



# MONTAG MFG. GEN II 2017

Serial Numbers 20639-20870

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.

#### Major changes for the 2023 model year include:

- Updated Platform.
- Misc. Other Changes.

| List Of Operations Manuals For Gen 2 |  |  |  |
|--------------------------------------|--|--|--|
| P003162                              | Document - Montag Mfg. Gen 2 Operators Manual          |  |  |
| P003071                              | Document - Montag DRC Operation Manual For 02.02.05.00 |  |  |
| P002957                              | Document - Montag DRC QR Guide For 2.02.02.00          |  |  |



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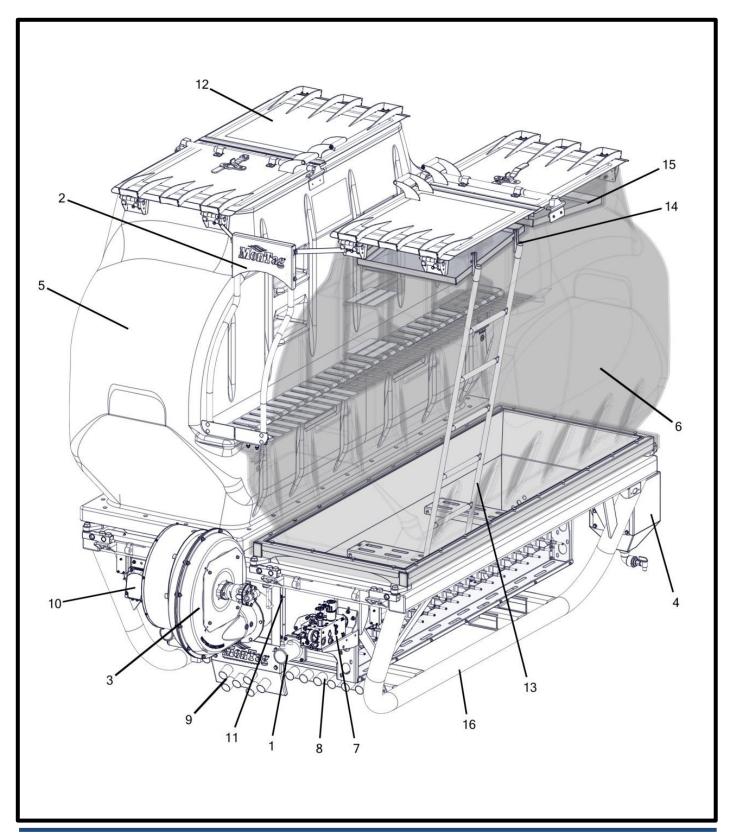
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#### **A002350 - Assemblies And Weldments**



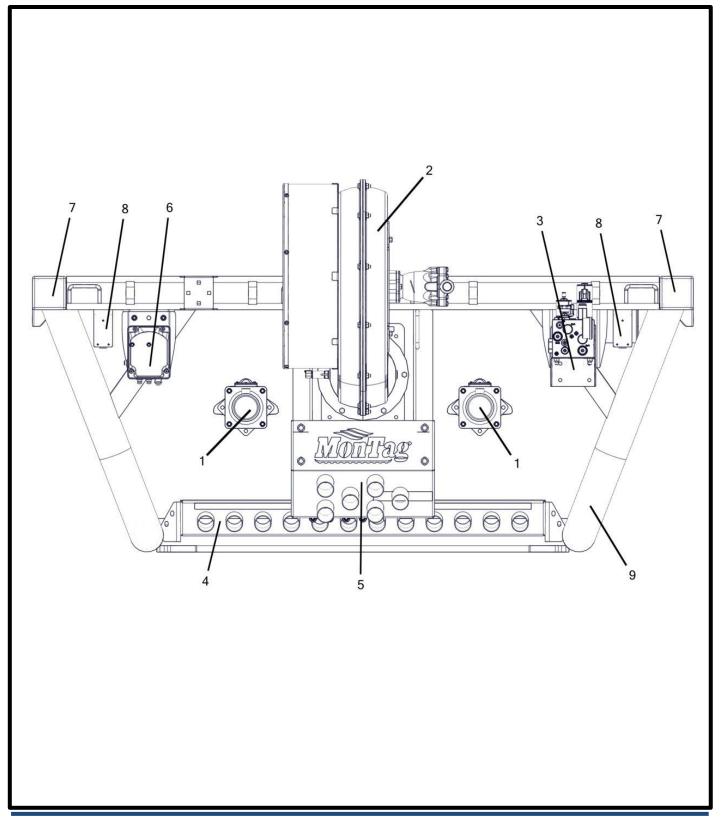


### **A002350 - Assemblies And Weldments**

| Item No. | Qty. | Part Number | Description                                   |
|----------|------|-------------|---|
| 1        | 2    | A002101     | Mount - Slide Gate Cylinder Extension         |
| 2        | 1    | A002136     | Rail- Front Platform Stop W/ Toe Kick         |
| 3        | 1    | A002151     | Fan / Transition - Assembly Gen II            |
| 4        | 1    | A002156     | Tank - Rinse Tank w/ Bracket And Hardware     |
| 5        | 1    | A002160     | Tank Assembly - Gen II Tank/Trough (RH) Black |
| 6        | 1    | A002161     | Tank Assembly - Gen II Tank/Trough (LH) Black |
| 7        | 1    | A002205     | Manifold - Hydraulic Sub-Assembly Gen II      |
| 8        | 1    | A002206     | Manifold - Lower Air Hose Sub-Assembly        |
| 9        | 1    | A002207     | Manifold - Upper Air Hose Sub-Assembly        |
| 10       | 1    | A002208     | J-Box - Sub-Assembly Gen II                   |
| 11       | 1    | A002209     | Plenum - Air Sub-Assembly Gen II              |
| 12       | 2    | A002210     | Lids - Poly Tank Sub-Assembly Gen II          |
| 13       | 2    | W002359     | Ladder - Inside, Gen II Poly Tank             |
| 14       | 4    | W002368     | Bracket - Inside Tank Ladder Hold Gen II      |
| 15       | 4    | W002370     | Screen - Gen II Tank (1/2" C/C)               |
| 16       | 1    | W002428     | Cradle - Gen II                               |



## **Front Accessories**



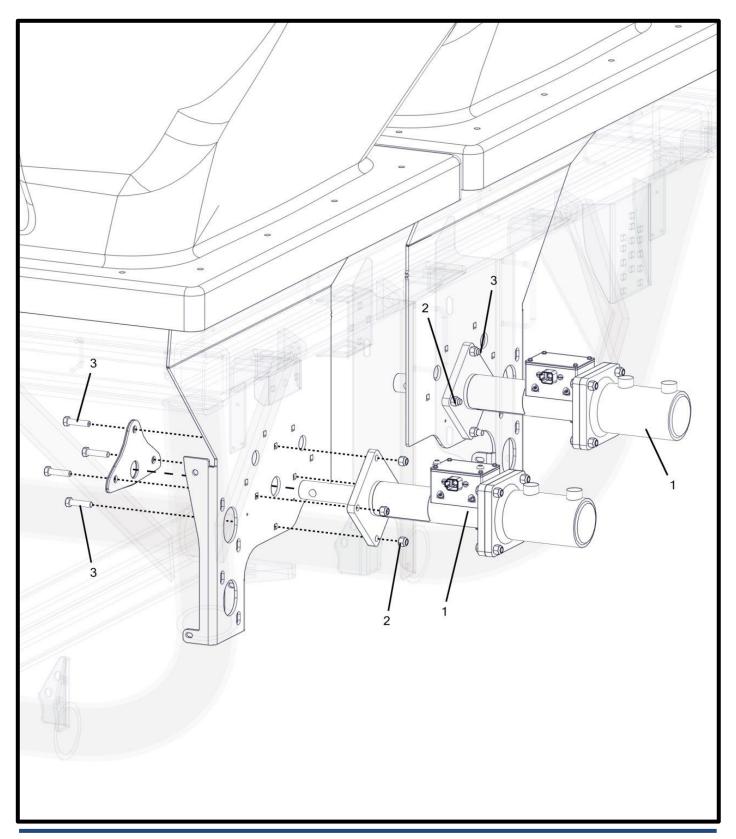
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### **Front Accessories**

| Item No. | Qty. | Part Number | Description                              |
|----------|------|-------------|--|
| 1        | 2    | A002101     | Mount - Slide Gate Cylinder Extension    |
| 2        | 1    | A002151     | Fan / Transition - Assembly Gen II       |
| 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     | J-Box - Sub-Assembly Gen II              |
| 7        | 4    | P002254     | Cap - 4" x 4" Plastic (2-5 Ga)           |
| 8        | 2    | P002266     | J-Block - 6-Port EZ Mate                 |
| 9        | 1    | W002428     | Cradle - Gen II                          |



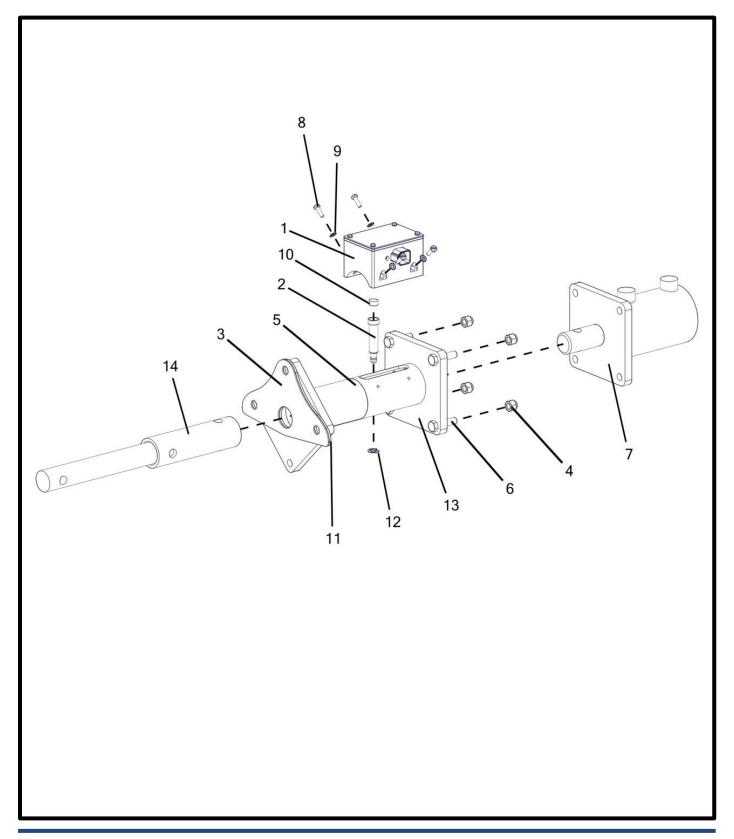




| Item No. | Qty. | Part Number | Description                                       |
|----------|------|-------------|---|
| 1        | 2    | A002101     | Mount - Slide Gate Cylinder Extension             |
| 2        | 8    | P000105     | Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) *   |
| 3        | 8    | P002430     | Bolt - 3/8-16 x 1.5 x 1 Hex (F593 304 S/S FB) * † |

HARDWARE SHOWN IS INCLUDED IN K002054 (\*) AND K002055 (†)



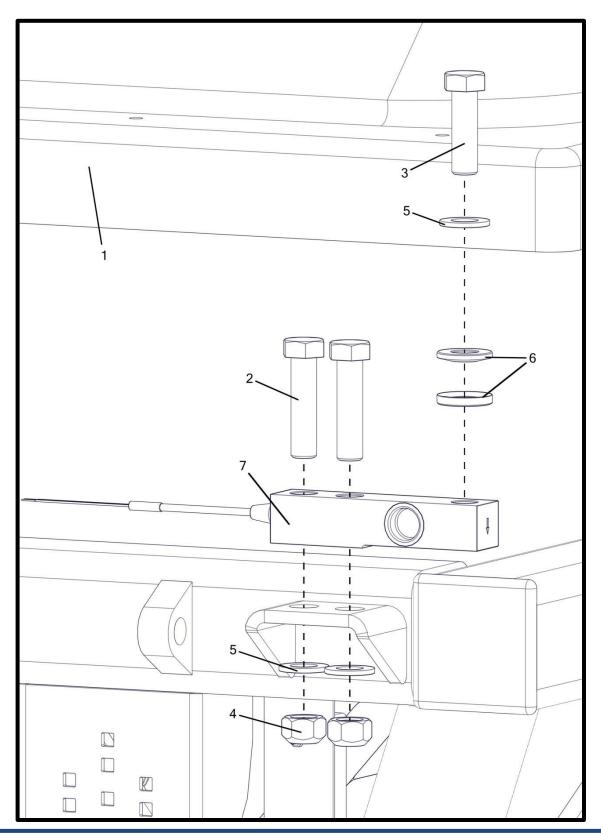




| Itama Na | O+   | Down November | Description   |
|----------|------|---------------|---|
| Item No. | Qty. | Part Number   | Description   |
| 1        | 1    | A002167       | Housing - Slide Gate Cylinder Sensor                |
| 2        | 1    | M002374       | Pin - Slide Gate Cylinder Clevis                    |
| 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**





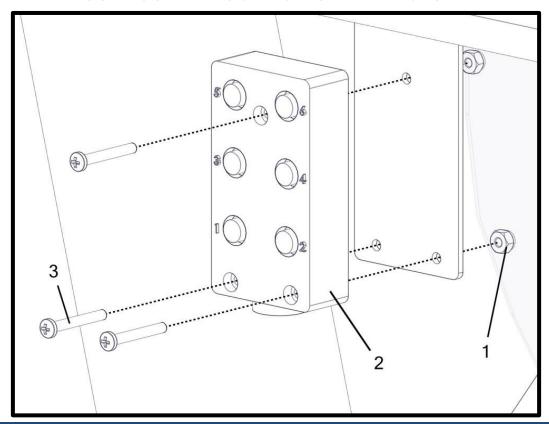
#### **Load Cell Area**

| 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    | P002244     | Scale - Load Cell (10K) w/Easy Mate (Digi-Star) †  |

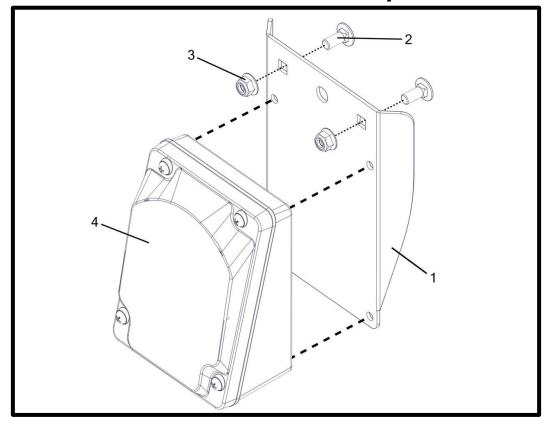
HARDWARE SHOWN IS INCLUDED IN K002046 (\*)
LOAD CELLS ARE INCLUDED IN K002002 (†)



### P002266 - J-Block - 6 Port EZ Mate



A002208 - J-Box - Sub-Assembly Gen II





#### P002266 - J-Block - 6 Port EZ Mate

| Item No. | Qty. | Part Number | Description  |
|----------|------|-------------|--|
| 1        | 6    | P000102     | Nut - #8-32 Hex Nylon Lock (18-8 S/S FB) *                     |
| 2        | 2    | P002266     | J-Block - 6-Port EZ Mate †                                     |
| 3        | 6    | P002375     | Screw - #8-32 x 1.25 Machine Pan Head Phillips (18-8 S/S FB) * |

## HARDWARE IS INCLUDED IN K002039 (\*) J-BLOCK IS INCLUDED IN K002002 (†)

### A002208 - J-Box - Sub-Assembly Gen II

| Item No. | Qty. | Part Number | Description   |
|----------|------|-------------|---|
| 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                     |

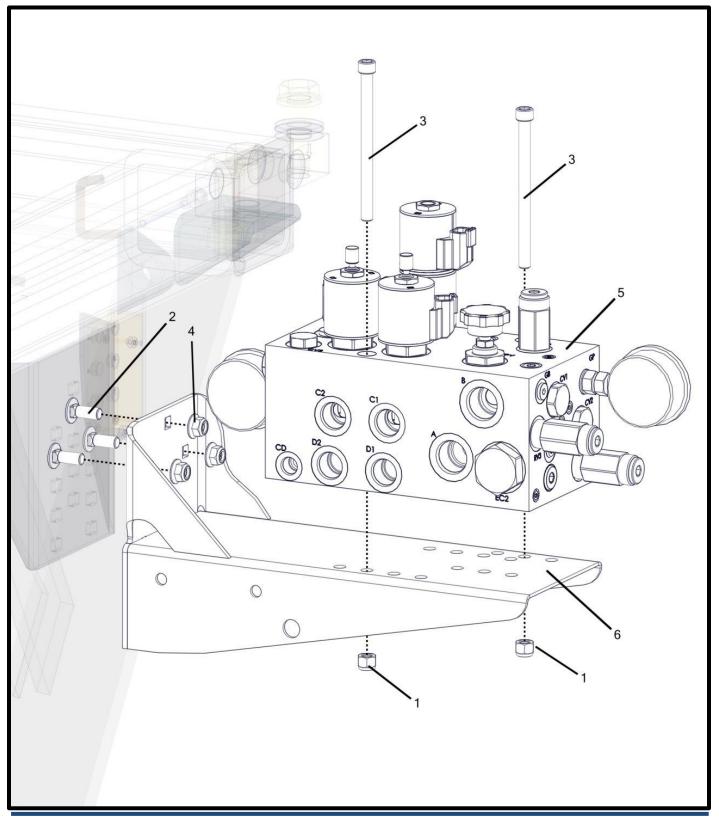
#### HARDWARE SHOWN IS INCLUDED IN K002041 (\*)

See inside front cover for details.

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# A002205 - Manifold - Hydraulic Sub-Assembly Gen II





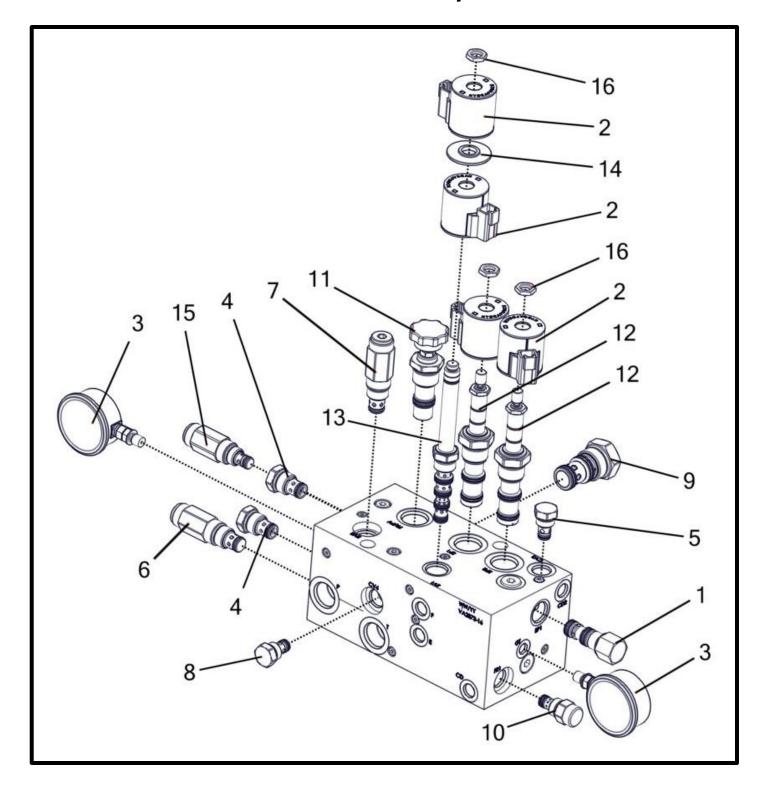
# A002205 - Manifold - Hydraulic Sub-Assembly Gen II

| Item No. | Qty. | Part Number | Description   |
|----------|------|-------------|---|
| 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    | P002227     | Manifold - Gen II Hydraulic Control                   |
| 6        | 1    | W002385     | Bracket - Hydraulic Manifold & ECU Controller         |

#### HARDWARE SHOWN INCLUDED IN K002038 (\*)



# P002227 - Manifold - Gen II Hydraulic Control



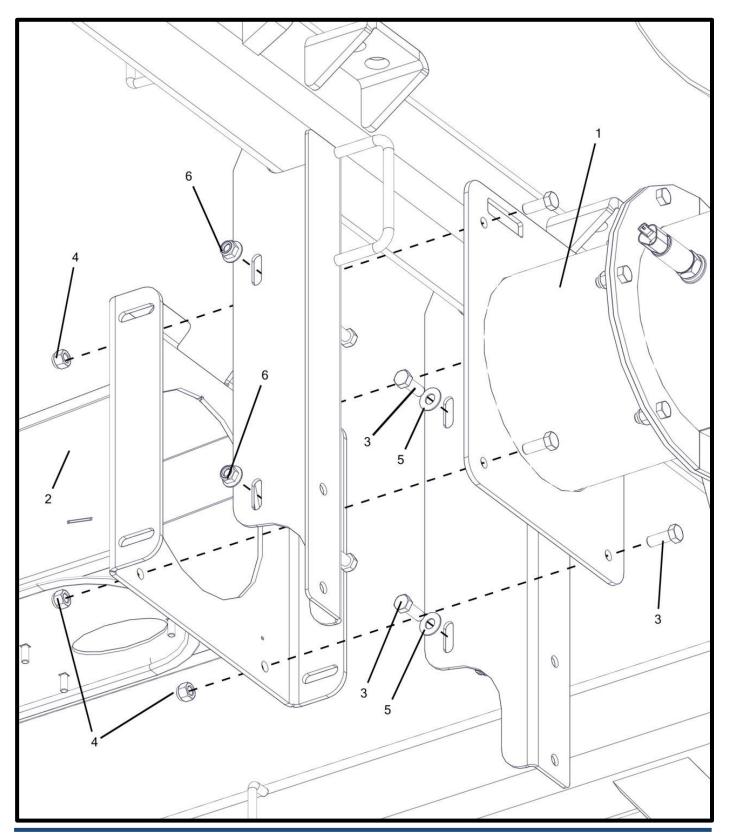


# P002227 - Manifold - Gen II Hydraulic Control

|      |     |         | 1   |
|------|-----|---------|---|
| Item |     | Part    |   |
| No.  | Qty | Number  | Description   |
| 1    | 1   |         | 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   | 1   | P002509 | Valve - Hyd Flow Regulator Pressure Compensated 0-20 GPM (Manual) FR12-23E-0-N                              |
|      |     | P002576 | Kit - SK12-2X-M Replacement Seal  |
| 12   | 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  |
| 13   | 1   | P002511 | Valve - Hyd Solenoid-Type, 5-Way, 3 Position SV10-58C-0-N-00  |
|      |     | P002578 | Kit - SK10-5N-MMMM Replacement Seal   |
| 14   | 1   | P002512 | Spacer - Hyd #10 E-coil 4539700   |
| 15   | 1   |         | Valve - Hyd Relief, Differential Area Poppet, 2200 PSI RV08-22H-0-N-26/22.00                                |
|      |     | P002573 | ·   |
| 16   | 3   |         | Nut - Coil 7004400  |
|      |     |         |   |



## **Fan And Plenum**





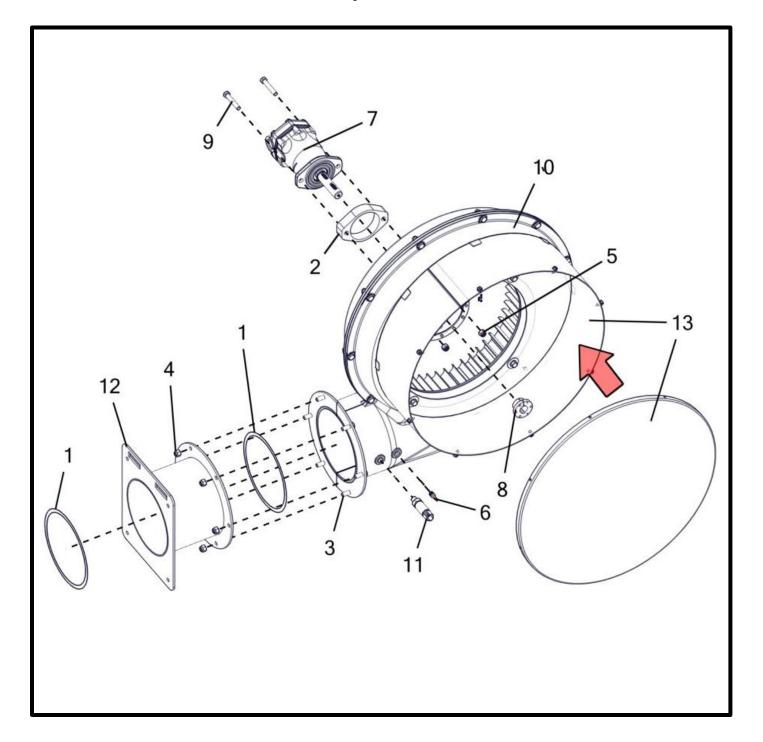
#### **Fan And Plenum**

| Item No. | Qty. | Part Number | Description                                     |
|----------|------|-------------|---|
| 1        | 1    | A002151     | Fan / Transition - Assembly Gen II              |
| 2        | 1    | A002209     | Plenum - Air Sub-Assembly Gen II                |
| 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) *  |

## HARDWARE SHOWN IS INCLUDED IN K002043 (\*) AND K002057 (†)



# A002151 - Fan/Plenum Transition





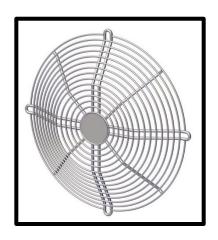
#### A002151 - Fan/Plenum Transition

| Item No. | Qty. | Part Number | Description   |
|----------|------|-------------|---|
| 1        | 2    | M002475     | Gasket - Fan Transition Seal                          |
| 2        | 1    | M002672     | Plate - Motor Spacer "2-Bolt SAE A" (1")              |
| 3        | 6    | P000039     | Bolt - 3/8-16 x 1 x 1 Hex (GR 5 M/S FA) *             |
| 4        | 6    | P000057     | Nut - 3/8-16 Hex Nylon Lock (GR 5 M/S FA) *           |
| 5        | 2    | P000105     | Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) *       |
| 6        | 1    | P000125     | Fitting - Air - 3/16" Hose Barb x 1/8 NPT             |
| 7        | 1    | P000354     | Motor - Eaton 16 & 24 Row Fan (74118)                 |
| 8        | 1    | P000833     | Bushing - QD Taper Lock JA x .875" Bore x .25" Keyway |
| 9        | 2    | P000930     | Bolt - 3/8-16 x 2.25 x 1 Hex (F593 304 S/S FB) *      |
| 10       | 1    | A002408†    | Fan - Crary 8" CCW Flange (Assembly)                  |
| 11       | 1    | P002731     | Sensor - Air Pressure 3-Pin (0-3.6 psi) (1/4 NPT)     |
| 12       | 1    | W002527     | Transition - 8" Fan/Plenum 5° Gen II                  |
| 13       | 1    | W002528‡    | Screen - 8" Crary Fan Inlet (Shown Below)             |

#### HARDWARE SHOWN IS INCLUDED IN K000190 (\*)

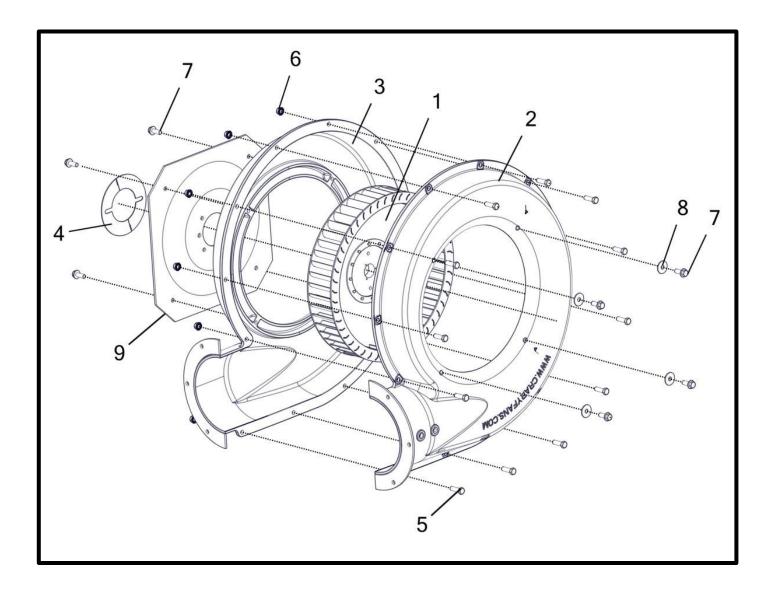
† 2018 VERSION OF FAN SUPERSEDES OLD MODEL AND IS RETROFITTABLE TO ALL PRIOR MODELS. IF ORDERED, ITEM 2 IS NOT NEEDED, AND K002152 AND W002528 ARE REQUIRED.

‡ 2018 VERSION OF SCREEN SUPERSEDES MODEL SHOWN AND IS ONE PIECE AND RETROFITTABLE (SHOWN BELOW).





# A002408 - Fan - Crary 8" CCW Flange (Assembly)





### A002408 - Fan - Crary 8" CCW Flange (Assembly)

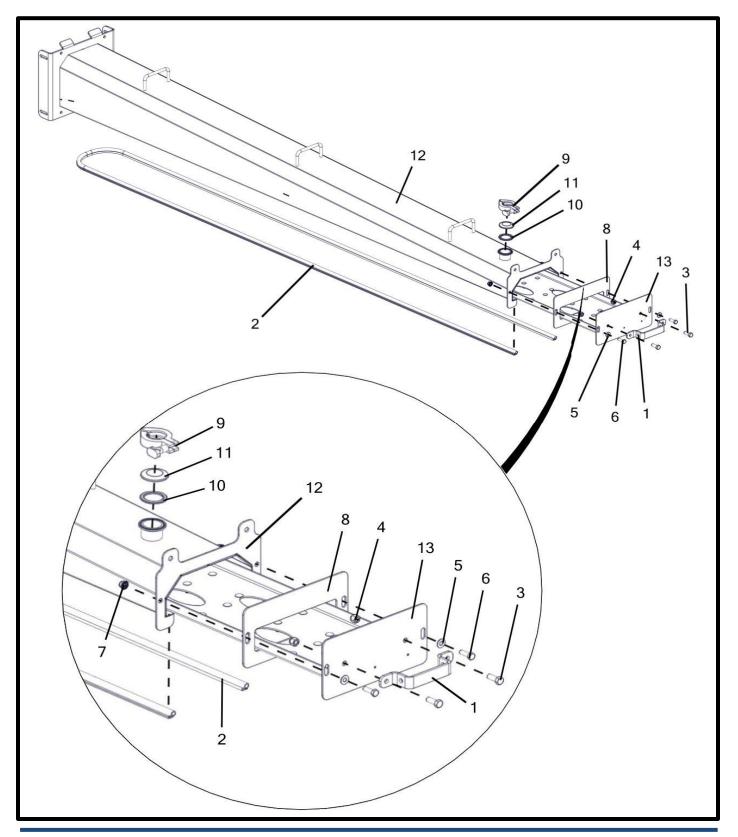
| ITEM NO. | Qty | Part Number | Description  |
|----------|-----|-------------|--|
| 1        | 1   | P002082     | Fan - Crary 8" (17374)                             |
| 2        | 1   | P002399     | Housing - Crary 8" Flange Mount Inlet Side (LH)    |
| 3        | 1   | P002400     | Housing - Crary 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)    |

#### HARDWARE SHOWN IS INCLUDED IN K002025 (\*) AND K002167 (†)

‡ SUPERSEDES 2017 AND PRIOR MODELS. IF ORDERED FOR 2017 OR PRIOR UNITS, K002152 AND P002533 ARE REQUIRED, AND M002672 IS NO LONGER REQUIRED.



# A002010 - Plenum - 18 Row Gen II Assembly





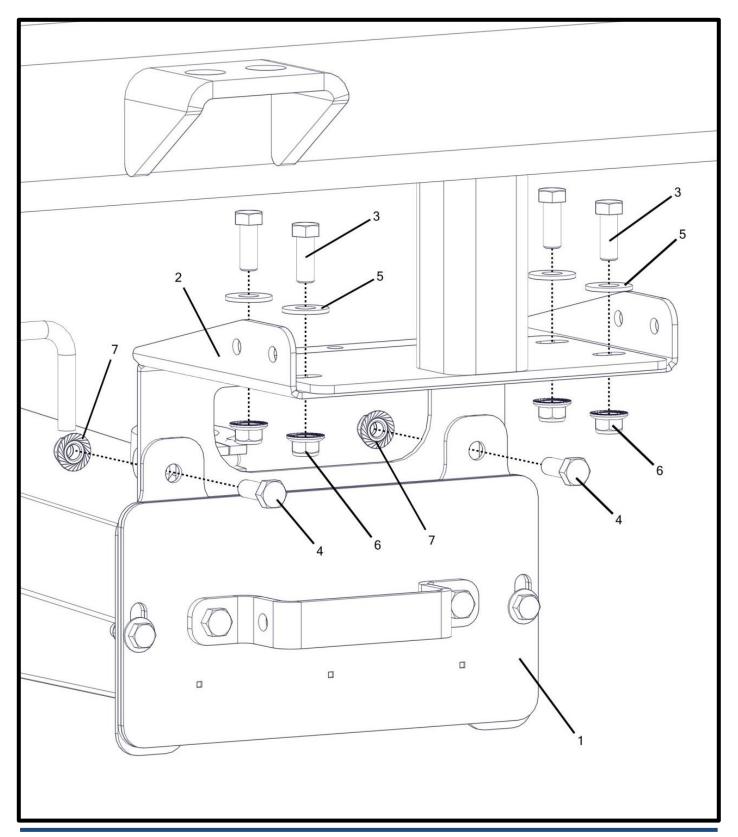
# A002010 - Plenum - 18 Row Gen II Assembly

| Item No. | Qty | Part Number | Description  |
|----------|-----|-------------|--|
| 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             |

HARDWARE IDENTIFIED IN BOM INCLUDED IN K002042 (\*)



# Rear Plenum Area (A002209)





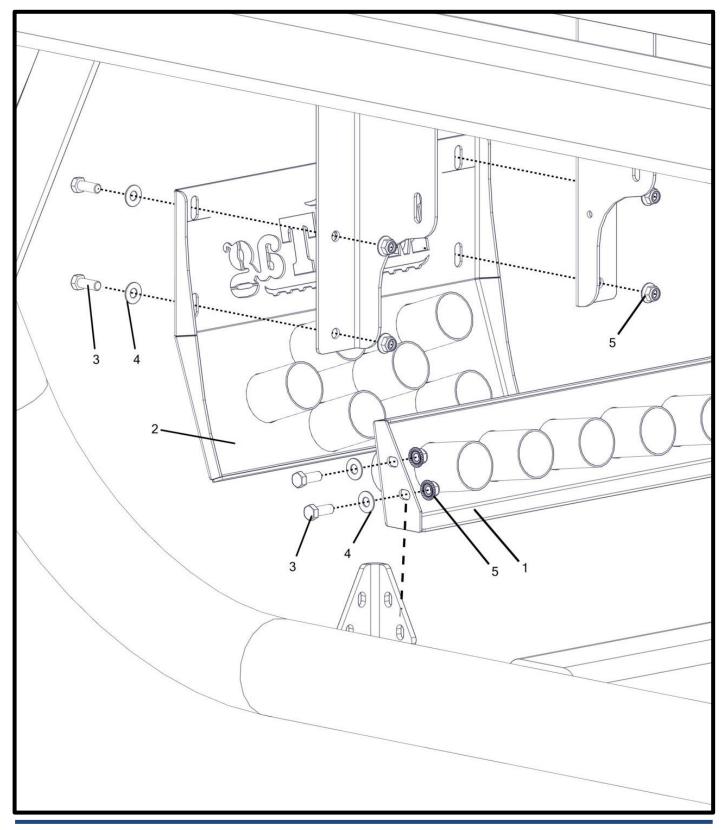
# Rear Plenum Area (A002209)

| Item No. | Qty. | Part Number | Description                                    |
|----------|------|-------------|--|
| 1        | 1    | A002010     | Plenum - 18 Row Gen II Assembly                |
| 2        | 1    | M002112     | Bracket - Rear Plenum Mount Gen II             |
| 3        | 4    | P000039     | Bolt - 3/8-16 x 1 x 1 Hex (GR 5 M/S FA) *      |
| 4        | 2    | P000097     | Bolt - 3/8-16 x 1 x 1 Hex (F593 304 S/S FB) *  |
| 5        | 4    | P000752     | Washer - 3/8" USS Flat (1" OD) (GR 5 M/S FA) * |
| 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) * |

#### HARDWARE SHOWN INCLUDED IN K002043 (\*)



### **Air Manifolds**





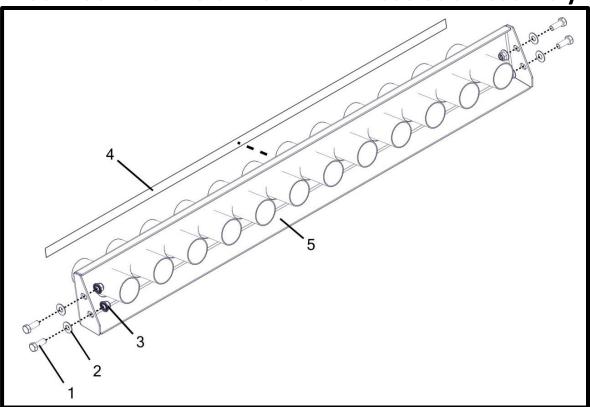
#### **Air Manifolds**

| 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) * |
| 6        | 1    | W002428     | Cradle - Gen II                                |

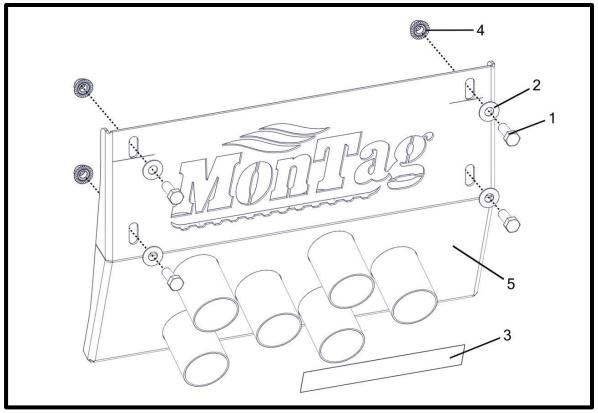
HARDWARE SHOWN IS INCLUDED IN K002040 (QTY. 2) (\*)



# A002206 - Manifold - Lower Air Hose Sub-Assembly



# A002207 - Manifold - Upper Air Hose Sub-Assembly





### A002206 - Manifold - Lower Air Hose Sub-Assembly

| Item No. | Qty. | Part Number | Description                                    |
|----------|------|-------------|--|
| 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             |

#### HARDWARE SHOWN IS INCLUDED IN K002040 (\*)

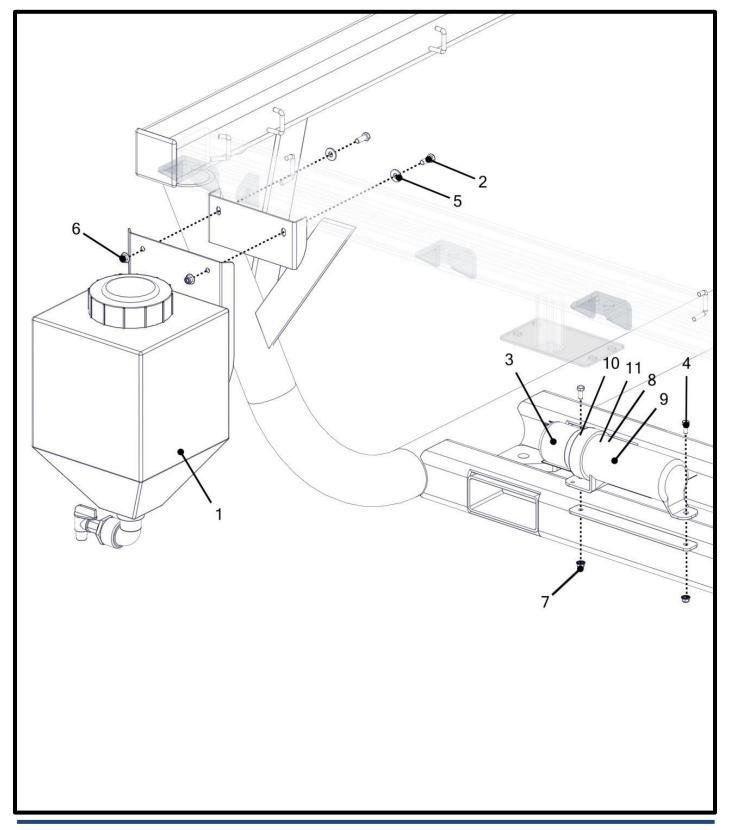
## A002207 - Manifold - Upper Air Hose Sub-Assembly

| Item No. | Qty. | Part Number | Description                                    |
|----------|------|-------------|--|
| 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    | W002389     | Manifold - Front "Montag" 6 Row Hose Gen II    |

#### HARDWARE SHOWN IS INCLUDED IN K002040 (\*)



### **Rinse Tank And Manual Holder**





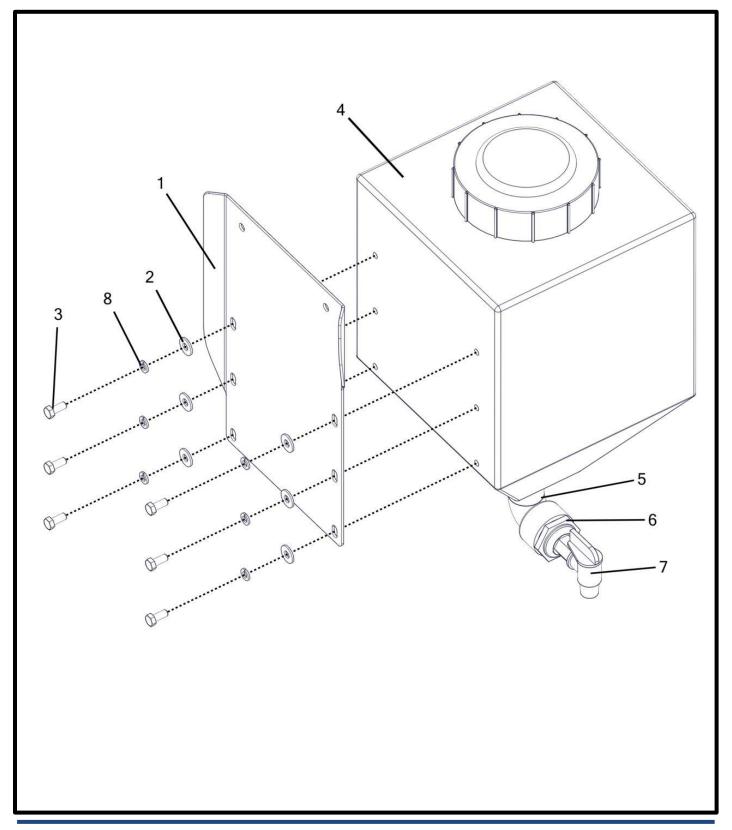
#### **Rinse Tank And Manual Holder**

| 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) *             |
| 8        | 1    | P002393     | Document - Montag Mfg. Operators Manual Volume 4            |
| 9        | 1    | P002394     | Document - Montag Dry Rate Controller Operators Manual      |
| 10       | 1    | P002462     | Document - Montag Dry Rate Controller Quick Reference Guide |
| 11       | 1    | P002463     | Document - Montag Dry Rate Task Controller Setup Manual     |

HARDWARE SHOWN INCLUDED IN K002045 (\*)



# A002156 - Tank - Rinse Tank w/ Bracket And Hardware



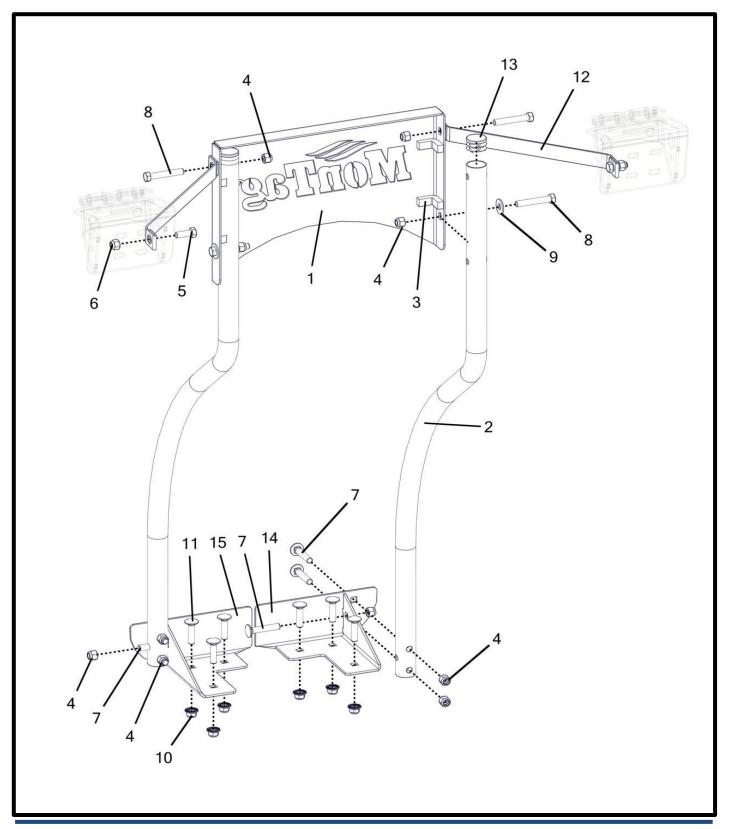


# A002156 - Tank - Rinse Tank w/ Bracket And Hardware

| Item No. | Qty. | Part Number | Description   |
|----------|------|-------------|---|
| 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) * |



# A002136 - Rail - Front Platform Stop W/Toe Kick





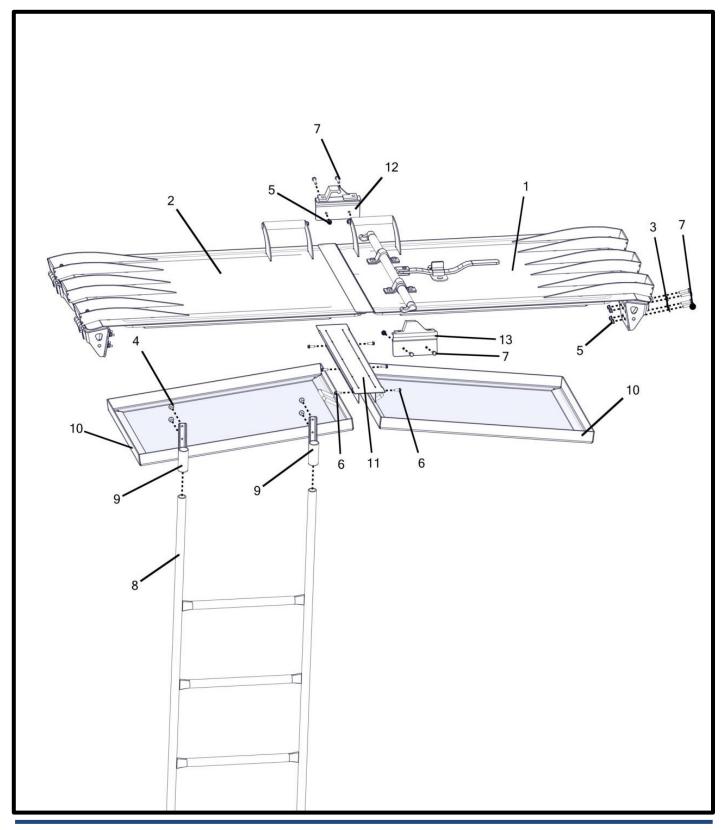
# A002136 - Rail - Front Platform Stop W/Toe Kick

| Item<br>No. | Qty. | Part Number | Description  |
|-------------|------|-------------|--|
| 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 )                   |

HARDWARE SHOWN INCLUDED IN K002047 (\*)



# A002210 - Lids - Poly Tank Sub-Assembly Gen II And Upper Tank Area



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# A002210 - Lids - Poly Tank Sub-Assembly Gen II And Upper Tank Area

| Item No. | Qty. | Part Number | Description   |
|----------|------|-------------|---|
| 1        | 1    | A002212     | Lid - Poly Tank Top Gen II  |
| 2        | 1    | A002213     | Lid - Poly Tank Bottom Gen II   |
| 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 - Inside, Gen II Poly Tank                                       |
| 9        | 2    | W002368     | Bracket - Inside Tank Ladder Hold Gen II                                |
| 10       | 2    | W002370     | Screen - Gen II Tank (1/2" C/C)   |
| 11       | 1    | W002390     | Bracket - Lid Center Seal Gen II  |
| 12       | 1    | W002392     | Bracket - Bar Cam Lock Keeper (Inside)                                  |
| 13       | 1    | W002393     | Bracket - Cam Bar Lock Keeper (Outside)                                 |

HARDWARE SHOWN IN BOM IS INCLUDED IN K002050 (\*)

AND K002051 (†),

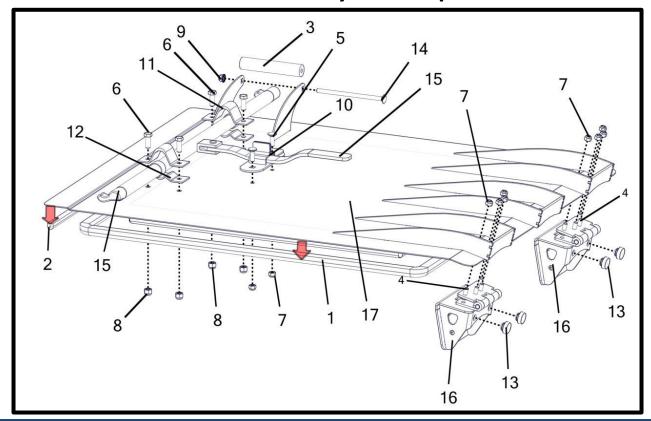
EXCEPT FOR P002374, WHICH IS NOT IN ANY KIT

P002249 ARE INCLUDED IN K002055 (‡)

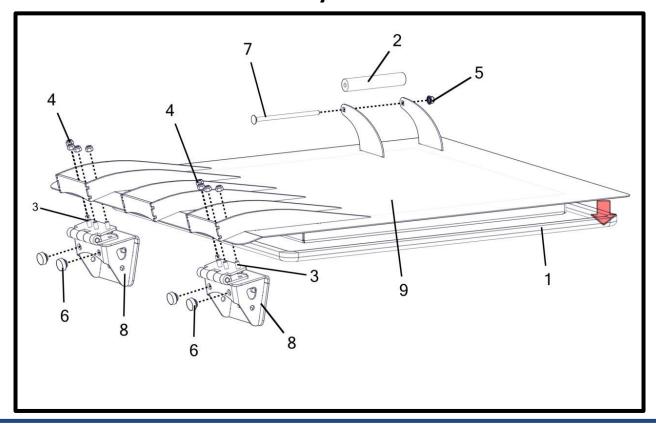
QTY'S SHOWN IN BOM ARE FOR ONE TANK



# A002212 - Lid - Poly Tank Top Gen II



# A002213 - Lid - Poly Tank Bottom Gen II





#### A002212 - Lid - Poly Tank Top Gen II

| Item No. | Qty. | Part Number | Description   |
|----------|------|-------------|---|
| 1        | 1    | M002608     | Seal - Poly Lid Gasket Gen II                           |
| 2        | 1    | M002747     | Seal - Poly Lid Lip Gasket Gen II                       |
| 3        | 1    | M002804     | Handle - Lid Gen II                                     |
| 4        | 8    | P000093     | Bolt - 5/16-18 x 0.75 x 0.75 Hex (F593 304 S/S FB) *    |
| 5        | 2    | P000094     | Bolt - 5/16-18 x 1 x 1 Carriage (F593 304 S/S FB) †     |
| 6        | 4    | P000097     | Bolt - 3/8-16 x 1 x 1 Hex (F593 304 S/S FB) †           |
| 7        | 10   | P000104     | Nut - 5/16-18 Hex Nylon Lock (F594 316 S/S FB) * †      |
| 8        | 4    | P000105     | Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) †         |
| 9        | 1    | P002224     | Nut - 5/16-18 Flange Nylon Lock (18-8 S/S FB) *         |
| 10       | 1    | P002267     | Bracket - Hasp Bar Lock                                 |
| 11       | 2    | P002269     | Bracket - Top Lid Pipe Retainer                         |
| 12       | 2    | P002270     | Bracket - Bottom Pipe Retainer                          |
| 13       | 4    | P002433     | Bumper - SBR Rubber Push-In, 1" x 5/16" x 1/2"          |
| 14       | 1    | P002451     | Bolt - 5/16-18 x 6 x 0.875 Carriage (F593 304 S/S FB) * |
| 15       | 1    | W002391     | Lock - Lid cam Bar                                      |
| 16       | 2    | W002438     | Bracket - Tank Lid Hinge Gen II                         |
| 17       | 1    | W002439     | Lid - Top Poly Tank Gen II                              |

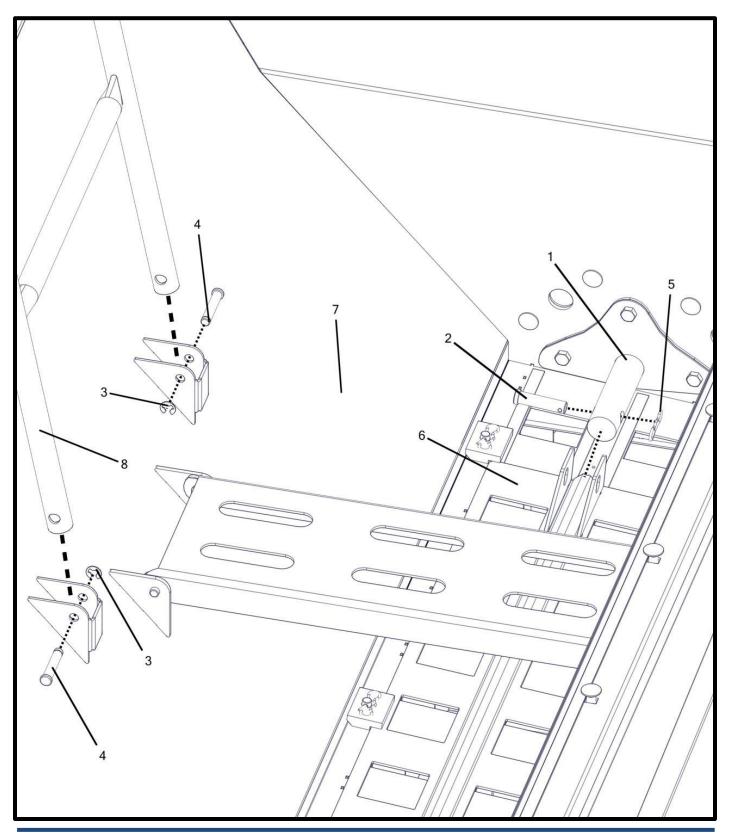
HARDWARE SHOWN IS INCLUDED IN K002048 (\*) AND K002049 (†)

#### A002213 - Lid - Poly Tank Bottom Gen II

| Item No. | Qty. | Part Number | Description   |
|----------|------|-------------|---|
| 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    | W002442     | Lid - Bottom Poly Tank Gen II                           |



# **INSIDE TANK / LADDER**





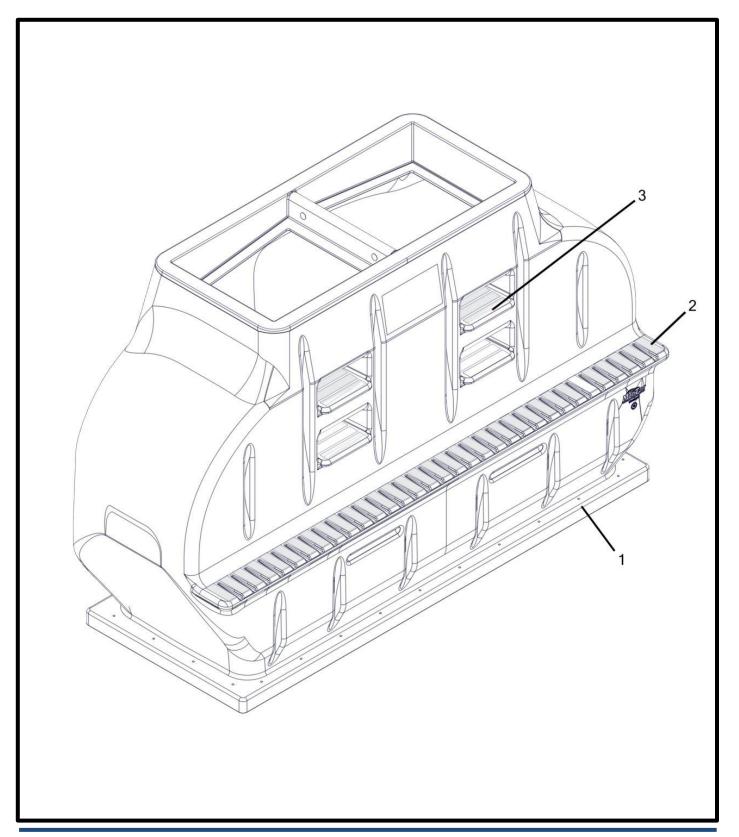
# **INSIDE TANK / LADDER**

| 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    | P002215     | Retainer - 3/8" E-Clip *                             |
| 4        | 2    | P002216     | Pin - Grooved Clevis 3/8" X 2" X 1 13/16" (18-8 S/S) |
| 5        | 1    | P002255     | Pin - Hairpin Bowtie 3/8" x 3/32" x 1 7/8" *         |
| 6        | 1    | W002036     | Slide Gate - 18 Row                                  |
| 7        | 1    | W002345     | Trough - Gen II Poly Tank Meter                      |
| 8        | 1    | W002359     | Ladder - Inside, Gen II Poly Tank                    |

# HARDWARE SHOWN IN BOM IS INCLUDED IN K002055 (\*), EXCEPT FOR P002216, WHICH IS NOT IN ANY KIT QTY'S SHOWN IN BOM ARE FOR ONE TANK



# A002150 - Assembly - 4.5 Ton Poly Tank Gen II



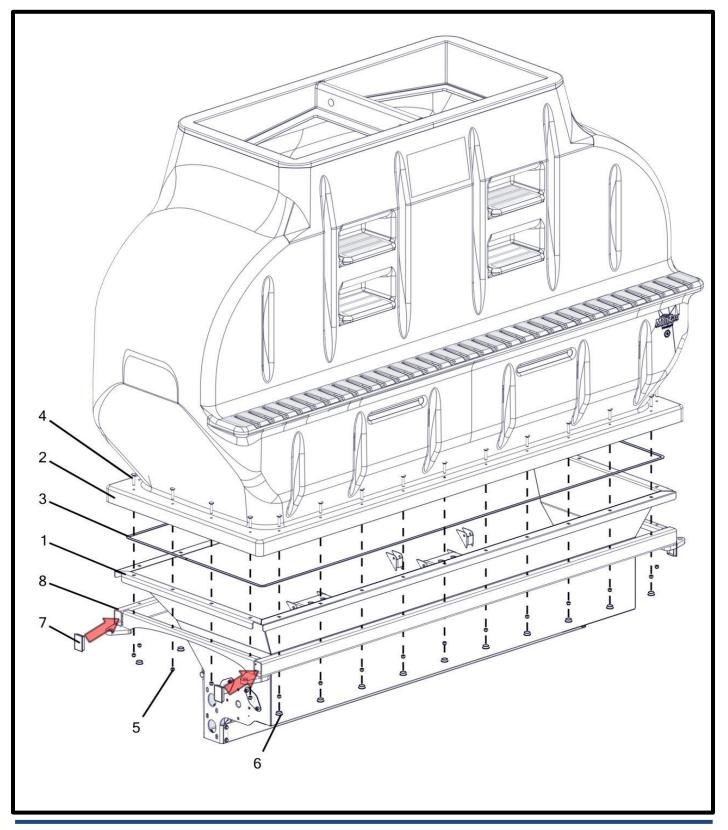


# A002150 - Assembly - 4.5 Ton Poly Tank Gen II

| Item No. | Qty. | Part Number | Description  |
|----------|------|-------------|--|
| 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 |



# A002160 - Tank Assembly - Gen II Tank/Trough (Tank 2)



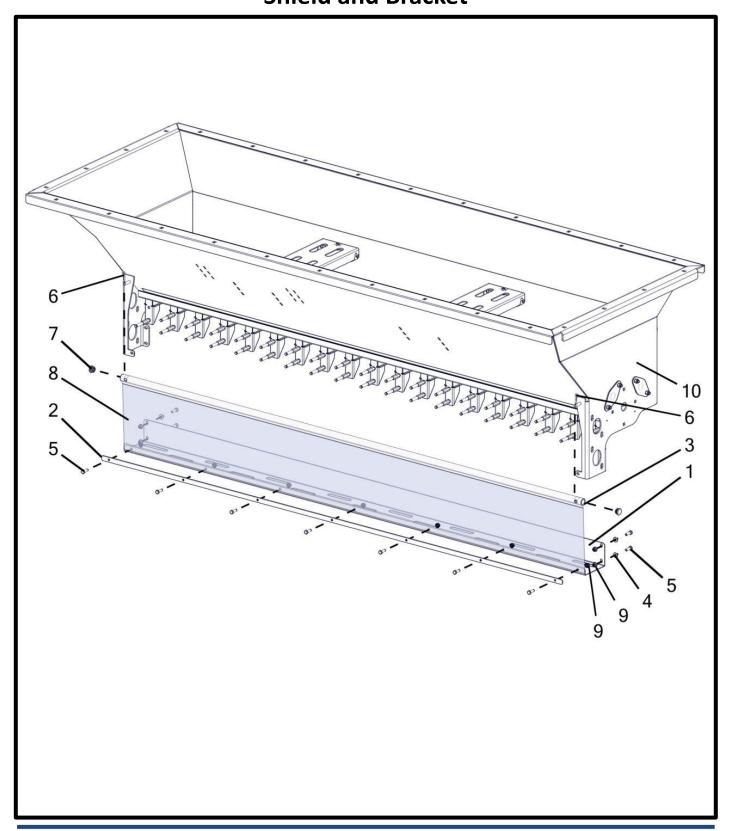


# A002160 - Tank Assembly - Gen II Tank/Trough (Tank 2)

| Item No. | Qty. | Part Number | Description                                     |
|----------|------|-------------|---|
| 1        | 1    | A002149     | Meter - Gen II Row 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   | P002691     | Bolt - 3/8-16 x 2 x 2 Flange (18-8 S/S FB) *    |
| 5        | 28   | P000105     | Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) * |
| 6        | 20   | P000458     | Cap - Plastic Insert - 1-1/4 x 13 Gauge         |
| 7        | 4    | P002204     | Cap - 3" x 2" Plastic (6-8 Ga)                  |
| 8        | 1    | W002356     | Frame - Poly Tank Mount (Gen II)                |



# A002149 - Meter - Gen II 18 Row Poly Tank Assembly (Tank 2) -Shield and Bracket-



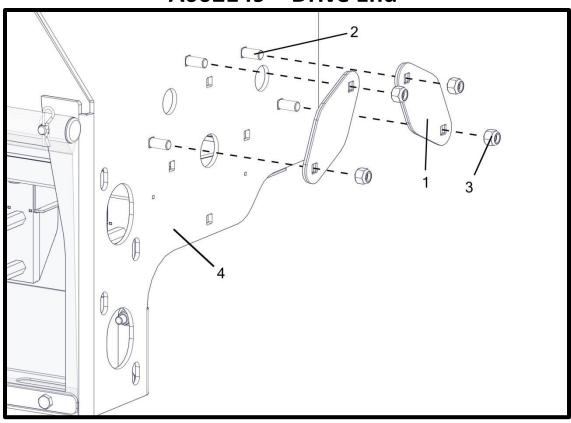


# A002149 - Meter - Gen II 18 Row Poly Tank Assembly (Tank 2) -Shield and Bracket-

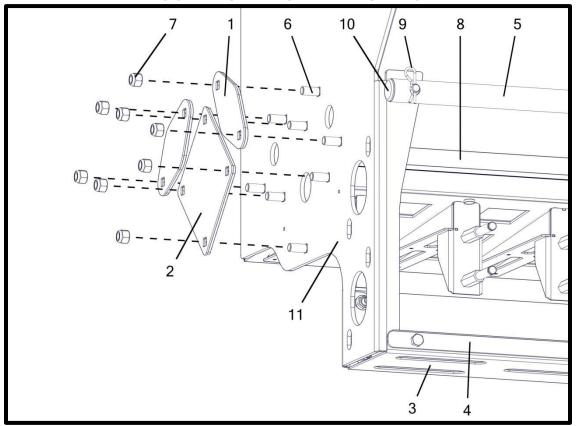
| Item No. | Qty. | Part Number | Description  |
|----------|------|-------------|--|
| 1        | 1    | M002193     | Bracket - Tarp Guard Mounting (Gen II)               |
| 2        | 1    | M002256     | Plate - Vinyl Tarp Shield                            |
| 3        | 1    | M002261     | Tube - Shield Tarp                                   |
| 4        | 4    | P000109     | Washer - 5/16" Flat (0.755" OD) (SS304 304 S/S FB) * |
| 5        | 11   | P000711     | Bolt - 5/16-18 x 1 x 0.875 Hex (F593 304 S/S FB) *   |
| 6        | 2    | P002007     | Hairpin Clip - 3/8" x 1 5/8" S/S                     |
| 7        | 2    | P002055     | Cap - 3/4" Plastic Pipe                              |
| 8        | 1    | P002068     | Tarp - Clear Vinyl Shield                            |
| 9        | 11   | P002224     | Nut - 5/16-18 Flange Nylon Lock (F594 316 S/S FB) *  |
| 10       | 1    | W002345     | Trough - Gen II Poly Tank Meter                      |



### A002149 - Drive End



#### A002149 - Non-Drive End





#### **A002149 - Drive End**

| Item No. | Qty. | Part Number | Description  |
|----------|------|-------------|--|
| 1        | 2    | A002147     | Cover - Agitator End Plate w/ Gasket               |
| 2        | 4    | P000098     | Bolt - 3/8-16 x 1 x 1 Carriage (F593 304 S/S FB) * |
| 3        | 4    | P000105     | Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) *    |
| 4        | 1    | W002345     | Trough - Gen II Poly Tank Meter                    |

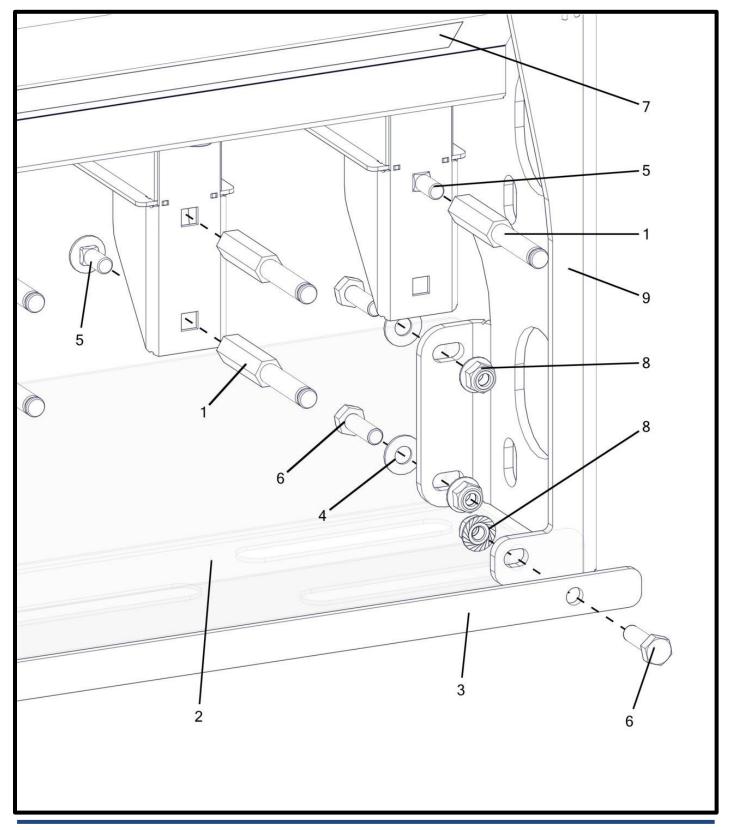
#### HARDWARE SHOWN IS INCLUDED IN K000189 (\*)

#### A002149 - Non-Drive End

| Item No. | Qty. | Part Number | Description  |
|----------|------|-------------|--|
| 1        | 2    | A002147     | Cover - Agitator End Plate w/ Gasket               |
| 2        | 1    | A002148     | Cover - Slide Gate Cylinder Hole Plate w/ Gasket   |
| 3        | 1    | M002193     | Bracket - Tarp Guard Mounting (Gen II)             |
| 4        | 1    | M002256     | Plate - Vinyl Tarp Shield                          |
| 5        | 1    | M002261     | Tube - Shield Tarp                                 |
| 6        | 8    | P000098     | Bolt - 3/8-16 x 1 x 1 Carriage (F593 304 S/S FB) * |
| 7        | 8    | P000105     | Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) *    |
| 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    | W002345     | Trough - Gen II Poly Tank Meter                    |



# A002149 – Hanger And Bracket



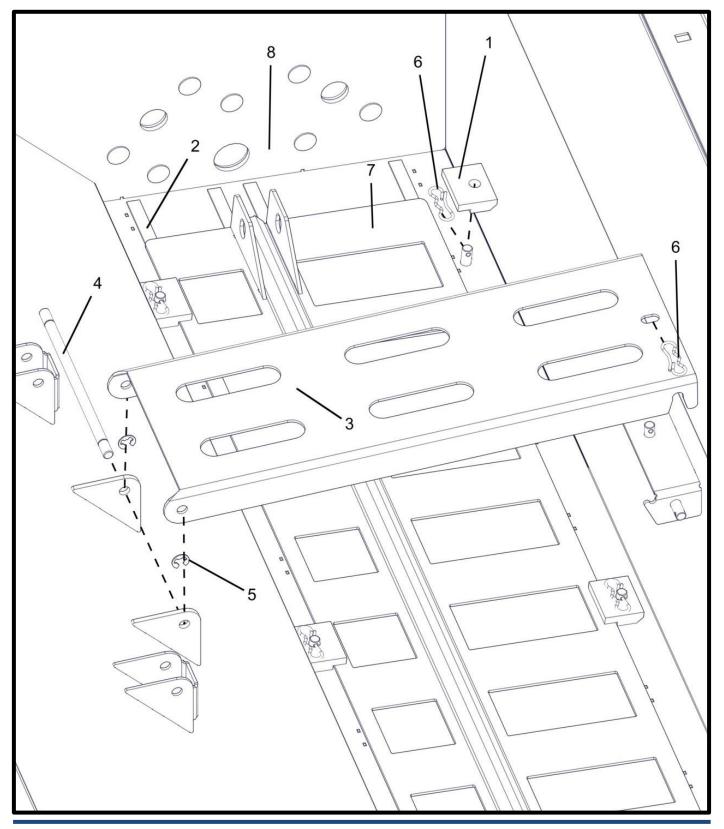


# A002149 – Hanger And Bracket

| Item No. | Qty. | Part Number | Description   |
|----------|------|-------------|---|
| 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    | W002345     | Trough - Gen II Poly Tank Meter                           |



# A002149 - Slide Gate And Trough Support



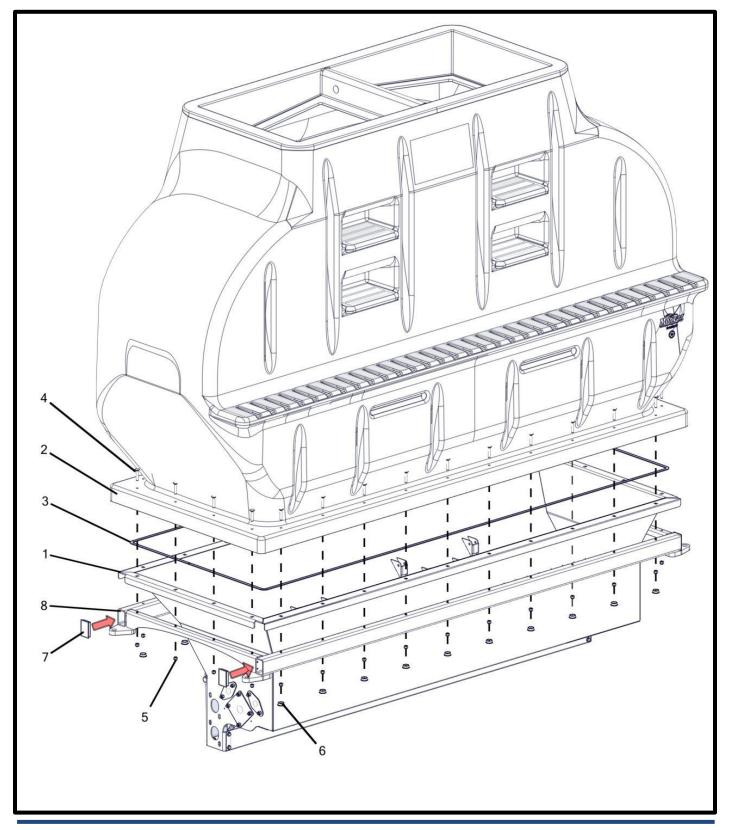


# A002149 - Slide Gate And Trough Support

| Item No. | Qty. | Part Number | Description                                |
|----------|------|-------------|--|
| 1        | 10   | M002105     | Block - UHMW Slide Gate Retainer           |
| 2        | 4    | M002224     | Tape - 1/2" x 1/16" UHMW Slide Gate        |
| 3        | 1    | M002552     | Support - Inner Tank Trough                |
| 4        | 1    | M002574     | Pin - Trough Support Hinge                 |
| 5        | 2    | 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    | W002345     | Trough - Gen II Poly Tank Meter            |



# A002161 - Tank Assembly - Gen II Tank/Trough (Tank 1)



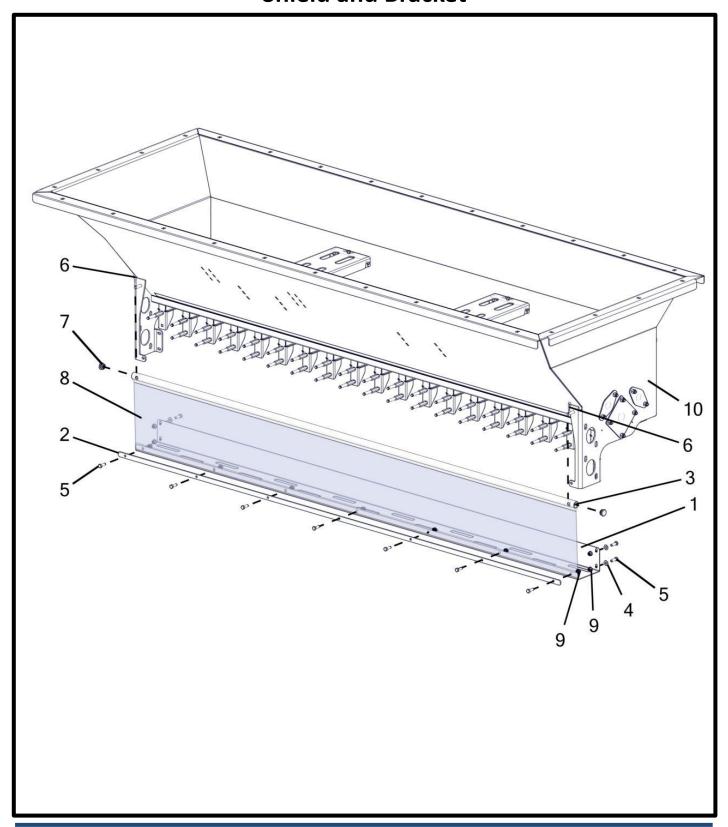


# A002161 - Tank Assembly - Gen II Tank/Trough (Tank 1)

| Item No. | Qty. | Part Number | Description                                     |
|----------|------|-------------|---|
| 1        | 1    | A002138     | Meter - Gen II 18 Row Poly Tank Assembly (Left) |
| 2        | 1    | A002150     | Assembly - 4.5 Ton Poly Tank Gen II             |
| 3        | 1    | M003077     | Seal - Tank To Meter Gen II                     |
| 4        | 28   | P002691     | Bolt - 3/8-16 x 2 x 2 Flange (18-8 S/S FB) *    |
| 5        | 28   | P000105     | Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) * |
| 6        | 20   | P000458     | Cap - Plastic Insert - 1-1/4 x 13 Gauge         |
| 7        | 4    | P002204     | Cap - 3" x 2" Plastic (6-8 Ga)                  |
| 8        | 1    | W002356     | Frame - Poly Tank Mount (Gen II)                |



# A002138 - Meter - Gen II 18 Row Poly Tank Assembly (Tank 1) -Shield and Bracket-



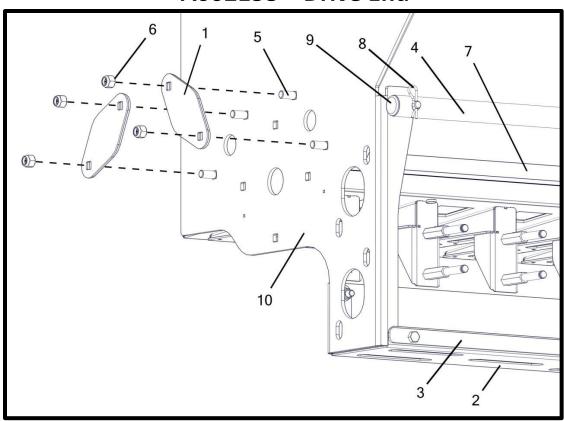


# A002138 - Meter - Gen II 18 Row Poly Tank Assembly (Tank 1) -Shield and Bracket-

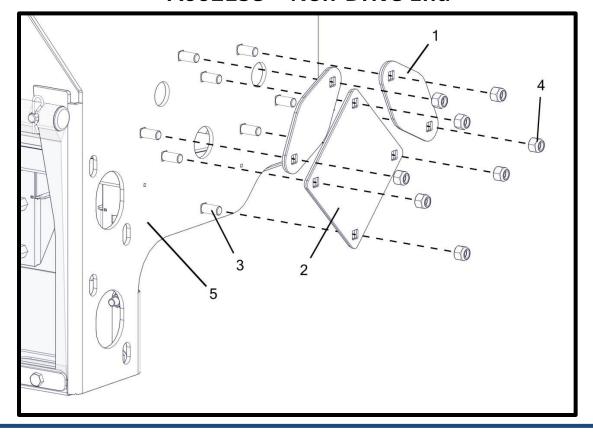
| Item No. | Qty. | Part Number | Description  |
|----------|------|-------------|--|
| 1        | 1    | M002193     | Bracket - Tarp Guard Mounting (Gen II)               |
| 2        | 1    | M002256     | Plate - Vinyl Tarp Shield                            |
| 3        | 1    | M002261     | Tube - Shield Tarp                                   |
| 4        | 4    | P000109     | Washer - 5/16" Flat (0.755" OD) (SS304 304 S/S FB) * |
| 5        | 11   | P000711     | Bolt - 5/16-18 x 1 x 0.875 Hex (F593 304 S/S FB) *   |
| 6        | 2    | P002007     | Hairpin Clip - 3/8" x 1 5/8" S/S                     |
| 7        | 2    | P002055     | Cap - 3/4" Plastic Pipe                              |
| 8        | 1    | P002068     | Tarp - Clear Vinyl Shield                            |
| 9        | 11   | P002224     | Nut - 5/16-18 Flange Nylon Lock (F594 316 S/S FB) *  |
| 10       | 1    | W002345     | Trough - Gen II Poly Tank Meter                      |



#### A002138 - Drive End



# A002138 - Non-Drive End





#### **A002138 - Drive End**

| Item No. | Qty. | Part Number | Description                                       |
|----------|------|-------------|---|
| 1        | 2    | A002147     | Cover - Agitator End Plate w/ Gasket              |
| 2        | 1    | M002193     | Bracket - Tarp Guard Mounting (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    | P002007     | Hairpin Clip - 3/8" x 1 5/8" S/S                  |
| 9        | 1    | P002055     | Cap - 3/4" Plastic Pipe                           |
| 10       | 1    | W002345     | Trough - Gen II Poly Tank Meter                   |

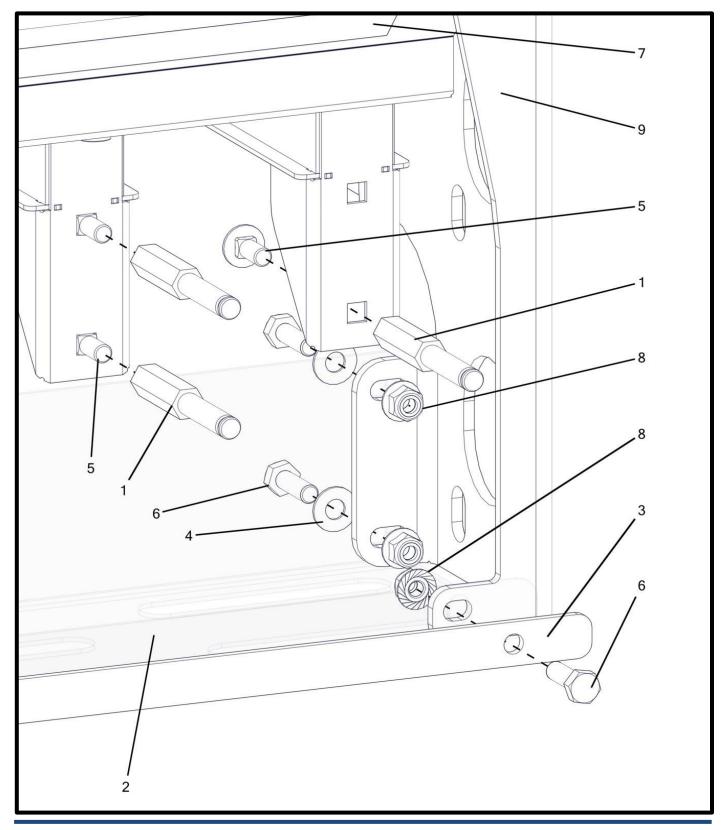
#### HARDWARE SHOWN IS INCLUDED IN K000189 (\*)

#### A002138 - Non-Drive End

| Item No. | Qty. | Part Number | Description  |
|----------|------|-------------|--|
| 1        | 2    | A002147     | Cover - Agitator End Plate w/ Gasket               |
| 2        | 1    | A002148     | Cover - Slide Gate Cylinder Hole Plate w/ Gasket   |
| 3        | 8    | P000098     | Bolt - 3/8-16 x 1 x 1 Carriage (F593 304 S/S FB) * |
| 4        | 8    | P000105     | Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) *    |
| 5        | 1    | W002345     | Trough - Gen II Poly Tank Meter                    |



# A002138 - Hanger And Bracket



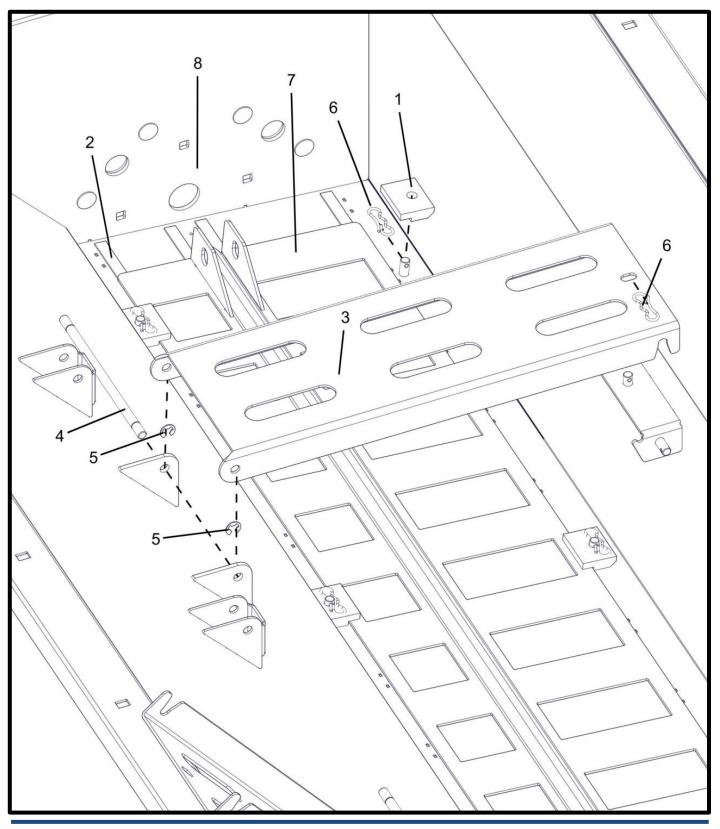


# A002138 – Hanger And Bracket

| Item No. | Qty. | Part Number | Description   |
|----------|------|-------------|---|
| 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    | W002345     | Trough - Gen II Poly Tank Meter                           |



# A002138 - Slide Gate And Trough Support



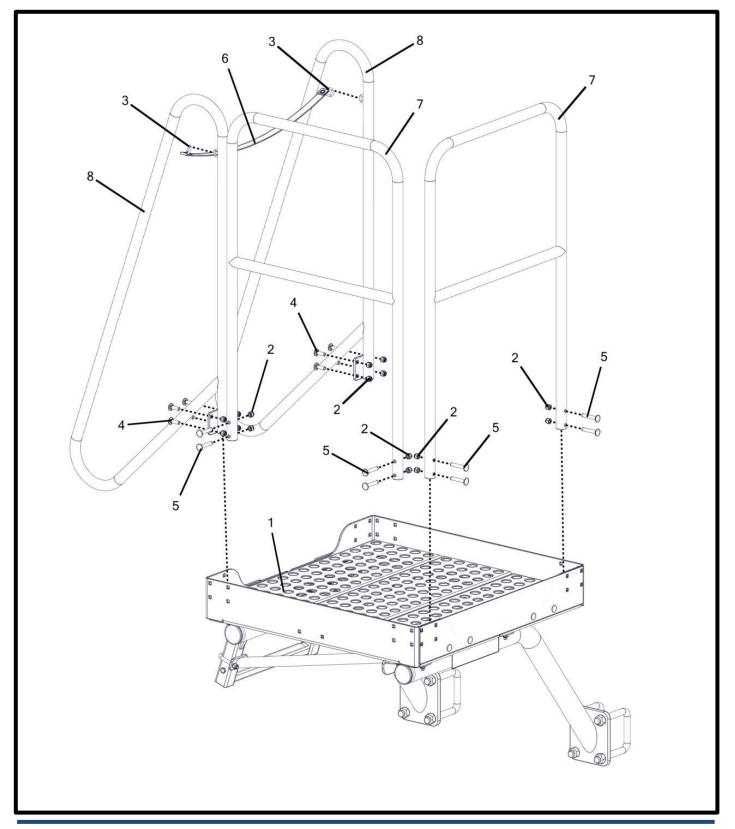


# A002138 - Slide Gate And Trough Support

| Item No. | Qty. | Part Number | Description                                |
|----------|------|-------------|--|
| 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    | W002345     | Trough - Gen II Poly Tank Meter            |



# A002192 - Deck - Left Mount Platform Gen II Railings



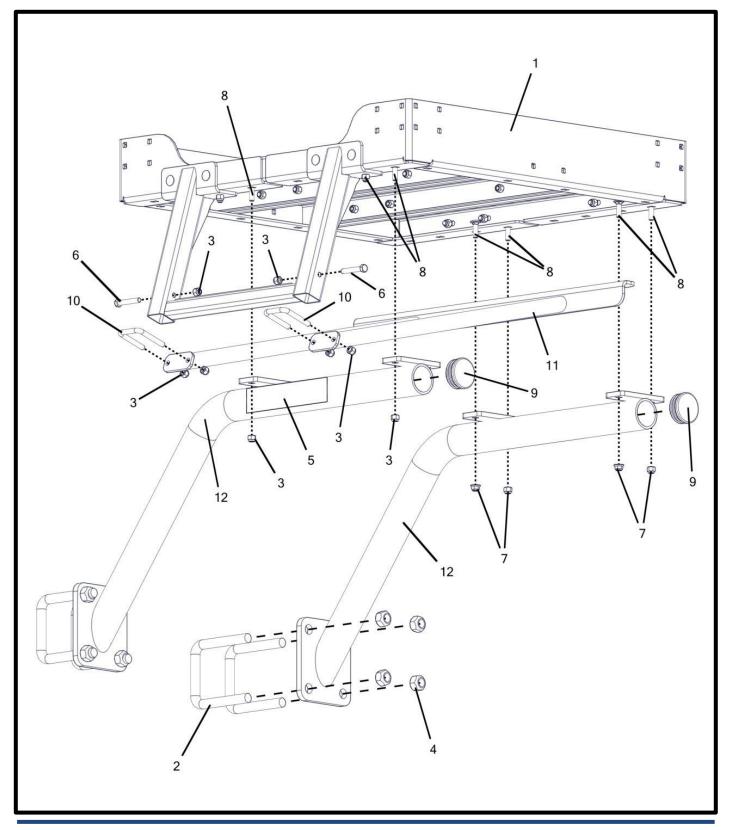


# A002192 - Deck - Left Mount Platform Gen II Railings

| Item No. | Qty. | Part Number | Description                                       |
|----------|------|-------------|---|
| 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     | Connector - Chain Spring Clip (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                       |



# A002192 - Deck - Left Mount Platform Gen II Platform And Mounting Brackets





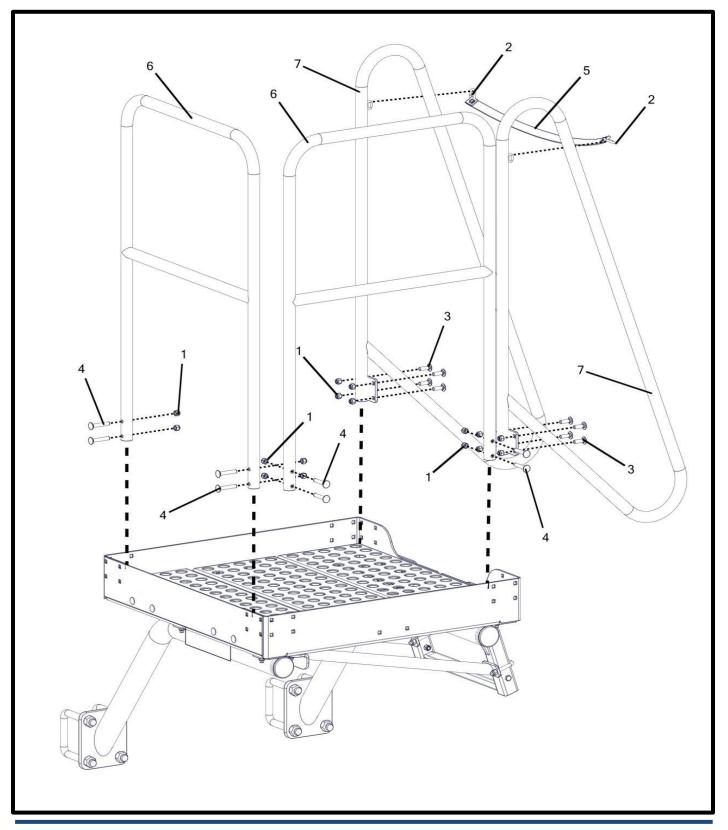
# A002192 - Deck - Left Mount Platform Gen II Platform And Mounting Brackets

| Item No. | Qty. | Part Number | Description                                       |
|----------|------|-------------|---|
| 1        | 1    | A002135     | Deck- Platform Gen II                             |
| 2        | 4    | P000021     | U-Bolt - 3/4" x 4-1/8" x 5-1/2"                   |
| 3        | 10   | P000057     | Nut - 3/8-16 Hex Nylon Lock (GR 5 M/S FA) *       |
| 4        | 8    | P000061     | Nut - 3/4-10 Hex Metal Lock (GR 5 M/S FA) *       |
| 5        | 2    | P000199     | Tape - Reflective Yellow                          |
| 6        | 2    | P000462     | Bolt - 3/8-16 x 2.25 x 1 Hex (GR 5 M/S FA) *      |
| 7        | 2    | P002205     | Nut - 3/8-16 Flange Nylon Lock (GR 5 M/S FA) *    |
| 8        | 6    | P002231     | Bolt - 3/8-16 x 1.25 x 1 Carriage (GR 5 M/S FA) * |
| 9        | 2    | P002246     | Cap - 2-1/2" X 8-12 GA Plastic Tube               |
| 10       | 2    | P002347     | U-Bolt - 3/8" x 1-7/8" x 2-3/4"                   |
| 11       | 1    | W002404     | Brace - Platform Gen II                           |
| 12       | 2    | W002423     | Brace - Main Deck Mount Tube                      |

HARDWARE SHOWN IS INCLUDED IN K002024 (\*)



# A002198 - Deck - Right Mount Platform Gen II Railings





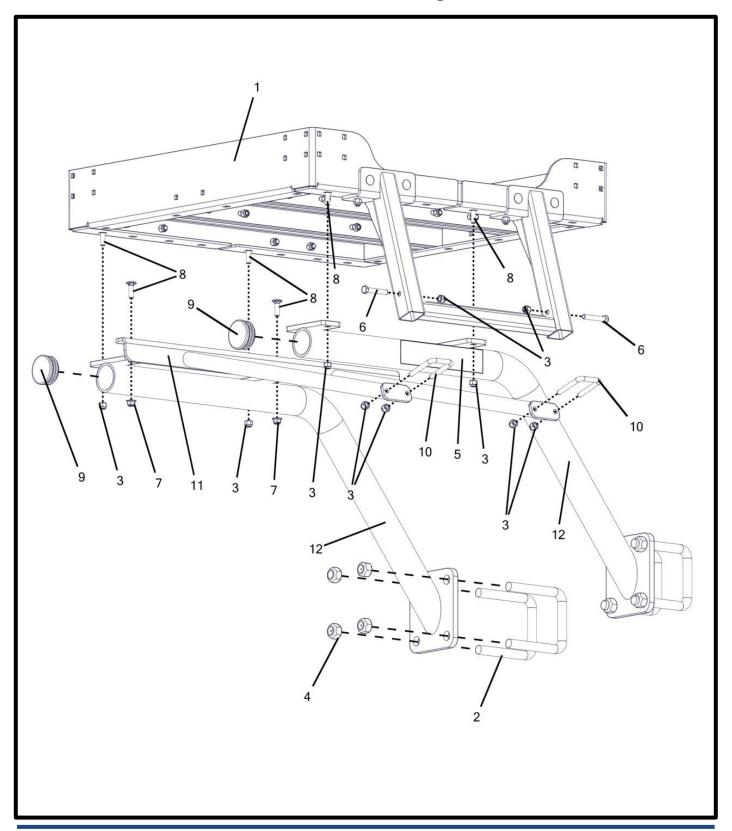
# A002198 - Deck - Right Mount Platform Gen II Railings

| Item No. | Qty. | Part Number | Description                                       |
|----------|------|-------------|---|
| 1        | 16   | P000057     | Nut - 3/8-16 Hex Nylon Lock (GR 5 M/S FA) *       |
| 2        | 2    | P000464     | Connector - Chain Spring Clip (S/S)               |
| 3        | 8    | P002231     | Bolt - 3/8-16 x 1.25 x 1 Carriage (GR 5 M/S FA)*  |
| 4        | 8    | P002234     | Bolt - 3/8-16 x 2.25 x 1 Carriage (GR 5 M/S FA) * |
| 5        | 1    | P002408     | Strap - 1" X 26.5" Safety                         |
| 6        | 2    | W002363     | Rail - Straight Platform (Gen II)                 |
| 7        | 2    | W002425     | Rail - Platform Grab Gen II                       |

HARDWARE SHOWN IS INCLUDED IN K002024 (\*)



# A002198 - Deck - Right Mount Platform Gen II Platform And Mounting Brackets





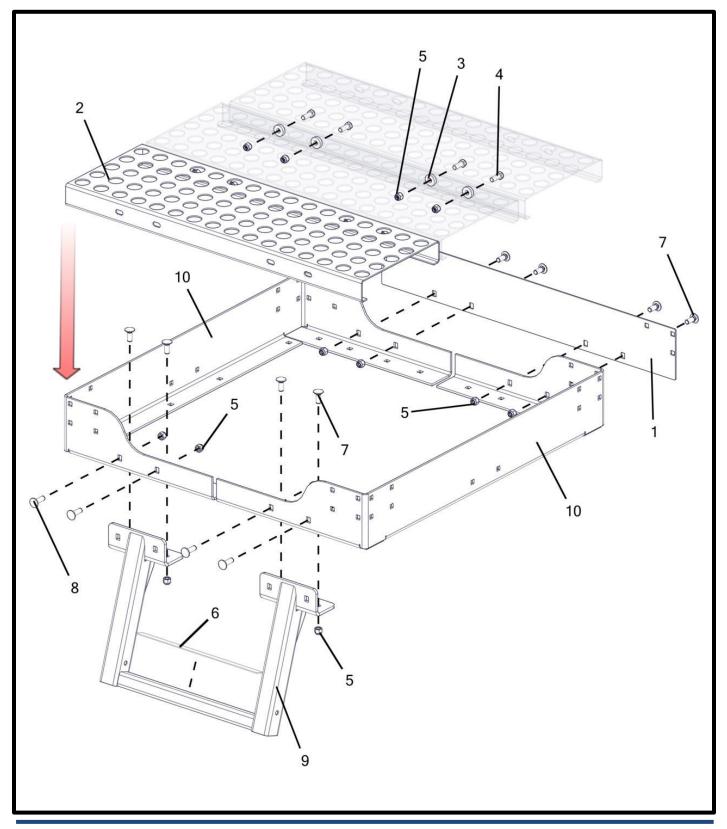
#### A002198 - Deck - Right Mount Platform Gen II Platform And Mounting Brackets

| Item No. | Qty. | Part Number | Description                                       |
|----------|------|-------------|---|
| 1        | 1    | A002135     | Deck- Platform Gen II                             |
| 2        | 4    | P000021     | U-Bolt - 3/4" x 4-1/8" x 5-1/2"                   |
| 3        | 10   | P000057     | Nut - 3/8-16 Hex Nylon Lock (GR 5 M/S FA) *       |
| 4        | 8    | P000061     | Nut - 3/4-10 Hex Metal Lock (GR 5 M/S FA) *       |
| 5        | 2    | P000199     | Tape - Reflective Yellow                          |
| 6        | 2    | P000462     | Bolt - 3/8-16 x 2.25 x 1 Hex (GR 5 M/S FA) *      |
| 7        | 2    | P002205     | Nut - 3/8-16 Flange Nylon Lock (GR 5 M/S FA) *    |
| 8        | 6    | P002231     | Bolt - 3/8-16 x 1.25 x 1 Carriage (GR 5 M/S FA) * |
| 9        | 2    | P002246     | Cap - 2-1/2" X 8-12 GA Plastic Tube               |
| 10       | 2    | P002347     | U-Bolt - 3/8" x 1-7/8" x 2-3/4"                   |
| 11       | 1    | W002404     | Brace - Platform Gen II                           |
| 12       | 2    |             | Brace - Main Deck Mount Tube                      |

HARDWARE SHOWN IS INCLUDED IN K002024 (\*)



#### A002135 - Deck- Platform Gen II





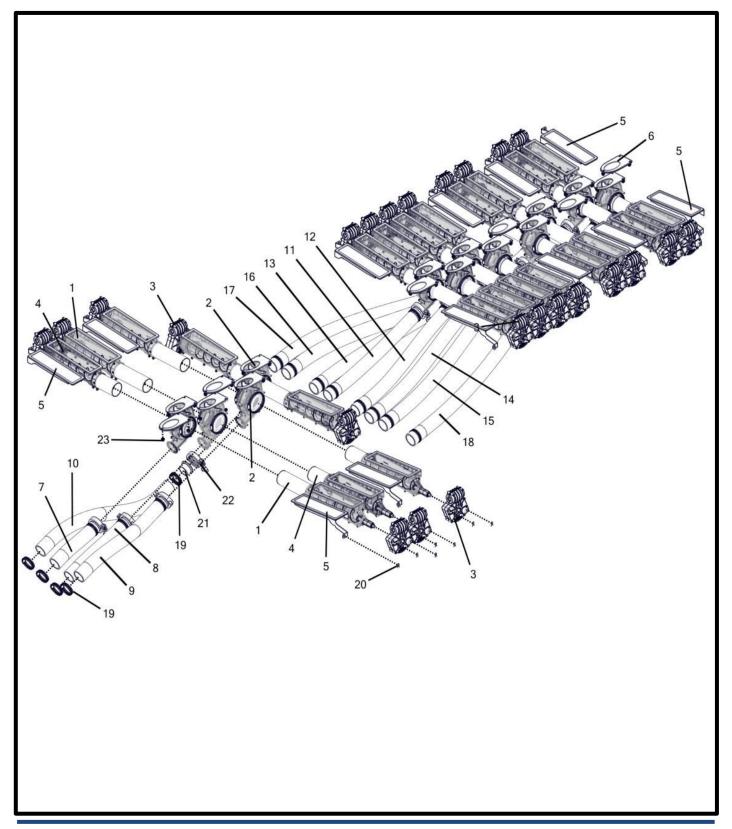
#### A002135 - Deck- Platform Gen II

| Item No. | Qty. | Part Number | Description  |
|----------|------|-------------|--|
| 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        | 1    | W002355     | Ladder- Bottom Platform (Gen II)                   |
| 10       | 2    | W002403     | Plate - Main Deck Side Gen II                      |

#### HARDWARE SHOWN IS INCLUDED IN K000185 (\*)



#### K000129 - Kit - Gen II 12 Row 2 Bin





#### K000129 - Kit - Gen II 12 Row 2 Bin

| 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) *    |

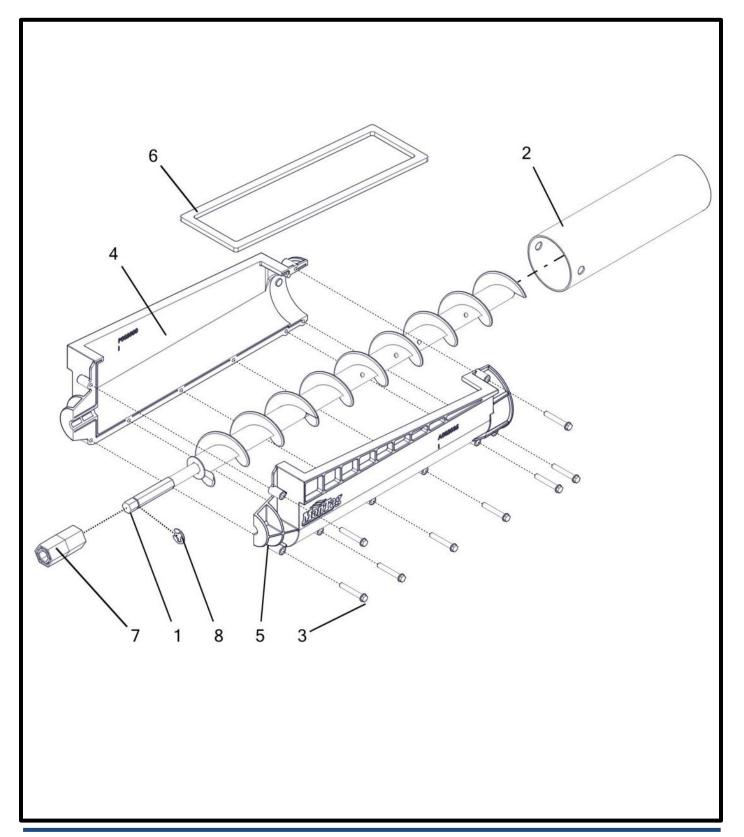
#### HARDWARE SHOWN IS INCLUDED IN K002059 (\*)

| 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)  |  |  |  |



# A002000 - Cartridge - Gen II 2" x 20.5" Auger





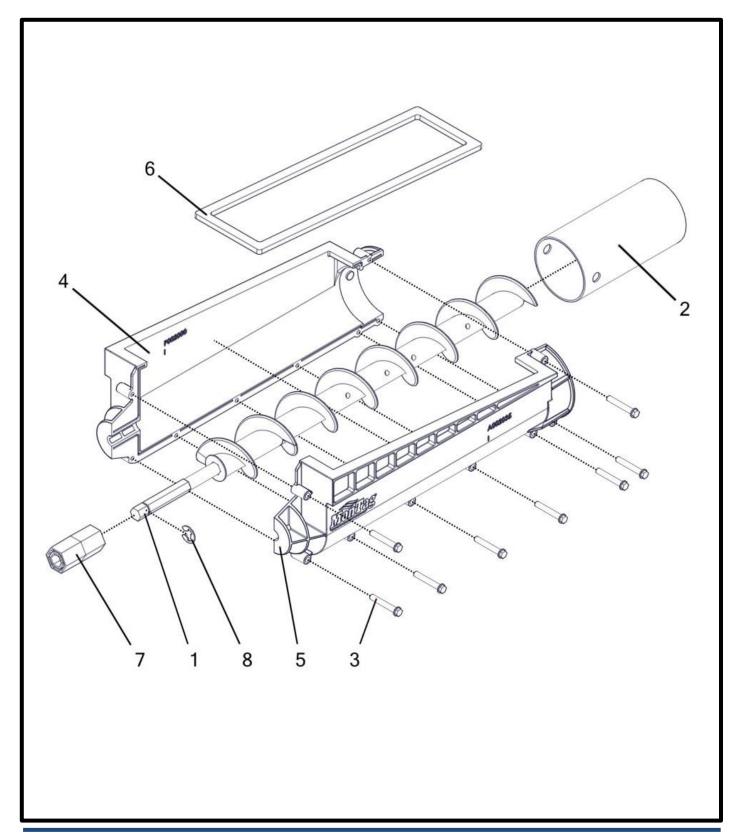
# A002000 - Cartridge - Gen II 2" x 20.5" Auger

| Item No. | Qty | Part Number | Description  |  |
|----------|-----|-------------|--|--|
| 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        | 2   | P002711 *   | Gasket - Gen 2 Cartridge                           |  |
| 7        | 1   | P002033     | Coupler - Plastic 7/8in to 7/16in Shear Hex        |  |
| 8        | 1   | P002215     | Retainer - 3/8" E-Clip                             |  |

<sup>\* 2018</sup> VERSION SUPERSEDES AND IS RETROFITTABLE (2 REQUIRED)



# A002025 - Cartridge - Gen II 2" x 17.5" Auger





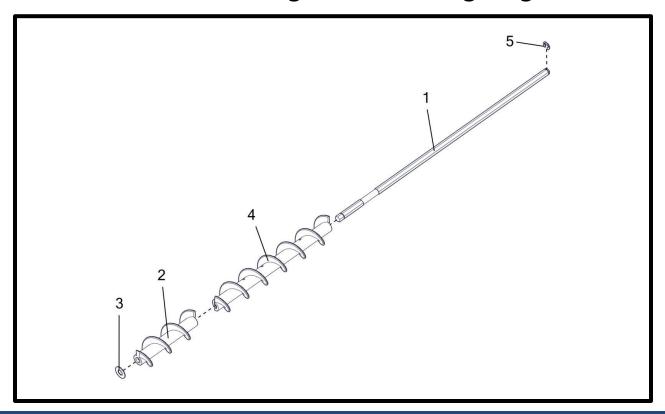
# A002025 - Cartridge - Gen II 2" x 17.5" Auger

| Item No. | Qty. | Part Number | Description  |  |
|----------|------|-------------|--|--|
| 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        | 2    | P002711 *   | Gasket - Gen II Cartridge (.1875)                  |  |
| 7        | 1    | P002033     | Coupler - 7/8" to 7/16" Shear Hex                  |  |
| 8        | 1    | P002215     | Retainer - 3/8" E-Clip                             |  |

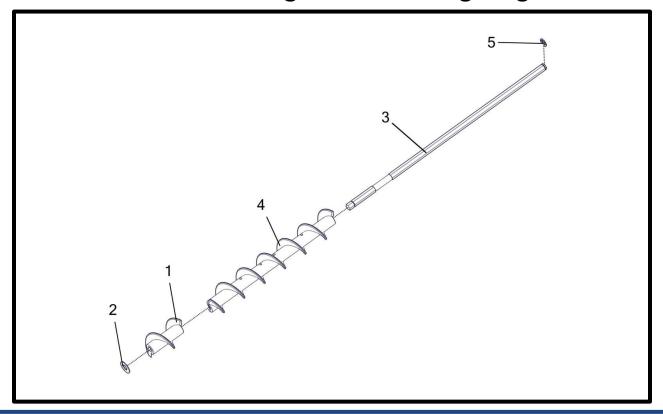
<sup>\* 2018</sup> VERSION SUPERSEDES AND IS RETROFITTABLE (2 REQUIRED)



# A002023 - Auger - 2" x 18" Flighting



# A002026 - Auger - 2" x 15" Flighting





# A002023 - Auger - 2" x 18" Flighting

| Item No. | Qty. | Part Number | Description                                |
|----------|------|-------------|--|
| 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                     |

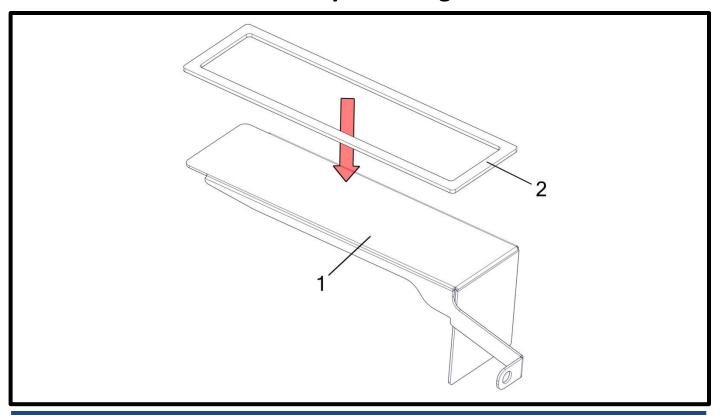
# A002026 - Auger - 2" x 15" Flighting

| Item No. | Qty. | Part Number | Description                                |
|----------|------|-------------|--|
| 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                     |

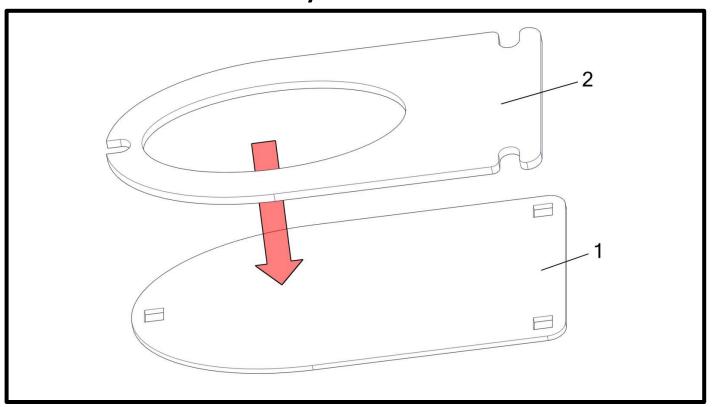
See inside front cover for details.



# A002055 - Assembly - Cartridge Blank Gen II



# A002187 - Assembly - Air Chamber Blank Gen II





#### A002055 - Assembly - Cartridge Blank Gen II

| Item No. | Qty. | Part Number | Description                      |
|----------|------|-------------|----------------------------------|
| 1        | 1    | M002192     | Blank - Formed Cartridge         |
| 2        | 2    | P002713 *   | Gasket - Gen II Cartridge (.125) |

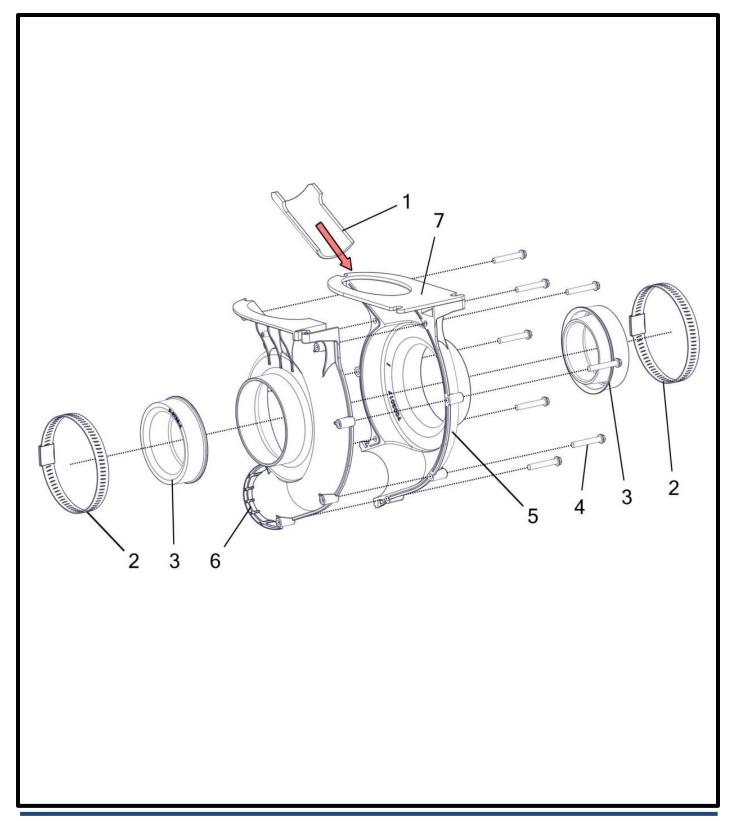
<sup>\* 2018</sup> VERSION SUPERSEDES AND IS RETROFITTABLE (2 REQUIRED)

#### A002187 - Assembly - Air Chamber Blank Gen II

|   | Part No. | Qty. | Part Number | Description                   |
|---|----------|------|-------------|-------------------------------|
|   | 1        | 1    | M002244     | Plate - Air Chamber Cover     |
| Г | 2        | 1    | P002047     | Gasket - Air Chamber Mounting |



#### A002014 - Air Chamber - Gen II Bolt-On





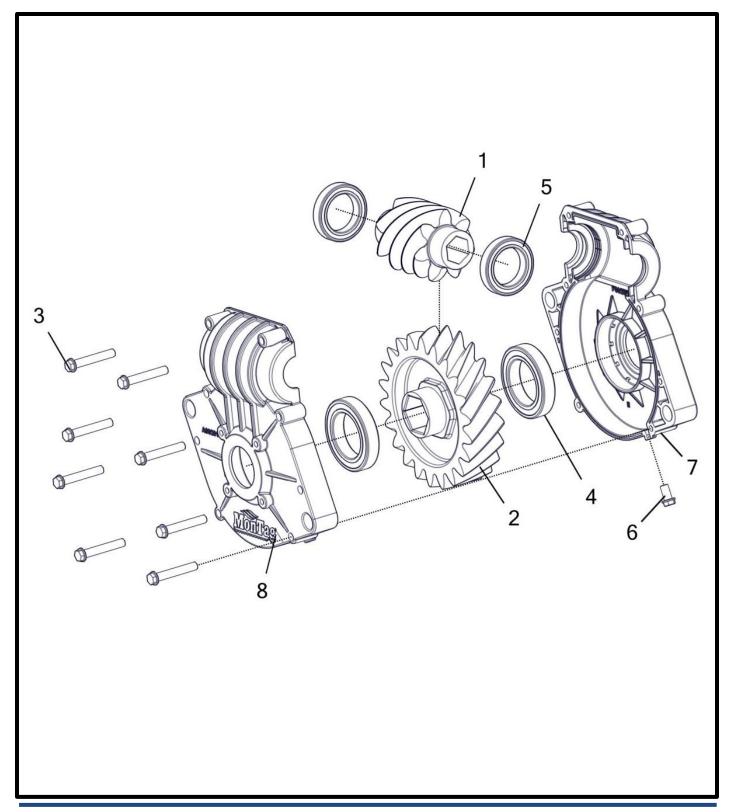
#### A002014 - Air Chamber - Gen II Bolt-On

| Item No. | Qty. | Part Number | Description   |
|----------|------|-------------|---|
| 1        | 1    |             | 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                             |

See inside front cover for details.



# A002017 - Gear Box - Plastic 5/8 Hex - 7/8 Hex (22/7 Ratio)





# A002017 - Gear Box - Plastic 5/8 Hex - 7/8 Hex (22/7 Ratio)

| Item No. | Qty | Part Number | Description   |
|----------|-----|-------------|---|
| 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   | P002032     | Housing - Plastic Gear Box 22:7 (Right) w/ Drain                  |
| 7        | 1   | P002039     | Housing - Plastic Gear Box 22:7 (Left) w/ Drain                   |



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# **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

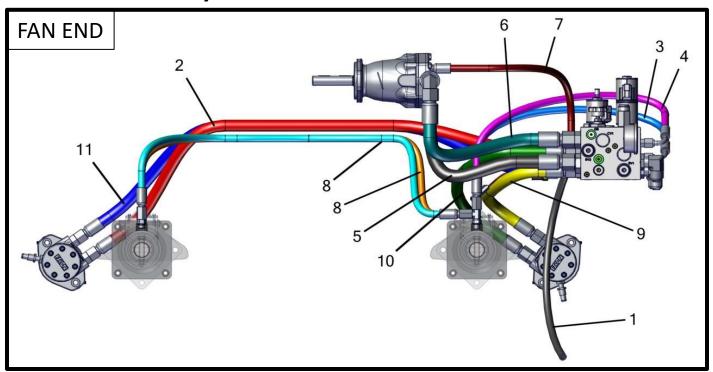
| KIT NO. | DESCRIPTION                         |
|---------|-------------------------------------|
| K000172 | Kit - 2 Bin 2 Section Gen II Add-On |
| K000173 | Kit - 2 Bin 3 Section Gen II Add-On |
| K000174 | Kit - 2 Bin 4 Section Gen II Add-On |

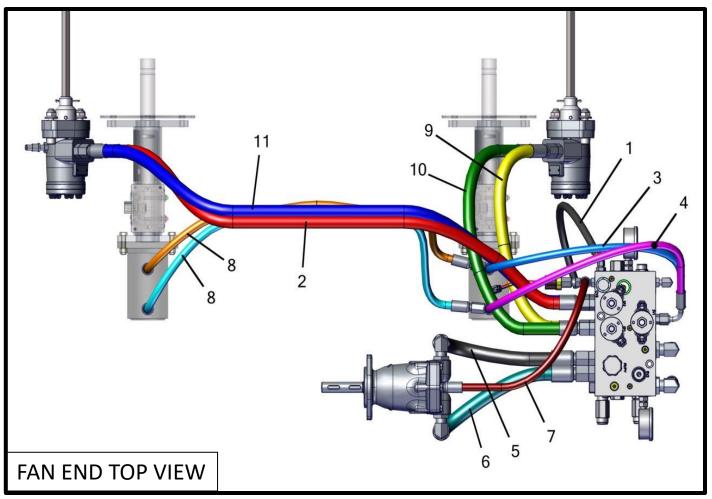
|                        | CONVERSION GUIDE         |
|------------------------|--------------------------|
| MACHINE CONVERSION:    | REQUIRES:                |
| 1-SECTION TO 2-SECTION | (1) K000172              |
| 1-SECTION TO 3-SECTION | (1) K002938              |
| 1-SECTION TO 4-SECTION | (1) K002938, (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              |

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# **Hydraulics – One Section Hoses**

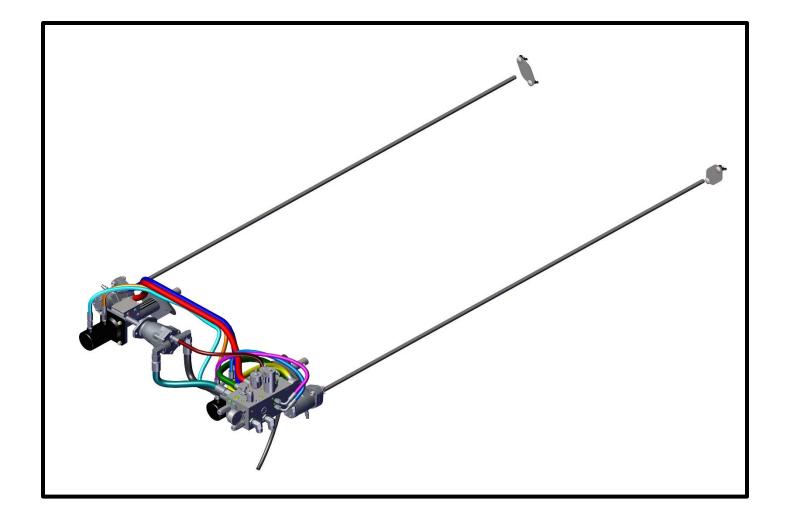






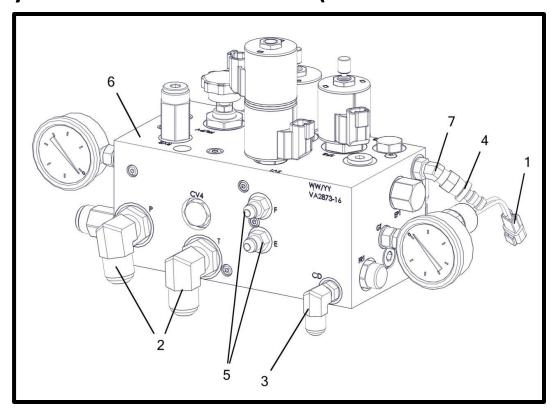
# **Hydraulics – One Section Hoses**

| Item No. | Qty. | Part Number  | Description  |
|----------|------|--------------|--|
| 1        | 1    | M001042      | Hose - Manifold Case Drain Bypass                      |
| 2        | 1    | P000912 (C2) | Hose - Hyd - 1/2" x 75"(#10 F JIC x #10 F JIC)         |
| 3        | 1    | P000927 (E)  | Hose - Hyd - 3/8" x 31" (#6 F JIC Elbow 90 x #6 F JIC) |
| 4        | 1    | P000927 (F)  | Hose - Hyd - 3/8" x 31" (#6 F JIC Elbow 90 x #6 F JIC) |
| 5        | 1    | P002236 (A)  | Hose - Hyd - 3/4" x 20" (#12 F JIC x #12 F JIC)        |
| 6        | 1    | P002236 (B)  | Hose - Hyd - 3/4" x 20" (#12 F JIC x #12 F JIC)        |
| 7        | 1    | P002416 (CD) | Hose - Hyd - 3/8" x 21" (#6 M O-Ring x #6 F JIC)       |
|          |      | P002582      | O-Ring - #6 Buna (4000-06)                             |
| 8        | 2    | 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)        |

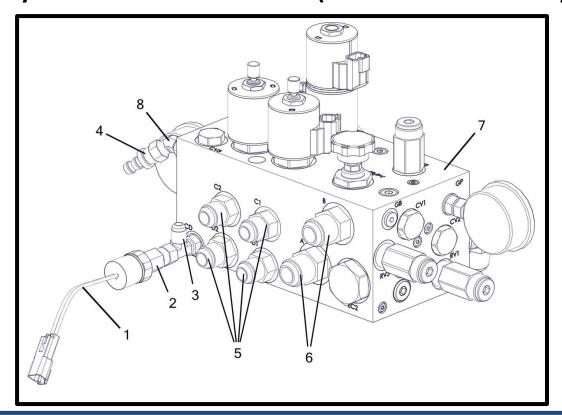




#### **Hydraulic Block – Front View (All Section Variations)**



#### **Hydraulic Block – Rear View (All Section Variations)**





#### **Hydraulic Block – Front View (All Section Variations)**

| Item No. | Qty. | Part Number | Description   |
|----------|------|-------------|---|
| 1        | 1    | P000378     | Switch - Hyd Pressure Sensor (15-35 PSI) (Case Drain) |
| 2        | 2    | P000385     | Fitting - Hyd - #12 M O-Ring x #12 M JIC Elbow 90     |
|          |      | P002585     | O-Ring - #12 Buna (4000-12)                           |
| 3        | 1    | P000386     | Fitting - Hyd - #6 M O-Ring x #8 M JIC Elbow 90       |
|          |      | P002582     | O-Ring - #6 Buna (4000-06)                            |
| 4        | 1    | P000391     | Fitting - #6 F JIC Adapter to 3/8" Push-Lock Barb     |
| 5        | 2    | P000928     | Fitting - Hyd - #6 M O-Ring x #6 M JIC Straight       |
|          |      | P002582     | O-Ring - #6 Buna (4000-06)                            |
| 6        | 1    | P002227     | Manifold - Gen II Hydraulic Control                   |
| 7        | 1    | P002432     | Fitting - Hyd - #6 M O-Ring x #6 M JIC Elbow 45       |
|          |      | P002582     | O-Ring - #6 Buna (4000-06)                            |

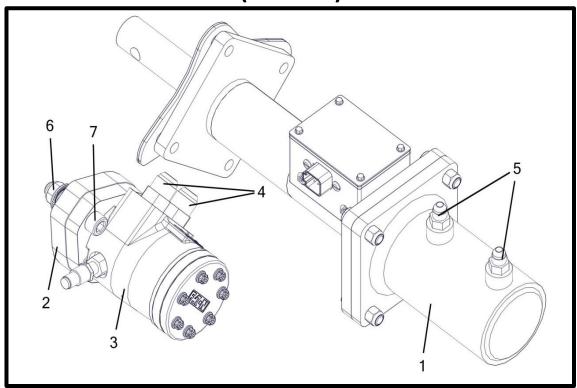
#### **Hydraulic Block – Rear View (All Section Variations)**

| Item No. | Qty. | Part Number | Description   |
|----------|------|-------------|---|
| 1        | 1    | P000378     | Switch - Hyd Pressure Sensor (15-35 PSI) (Case Drain) |
| 2        | 1    | P000388     | Fitting - Hyd - #6 F JIC x 1/4" F Pipe Adapter Union  |
| 3        | 1    | P000389     | Fitting - Hyd - 1&3=#6 M JIC, 2=#6 M O-Ring Tee       |
|          |      | P002582     | O-Ring - #6 Buna (4000-06)                            |
| 4        | 1    | P000391     | Fitting - #6 F JIC Adapter to 3/8" Push-Lock Barb     |
| 5        | 4    | P000836     | Fitting - Hyd - #10 M O-Ring x #10 M JIC Straight     |
|          |      | P002584     | O-Ring - #10 Buna (4000-10)                           |
| 6        | 2    | P000931     | Fitting - Hyd #12 M O-Ring x #12 M JIC Straight       |
|          |      | P002585     | O-Ring - #12 Buna (4000-12)                           |
| 7        | 1    | P002227     | Manifold - Gen II Hydraulic Control                   |
| 8        | 1    | P002432     | Fitting - Hyd - #6 M O-Ring x #6 M JIC Elbow 45       |
|          |      | P002582     | O-Ring - #6 Buna (4000-06)                            |

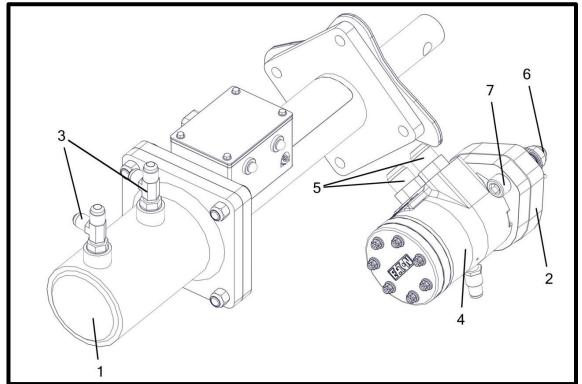
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# One Section Slide Gate Cylinder & Drive Motor – Tank 2 (Fan End)



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)       |

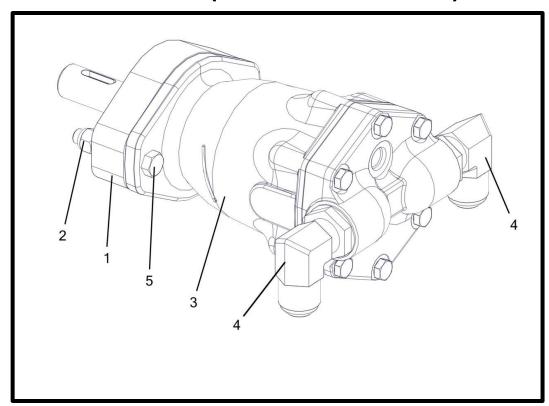
# One Section Slide Gate Cylinder & Drive Motor – Tank 1 (Fan End)

| 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)       |

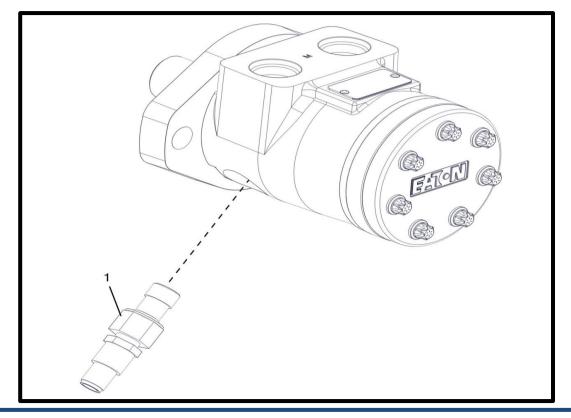
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# **Fan Motor (All Section Variations)**



# **Speed Sensor (All Section Variations)**





#### **Fan Motor (All Section Variations)**

| Item No. | Qty. | Part Number | Description                                       |
|----------|------|-------------|---|
| 1        | 1    | M002672     | Plate - Motor Spacer "2-Bolt SAE A" (1")          |
| 2        | 2    | P000105     | Nut - 3/8-16 Hex Nylon Lock (F594 316 S/S FB) *   |
| 3        | 1    | P000354     | Motor - Eaton 16 & 24 Row Fan (74118)             |
| 4        | 2    | P000385     | Fitting - Hyd - #12 M O-Ring x #12 M JIC Elbow 90 |
|          |      | P002585     | O-Ring - #12 Buna (4000-12)                       |
| 5        | 2    | P000930     | Bolt - 3/8-16 x 2.25 x 1 Hex (F593 304 S/S FB) *  |

#### HARDWARE SHOWN IS INCLUDED IN K000190 (\*)

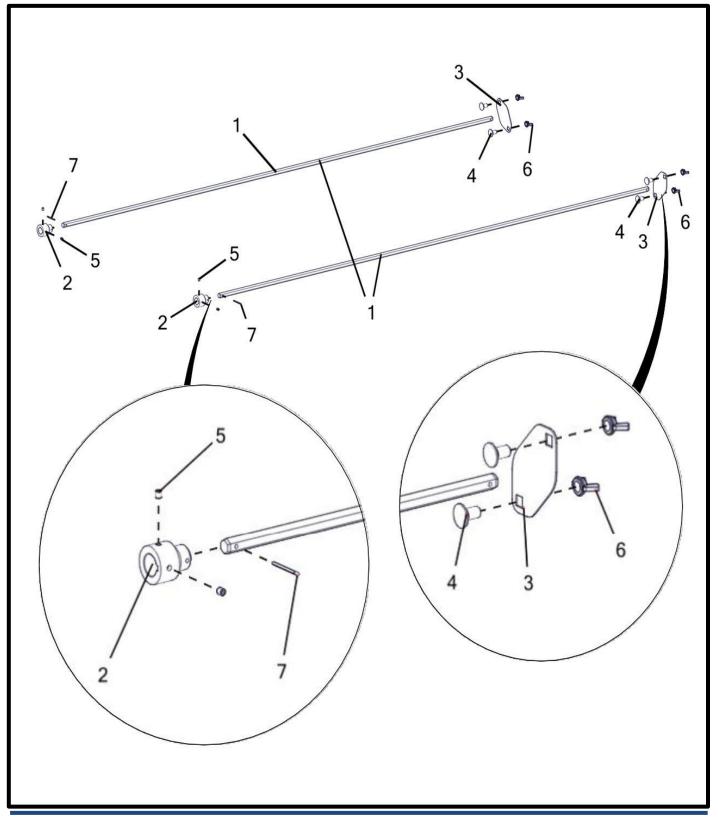
#### **Speed Sensor (All Section Variations)**

| Item No. | Qty. | Part Number | Description  |
|----------|------|-------------|--|
| 1        | 1    | P000926     | Sensor - Char-Lynn Motor Speed Sensor (60 Pulse) 12 Volt |

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#### **One Section Drive Shafts And Covers**



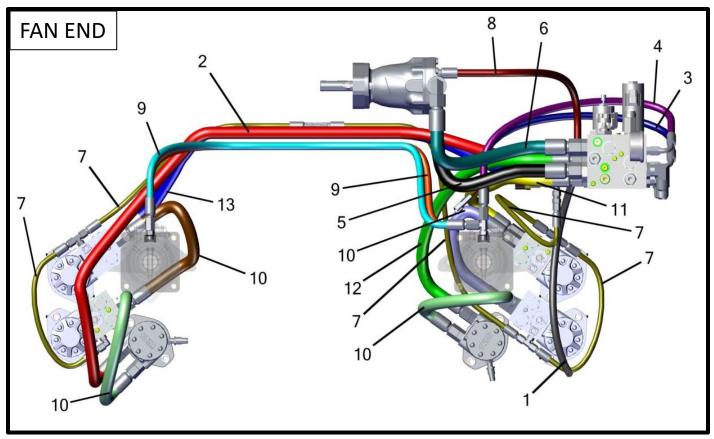


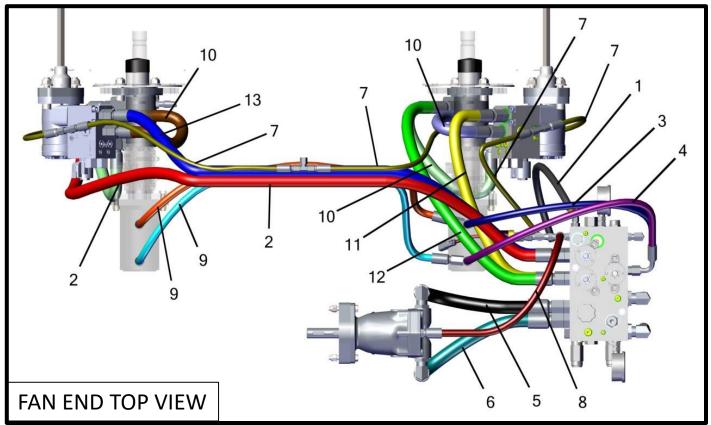
#### **One Section Drive Shafts And Covers**

| Item No. | Qty. | Part Number | Description                                      |  |
|----------|------|-------------|--|--|
| 1        | 2    | M002039     | Shaft - 5/8" Long Drive                          |  |
| 2        | 2    | M002152FA   | 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**



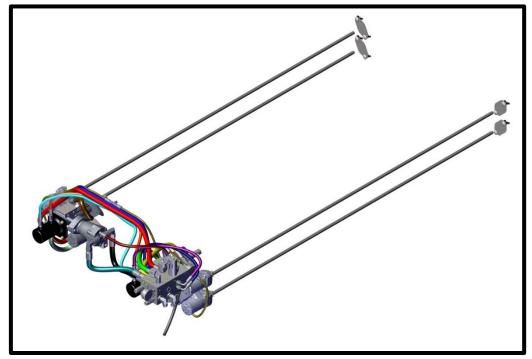




#### **Hydraulics – Two Section Hoses**

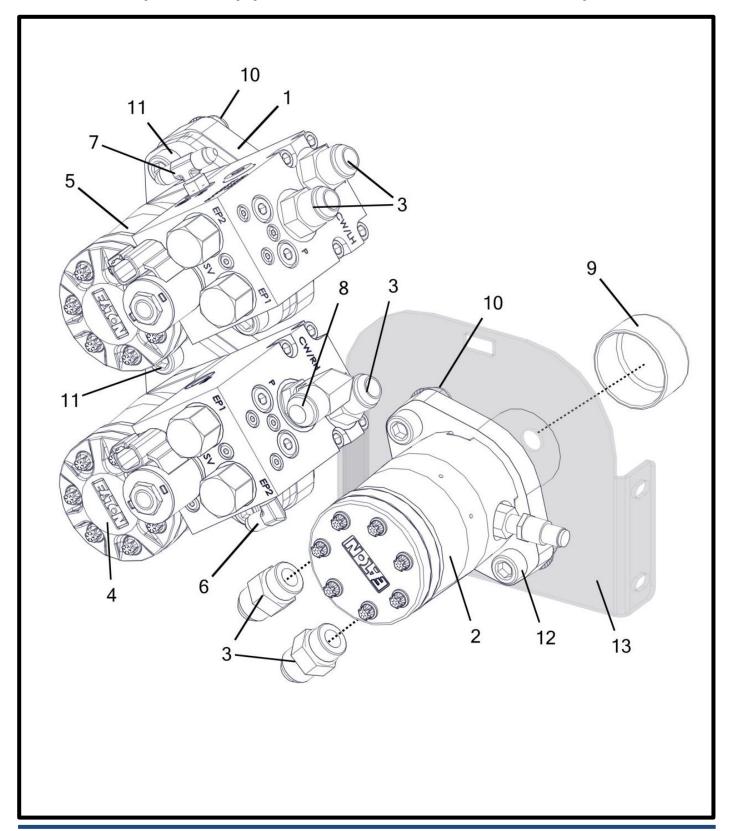
| Item No. | Qty. | Part Number  | Description  |
|----------|------|--------------|--|
| 1        | 1    | M001042      | Hose - Manifold Case Drain Bypass                      |
| 2        | 1    | P000912 (C2) | Hose - Hyd - 1/2" x 75" (#10 F JIC x #10 F JIC)        |
| 3        | 1    | P000927 (E)  | Hose - Hyd - 3/8" x 31" (#6 F JIC Elbow 90 x #6 F JIC) |
| 4        | 1    | P000927 (F)  | Hose - Hyd - 3/8" x 31" (#6 F JIC Elbow 90 x #6 F JIC) |
| 5        | 1    | P002236 (A)  | Hose - Hyd - 3/4" x 20" (#12 F JIC x #12 F JIC)        |
| 6        | 1    | P002236 (B)  | Hose - Hyd - 3/4" x 20" (#12 F JIC x #12 F JIC)        |
| 7        | 5    | P002412      | Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)          |
| 8        | 1    | P002416 (CD) | Hose - Hyd - 3/8" x 21" (#6 M O-Ring x #6 F JIC)       |
|          |      | P002582      | O-Ring - #6 Buna (4000-06)                             |
| 9        | 2    | P002418      | Hose - Hyd - 3/8" x 41"(#6 F JIC x #6 F JIC)           |
| 10       | 4    | P002419      | Hose - Hyd - 1/2" x 25" (#10 F JIC x #10 F JIC)        |
| 11       | 1    | P002419 (D1) | Hose - Hyd - 1/2" x 25" (#10 F JIC x #10 F JIC)        |
| 12       | 1    | P002422 (C1) | Hose - Hyd - 1/2" x 48" (#10 F JIC x #10 F JIC)        |
| 13       | 1    | P002422 (D2) | Hose - Hyd - 1/2" x 48" (#10 F JIC x #10 F JIC)        |

# Two Section Also Requires: Hydraulic Block – pg. 98-99 Fan Motor/ Speed Sensor – pg. 102-103





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



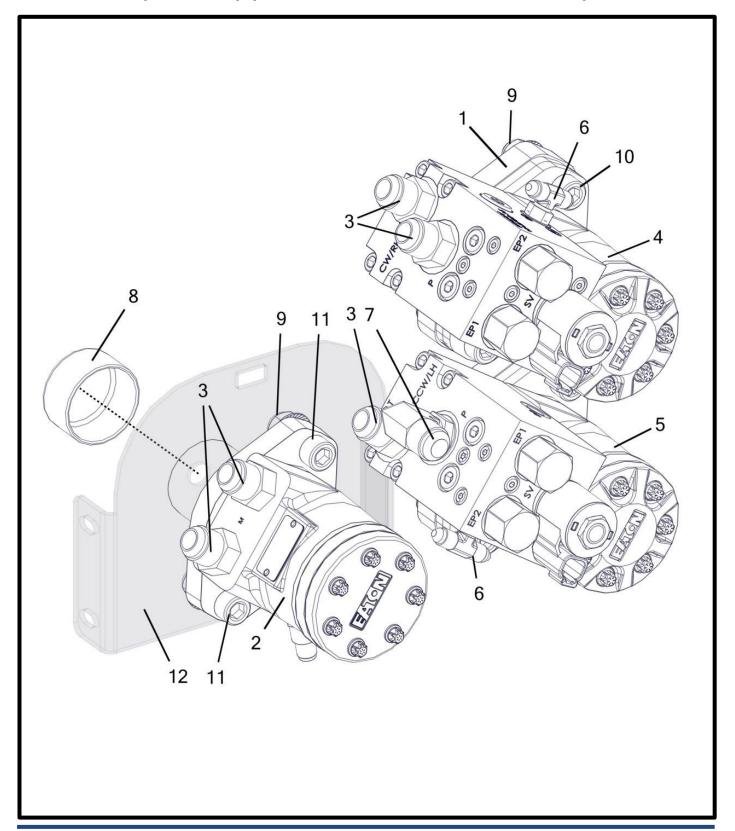


## Speed Sensor & Drive Motors – Tank 2 (Fan End) (Two, Three, And Four Section)

| 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        | 5    | 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                                       |



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





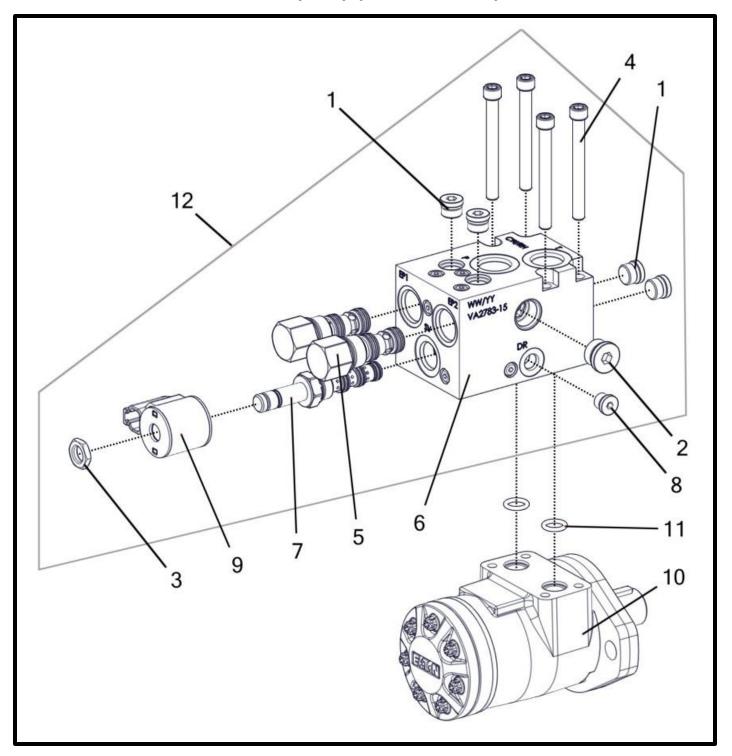
### **Speed Sensor & Drive Motors – Tank 1** (Fan End) (Two, Three, And Four Section)

| Item No. | Qty. | Part Number | Description  |  |
|----------|------|-------------|--|--|
| 1        | 2    | M002604     | Plate - Motor Spacer (3/4")  |  |
| 2        | 1    |             | Motor - Hyd. 4.5 CU/IN Char-Lynn w/ Speed Sensor (101-3525-009)        |  |
| 3        | 5    | 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                                       |  |

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# P000881 - Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CW) (MA2783-15)





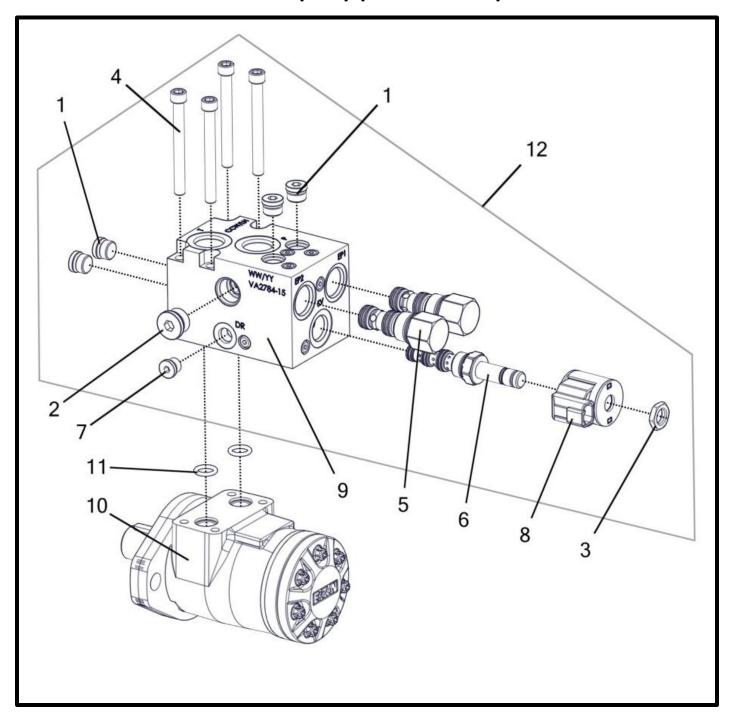
# P000881 - Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CW) (MA2783-15)

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

See inside front cover for details.



# P000882 - Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CW) (MA2783-15)



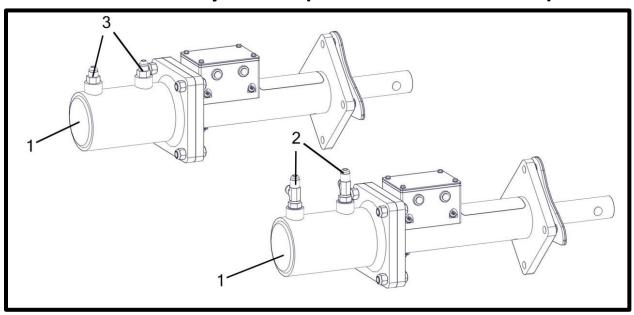


# P000882 - Motor - Hyd. 4.5 CU/IN Char-Lynn Single Poppet Valve (CW) (MA2783-15)

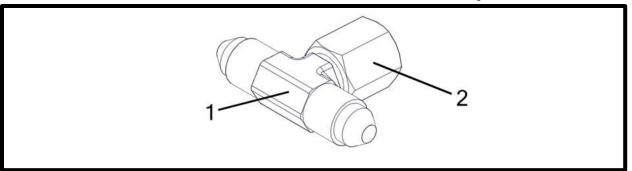
| Item No. | Qty | Part Number | Description   |
|----------|-----|-------------|---|
| 1        | 4   | P000788     | Plug - Hyd #06 O-Ring 6408-HHP-06                                   |
|          |     | P002582     | O-Ring - #6 Buna (4000-06)  |
| 2        | 1   | P000789     | Plug - Hyd #08 O-Ring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



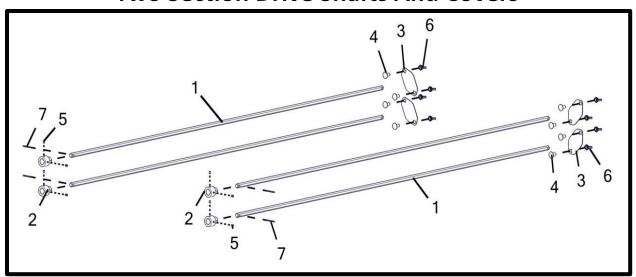
## **Slide Gate Cylinders (All Section Variations)**



### **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       |  |

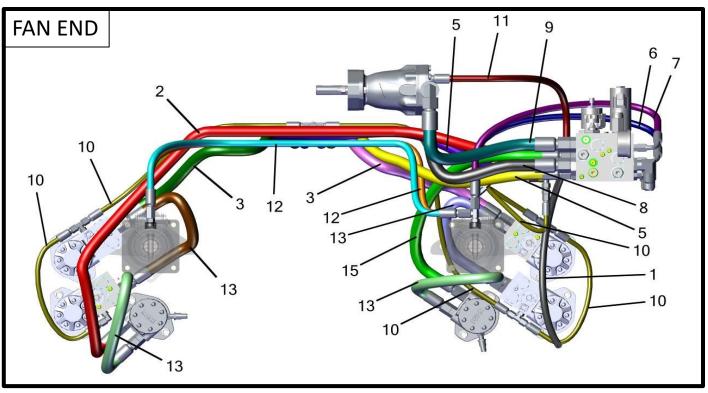
#### **Two Section Drive Shafts And Covers**

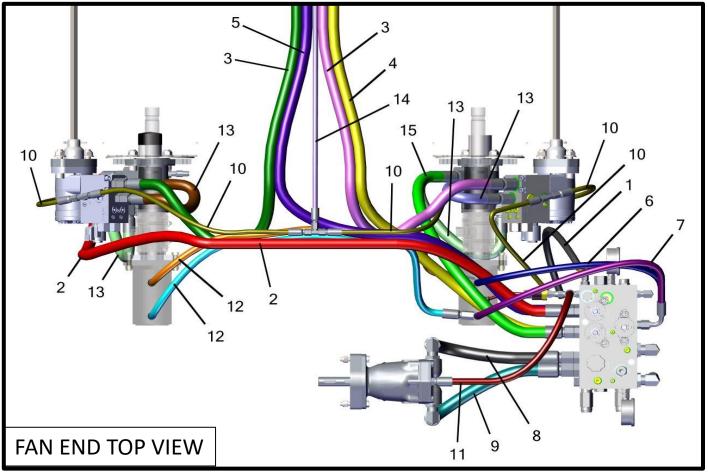
| Item No. | Qty. | Part Number | Description                                      |
|----------|------|-------------|--|
| 1        | 4    | M002039     | Shaft - 5/8" Long Drive                          |
| 2        | 4    | M002152FA   | Coupler - 1" Round w/ Keyway to 5/8" Hex Shaft   |
| 3        | 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)                |

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## **Hydraulics – Three Section Hoses (Fan End)**





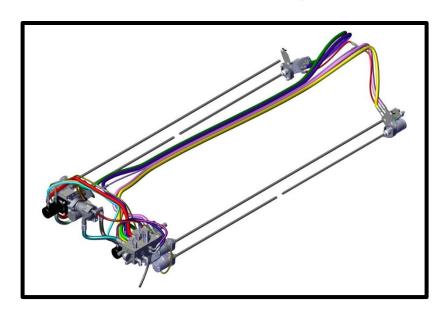


#### **Hydraulics – Three Section Hoses (Fan End)**

| Item No. | Qty. | Part Number  | Description  |
|----------|------|--------------|--|
| 1        | 1    | M001042      | Hose - Manifold Case Drain Bypass                      |
| 2        | 1    | P000912 (C2) | Hose - Hyd - 1/2" x 75" (#10 F JIC x #10 F JIC)        |
| 3        | 2    | P000915      | Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)       |
| 4        | 1    | P000915 (D1) | Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)       |
| 5        | 1    | P000915 (D2) | 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       | 5    | P002412      | Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)          |
| 11       | 1    | P002416 (CD) | Hose - Hyd - 3/8" x 21" (#6 M O-Ring x #6 F JIC)       |
|          |      | P002582      | O-Ring - #6 Buna (4000-06)                             |
| 12       | 2    | P002418      | Hose - Hyd - 3/8" x 41"(#6 F JIC x #6 F JIC)           |
| 13       | 4    | P002419      | Hose - Hyd - 1/2" x 25" (#10 F JIC x #10 F JIC)        |
| 14       | 1    | P002420      | Hose - Hyd - 1/4" x 110" (#4 F JIC x #4 F JIC)         |
| 15       | 1    | P002422 (C1) | Hose - Hyd - 1/2" x 48" (#10 F JIC x #10 F JIC)        |

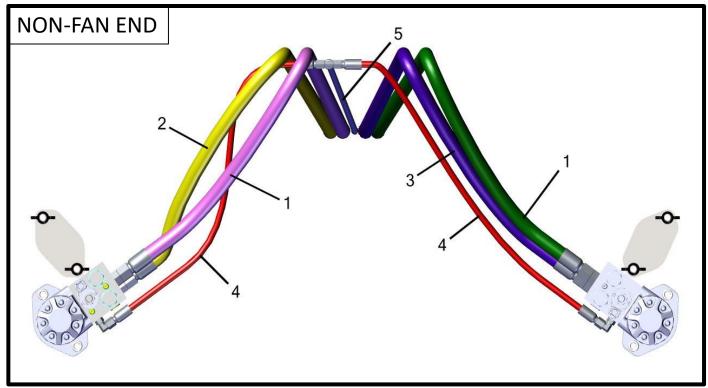
#### **Three Section Also Requires:**

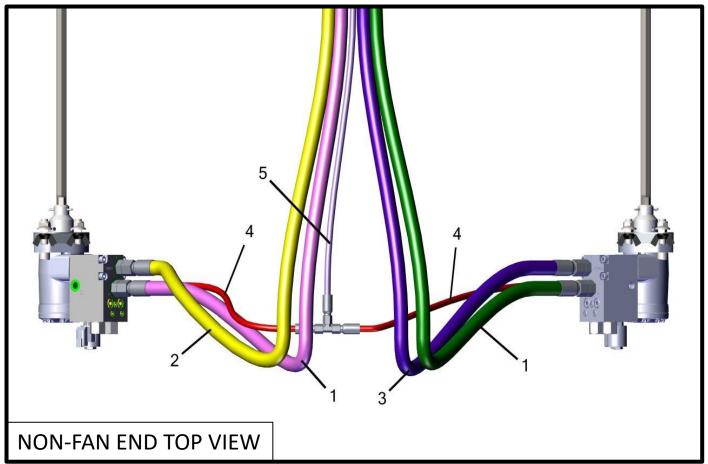
Hydraulic Block – pg. 98-99
Fan Motor/ Speed Sensor – pg. 102-103
Fan-End Motors – pg. 108-111
Slide Gate Cylinders – pg. 116-117





## **Hydraulics – Three Section Hoses (Non-Fan End)**

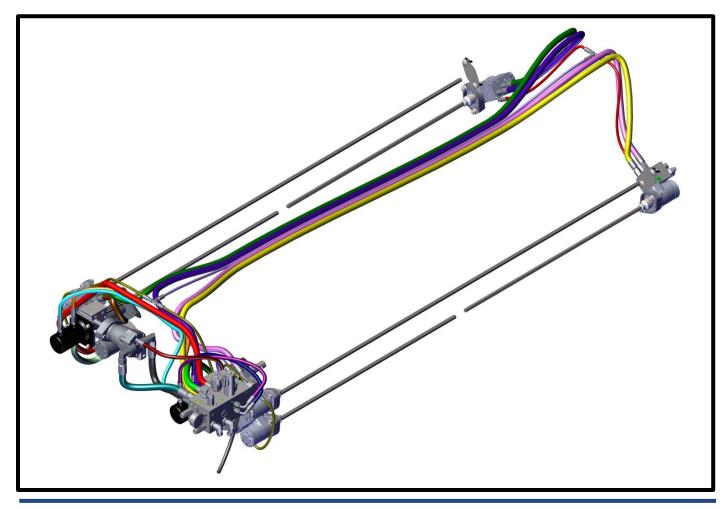






## **Hydraulics – Three Section Hoses (Non-Fan End)**

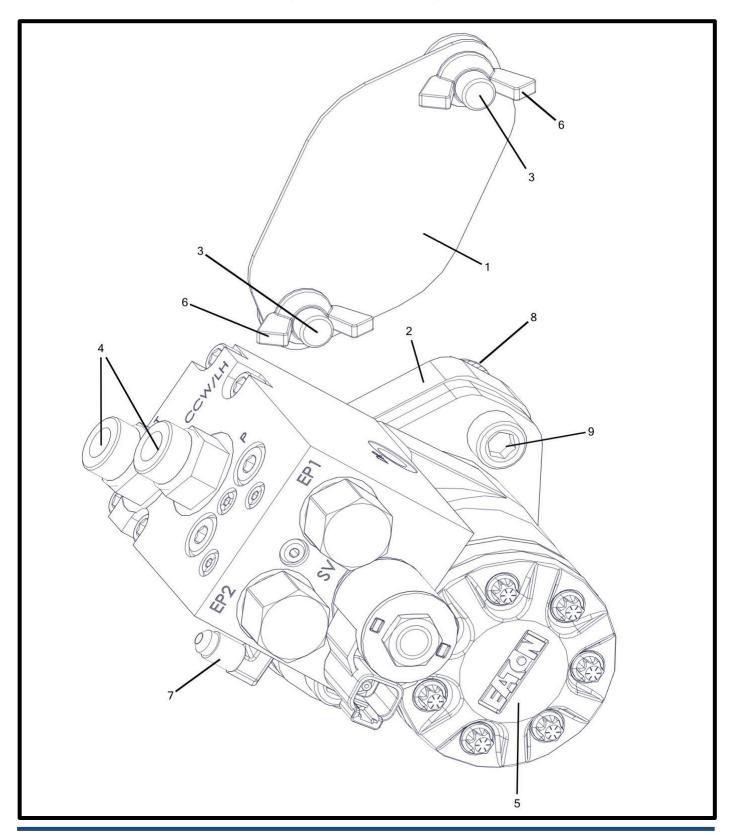
| Item No. | Qty. | Part Number  | Description                                      |
|----------|------|--------------|--|
| 1        | 2    | P000915      | Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC) |
| 2        | 1    | P000915 (D1) | Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC) |
| 3        | 1    | P000915 (D2) | Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC) |
| 4        | 2    | P002412      | Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)    |
| 5        | 1    | P002420      | Hose - Hyd - 1/4" x 110" (#4 F JIC x #4 F JIC)   |



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





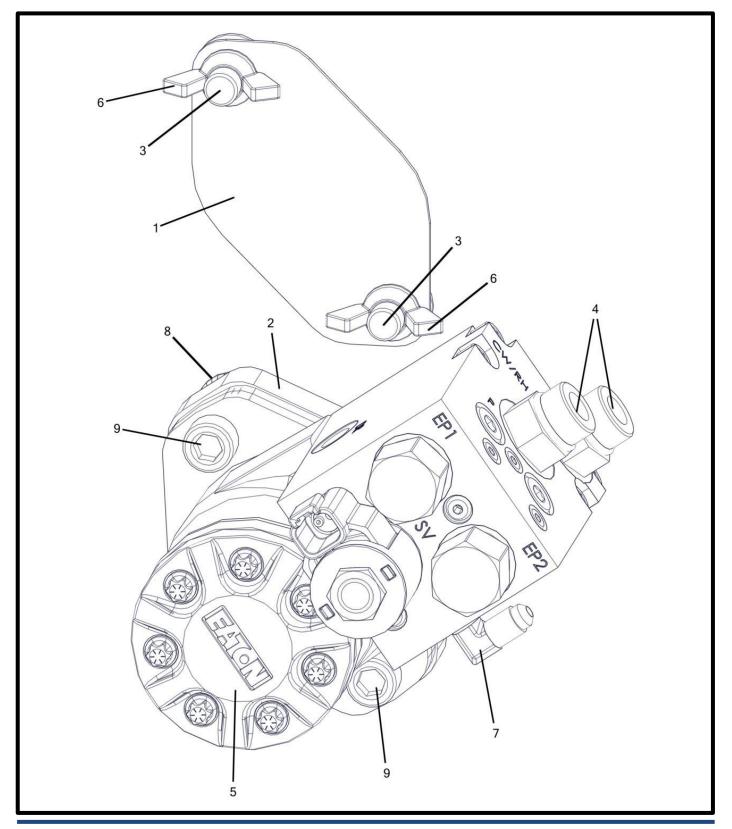
## Three Section Rear Drive Motor – Tank 2 (Non-Fan End)

| 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)              |  |

<sup>\*</sup>See Pg. 114-115 for P000882 Breakdown



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





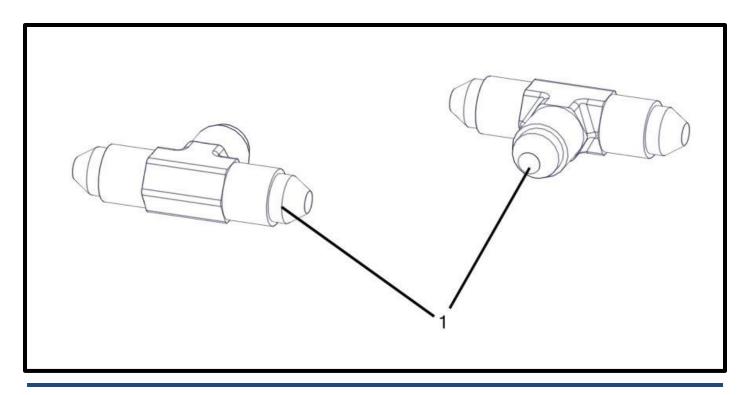
## Three Section Rear Drive Motor – Tank 1 (Non-Fan End)

| 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)             |  |

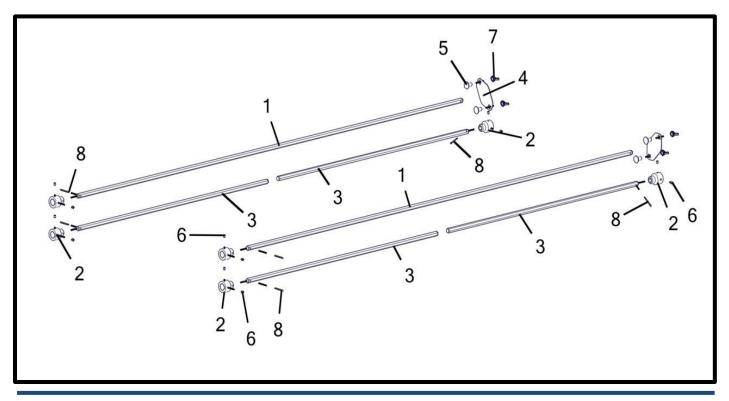
<sup>\*</sup>See Pg. 112-113 for P000881 Breakdown



#### **Front And Rear Center Tees (Three And Four Section)**



#### **Three Section Drive Shafts**





### Front and Rear Center Tees (Three And Four Section)

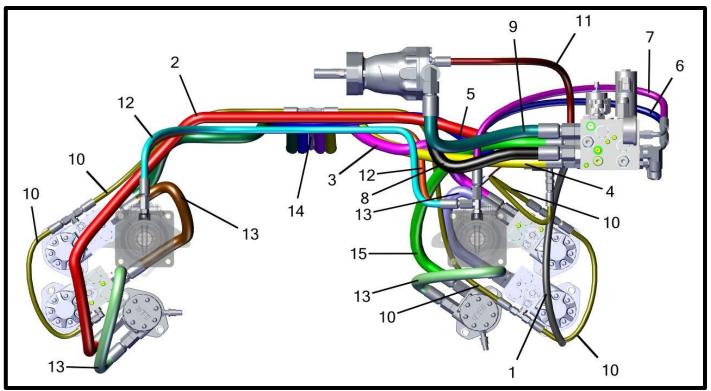
| Item No. | Qty. | Part Number | Description                        |
|----------|------|-------------|------------------------------------|
| 1        | 2    | P000922     | Fitting - Hyd - 1&2&3=#4 M JIC Tee |

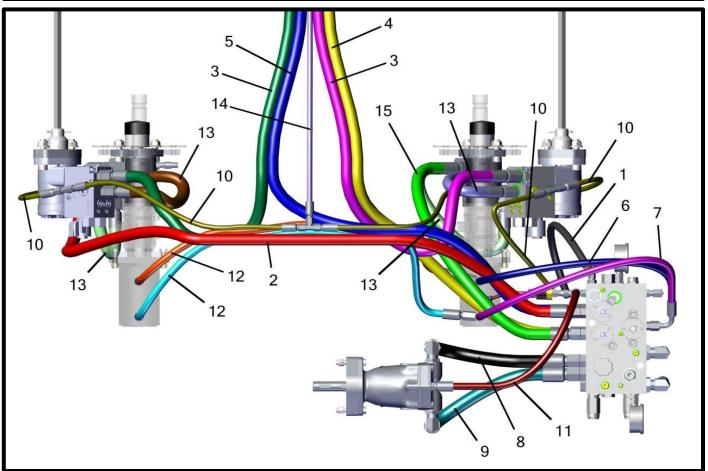
#### **Three Section Drive Shafts**

| Item No. | Qty. | Part Number | Description                                      |
|----------|------|-------------|--|
| 1        | 2    | M002039     | Shaft - 5/8" Long Drive                          |
| 2        | 6    | M002152FA   | 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)**





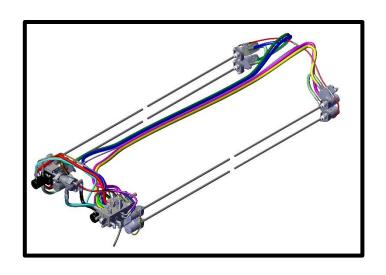


#### **Hydraulics – Four Section Hoses (Fan End)**

| Item No. | Qty. | Part Number  | Description  |
|----------|------|--------------|--|
| 1        | 1    | M001042      | Hose - Manifold Case Drain Bypass                      |
| 2        | 1    | P000912 (C2) | Hose - Hyd - 1/2" x 75" (#10 F JIC x #10 F JIC)        |
| 3        | 2    | P000915      | Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)       |
| 4        | 1    | P000915 (D1) | Hose - Hyd - 1/2" x 144" (#10 F JIC x #10 F JIC)       |
| 5        | 1    | P000915 (D2) | 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       | 9    | P002412      | Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)          |
| 11       | 1    | P002416 (CD) | Hose - Hyd - 3/8" x 21" (#6 M O-Ring x #6 F JIC)       |
|          |      | P002582      | O-Ring - #6 Buna (4000-06)                             |
| 12       | 2    | P002418      | Hose - Hyd - 3/8" x 41"(#6 F JIC x #6 F JIC)           |
| 13       | 6    | P002419      | Hose - Hyd - 1/2" x 25" (#10 F JIC x #10 F JIC)        |
| 14       | 1    | P002420      | Hose - Hyd - 1/4" x 110" (#4 F JIC x #4 F JIC)         |
| 15       | 1    | P002422 (C1) | Hose - Hyd - 1/2" x 48" (#10 F JIC x #10 F JIC)        |

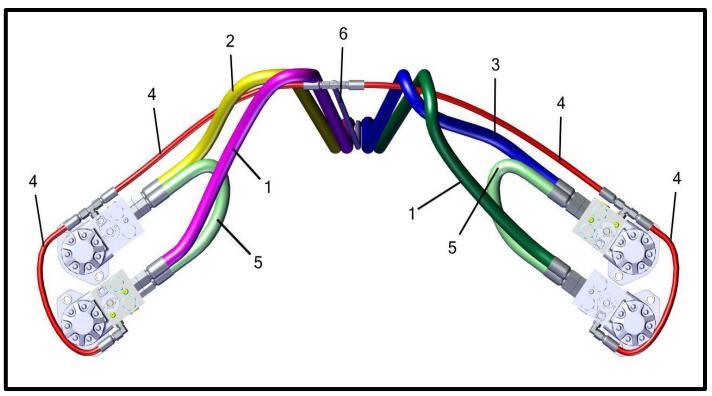
#### **Four Section Also Requires:**

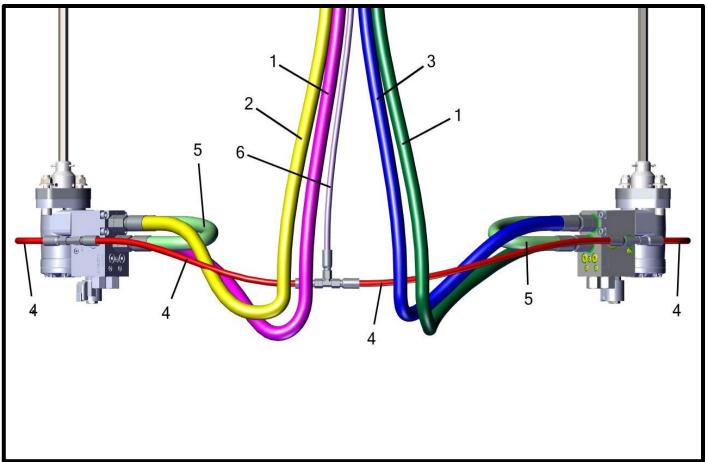
Hydraulic Block – pg. 98-99
Fan Motor/ Speed Sensor – pg. 102-103
Fan-End Motors – pg. 108-111
Slide Gate Cylinders – pg. 116-117
Center Tees – pg. 126-127





## **Hydraulics – Four Section Hoses (Non-Fan End)**

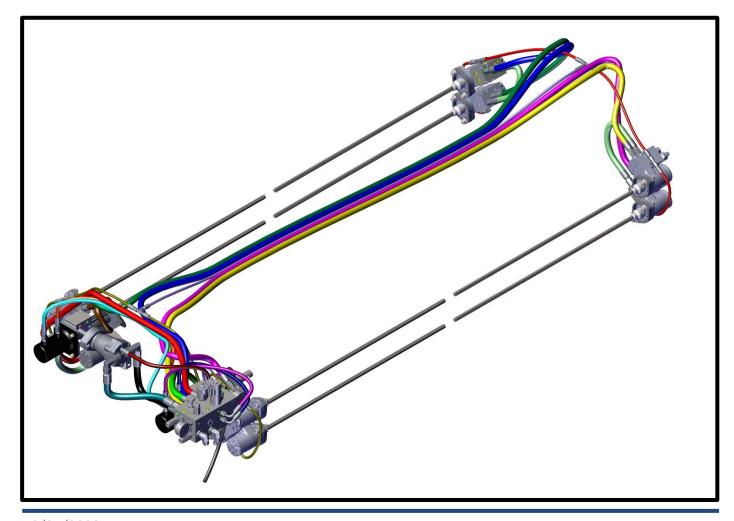






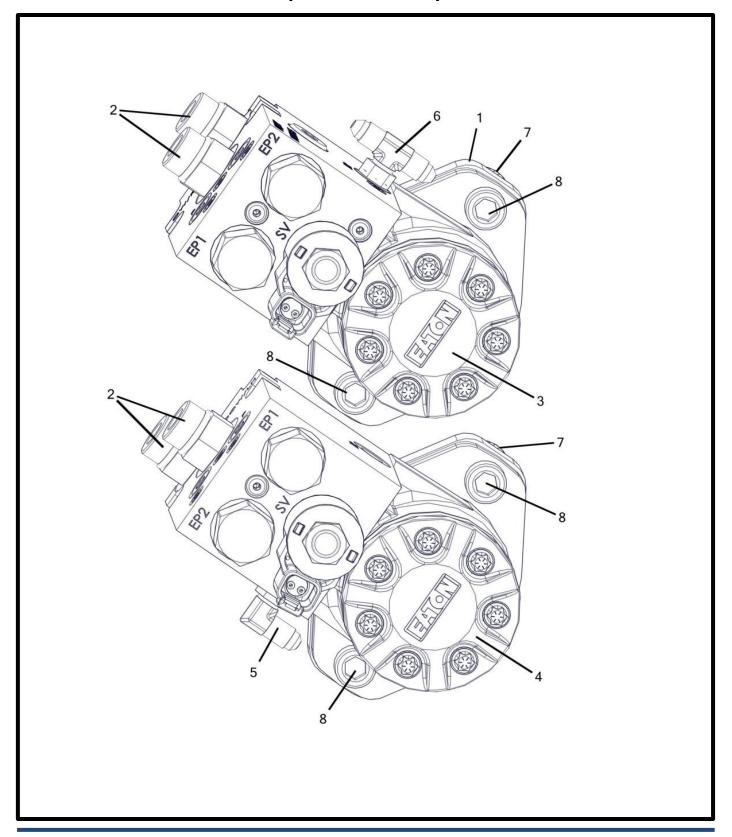
## **Hydraulics – Four Section Hoses (Non-Fan End)**

| Item No. | Qty. | Part Number  | Description                                      |  |
|----------|------|--------------|--|--|
| 1        | 2    | P000915      | Hose - Hyd - 1/2" x 144" (#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        | 4    | P002412      | Hose - Hyd - 1/4" x 25" (#4 F JIC x #4 F JIC)    |  |
| 5        | 2    | P002419      | Hose - Hyd - 1/2" x 25" (#10 F JIC x #10 F JIC)  |  |
| 6        | 1    | P002420      | Hose - Hyd - 1/4" x 110" (#4 F JIC x #4 F JIC)   |  |





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





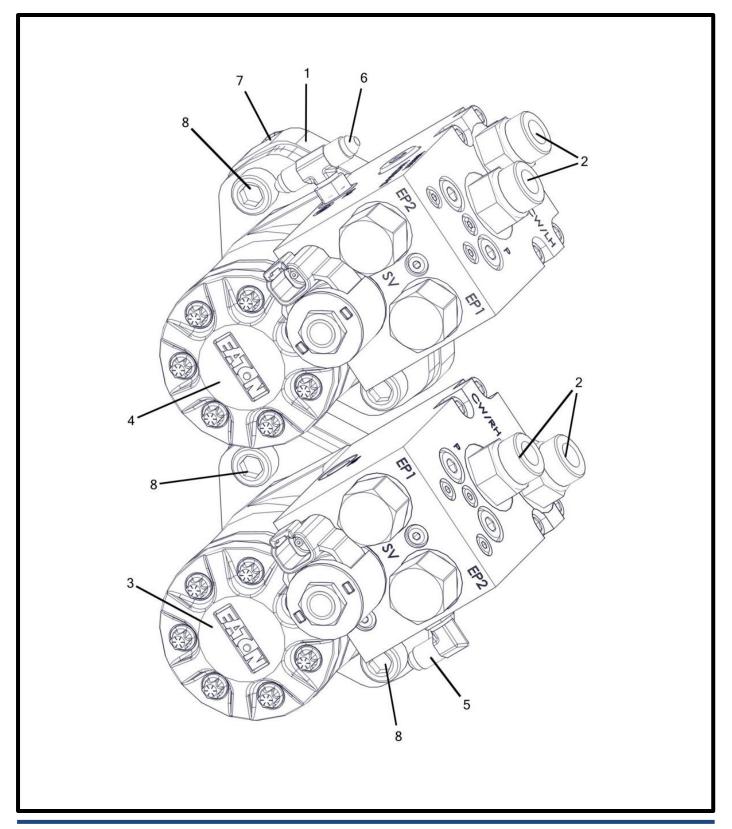
## Four Section Rear Drive Motors – Tank 2 (Non-Fan End)

| Item No. | Qty. | Part Number | Description  |
|----------|------|-------------|--|
| 1        | 2    | M002604     | Plate - Motor Spacer (3/4")  |
| 2        | 4    |             | 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. 112-113 for P000881 Breakdown \*\*See Pg. 114-115 for P000882 Breakdown



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





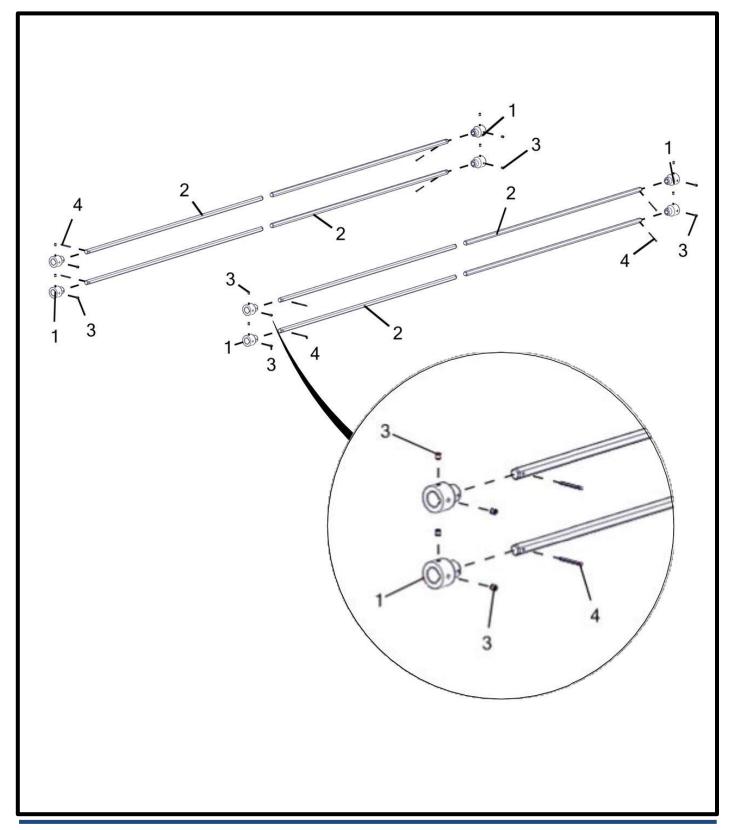
## Rear Drive Motor – Tank 1 (Non-Fan End)

| 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. 112-113 for P000881 Breakdown \*\*See Pg. 114-115 for P000882 Breakdown



#### **Four Section Drive Shafts**



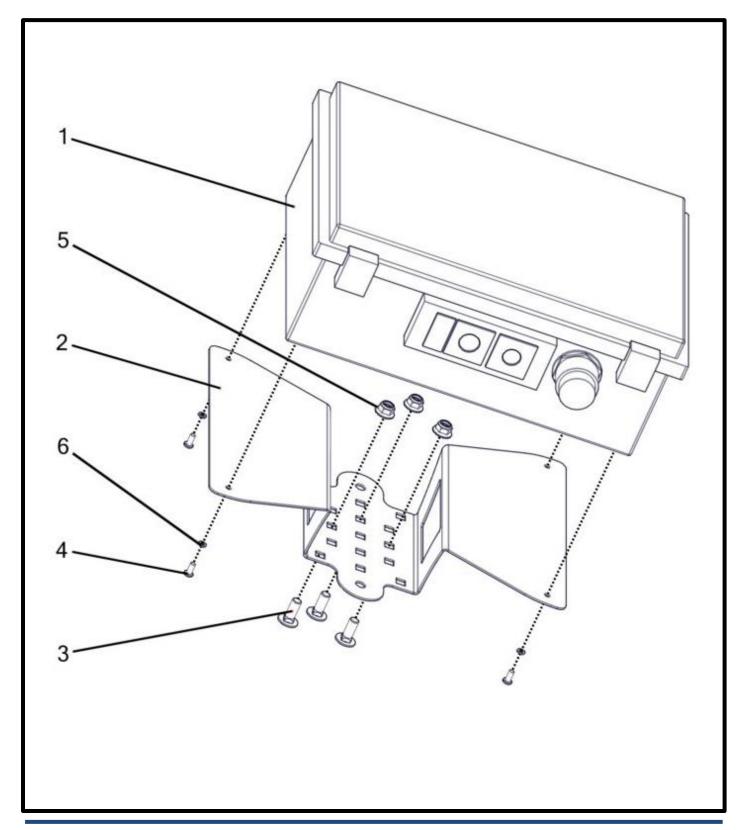


#### **Four Section Drive Shafts**

| Item No. | Qty. | Part Number | Description                                    |
|----------|------|-------------|--|
| 1        | 8    | M002152FA   | 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)              |



## A002211 - ECU - Mount and Enclosure Sub-Assembly Gen II





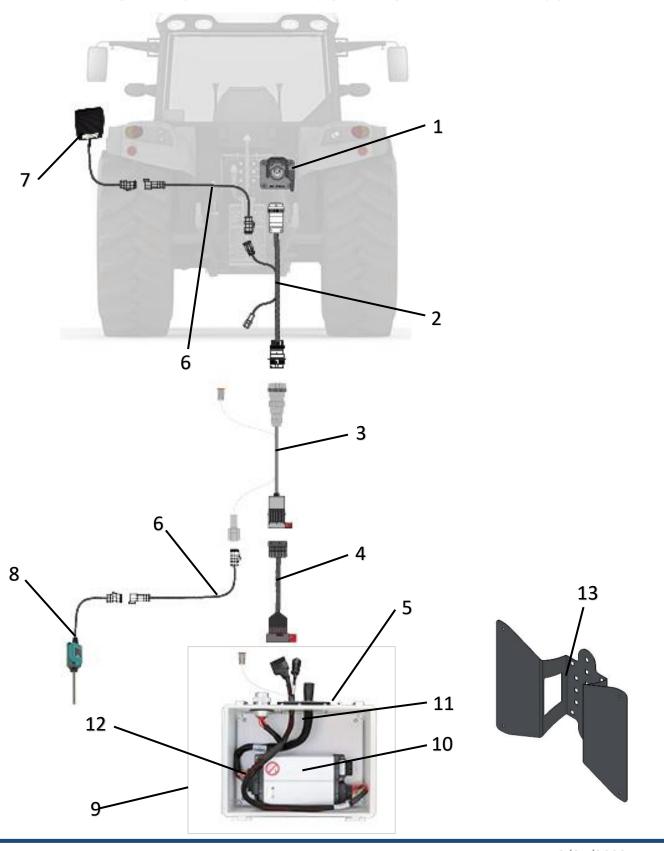
## A002211 - ECU - Mount and Enclosure Sub-Assembly Gen II

| Item No. | Qty. | Part Number | Description  |  |
|----------|------|-------------|--|--|
| 1        | 1    | K002009     | Kit - Montag Dry Rate Controller Base                |  |
| 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) *  |  |

HARDWARE IDENTIFIED IN BOM INCLUDED IN K002056 (\*) (P002156 INCLUDED WITH K002009 (†))



#### **MONTAG DRY RATE CONTROLLER HARNESS**



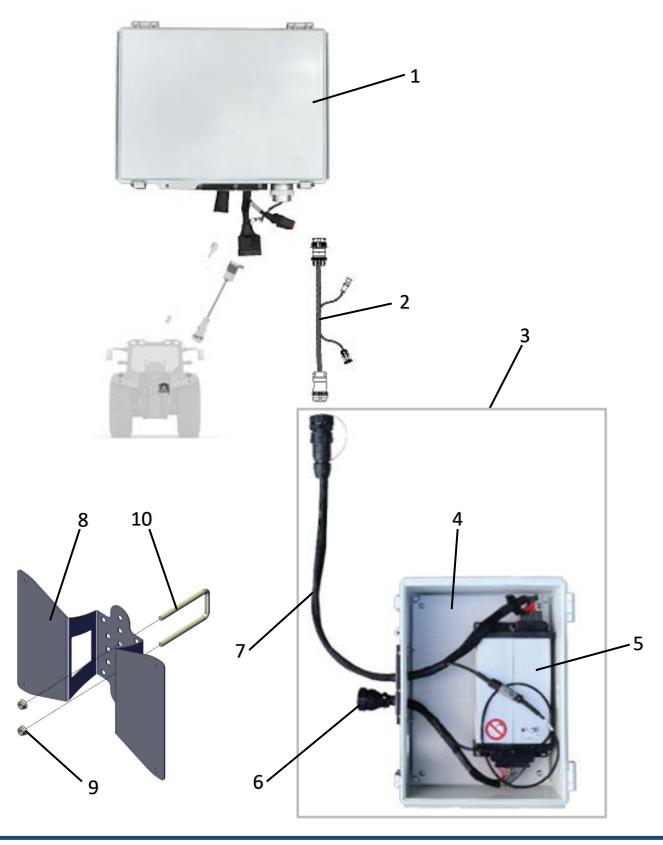


#### **MONTAG DRY RATE CONTROLLER HARNESS**

| 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    |



### **MONTAG LIQUID HARNESS**



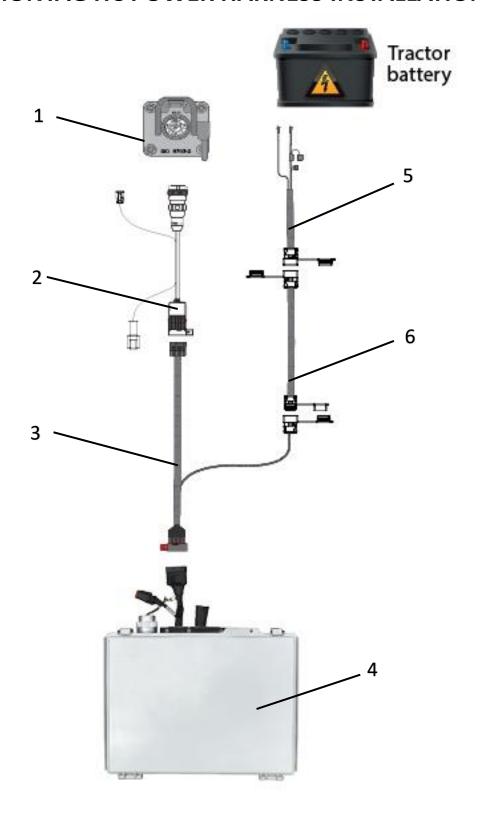


## **MONTAG LIQUID HARNESS**

| ITEM NO. | Description  | P/N          | Montag P/N |
|----------|--|--------------|------------|
| 1        | Montag Controller  |              |            |
| 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        | Kit - Montag NH3 Rate Controller (w/Mount)   |              | A002410    |
|          | Kit - Montag NH3 Rate Controller (Less Mount)  | ME0914002    | K002010    |
| 4        | Enclosure - 2 ECU  | ME214000     | P002339    |
| 5        | ECU - Montag NH3 Rate Controller   | ME0812000    | P002348    |
| 6        | Harness - Montag NH3 ECU To Raven 37 Pin   | ME0512009    | P002350    |
| 7        | Harness - ISOBUS to ECU Cable (3')   | ME0502001-03 | P002702    |
| 8        | Mount - Bolt-On Controller ECU (Gen I, Gen II, Mini)<br>(Requires K002137 and P002690) |              | M002748    |
| 9        | Kit - ECU Mount Hardware Gen I   |              | K002137    |
| 10       | U-Bolt - 3/8" x 2-1/8" x 4-5/8"  |              | P002690    |



#### **MONTAG HC POWER HARNESS INSTALLATION**





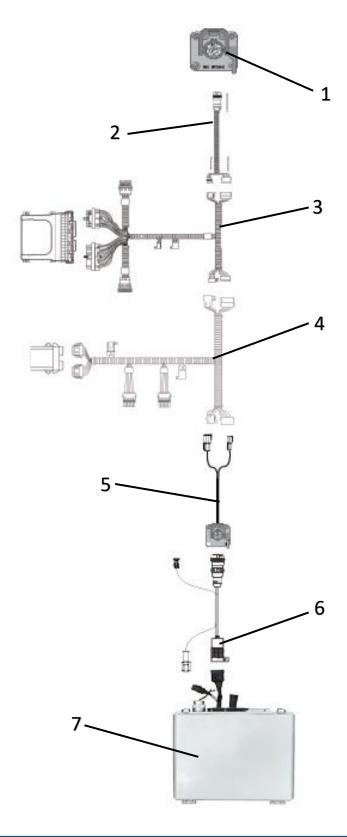
#### **MONTAG HC POWER HARNESS INSTALLATION**

| 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 *  |

ITEMS WITH AN ASTERISK (\*) ARE INCLUDED IN K002073



# **DICKEY-john HARNESS INSTALLATION - IBBC CONNECTOR**





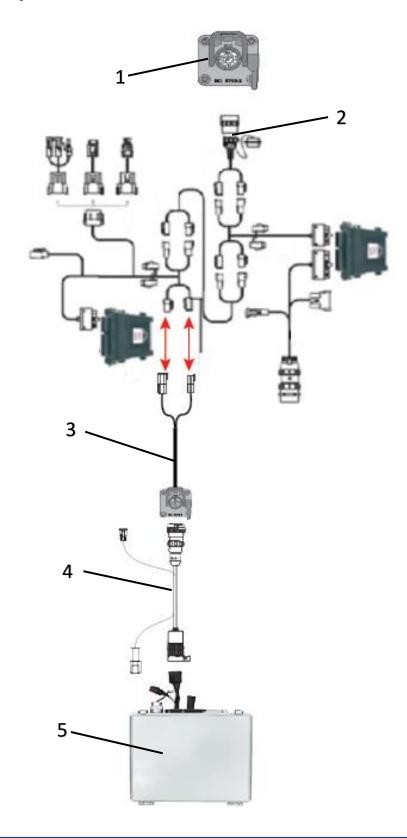
# **DICKEY-john HARNESS INSTALLATION - IBBC CONNECTOR**

| 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 - DICKEY-john Planter to IBBC ISO Harness (w/Mount) * |              | K002064 *  |
|          | Harness - IBBC ISO - DICKEY-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   |              |            |

<sup>\*</sup> SEE PAGE 157 FOR MOUNT PARTS BREAKDOWN



## FIELD-IQ HARNESS INSTALLATION - IBBC CONNECTOR





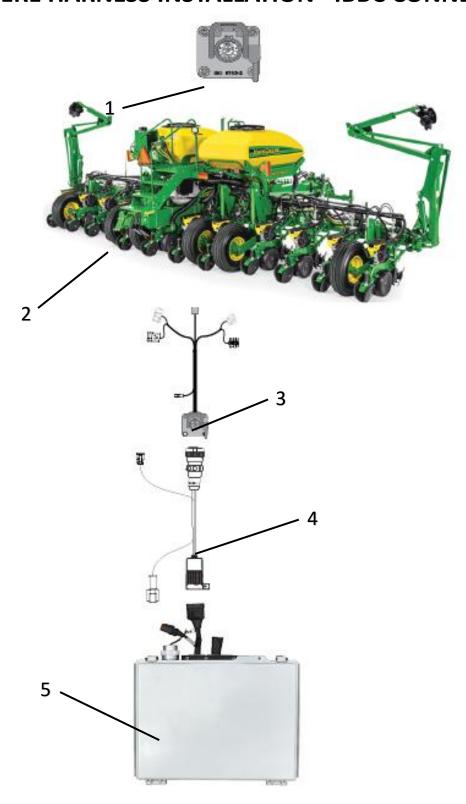
## FIELD-IQ HARNESS INSTALLATION - IBBC CONNECTOR

| 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  |              |            |

<sup>\*</sup> SEE PAGE 157 FOR MOUNT PARTS BREAKDOWN



#### JOHN DEERE HARNESS INSTALLATION - IBBC CONNECTOR\*



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



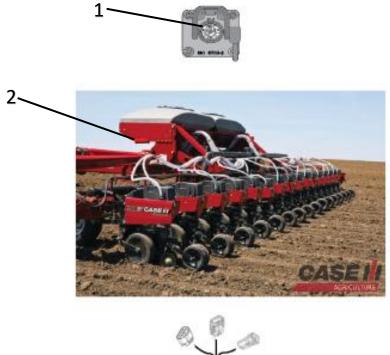
#### JOHN DEERE HARNESS INSTALLATION - IBBC CONNECTOR

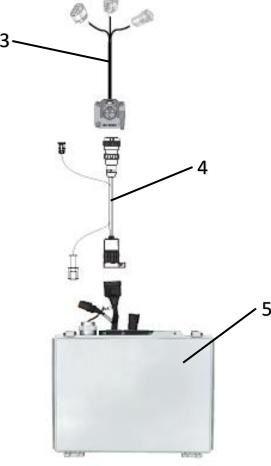
| ITEM NO. | Description                                    | P/N          | Montag P/N |
|----------|--|--------------|------------|
| 1        | Tractor ISO Connection                         |              |            |
| 2        | Customer Supplied Harness                      |              |            |
| 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 157 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        | 4 Harness - ISOBUS to ECU Cable (13')      |              | P002410    |
|          | Harness - ISOBUS to ECU Cable (28')        |              | P002334    |
|          | Harness - ISOBUS to ECU Cable (43')        | ME0502001-43 | P002395    |
| 5        | Montag Controller                          |              |            |

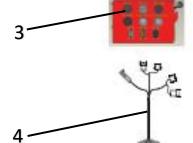
<sup>\*</sup> SEE PAGE 157 FOR MOUNT PARTS BREAKDOWN

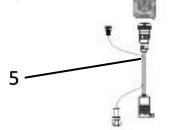


### **CIH 2100 HARNESS INSTALLATION - IBBC CONNECTOR**













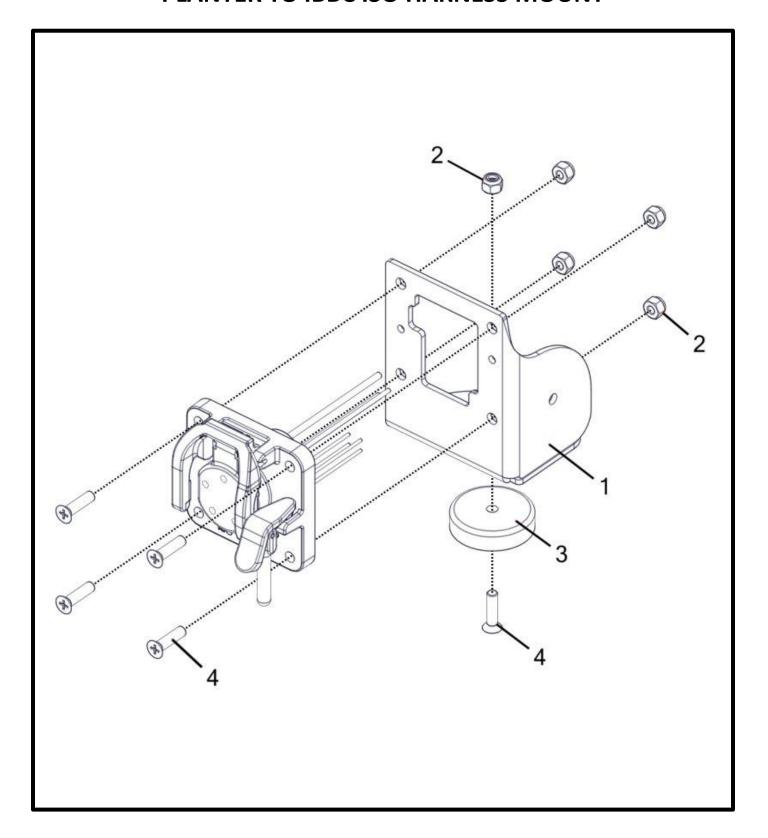
#### **CIH 2100 HARNESS INSTALLATION - IBBC CONNECTOR**

| 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')        |              | P002334    |
|          | Harness - ISOBUS to ECU Cable (43')        | ME0502001-43 | P002395    |
| 6        | Montag ECU Enclosure                       |              |            |

<sup>\*</sup> SEE PAGE 157 FOR MOUNT PARTS BREAKDOWN



## **PLANTER TO IBBC ISO HARNESS MOUNT**

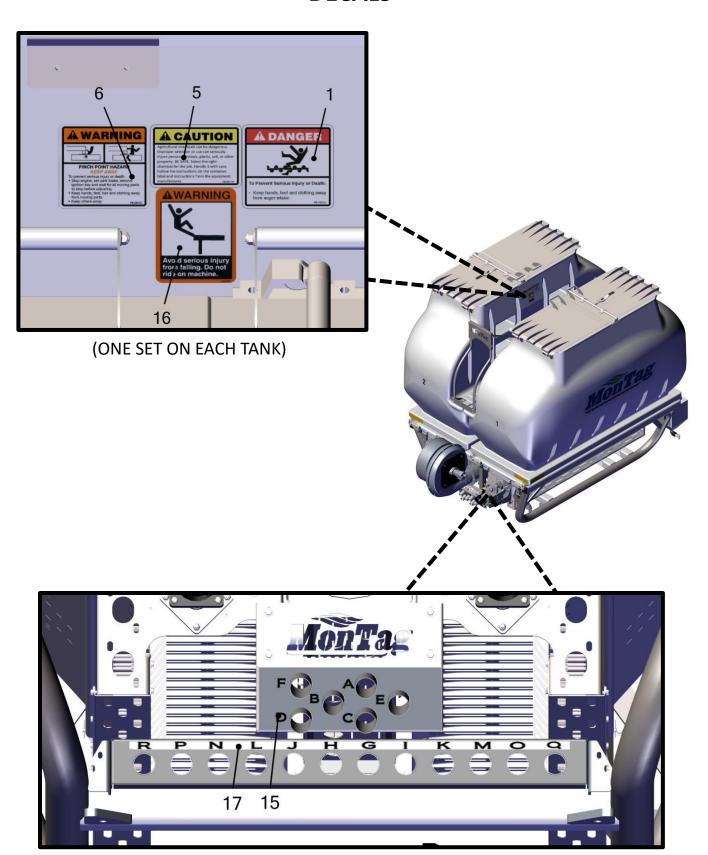




## **PLANTER TO IBBC ISO HARNESS MOUNT**

| 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) |

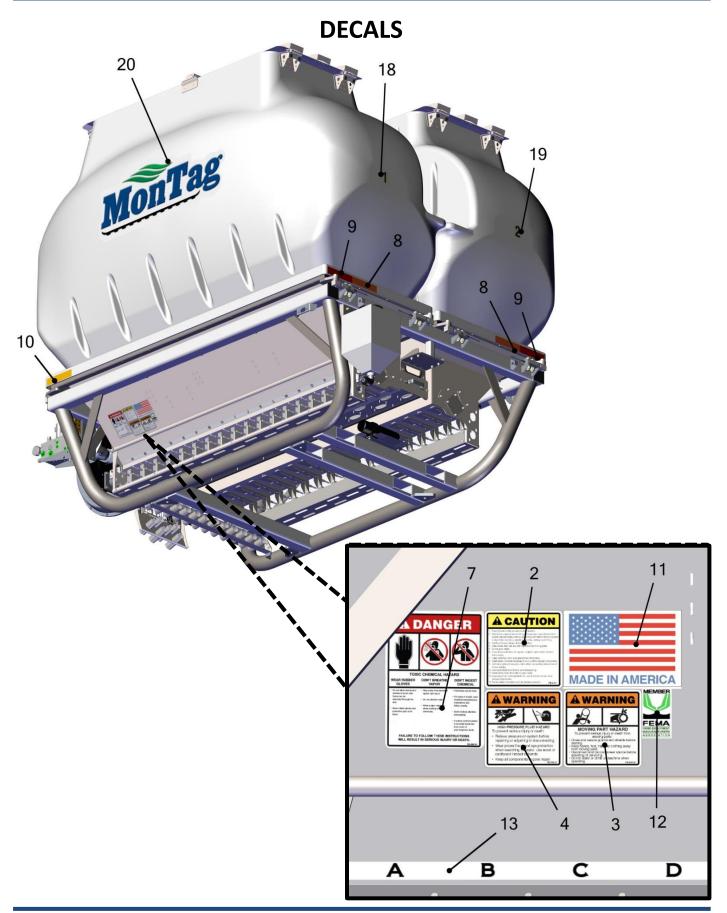






| Item No. | Qty. | Part Number | Description                                    |
|----------|------|-------------|--|
| 1        | 1    | P000188     | Decal - Auger Danger                           |
| 2        | 1    | P000190     | Decal - Read the Manual                        |
| 3        | 2    | P000191     | Decal - Moving Parts Danger                    |
| 4        | 1    | P000192     | Decal - High Pressure Danger                   |
| 5        | 1    | P000193     | Decal - Ag Chemical Danger                     |
| 6        | 1    | 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       | 1    | P000867     | Decal - Tank Row Label (A-R)                   |
| 14       | 1    | P000868     | Decal - Tank Row Label (R-A)                   |
| 15       | 1    | P000870     | Decal - Front Manifold Label (A-F)             |
| 16       | 1    | 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       |

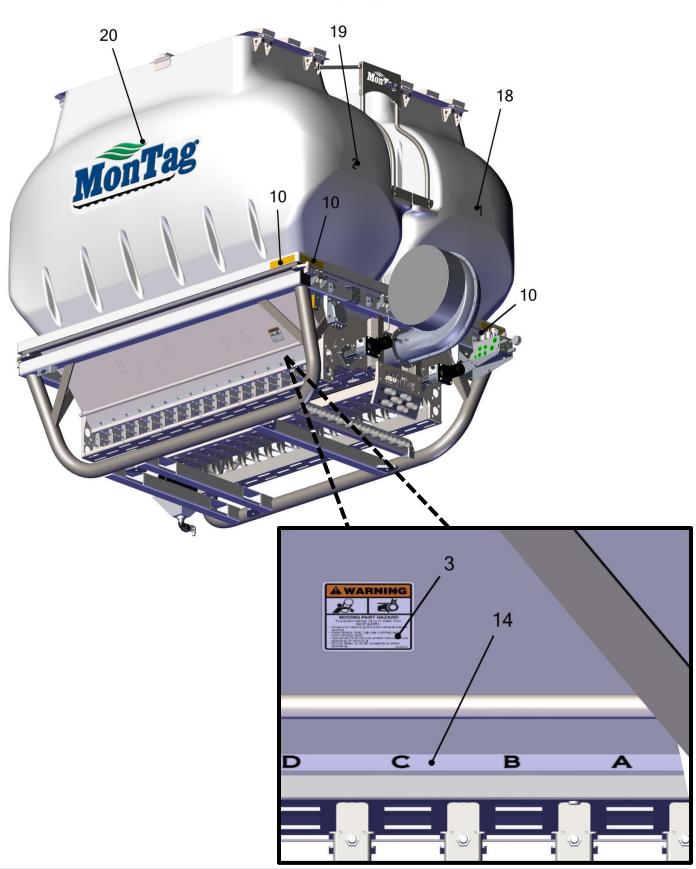






| Item No. | Qty. | Part Number | Description                                    |
|----------|------|-------------|--|
| 1        | 1    | P000188     | Decal - Auger Danger                           |
| 2        | 1    | P000190     | Decal - Read the Manual                        |
| 3        | 2    | P000191     | Decal - Moving Parts Danger                    |
| 4        | 1    | P000192     | Decal - High Pressure Danger                   |
| 5        | 1    | P000193     | Decal - Ag Chemical Danger                     |
| 6        | 1    | 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       | 1    | P000867     | Decal - Tank Row Label (A-R)                   |
| 14       | 1    | P000868     | Decal - Tank Row Label (R-A)                   |
| 15       | 1    | P000870     | Decal - Front Manifold Label (A-F)             |
| 16       | 1    | 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       |







| Item No. | Qty. | Part Number | Description                                    |
|----------|------|-------------|--|
| 1        | 1    | 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        | 1    | P000193     | Decal - Ag Chemical Danger                     |
| 6        | 1    | 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       | 1    | P000867     | Decal - Tank Row Label (A-R)                   |
| 14       | 1    | P000868     | Decal - Tank Row Label (R-A)                   |
| 15       | 1    | P000870     | Decal - Front Manifold Label (A-F)             |
| 16       | 1    | 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       |



## **NOTES**



## **NOTES**





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