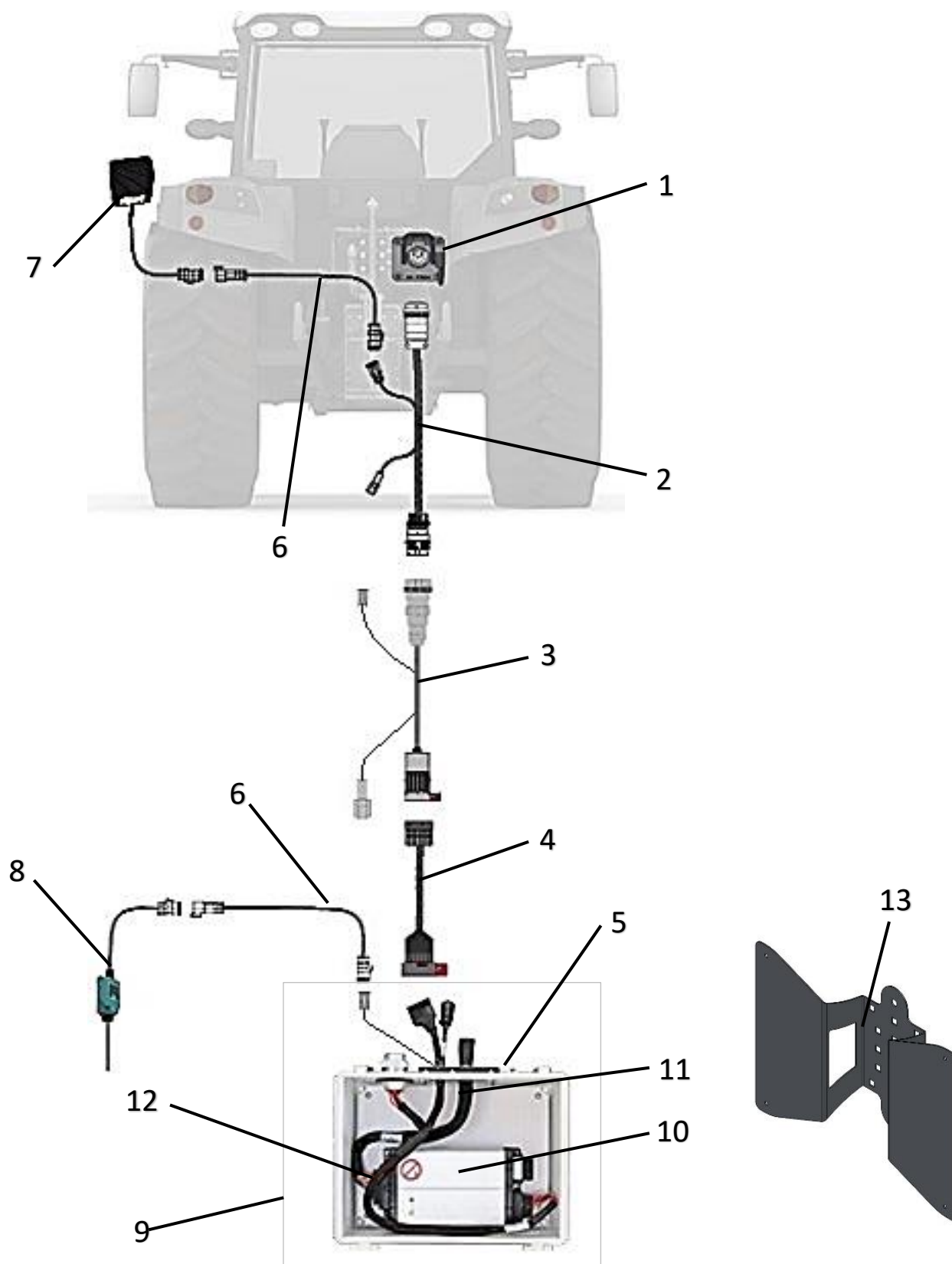
ECU - Mount and Enclosure

Item No.	Qty.	Part Number	Description
		A002211__	ECU - Mount and Enclosure Sub-Assembly Gen II
1	1	K002009	Kit - Montag Dry Rate Controller Base (ME0914001)
2	1	M002748__	Mount - Bolt-On Controller ECU (Gen I, Gen II, Mini)
3	3	P000504	Bolt - 3/8-16 x 1 x 1 Carriage (GR 5 M/S FA) *
4	4	P002156	Screw - M5-8 x 12mm Pan Head (91200A154) †
5	3	P002205	Nut - 3/8-16 Flange Nylon Lock (GR 5 M/S FA) *
6	4	P002389	Washer - #10 Split Lock (0.334" OD) (18-8 S/S FB) *
7	1	P002334	Harness - ISOBUS to ECU Cable (28') (ME0502001-28) (Not Shown)

(*) Included In K002056 - Kit - ECU Mount Hardware Gen II

(†) Included In **A002211__** - **ECU - Mount and Enclosure Sub-Assembly Gen II**

Montag Dry Rate Controller Harness

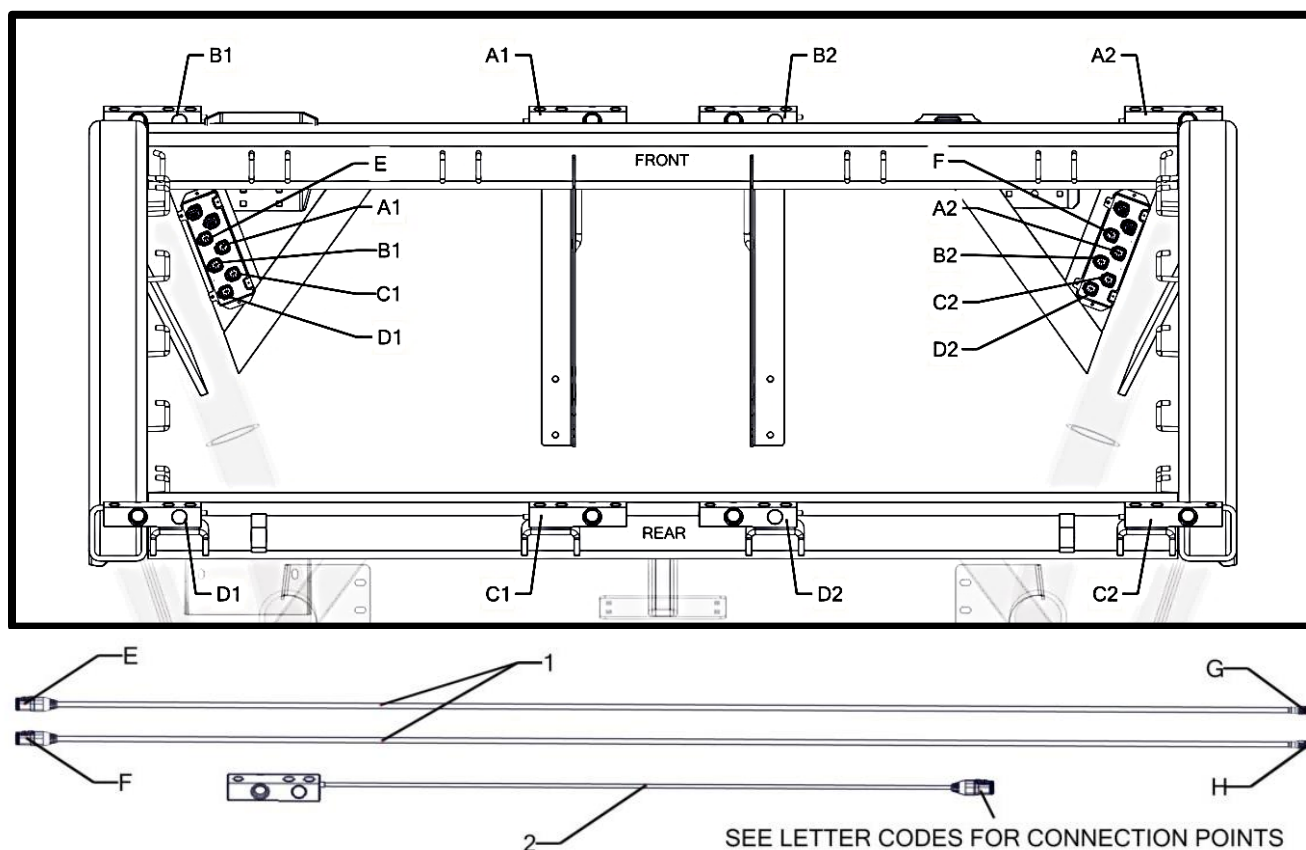


Montag Dry Rate Controller Harness

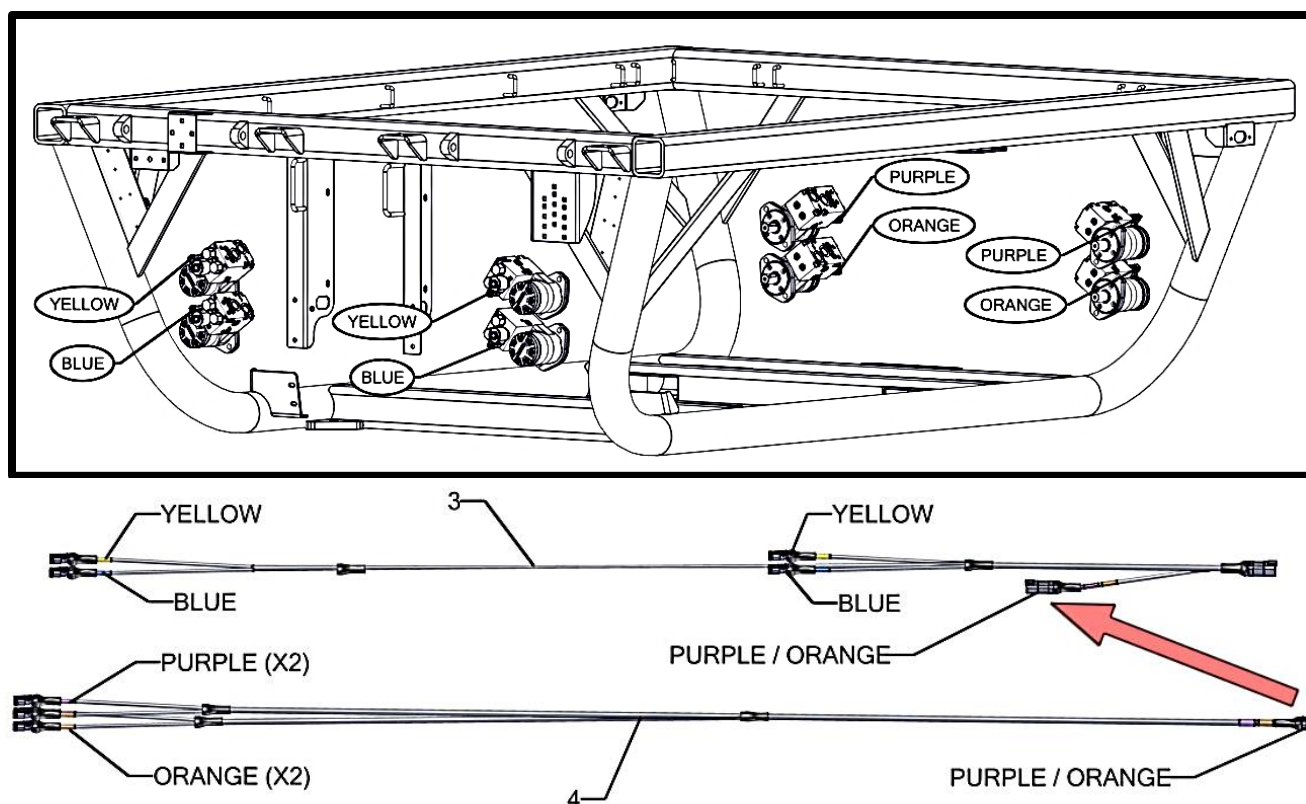
ITEM NO.	Description	P/N	Montag P/N
1	Tractor ISO Connection		
2	Harness - ISOBUS To ISOBUS Cable Extension (13')	ME0502040-13	P002423
	Harness - ISOBUS To ISOBUS Cable Extension (28')	ME0502040-28	P002424
	Harness - ISOBUS To ISOBUS Cable Extension (43')	ME0502040-43	P002425
3	Harness - ISOBUS to ECU 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	Enclosure - 2 ECU	ME8214000	P002339
6	Harness - Foot Pedal Master Switch Extension (15')	ME052001	P002341
7	Switch - Remote Foot Pedal Master	ME052000	P002340
8	Sensor - Implement Height Switch	ME052003	P002391
9	Kit - Montag Dry Rate Controller (w/Mount)		A002211__
	Kit - Montag Dry Rate Controller (Less Mount)		K002009
10	ECU - Montag Dry Rate Controller	ME0814000	P002335
11	Harness - Montag Dry RC (Gen II - 2 Bin)	ME0514006	P002337
12	Harness - ISO Tee (ECU, Digi-Star/Tractor 16 Pin, ISO Plug)	ME0502039	P002406
13	Mount - Bolt-On Controller ECU (Gen I, Gen II, Mini) (Requires K002056)		M002748__



LOAD CELL CONNECTIONS

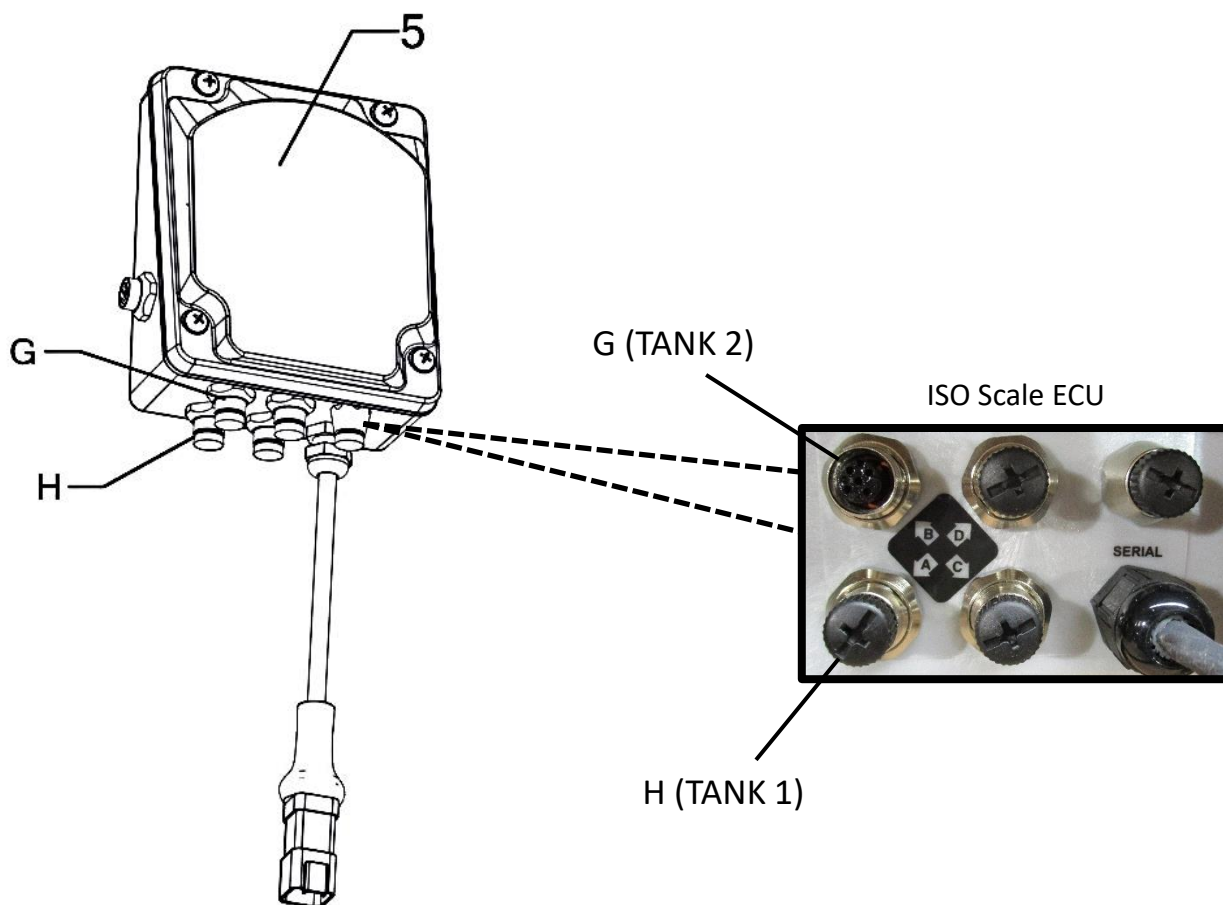


SECTION CONTROL MOTOR CONNECTIONS

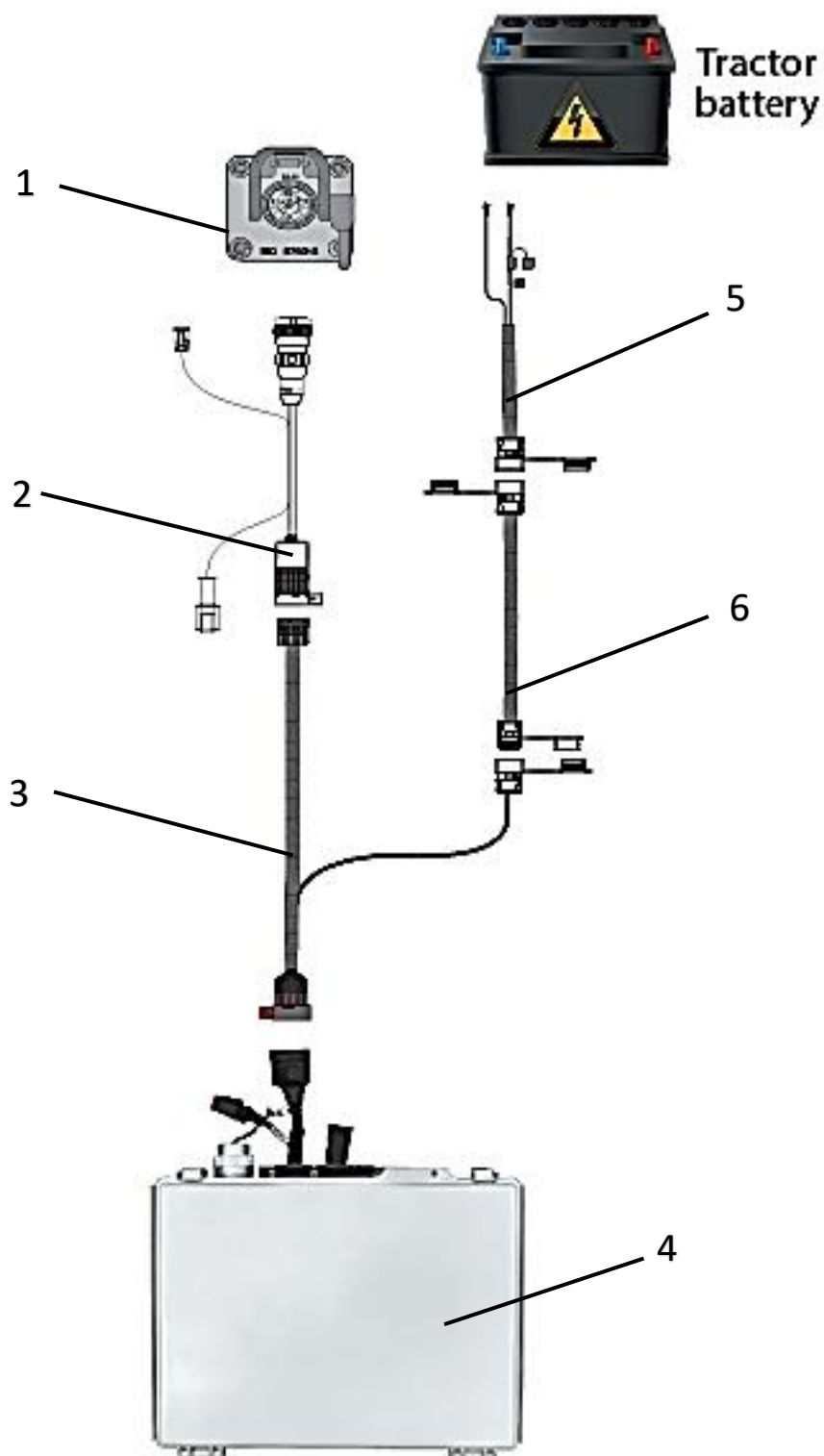


LOAD CELL AND SECTION CONTROL MOTOR CONNECTIONS

Item 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 II Section 2 Single Poppet Valve Control
4	1	P002099	Harness - Gen II-C Sections 3 & 4 Single Poppet Valve Control
5	1	P002279	Node - Scale Link 2 140 Digi-Star ISO



Montag HC Power Harness Installation

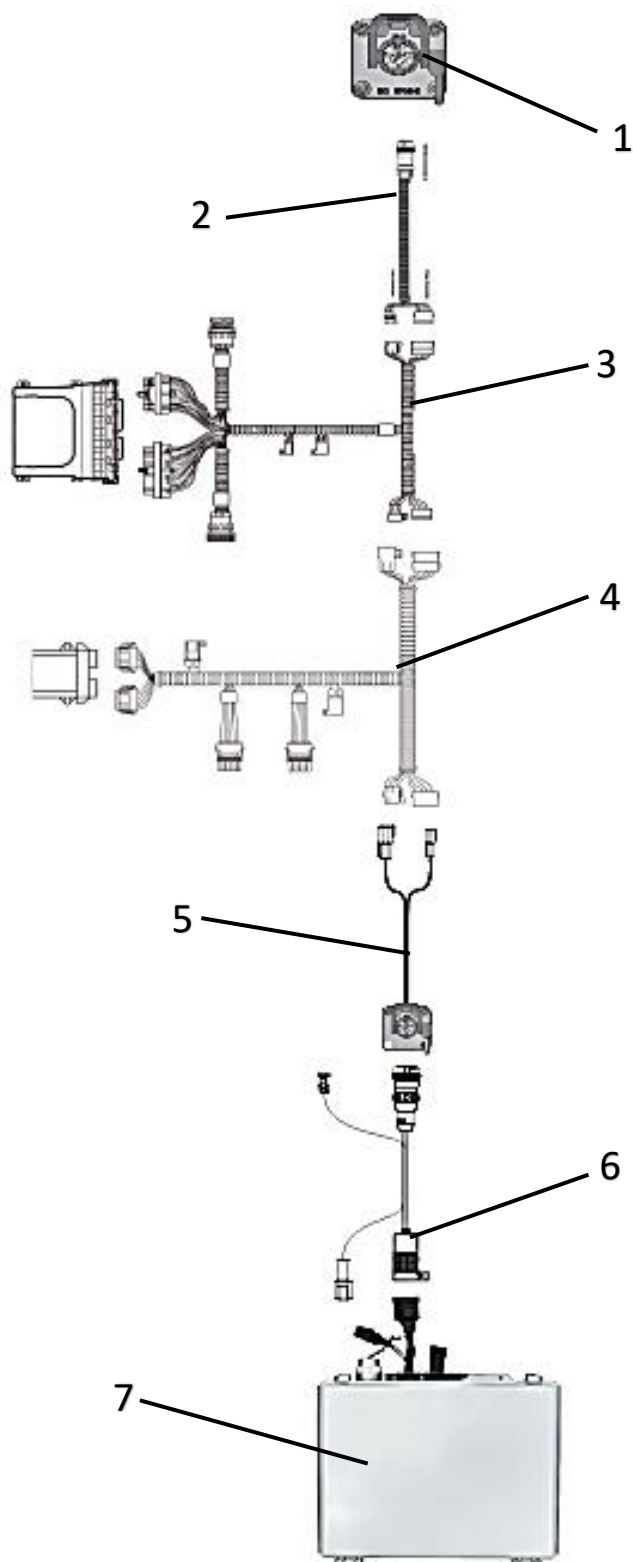


Montag HC Power Harness Installation

ITEM NO.	Description	P/N	Montag P/N
1	Tractor ISO Connection		
2	Harness - ISOBUS to ECU Cable (3')	ME0502001-03	P002702
	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
3	Harness - RC High Current Injector Tee *	ME0502048	P002439 *
4	Montag Controller		
5	Harness - RC High Current Battery Connection *	ME0514007	P002437 *
6	Harness - RC High Current 30' Extension *	ME0514008	P002438 *

(*) Included In K002073 - Kit - High Current Power Injection Harness (30')

DICKEY-john Harness Installation - IBBC Connector

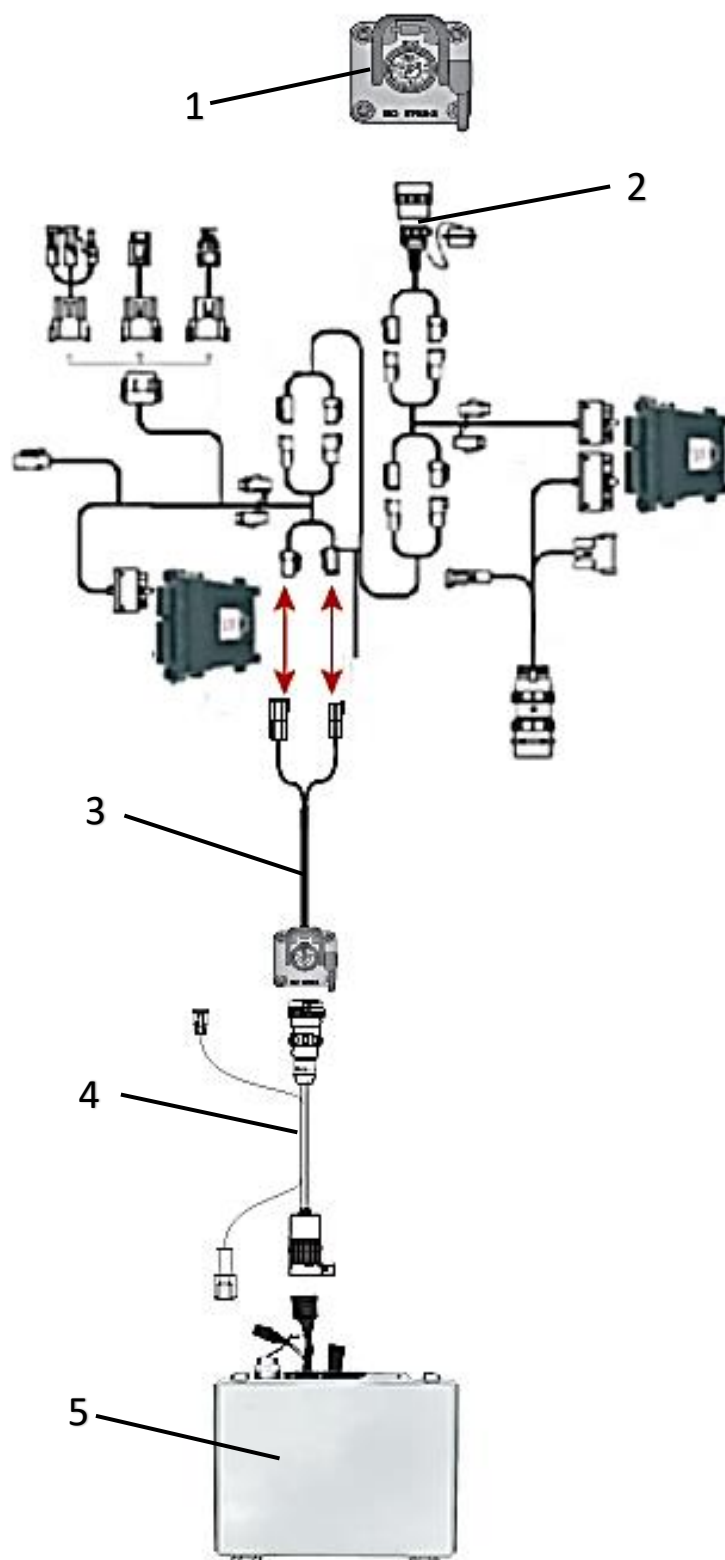


DICKEY-john Harness Installation - IBBC Connector

ITEM NO.	Description	P/N	Montag P/N
1	Tractor ISO Connection		
2	Customer Supplied Harness		
3	Customer Supplied Harness		
4	Customer Supplied Harness		
5	Kit - DICKY-john Planter to IBBC ISO Harness (w/Mount) *		K002064 *
	Harness - IBBC ISO - DICKY-john (Harness Only)	ME0502047	P002441
6	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
7	Montag Controller		

*** See Page 162-163 For Mount Parts Breakdown**

Field-IQ Harness Installation - IBBC Connector

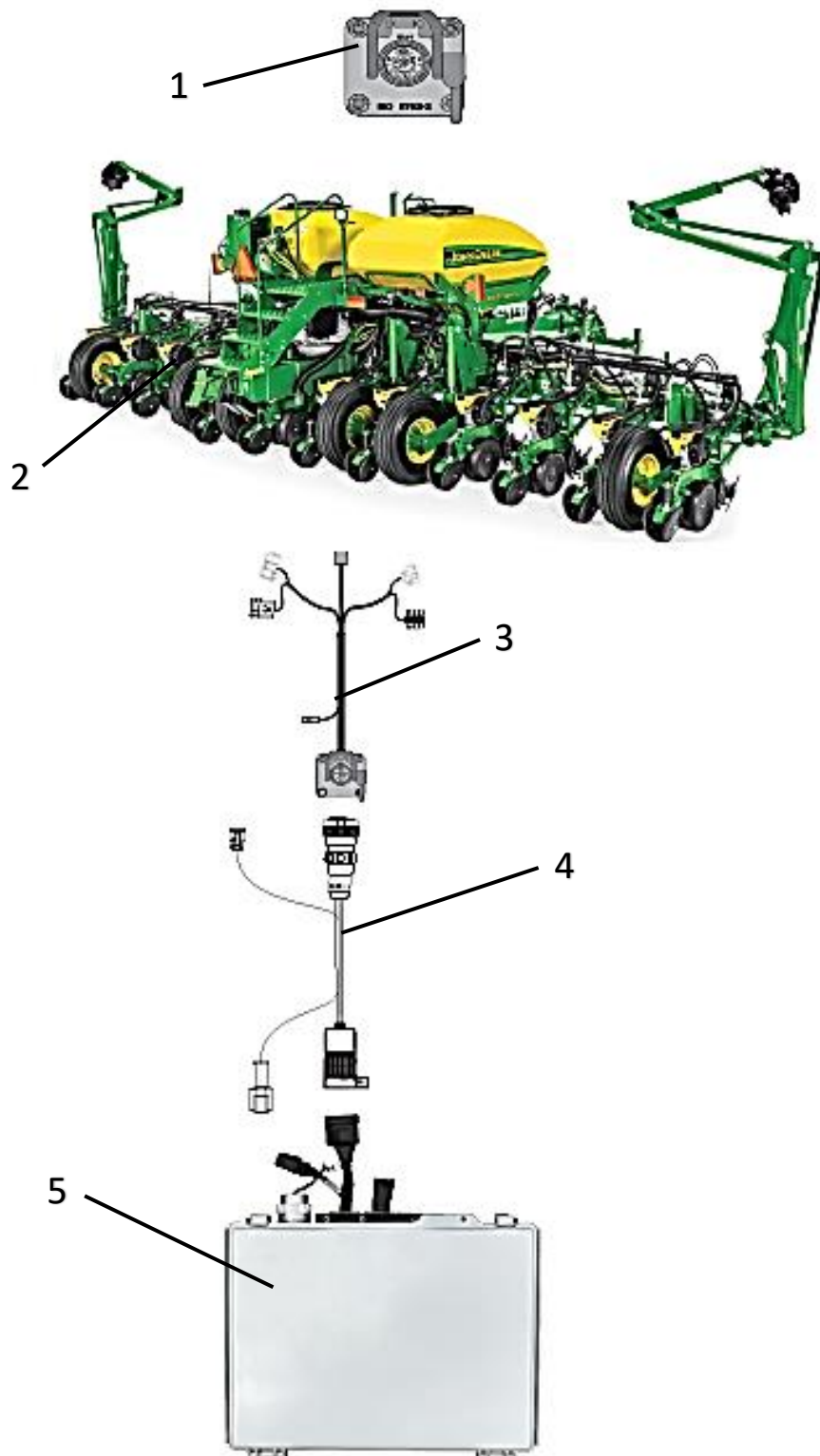


Field-IQ Harness Installation - IBBC Connector

ITEM NO.	Description	P/N	Montag P/N
1	Tractor ISO Connection		
2	Field-IQ Harnessing		
3	Kit - Field IQ (Trimble) Planter to IBBC ISO Harness (w/Mount) *		K002069 *
	Harness - IBBC ISO - Field IQ (Trimble) (Harness Only)	ME0502044	P002442
4	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
5	Montag Controller		

*** See Page 162-163 For Mount Parts Breakdown**

John Deere Harness Installation - IBBC Connector*



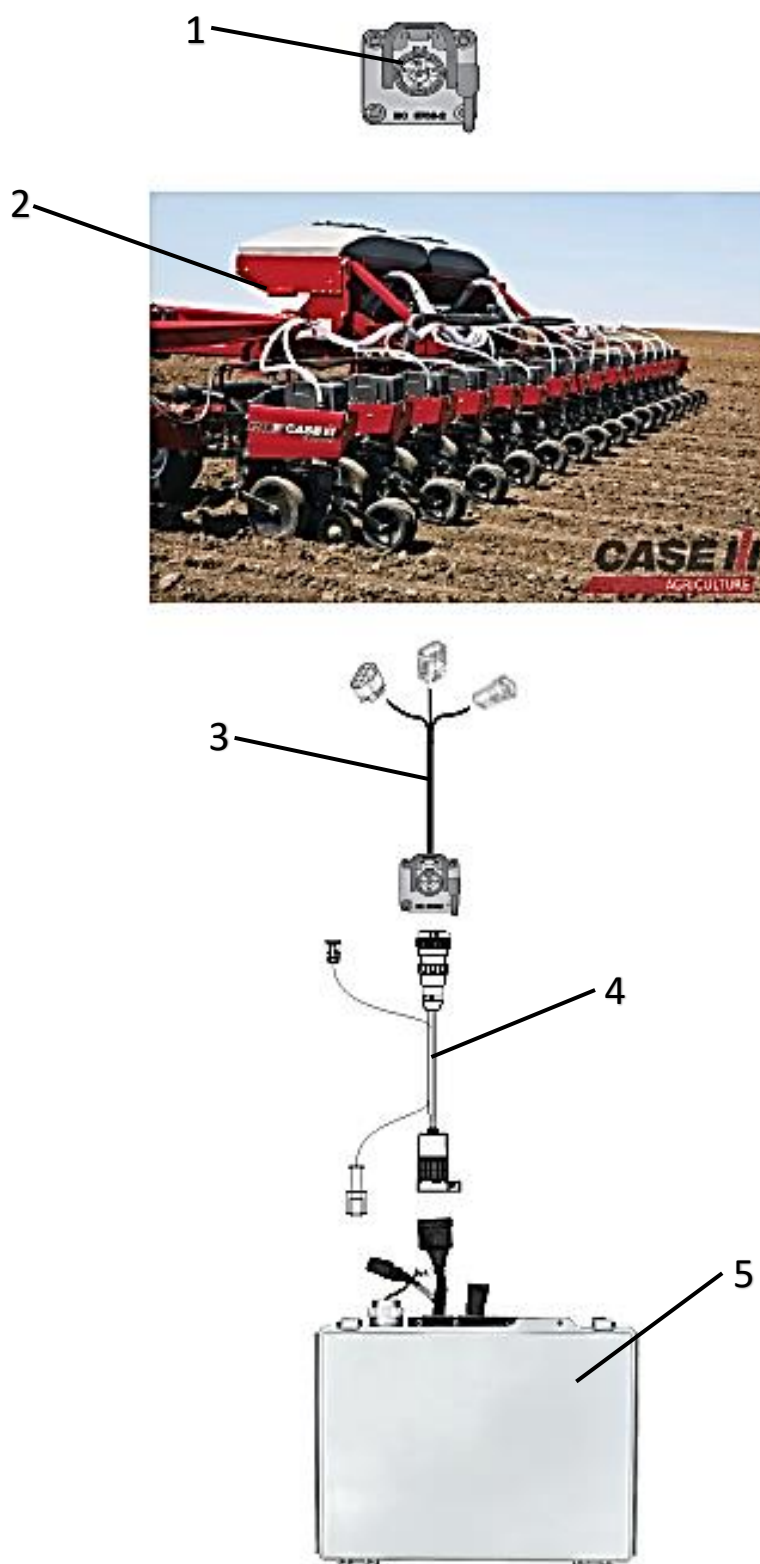
*Note: **Task Control functions** are not supported when Montag Rate Controller is used on a JD ISO planter w/ a JD 2630 or JD Gen 46XX monitor.

John Deere Harness Installation - IBBC Connector

ITEM NO.	Description	P/N	Montag P/N
1	Tractor ISO Connection		
2	Customer Supplied Harness		
3	John Deere IBBC Harness Kit (w/Mount) †		K002070 †
	Harness - IBBC ISO - John Deere (Less Harness)	ME0502045	P002443
4	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
5	Montag Controller		

† See Page 162-163 For Mount Parts Breakdown

CIH 1200 Harness Installation - IBBC Connector

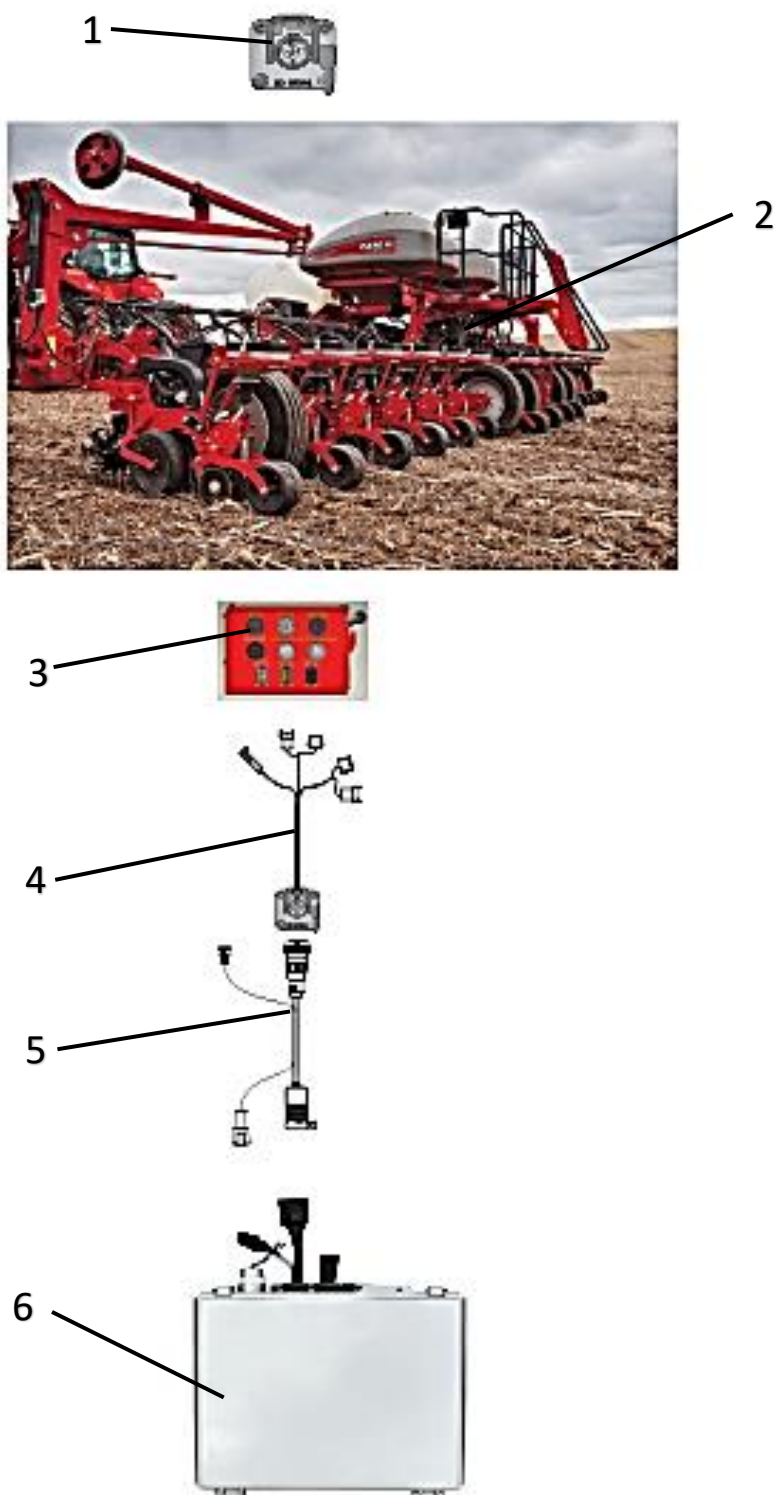


CIH 1200 Harness Installation - IBBC Connector

ITEM NO.	Description	P/N	Montag P/N
1	Tractor ISO Connection		
2	CIH 1200 Planter Harnessing		
3	CIH 1200 IBBC Harness Kit (w/Mount) *		K002071 *
	Harness - IBBC ISO - CIH 1200 (Less Mount)	ME0515008	P002444
4	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
5	Montag Controller		

*** See Page 162-163 For Mount Parts Breakdown**

CIH 2100 Harness Installation - IBBC Connector

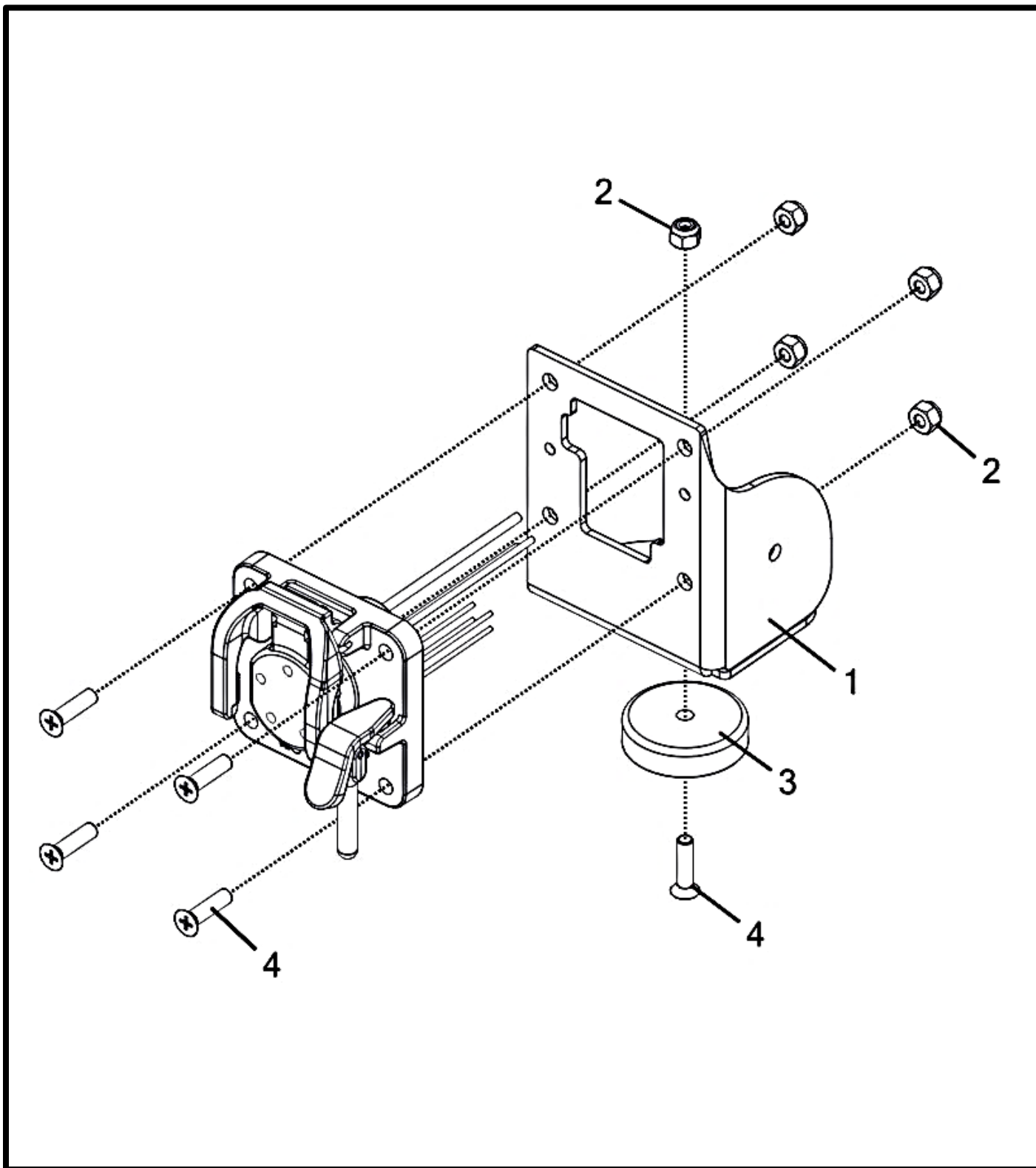


CIH 2100 Harness Installation - IBBC Connector

ITEM NO.	Description	P/N	Montag P/N
1	Tractor ISO Connection		
2	CIH 2100 Planter Harnessing		
3	Hydraulic Connection		
4	CIH 2100 IBBC Harness Kit (w/Mount) *		K002072 *
	Harness - IBBC ISO - CIH 2100 (Less Mount)	ME0515009	P002445
5	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
6	Montag ECU Enclosure		

*** See Page 162-163 For Mount Parts Breakdown**

Planter To IBBC ISO Harness Mount



Planter To IBBC ISO Harness Mount

ITEM NO.	Qty	Part Number	Description
1	1	M002807__	Bracket - Magnetic IBBC ISO Harness Mount
2	5	P000103	Nut - 1/4-20 Hex Nylon Lock (F594 316 S/S FB)
3	1	P002467	Magnet - 2" X 200 Lbs. (Cup 51)
4	5	P002469	Screw - 1/4-20 x 1 Machine Flat Head Phillips (18-8 S/S FB)

Diagram illustrating the connection of a 24VDC power supply (1) to a cable assembly (2). The power supply is connected to the cable, which has two connectors. Red arrows indicate the connection points for the cable's connectors.

Miscellaneous Components Kit

Item No.	Qty	Part Number	Description
		K002141	Kit - Gen II Complete Misc.
1	1	P000428	Scale - Fertilizer Density (Montag Logo)
2	4	P002009	Retaining Clip - 3/8" x 5/16" x 1" *
3	36	P002033	Coupler - 7/8" to 7/16" Shear Hex *
4	4	P002215	Retainer - 3/8" E-Clip *
5	1	K002017	Kit - Gen II Shear Coupler Starter Pack

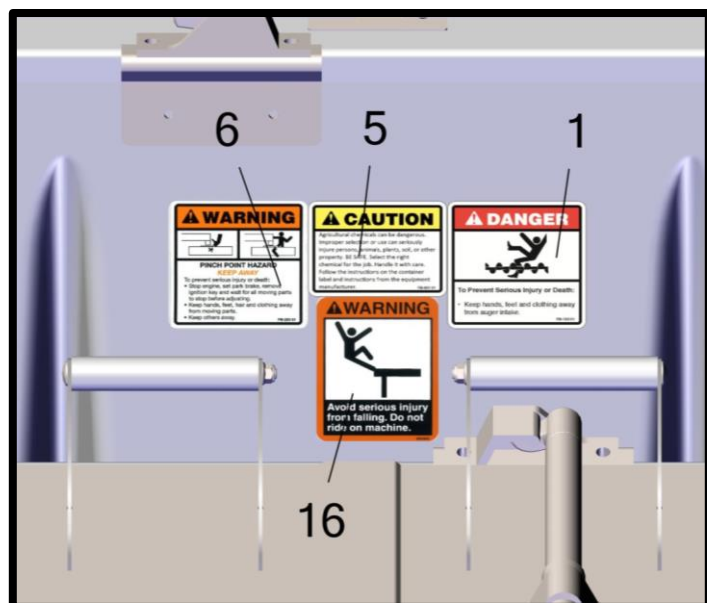
(*) Included In K002017 - Kit - Gen II Shear Coupler Starter Pack

Kit - ECU Diagnostic ISOBUS Download (ME0901000)

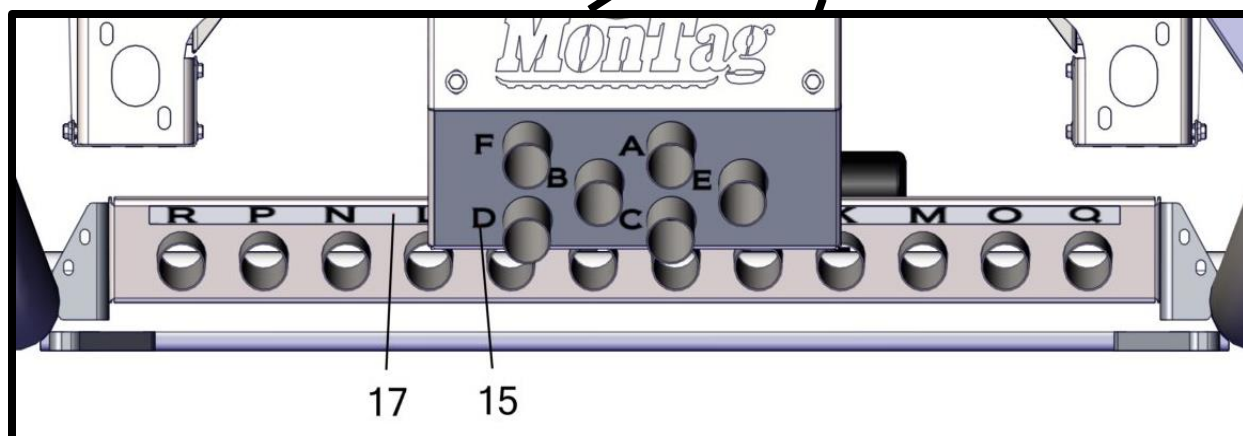
Item No.	Qty	Part Number	Description
		K002012*	Kit - ECU Diagnostic ISOBUS Download (ME0901000)
1	1	P002352	Kit - ECU Download Tool (ME3032259206)
2	1	P002354	Harness - ECU IBIC ISO Download Tee (ME0501005)

(*) Software available from Montag support

DECALS



(ONE SET ON EACH TANK)

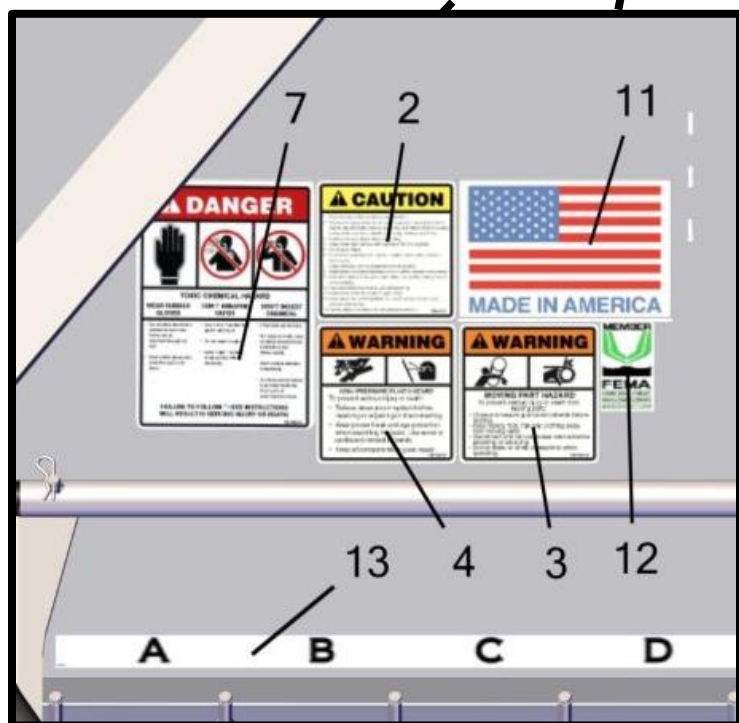
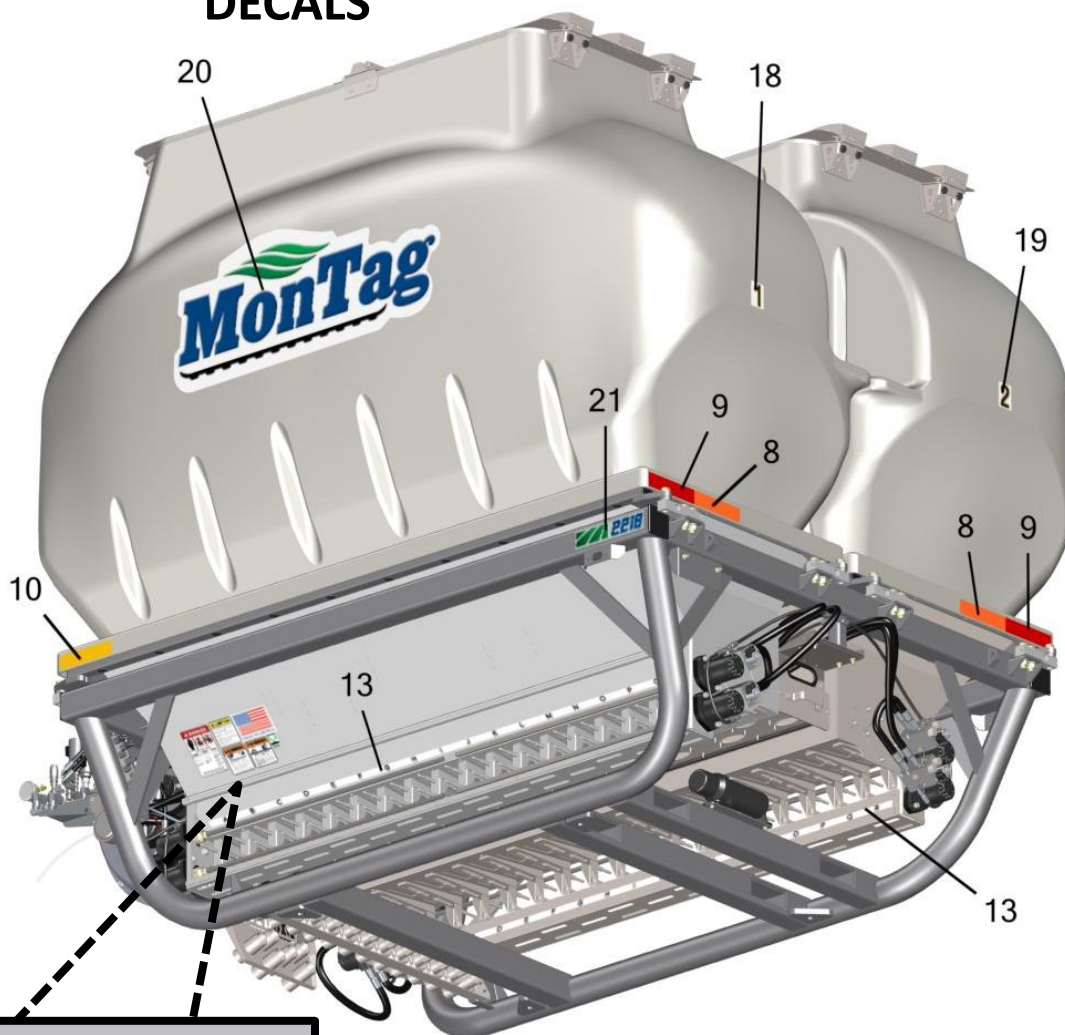


DECALS

Item No.	Qty	Part Number	Description
1	2	P000188	Decal - Auger Danger
2	1	P000190	Decal - Read the Manual
3	2	P000191	Decal - Moving Parts Danger
4	1	P000192	Decal - High Pressure Danger
5	2	P000193	Decal - Ag Chemical Danger
6	2	P000194	Decal - Crushing Hazard
7	1	P000195	Decal - Chemical Hazard
8	2	P000197	Tape - Reflective Orange *
9	2	P000198	Tape - Reflective Red *
10	4	P000199	Tape - Reflective Yellow *
11	1	P000201	Decal - USA Flag
12	1	P000273	Decal - Fema
13	2	P000867	Decal - Tank Row Label (A-R)
14	2	P000868	Decal - Tank Row Label (R-A)
15	1	P000870	Decal - Front Manifold Label (A-F)
16	2	P001995	Decal - Do Not Ride (A91843)
17	1	P002248	Decal - Back Manifold Row Label (G-R) (GEN II)
18	2	P002361	Decal - Tank Number One
19	2	P002362	Decal - Tank Number Two
20	2	P002428	Decal - 2010 Logo (48" Long) Anti-Bubble
21	2	(R) P002958	Decal - 2218 Flowing Field Logo

(*) If applicable, location may vary

DECALS

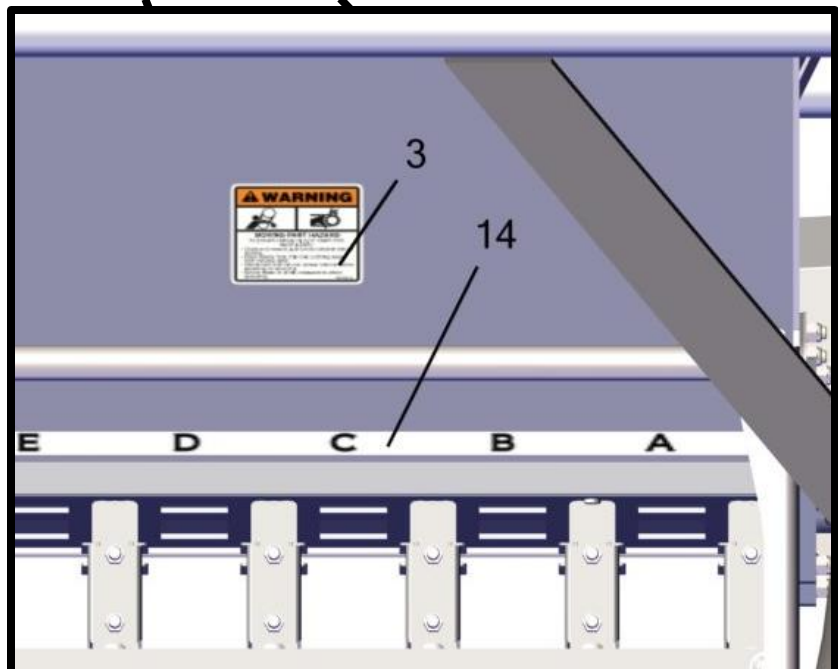
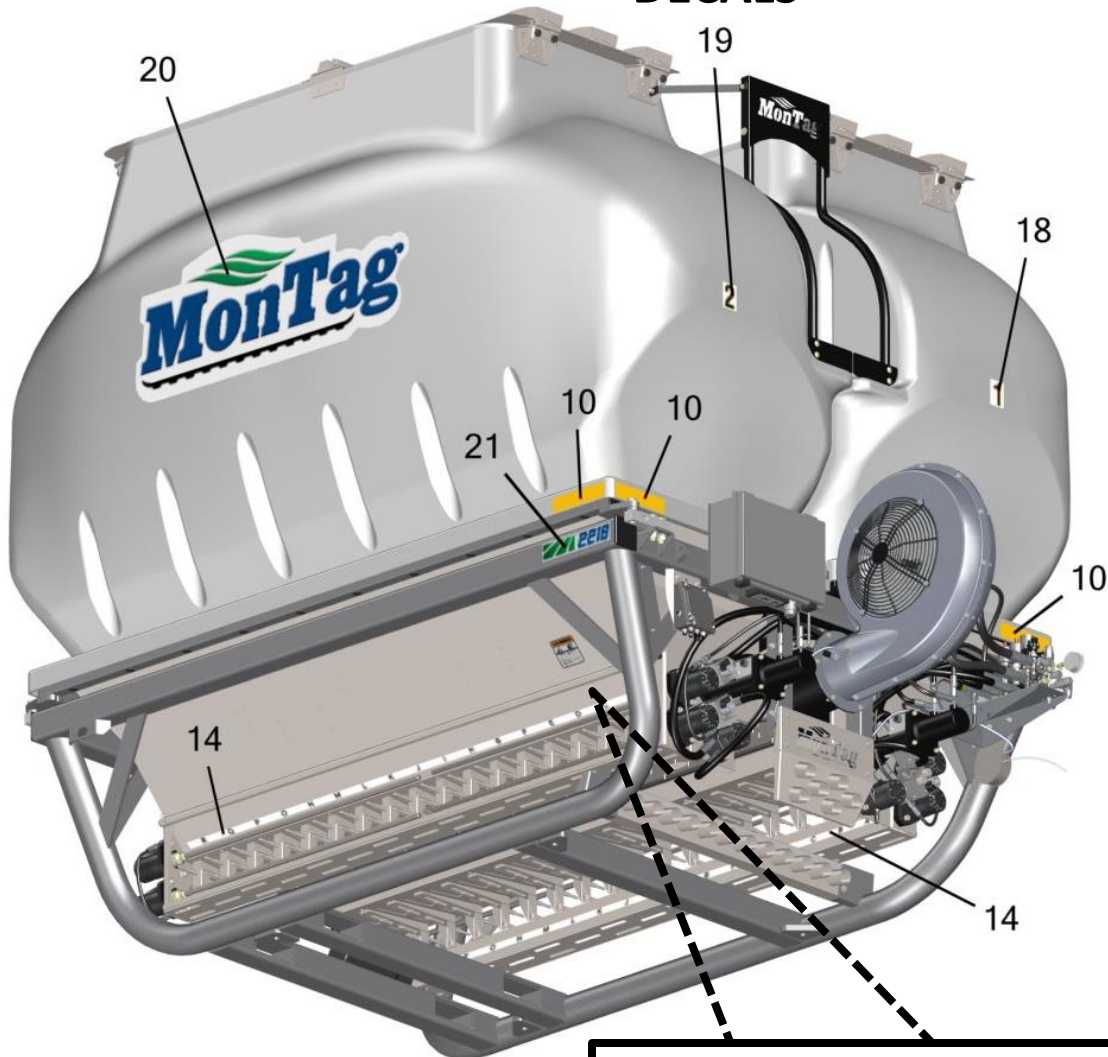


DECALS

Item No.	Qty	Part Number	Description
1	2	P000188	Decal - Auger Danger
2	1	P000190	Decal - Read the Manual
3	2	P000191	Decal - Moving Parts Danger
4	1	P000192	Decal - High Pressure Danger
5	2	P000193	Decal - Ag Chemical Danger
6	2	P000194	Decal - Crushing Hazard
7	1	P000195	Decal - Chemical Hazard
8	2	P000197	Tape - Reflective Orange *
9	2	P000198	Tape - Reflective Red *
10	4	P000199	Tape - Reflective Yellow *
11	1	P000201	Decal - USA Flag
12	1	P000273	Decal - Fema
13	2	P000867	Decal - Tank Row Label (A-R)
14	2	P000868	Decal - Tank Row Label (R-A)
15	1	P000870	Decal - Front Manifold Label (A-F)
16	2	P001995	Decal - Do Not Ride (A91843)
17	1	P002248	Decal - Back Manifold Row Label (G-R) (GEN II)
18	2	P002361	Decal - Tank Number One
19	2	P002362	Decal - Tank Number Two
20	2	P002428	Decal - 2010 Logo (48" Long) Anti-Bubble
21	2	(R) P002958	Decal - 2218 Flowing Field Logo

(*) If applicable, location may vary

DECALS



DECALS

Item No.	Qty	Part Number	Description
1	2	P000188	Decal - Auger Danger
2	1	P000190	Decal - Read the Manual
3	2	P000191	Decal - Moving Parts Danger
4	1	P000192	Decal - High Pressure Danger
5	2	P000193	Decal - Ag Chemical Danger
6	2	P000194	Decal - Crushing Hazard
7	1	P000195	Decal - Chemical Hazard
8	2	P000197	Tape - Reflective Orange *
9	2	P000198	Tape - Reflective Red *
10	4	P000199	Tape - Reflective Yellow *
11	1	P000201	Decal - USA Flag
12	1	P000273	Decal - Fema
13	2	P000867	Decal - Tank Row Label (A-R)
14	2	P000868	Decal - Tank Row Label (R-A)
15	1	P000870	Decal - Front Manifold Label (A-F)
16	2	P001995	Decal - Do Not Ride (A91843)
17	1	P002248	Decal - Back Manifold Row Label (G-R) (GEN II)
18	2	P002361	Decal - Tank Number One
19	2	P002362	Decal - Tank Number Two
20	2	P002428	Decal - 2010 Logo (48" Long) Anti-Bubble
21	2	(R) P002958	Decal - 2218 Flowing Field Logo

(*) If applicable, location may vary

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