

# **MODEL 4805 FRONT FOLDING PLANTER PARTS MANUAL**

**M0314-02**

**Rev. 12/25**

This manual applies to:      Model: 4805 70 CM Front Folding Planter  
2025 Production and on

Record the model number and serial number of your planter along with date purchased:

Serial Number \_\_\_\_\_

Date Purchased \_\_\_\_\_

Information in this manual was current at time of printing. However, due to Kinze's ongoing product improvement, production changes may cause your machine to appear slightly different in detail. Kinze Manufacturing, Inc. reserves the right to change specifications or design without notice and without incurring obligation to install the same on machines previously manufactured.

Right hand (R.H.) and left hand (L.H.), as used throughout this manual, are determined by facing in the direction the machine will travel when in use, unless otherwise stated.

**OVERVIEW**

|                                                                                                     |     |
|-----------------------------------------------------------------------------------------------------|-----|
| Pull Row Unit Assembly . . . . .                                                                    | P1  |
| Shank Assembly, Seed Tube, and Depth Adjustment . . . . .                                           | P2  |
| Parallel Arms, Mounting Support Plate, and Quick Adjustable<br>Down Forces Springs Option . . . . . | P4  |
| Parallel Arms, Mounting Support Plate, and Quick Adjustable<br>Down Forces Springs Option . . . . . | P4  |
| Hopper Support and Position Switch . . . . .                                                        | P6  |
| AgLeader Clutch . . . . .                                                                           | P8  |
| Pneumatic Down Pressure Row Unit Assembly . . . . .                                                 | P10 |
| 15" Seed Opener Disc Blade/Bearing Assembly, and<br>Scrapers . . . . .                              | P11 |
| Blue Drive Row Unit. . . . .                                                                        | P12 |
| 4K Row Unit W/ True Depth. . . . .                                                                  | P14 |
| Gauge Wheels . . . . .                                                                              | P16 |
| Vacuum Seed Meter . . . . .                                                                         | P18 |
| Seed Hopper . . . . .                                                                               | P20 |
| Bulk Fill Mini-Hopper . . . . .                                                                     | P21 |
| "V" Closing Wheels . . . . .                                                                        | P22 |
| Row Unit Mounted No Till Coulter . . . . .                                                          | P24 |
| Coulter Mounted Residue Wheels . . . . .                                                            | P26 |
| Granular Chemical Rear Banding Options . . . . .                                                    | P28 |
| Granular Chemical Hopper . . . . .                                                                  | P30 |
| Blue Drive Insecticide Meter . . . . .                                                              | P32 |
| Granular Chemical Meter Drive Assembly (Ground Contact<br>Drive). . . . .                           | P34 |
| Ground Contact Drive Spare Parts . . . . .                                                          | P35 |
| Seed Meter Stepper Motor Pinion Press Kit . . . . .                                                 | P36 |
| True Speed Row Unit. . . . .                                                                        | P38 |
| True Speed Seed Delivery System W/Driver. . . . .                                                   | P40 |
| True Speed Seed Delivery System Assembly . . . . .                                                  | P42 |
| True Speed Seed Meter. . . . .                                                                      | P46 |
| True Speed Meter Housing . . . . .                                                                  | P48 |
| True Speed Meter Cover . . . . .                                                                    | P50 |
| True Speed Mini-Hopper . . . . .                                                                    | P52 |

**VACUUM SYSTEM**

|                                     |     |
|-------------------------------------|-----|
| Vacuum Fan and Manifold . . . . .   | P54 |
| Vacuum Fan Assembly . . . . .       | P56 |
| Blue Drive Vacuum Gauges . . . . .  | P59 |
| Hydraulic PTO Pump System . . . . . | P60 |
| PTO Pump Reservoir. . . . .         | P62 |
| Piston PTO Pump . . . . .           | P65 |

**BULK FILL SYSTEM**

|                                                                |     |
|----------------------------------------------------------------|-----|
| 120 Bu. Bulk Fill System . . . . .                             | P66 |
| 50 Bu. Bulk Fill System . . . . .                              | P68 |
| Bulk Fill Fan Assembly. . . . .                                | P70 |
| 60 Bu. Bulk Fill Tank and Entrainers . . . . .                 | P72 |
| 60 Bu. Bulk Fill Tank Assembly . . . . .                       | P74 |
| 25 Bu. Bulk Fill Tank and Entrainer . . . . .                  | P76 |
| 25 Bu. Bulk Fill Tank Assembly . . . . .                       | P78 |
| Bulk Fill Distribution Hoses . . . . .                         | P80 |
| Entrainer Assembly . . . . .                                   | P82 |
| Bulk Fill Scale Package . . . . .                              | P84 |
| 120 Bu. Bulk Fill Catwalk. . . . .                             | P86 |
| 50 Bu. Bulk Fill Catwalk . . . . .                             | P88 |
| Bulk Fill Hose Holders . . . . .                               | P90 |
| Bulk Fill Catwalk Extension W/Granular Chemical . . . . .      | P92 |
| Pressure Gauge (Blue Drive Bulk Fill W/O Fertilizer) . . . . . | P93 |
| Bulk Fill with Fertilizer Tanks Pressure Gauge. . . . .        | P94 |

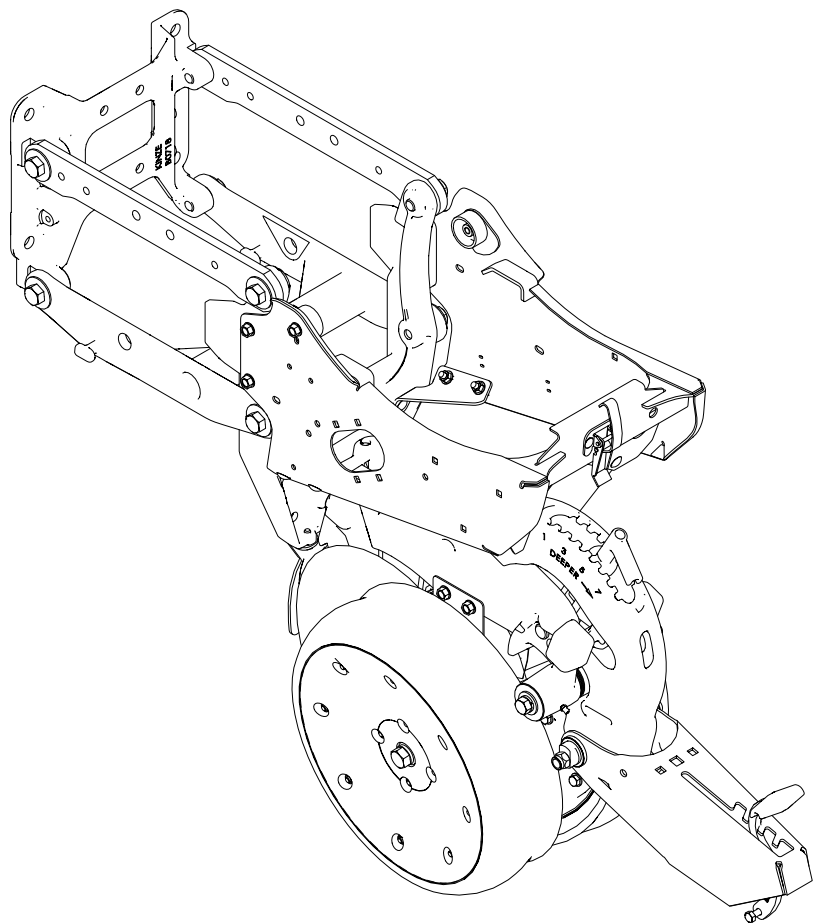
**BASE MACHINE**

|                                                      |      |
|------------------------------------------------------|------|
| Base Machine . . . . .                               | P96  |
| H-Frame, Hitch, and Axle. . . . .                    | P97  |
| R.H. Wing . . . . .                                  | P100 |
| L.H. Wing . . . . .                                  | P102 |
| Hub and Spindle Assembly . . . . .                   | P104 |
| Hitch Assembly . . . . .                             | P106 |
| Drawbar Hitch . . . . .                              | P108 |
| Transport Axle W/Hubs . . . . .                      | P110 |
| Ground Contact Drive . . . . .                       | P112 |
| Row Unit Drive. . . . .                              | P116 |
| Contact Tire Assembly. . . . .                       | P117 |
| Contact Drive Tower. . . . .                         | P118 |
| Transmission Crossover Assembly . . . . .            | P119 |
| Transmission Assembly . . . . .                      | P120 |
| Point Row Clutch . . . . .                           | P122 |
| Pneumatic Down Pressure Option (Blue Drive). . . . . | P126 |
| Pneumatic Down Pressure Option (Blue Drive). . . . . | P127 |
| Electric Compressor . . . . .                        | P128 |
| Left Air Tank Assembly. . . . .                      | P130 |
| Left Air Tank Assembly. . . . .                      | P131 |
| Air Tank Assembly . . . . .                          | P132 |
| Air Valve Assembly . . . . .                         | P134 |
| Row Marker Assembly. . . . .                         | P135 |
| Second Stage Marker . . . . .                        | P138 |
| Row Marker Spindle/Hub/Blade. . . . .                | P140 |



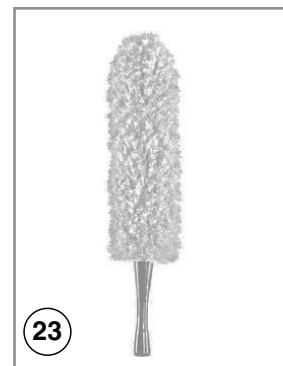
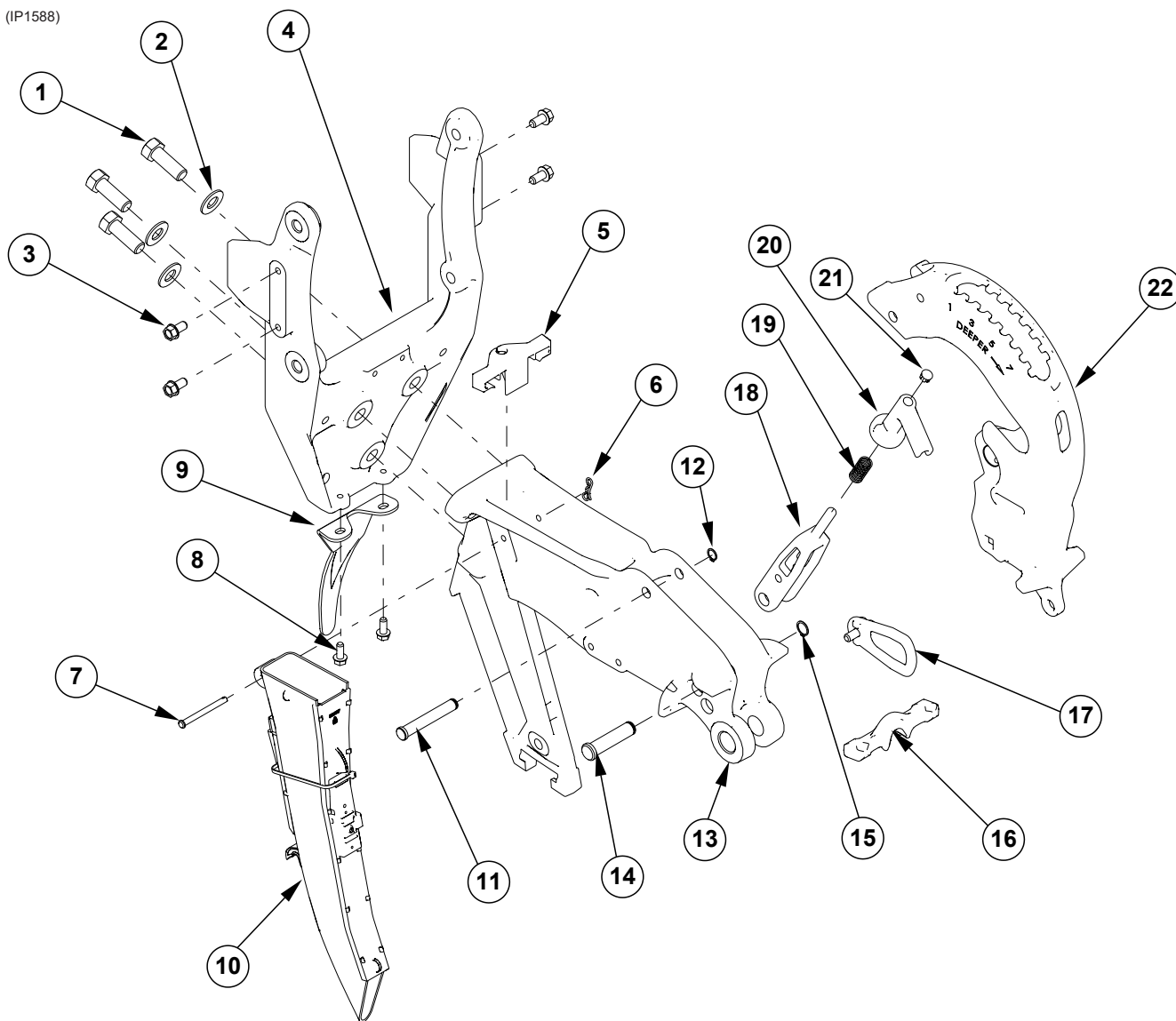
|                                                                                     |      |                                                                       |             |
|-------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------|-------------|
| True Depth W/ Blue Drive . . . . .                                                  | P142 | Wing Latch Cylinder. . . . .                                          | P213        |
| <b>FERTILIZER</b>                                                                   |      | Lift/Down Force Manifold Block . . . . .                              | P214        |
| Air Distribution System . . . . .                                                   | P158 | Hydraulic Valve Block on Front Hitch. . . . .                         | P216        |
| Air Release Tube Assemblies . . . . .                                               | P151 | Hydraulic Valve Block on Outer Wings . . . . .                        | P217        |
| Centrifugal Fertilizer Pump Assembly . . . . .                                      | 175  | Fold/Marker Manifold Block . . . . .                                  | P218        |
| Dry Fertilizer 5000L Catwalk System. . . . .                                        | P147 | Row Unit Control Block, Pull Row Units . . . . .                      | P219        |
| Dry Fertilizer Fan . . . . .                                                        | P154 | Hydraulic Valve Block on Vacuum Motor (Blue Drive) . . . . .          | P220        |
| Dry Fertilizer Hoses . . . . .                                                      | P159 | Hydraulic Valve Block on Vacuum Motor (Ground Contact Drive). . . . . | P221        |
| Dry Fertilizer System (3000L/6000L Capacity) . . . . .                              | P144 | Manifold Hydraulic Block Assembly . . . . .                           | P223        |
| Dry Fertilizer Tank (3000-6000 Liters) . . . . .                                    | P152 | Fertilizer Block Assembly . . . . .                                   | P224        |
| Ground Contact Drive Add-On For Fertilizer . . . . .                                | P184 | Hydraulic Down Force Center Junction Block . . . . .                  | P225        |
| Ground Drive Wheel (Liquid Fertilizer) . . . . .                                    | 178  | Hydraulic Down Force Junction Block Assembly . . . . .                | P226        |
| Liquid Fertilizer Piston Pump Flow Divider . . . . .                                | P182 | Down Force Manifold Block Assembly. . . . .                           | P227        |
| Liquid Fertilizer Piston Pump (Uses 18 Tooth Sprocket) . . . . .                    | P180 | True Depth Main Block Assembly . . . . .                              | P228        |
| Liquid Fertilizer System W/ Centrifugal Pump (1000 Gal.). . . . .                   | P172 | Vacuum Fan Hydraulic Block Assembly. . . . .                          | P230        |
| Liquid Fertilizer System W/ Centrifugal Pump (1000 Gal.) Hoses & Fittings . . . . . | 176  | Master Cylinder Manifold Block . . . . .                              | P232        |
| Liquid Fertilizer System W/ Piston Pump (600 Gal.) . . . . .                        | P166 | PTO Reservoir Hydraulic Block . . . . .                               | P233        |
| Liquid Fertilizer System W/ Piston Pump (1000 Gal.) . . . . .                       | P168 | PTO Reservoir Main Hydraulic Block. . . . .                           | P234        |
| Liquid Fertilizer Tanks . . . . .                                                   | P164 | Blue Drive Bus Box Assembly . . . . .                                 | P236        |
| Notched Single Disc Fertilizer Opener. . . . .                                      | P160 | Hydraulic Hose to Tractor, Dry Fertilizer . . . . .                   | P237        |
| Notched Single Disc Fertilizer Openers Mounts and Hardware. . . . .                 | P162 |                                                                       |             |
| Oil Reservoir . . . . .                                                             | P149 | <b>ELECTRICAL</b>                                                     |             |
| Quad Gauge . . . . .                                                                | P150 | Base Machine Electrical Schematic. . . . .                            | P238        |
| Variable Hydraulic Transmission . . . . .                                           | P156 | Ethernet Interconnect Electrical Schematic. . . . .                   | P240        |
| Contact Drive Tower. . . . .                                                        | P186 | Power Pack . . . . .                                                  | P242        |
| Contact Tire Assembly . . . . .                                                     | P187 | Control Box . . . . .                                                 | P245        |
| Flow Switches - In Furrow . . . . .                                                 | P191 | Ag Leader Display Package . . . . .                                   | P246        |
| Flow Switches - Openers. . . . .                                                    | P189 | Ag Leader PMM. . . . .                                                | P248        |
| Flow Switches - Openers. . . . .                                                    | P190 | Power Pack Mounting . . . . .                                         | P251        |
| Rear Trailer Hitch. . . . .                                                         | P188 | Lighting, R.H. . . . .                                                | P252        |
|                                                                                     |      | Auxiliary Work Lights . . . . .                                       | P254        |
|                                                                                     |      | No Fertilizer Worklight Mounts. . . . .                               | P255        |
|                                                                                     |      | Blue Vantage Display. . . . .                                         | P256        |
|                                                                                     |      | Misc. Blue Drive Parts . . . . .                                      | P258        |
|                                                                                     |      | AUX IPN Mount Assembly . . . . .                                      | P260        |
|                                                                                     |      | Blue Vantage Cameras . . . . .                                        | P261        |
| <b>HYDRAULICS</b>                                                                   |      |                                                                       |             |
| Lift/Fold/Wing Downforce Hydraulic Schematic. . . . .                               | P194 | <b>DECALS, PAINT, AND MISCELLANEOUS</b>                               | <b>P262</b> |
| Vacuum and Bulk Dry Fertilizer System. . . . .                                      | P198 |                                                                       |             |
| Row Marker Cylinder . . . . .                                                       | P202 | <b>NUMERICAL INDEX . . . . .</b>                                      | <b>P272</b> |
| Hydraulic Down Force Cylinder . . . . .                                             | P203 |                                                                       |             |
| Drawbar Hitch Cylinder . . . . .                                                    | P204 |                                                                       |             |
| Fold Cylinder . . . . .                                                             | P206 |                                                                       |             |
| Tongue Lock Cylinder . . . . .                                                      | P207 |                                                                       |             |
| Wing Cylinder . . . . .                                                             | P208 |                                                                       |             |
| Master Cylinder (Center) . . . . .                                                  | P210 |                                                                       |             |
| Wing Down Pressure Cylinder. . . . .                                                | P212 |                                                                       |             |

**NOTE:** Row unit assembly does not include the following: seed meter assembly, seed tube assembly, row unit hopper assembly, closing wheels, or seed meter clutch.



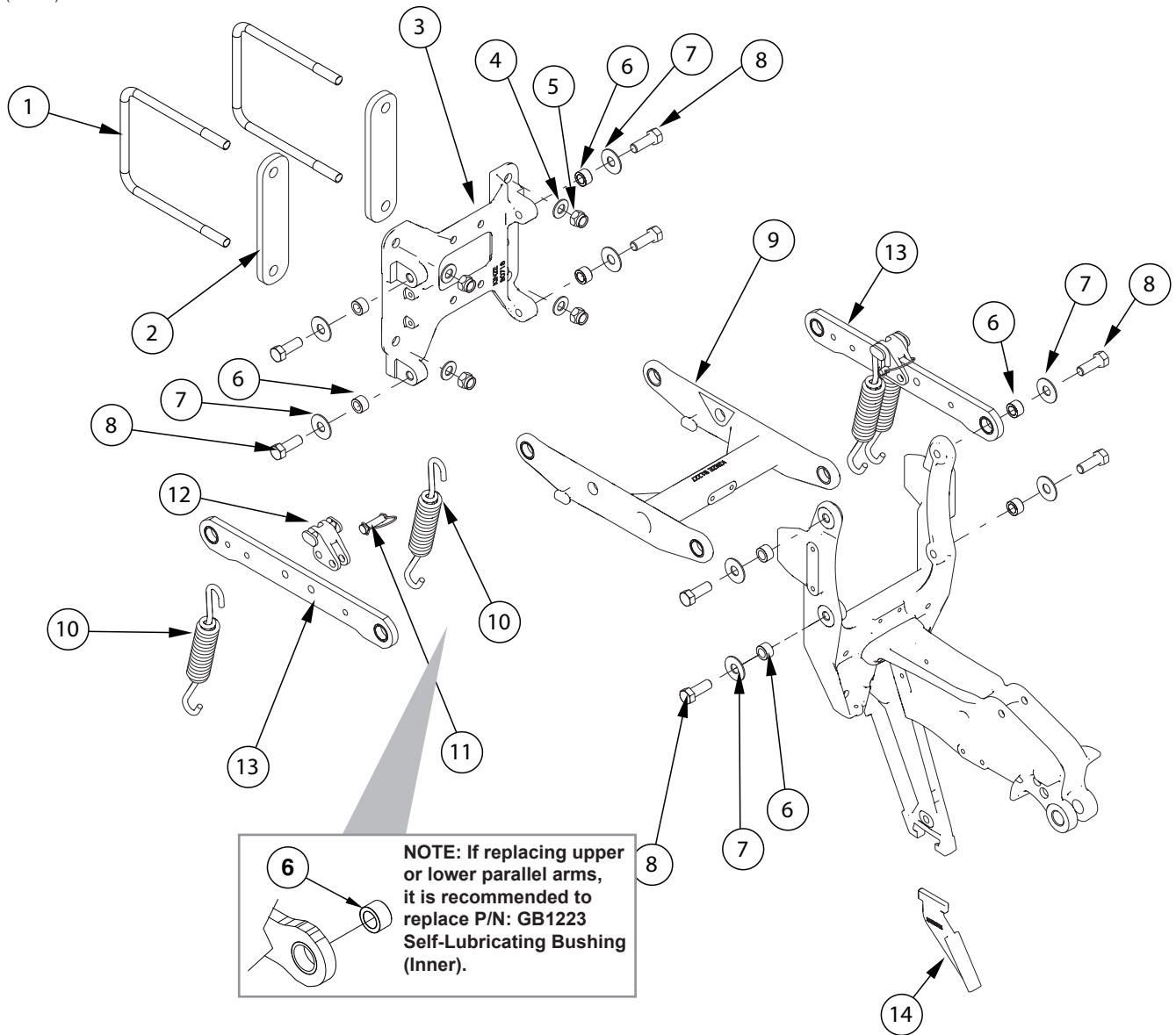
| ITEM | PART NO. | QTY.<br>(Per Row) | DESCRIPTION                                                    |
|------|----------|-------------------|----------------------------------------------------------------|
| 1    | G10506X  | 1                 | Pull Row Unit Assembly (Standard Gauge Wheel)                  |
| 2    | G10986X  | 1                 | Pull Row Unit Assembly (Spoked Gauge Wheel)                    |
| 3    | G10988X  | 1                 | Pull Row Unit Assembly (Spoked Gauge Wheel), <b>True Speed</b> |

(IP1588)



| ITEM | PART NO.  | QTY.<br>(Per Row) | DESCRIPTION                                                          |
|------|-----------|-------------------|----------------------------------------------------------------------|
| 1    | G10005    | 3                 | Hex Head Cap Screw, 5/8"-11 x 1 3/4"                                 |
| 2    | G11391    | 3                 | Flat Washer, 5/8" SAE                                                |
| 3    | G11123    | 4                 | Hex Serrated Flange Cap Screw, 3/8"-16 x 3/4"                        |
| 4    | GD25071   | 1                 | Shank Yoke                                                           |
| 5    | GB0918    | 1                 | Cable Retainer                                                       |
| 6    | G10122301 | 1                 | Bow Tie Cotter Pin                                                   |
| 7    | G11465    | 1                 | Pin, 1/4" x 2 3/4"                                                   |
| 8    | G11539    | 2                 | Hex Socket Flange Cap Screw, 5/16"-18 x 3/4"                         |
| 9    | GD28390   | 1                 | Shield                                                               |
| 10   | GA26539   | 1                 | Seed Tube W/Sensor, (Electric Drive) (True Rate only)                |
|      | GA20901   | -                 | Seed Tube Only (Included W/GA26539)                                  |
| 11   | GD26971   | 1                 | Pin, 1/2" x 3 1/4"                                                   |
| 12   | G11428    | 1                 | Retaining Ring, 1/2"                                                 |
| 13   | GD25072   | 1                 | Center Shank                                                         |
| 14   | GD26970   | 1                 | Pin, 5/8" x 2 1/2"                                                   |
| 15   | G10567    | 1                 | External Retaining Ring, 5/8"                                        |
| 16   | GB0265    | 1                 | Pivot Link, Depth Adjustment                                         |
| 17   | GB0285    | 1                 | Collar, Depth Adjustment                                             |
|      | GA26723   | 1                 | Link Sensor, True Depth (True Depth® equipped planters only)         |
| -    | G10402701 | 1                 | Depth Adjustment Pin                                                 |
| 18   | GB0267    | 1                 | Lever, Depth Adjustment                                              |
| 19   | GD10993   | 1                 | Spring                                                               |
| 20   | GB0266    | 1                 | Handle, Depth Adjustment                                             |
| 21   | GD3612    | 1                 | Cap Plug                                                             |
| 22   | GB0722    | 1                 | Rear Shank                                                           |
| 23   | G10475701 | -                 | Professional Microfiber Duster, 19" (for cleaning Seed Tube sensors) |

(IP1669)



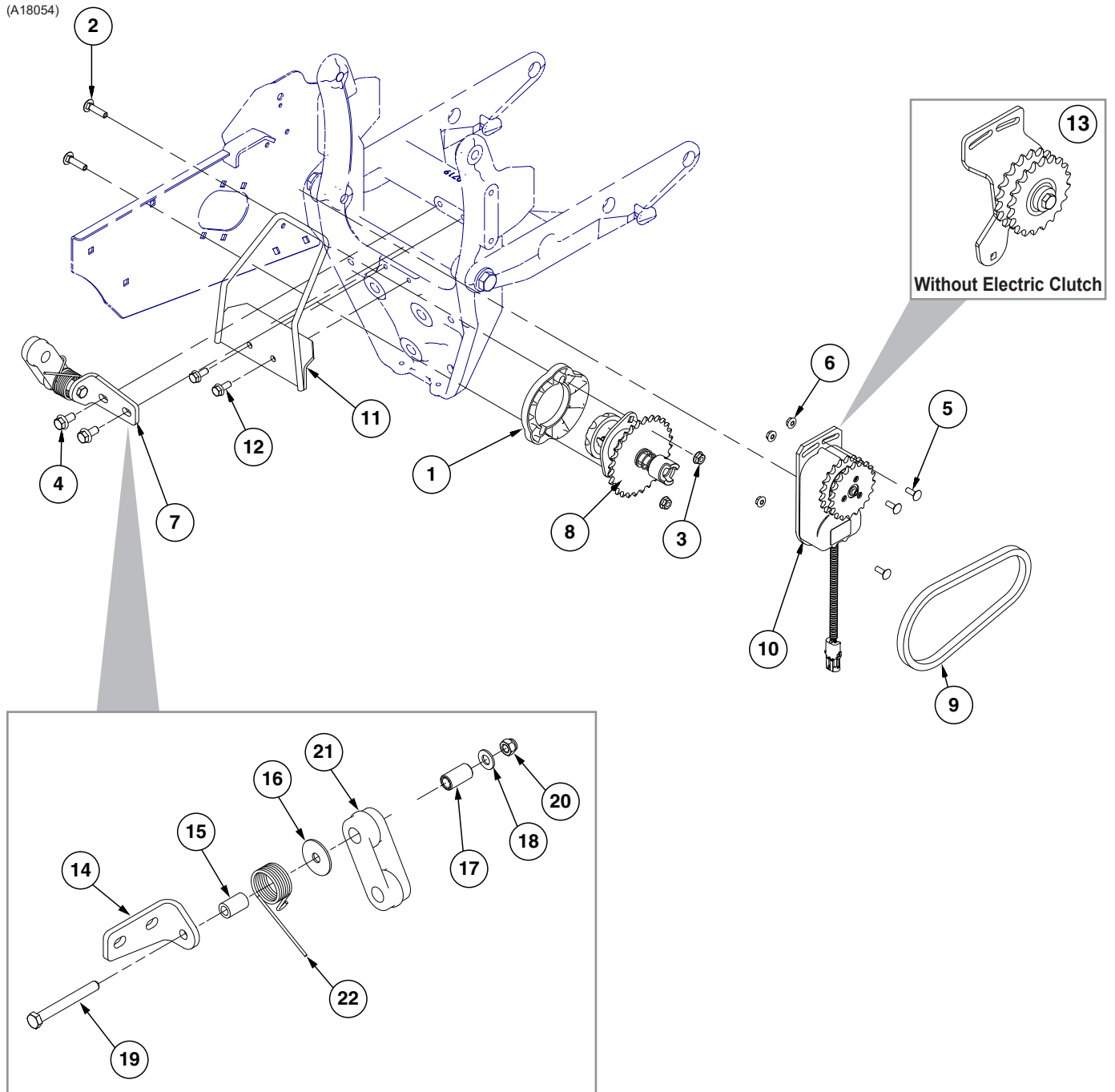
| ITEM | PART NO.  | QTY.<br>(Per Row) | DESCRIPTION                                                                                                                                                                         |
|------|-----------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | GD14559   | 2                 | U-Bolt, 7" x 7" x 5/8"-11                                                                                                                                                           |
| 2    | GD36974   | 2                 | Plate Spacer                                                                                                                                                                        |
| 3    | GD36977   | 1                 | Row Unit Face Plate                                                                                                                                                                 |
| 4    | G11391    | 4                 | Flat Washer, 5/8" SAE                                                                                                                                                               |
| 5    | G10107    | 4                 | Lock Nut, 5/8"-11                                                                                                                                                                   |
| 6    | GB1223    | 8                 | Self-Lubricating Bushing                                                                                                                                                            |
| 7    | G11976    | 8                 | Flat Washer, 5/8" x 1 3/4"                                                                                                                                                          |
| 8    | G10141901 | 8                 | Hex Head Cap Screw, 5/8"-11 x 1 3/4", Grade 8                                                                                                                                       |
| 9    | GA26960   | 1                 | Lower Parallel Arm Assembly                                                                                                                                                         |
|      | GB1224    | -                 | Self-Lubricating Bushing, 1 1/4" O.D. x 1" I.D. x 1/2" (Included in GA26960)                                                                                                        |
| 10   | GD21337   | 4                 | Heavy Duty Down Pressure Spring                                                                                                                                                     |
| 11   | GD14217   | 2                 | Tab Lock Pin, 7/16" x 1 1/2"                                                                                                                                                        |
| 12   | GB0186    | 2                 | Spring Anchor                                                                                                                                                                       |
| 13   | GA27122   | 2                 | Upper Parallel Arm Assembly                                                                                                                                                         |
|      | GB1224    | -                 | Self-Lubricating Bushing, 1 1/4" O.D. x 1" I.D. x 1/2" (Included in GA27122)                                                                                                        |
| 14   | G10035901 | 1                 | Scraper, Standard (True Rate only)                                                                                                                                                  |
| A    | G1K760    | -                 | Pull Row Unit Parallel Arm Kit, Includes: (8) G10141901, (8) G11976, (4) G10107, (4) G11391, (1) GD36977, (2) GD36974, (2) GD14559, (2) A27122, (1) GA26960, (8) GB1223, (1) IS1067 |



| ITEM | PART NO.   | QTY.<br>(Per Row) | DESCRIPTION                                           |
|------|------------|-------------------|-------------------------------------------------------|
| 1    | G10229     | 2                 | Lock Washer, 3/8"                                     |
| 2    | G10001     | 2                 | Hex Head Cap Screw, 3/8"-16 x 1"                      |
| 3    | G11123     | 10                | Hex Serrated Flange Cap Screw, 3/8"-16 x 3/4"         |
| 4    | GA25182    | 1                 | Hopper Support                                        |
| 5    | GB1218     | 2                 | Hopper Mount                                          |
| 6    | GA2007     | 1                 | Hopper Hold Down Latch                                |
| 7    | G10309     | 2                 | Carriage Bolt, 1/4"-20 x 5/8", Grade 5                |
| 8    | G10621     | 2                 | Serrated Flange Nut, 1/4"-20                          |
| 9    | G10809     | 1                 | Hex Head Cap Screw, 3/8"-16 x 3 1/4"                  |
| 10   | GD25380    | 1                 | R.H. Front Mounting Bracket                           |
| 11   | G10312     | 8                 | Carriage Bolt, 5/16"-18 x 3/4"                        |
| 12   | G10620     | 10                | Serrated Flange Nut, 5/16"-18                         |
| 13   | G10303     | 2                 | Carriage Bolt, 5/16"-18 x 1"                          |
| 14   | GD25379    | 1                 | L.H. Front Mounting Bracket                           |
| 15   | GD25384    | 1                 | R.H. Mounting Bracket                                 |
| 16   | GD25383    | 1                 | L.H. Mounting Bracket                                 |
| 17   | G10108     | 1-2               | Lock Nut, 3/8"-16                                     |
| 18   | G10248201  | 1                 | Implement Switch Mount, Blue Drive/AgLeader           |
| 19   | GA18353    | 1                 | Position Switch Magnetic Reed                         |
| 20   | G11345     | 2                 | Phillips Pan Head Machine Screw, 1/4" x 1/2", Grade 2 |
| 21   | GD35880-01 | -                 | 12 GA. Mini Hopper Shim (As Required)                 |
|      | GD35880-02 | -                 | 14 GA. Mini Hopper Shim (As Required)                 |
|      | GD35880-03 | -                 | 16 GA. Mini Hopper Shim (As Required)                 |
|      | GD35880-04 | -                 | 18 GA. Mini Hopper Shim (As Required)                 |

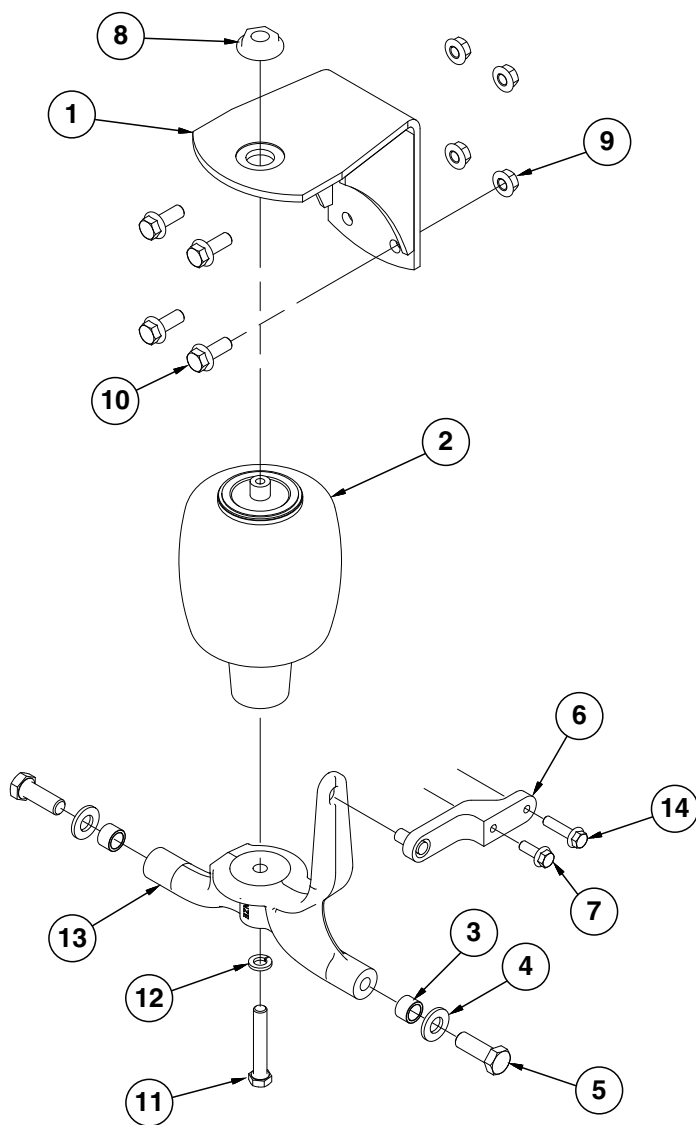


(A18054)



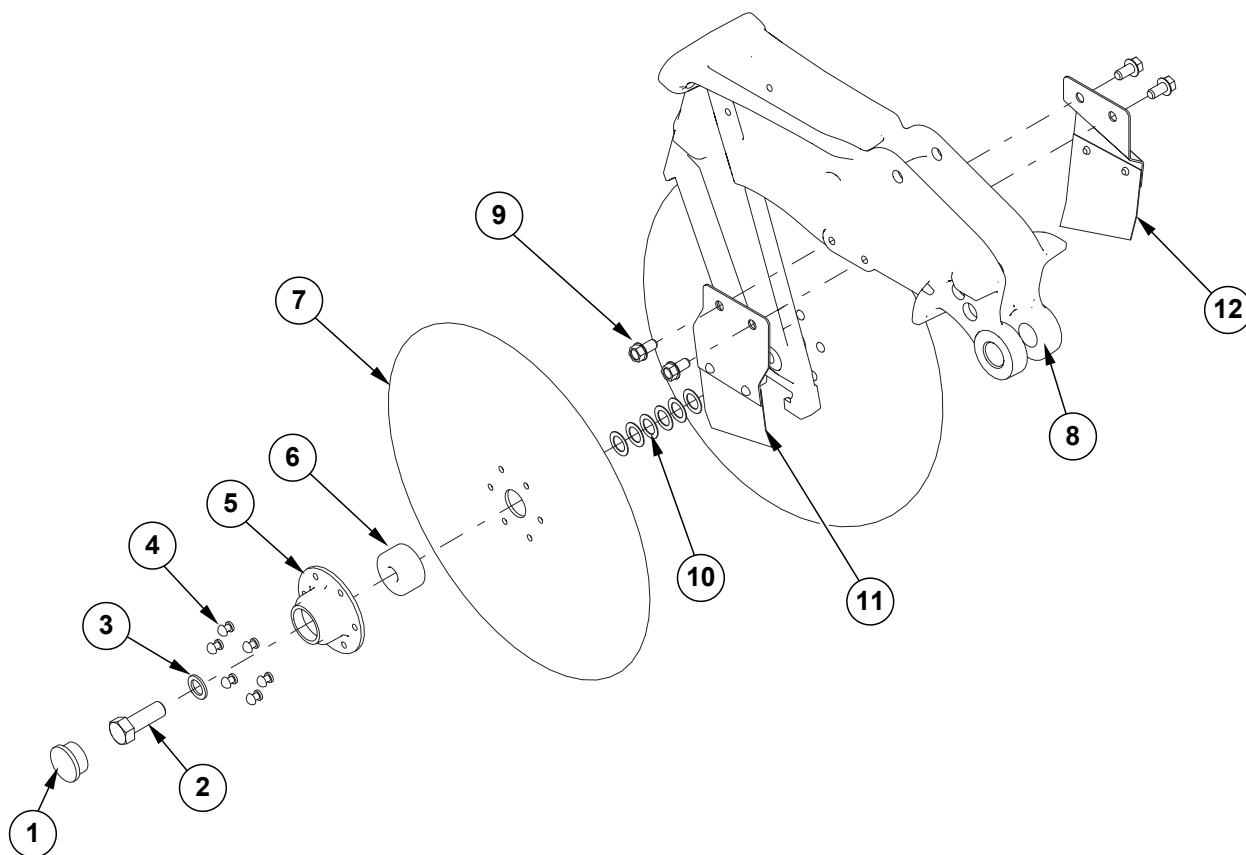
| ITEM | PART NO.           | QTY.<br>(Per Row) | DESCRIPTION                                                                                            |
|------|--------------------|-------------------|--------------------------------------------------------------------------------------------------------|
| 1    | GB0331             | 1                 | Clutch Adapter Plate                                                                                   |
| 2    | G10338             | 2                 | Carriage Bolt, 5/16"-18 x 1 1/4"                                                                       |
| 3    | G10620             | 2                 | Serrated Flange Nut, 5/16"-18                                                                          |
| 4    | G11123             | 2                 | Hex Serrated Flange Cap Screw, 3/8"-16 x 3/4"                                                          |
| 5    | G10310             | 3                 | Carriage Bolt, 1/4"-20 x 3/4", Grade 2                                                                 |
| 6    | G10621             | 3                 | Serrated Flange Nut, 1/4"-20                                                                           |
| 7    | GA17634            | 1                 | Chain Tightener                                                                                        |
| 8    | GA20640<br>GA10151 | 1                 | Seed Meter Clutch Assembly, 11/28 Tooth, Vacuum<br>Seed Meter Clutch Assembly, 11/19 Tooth, Mechanical |
| 9    | G3303-45           | 1                 | Chain, No. 41 Roller Chain, 45 Pitches, Vacuum                                                         |
| 10   | GA16374            | 1                 | Electric Clutch                                                                                        |
| 11   | GA20566            | 1                 | Hose Bracket, Vacuum Only                                                                              |
| 12   | G11539             | 2                 | Hex Socket Flange Cap Screw, 5/16"-18 x 3/4", Vacuum Only                                              |
| 13   | GA18004            | 1                 | Row Unit Idler W/Out Electric Clutch                                                                   |
| 14   | GD25666            | 1                 | Chain Tightener Bracket                                                                                |
| 15   | GD7318             | 1                 | Sleeve, 1" Long                                                                                        |
| 16   | G10201             | 1                 | Special Washer, 3/8" x 1 1/2" O.D.                                                                     |
| 17   | GD1026             | 1                 | Sleeve, 1 3/16"                                                                                        |
| 18   | G11387             | 1                 | Flat Washer, 3/8" SAE                                                                                  |
| 19   | G10809             | 1                 | Hex Head Cap Screw, 3/8"-16 x 3 1/4"                                                                   |
| 20   | G10108             | 1                 | Lock Nut, 3/8"-16                                                                                      |
| 21   | GD11962            | 1                 | Idler                                                                                                  |
| 22   | GD1065             | 1                 | Idler Spring                                                                                           |

(A17631)



| ITEM | PART NO. | QTY.<br>(Per Row) | DESCRIPTION                                                                      |
|------|----------|-------------------|----------------------------------------------------------------------------------|
| 1    | GA17580  | 1                 | Pneumatic Down Pressure Mount                                                    |
| 2    | GA11982  | 1                 | Air Spring Assembly                                                              |
| 3    | GB0218   | 2                 | Bushing, $2\frac{1}{32}$ " I.D. x $\frac{7}{8}$ " O.D. x $1\frac{19}{32}$ " Long |
| 4    | G11391   | 2                 | Flat Washer, $\frac{5}{8}$ " SAE                                                 |
| 5    | G10005   | 2                 | Hex Head Cap Screw, $\frac{5}{8}$ "-11 x $1\frac{3}{4}$ "                        |
| 6    | GD26974  | 1                 | Stabilizer Arm                                                                   |
| 7    | G11124   | 1                 | Hex Serrated Flange Cap Screw, $\frac{3}{8}$ "-16 x 1"                           |
| 8    | GB0397   | 1                 | Shoulder Nut, $\frac{3}{4}$ "-16                                                 |
| 9    | G10071   | 4                 | Serrated Flange Nut, $1\frac{1}{2}$ "-13                                         |
| 10   | G11271   | 4                 | Hex Socket Flange Cap Screw, $\frac{1}{2}$ "-13 x $1\frac{1}{4}$ "               |
| 11   | G10038   | 1                 | Hex Head Cap Screw, $\frac{1}{2}$ "-13 x 3"                                      |
| 12   | G10228   | 1                 | Lock Washer, $\frac{1}{2}$ "                                                     |
| 13   | GD25309  | 1                 | Air Bag Saddle                                                                   |
| 14   | G11408   | 1                 | Hex Serrated Flange Cap Screw, $\frac{3}{8}$ "-16 x $1\frac{1}{2}$ "             |

(IP1672)

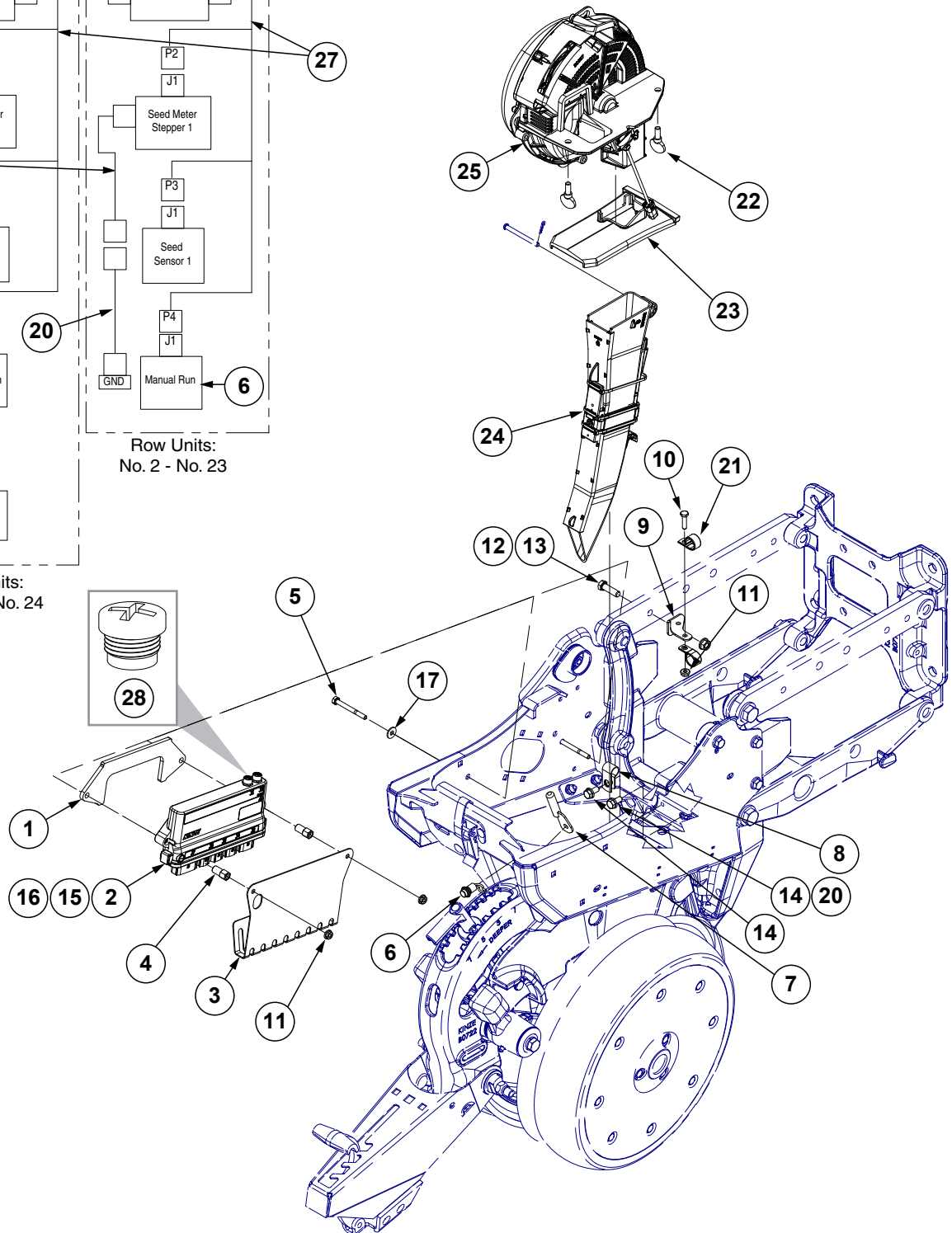
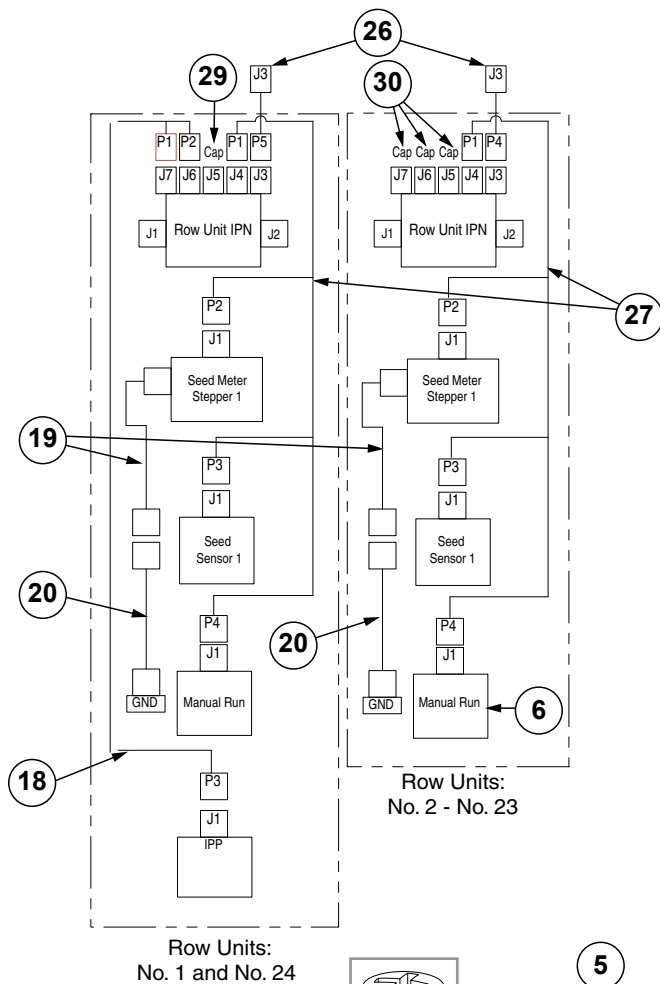


| ITEM | PART NO.  | QTY.<br>(Per Row) | DESCRIPTION                                                               |
|------|-----------|-------------------|---------------------------------------------------------------------------|
| 1    | G10090401 | 2                 | Plastic Ribbed Hub Cap                                                    |
| 2    | GD36856   | 1                 | Opener Blade Bolt, $\frac{5}{8}$ "-11 x $1\frac{3}{4}$ ", Grade 5 (Shown) |
|      | G10005    | 1                 | Hex Head Cap Screw, $\frac{5}{8}$ "-11 x $1\frac{3}{4}$ " (Other side)    |
| 3    | G10204    | 2                 | Special Machine Bushing, $\frac{5}{8}$ " x 1" O.D.                        |
| 4    | GD36990   | 12                | Rivet, $\frac{1}{4}$ " x $\frac{9}{16}$ "                                 |
| 5    | GD36860   | 2                 | Bearing Housing                                                           |
| 6    | GA26920   | 2                 | Bearing                                                                   |
| 7    | GD11306   | 2                 | Disc Blade, 3.5 mm x 15"                                                  |
| 8    | GD25072   | 1                 | Center Shank                                                              |
| 9    | G11123    | 4                 | Hex Serrated Flange Cap Screw, $\frac{3}{8}$ "-16 x $\frac{3}{4}$ "       |
| 10   | GD30725   | 12                | Machine Bushing, $\frac{5}{8}$ " (.030" Thick) (As Required)              |
| 11   | GA15451   | 1                 | L.H. Disc Scraper                                                         |
| 12   | GA15450   | 1                 | R.H. Disc Scraper                                                         |
| A    | G10018801 | -                 | Disc Blade/Bearing Assembly, Less Dust Cap (Items 4-7)                    |

For Additional Information:

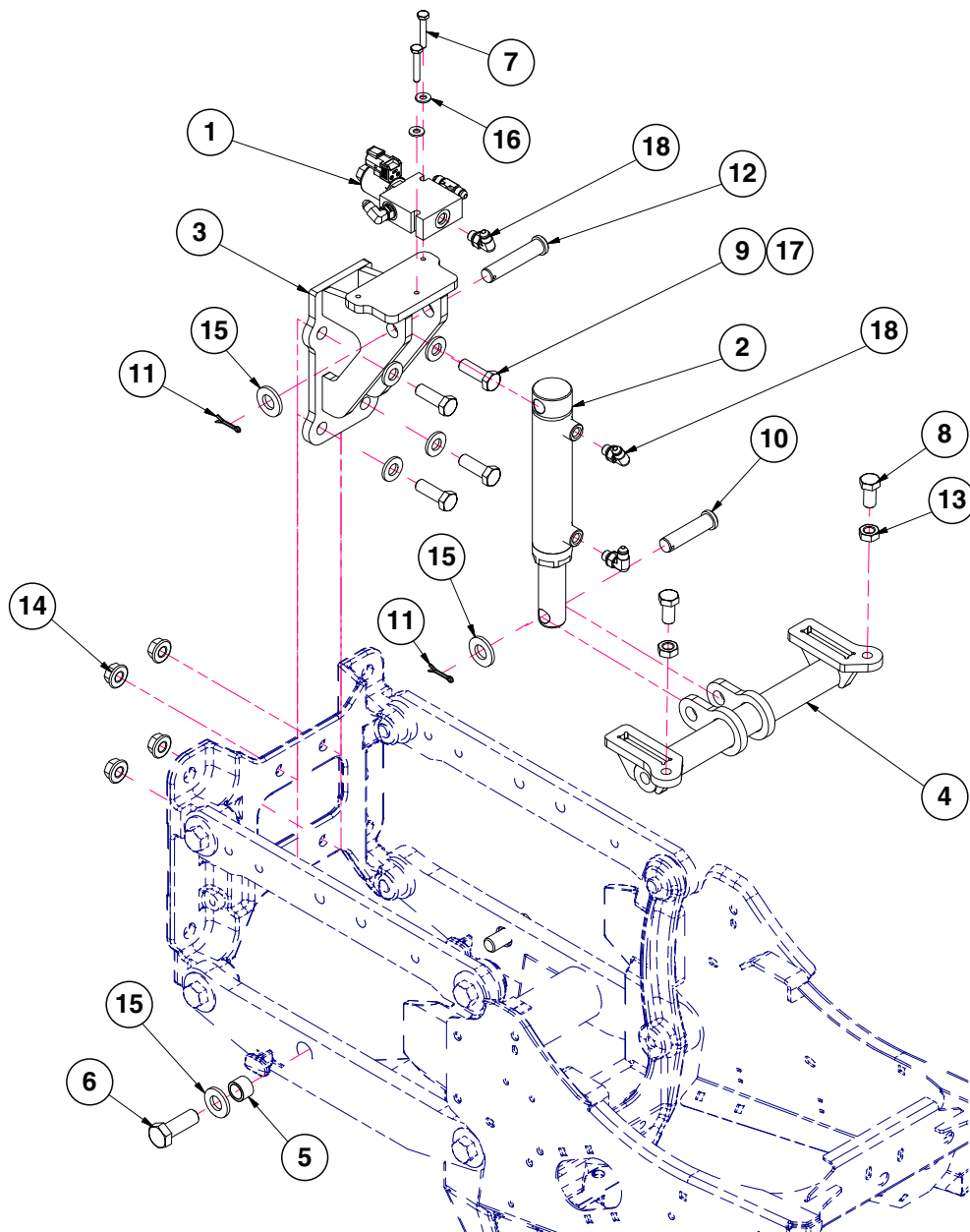
[See "Base Machine Electrical Schematic" on page P238](#)

[See "Ethernet Interconnect Electrical Schematic" on page P240](#)



| ITEM | PART NO.           | QTY.<br>(Per Row) | DESCRIPTION                                                                                            |
|------|--------------------|-------------------|--------------------------------------------------------------------------------------------------------|
| 1    | GD35629            | 1                 | IPN Row Unit Plate                                                                                     |
| 2    | GA25949            | 1                 | IPN Module Assembly                                                                                    |
| 3    | GD35626            | 1                 | IPN Wire Shield                                                                                        |
| 4    | GD35609            | 2                 | Hex Standoff                                                                                           |
| 5    | G11958             | 2                 | Hex Head Cap Screw, 1/4"-20 x 2 1/2", Grade 5                                                          |
| 6    | GA15485            | 1                 | Button                                                                                                 |
| 7    | GA21689            | 1                 | Wire Hangar                                                                                            |
| 8    | GD13348            | 1                 | Insulated Clamp, 1 1/16"                                                                               |
| 9    | GD30731            | 1                 | Row Unit Wire Loom Bracket                                                                             |
| 10   | G10064             | 1                 | Hex Head Cap Screw, 1/4"-20 x 1"                                                                       |
| 11   | G10621             | 3                 | Serrated Flange Nut, 1/4"-20                                                                           |
| 12   | G10622             | 1                 | Serrated Flange Nut, 3/8"-16                                                                           |
| 13   | G10004             | 1                 | Hex Head Cap Screw, 3/8"-16 x 1 1/4"                                                                   |
| 14   | G11560             | 2                 | Hex Socket Flange Cap Screw, 5/16"-18 x 5/8", Grade 5                                                  |
| 15   | GA25029            | 1                 | Row Unit Power Extension Harness                                                                       |
| 16   | GA25203            | 1                 | Row Unit Seed Meter Harness                                                                            |
| 17   | G10209             | 2                 | Washer, 1/4" USS                                                                                       |
| 18   | GA25214            | 2                 | IPP Harness, Wing                                                                                      |
| 19   | GA20710            | 1                 | Granular Chemical Motor ESD Drain Harness                                                              |
| 20   | GA20712            | 1                 | Row Unit ESD Drain Harness                                                                             |
| 21   | GD35913            | 2                 | Insulated Clamp, 3/4"                                                                                  |
| 22   | G11009             | 2                 | Locking Thumbscrew, 5/16"-18 x 3/4"                                                                    |
| 23   | GB0917             | 1                 | Vacuum Meter Cover                                                                                     |
| 24   | GA20914<br>GA20902 | 1                 | Seed Tube W/Computerized Sensor<br>Seed Tube (With Holes For Sensor Installation) (Included W/GA20914) |
| 25   | ---                | 1                 | <a href="#">See "Vacuum Seed Meter" on page P20</a>                                                    |
| 26   | GA25029            | 1                 | Row Unit Power Extension Harness                                                                       |
| 27   | GA25203            | 1                 | Row Unit Seed Meter Harness                                                                            |
| 28   | GD30726            | -                 | Socket Dust Cover, M12                                                                                 |
| 29   | GD35836            | -                 | Sealed Plug, MX150, 2 x 4, Key B W/CPA                                                                 |
| 30   | GD35837<br>GD35838 | -<br>-            | Sealed Plug, MX150, 2 x 3, Key A W/CPA<br>Sealed Plug, MX150, 2 x 10, Key A W/CPA                      |

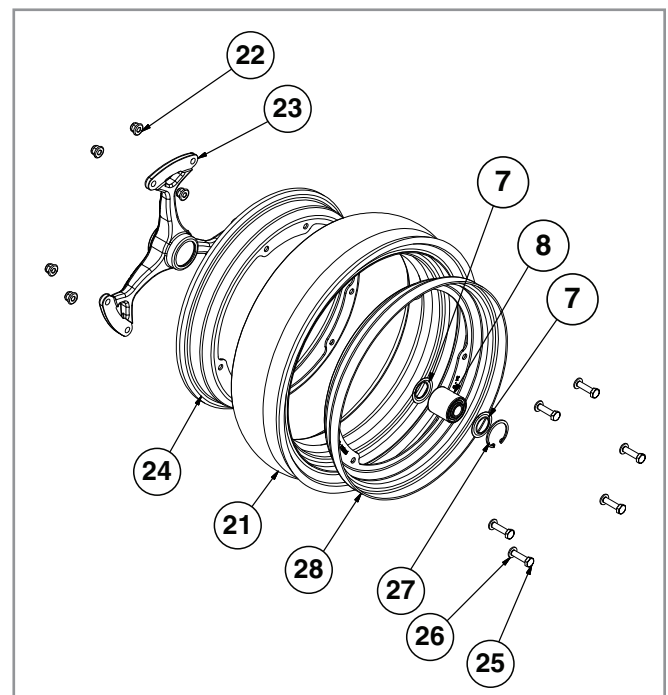
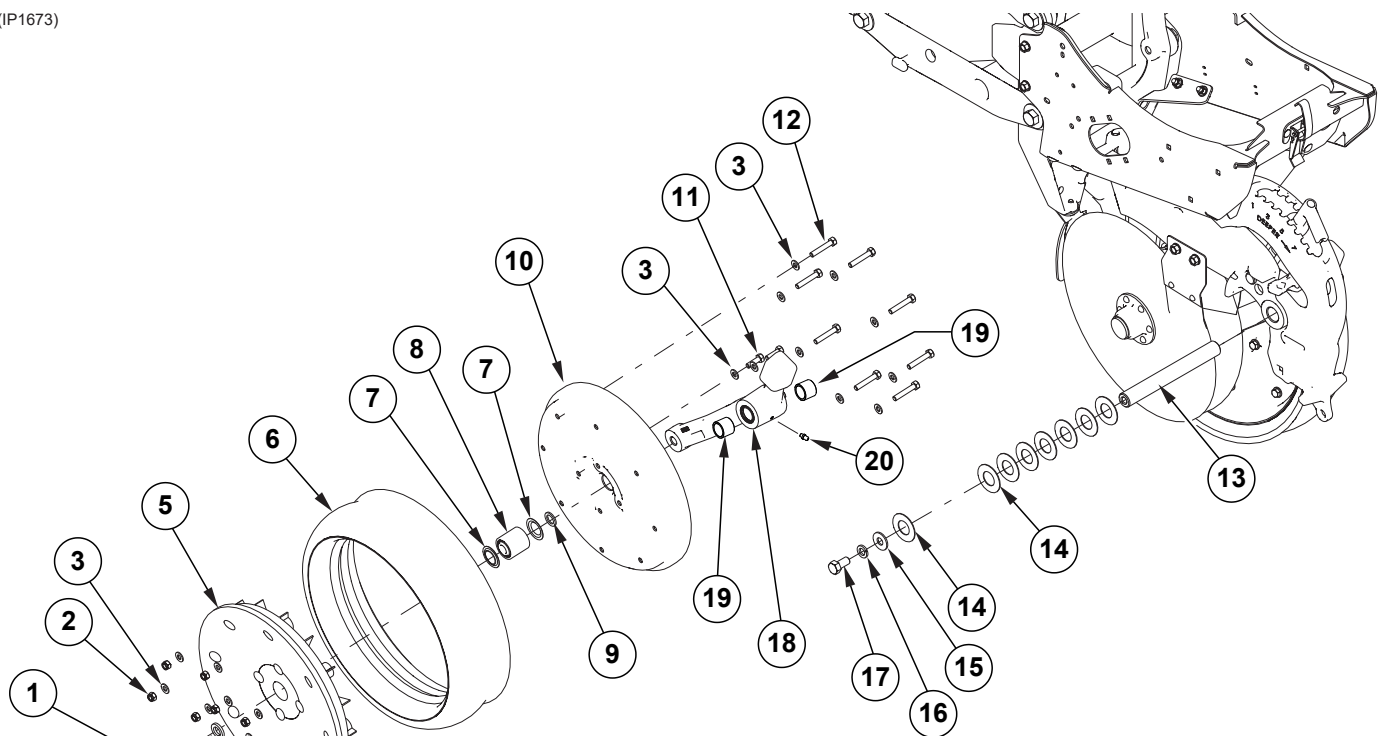
(102912)



| ITEM | PART NO.    | QTY.<br>(Per Row) | DESCRIPTION                                                               |
|------|-------------|-------------------|---------------------------------------------------------------------------|
| 1    | GA25264     | 1                 | <a href="#">See "Row Unit Control Block, Pull Row Units" on page P219</a> |
| 2    | GA25261     | 1                 | <a href="#">See "Hydraulic Down Force Cylinder" on page P203</a>          |
| 3    | GA25260     | 1                 | Row Unit Upper Mount                                                      |
| 4    | GA25259     | 1                 | Row Unit Lower Mount                                                      |
| 5    | GB0218      | 2                 | Bushing, 21/32" I.D. x 7/8" O.D. x 19/32" Long                            |
| 6    | GD28420     | 2                 | Hex Head Cap Screw, 5/8"-11 x 1-3/4", Grade 5                             |
| 7    | GD35459     | 2                 | Hex Head Cap Screw, 1/4"-20 x 1-1/2", Grade 5                             |
| 8    | G10014      | 2                 | Hex Head Cap Screw, 1/2"-13 x 1"                                          |
| 9    | G10017      | 4                 | Hex Head Cap Screw, 1/2"-13 x 1 1/2"                                      |
| 10   | G10564      | 1                 | Clevis Pin, 5/8" x 2 1/2"                                                 |
| 11   | G10451      | 2                 | Cotter Pin, 1/8" x 1"                                                     |
| 12   | G11875      | 1                 | Clevis Pin, 5/8" x 3"                                                     |
| 13   | G10501      | 2                 | Hex Jam Nut, 1/2"-13, Grade 2                                             |
| 14   | G10071      | 4                 | Serrated Flange Nut, 1/2"-13                                              |
| 15   | G11391      | 4                 | Flat Washer, 5/8" SAE                                                     |
| 16   | G11385      | 2                 | Flat Washer, 1/4" SAE                                                     |
| 17   | G11389      | 4                 | Flat Washer, 1/2" Plated SAE                                              |
| 18   | G6801-04-04 | 3                 | 90° Adjustable Elbow, 7/16"-20                                            |

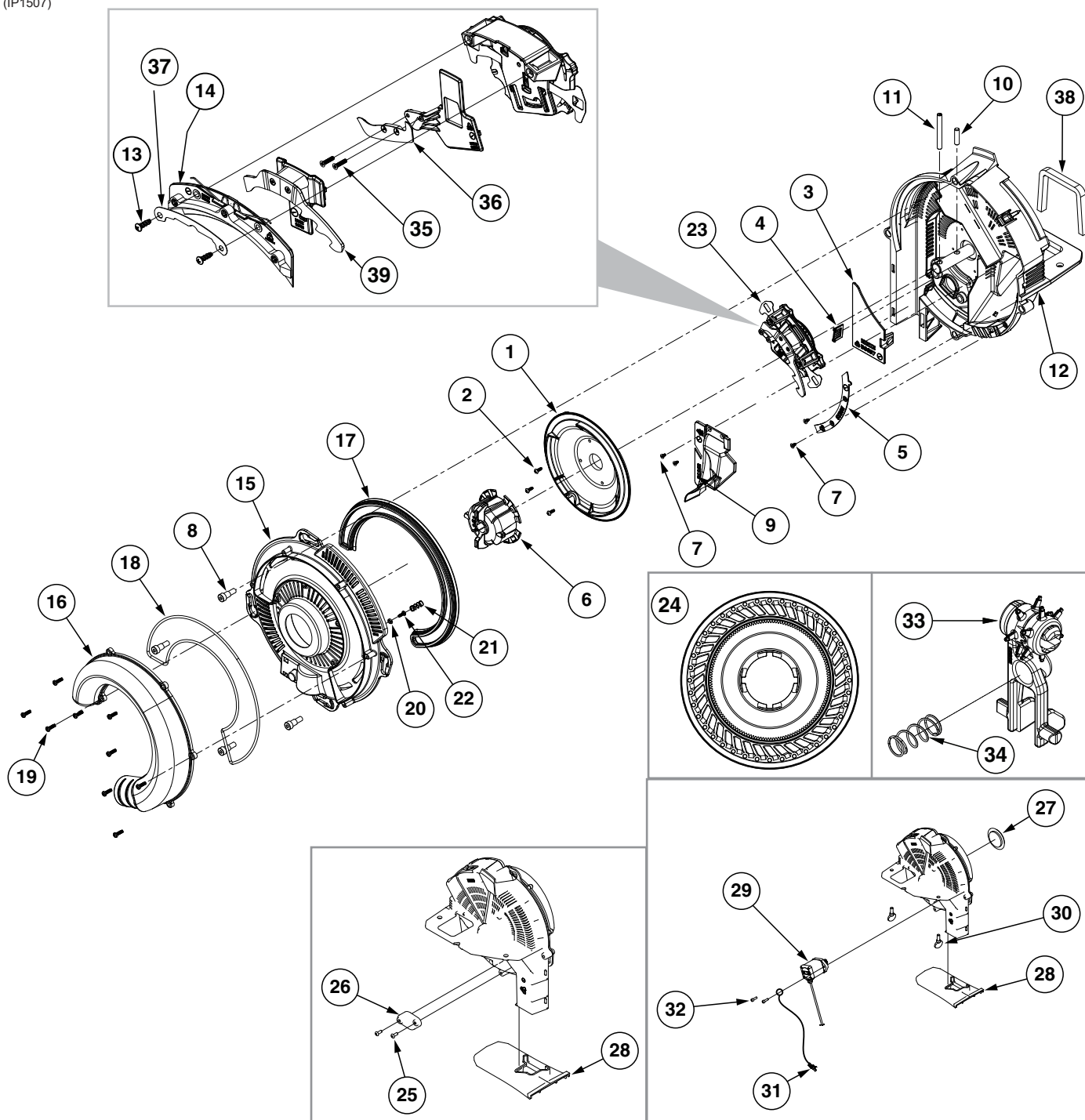


(IP1673)

**Spoked Gauge Wheel**

| ITEM | PART NO.  | QTY.<br>(Per Row) | DESCRIPTION                                                                             |
|------|-----------|-------------------|-----------------------------------------------------------------------------------------|
| 1    | G10010    | 1                 | Hex Head Cap Screw, 5/8"-11 x 3"                                                        |
| 2    | G10109    | 12                | Lock Nut, 5/16"-18, Grade 8                                                             |
| 3    | G11386    | 24                | Flat Washer, 5/16" SAE                                                                  |
| 4    | G10230    | 1                 | Lock Washer, 5/8"                                                                       |
| 5    | GD36709   | 1                 | Half Wheel, Black                                                                       |
| 6    | G10028601 | 1                 | Tire, 4 1/2" x 16                                                                       |
| 7    | GD36713   | 2                 | Gauge Wheel Dust Shield                                                                 |
| 8    | GA6171    | 1                 | Bearing                                                                                 |
| 9    | G10204    | 1                 | Special Machine Bushing, 5/8" x 1" O.D.                                                 |
| 10   | G10028701 | 1                 | Half Gauge Wheel                                                                        |
| 11   | G10019    | 4                 | Hex Head Cap Screw, 5/16"-18 x 1"                                                       |
| 12   | G10031    | 8                 | Hex Head Cap Screw, 5/16"-18 x 1 3/4"                                                   |
| 13   | GD11001   | 1                 | Spindle                                                                                 |
| 14   | G10940    | 8                 | Machine Bushing, 1" (.048" Thick)                                                       |
| 15   | G10216    | 1                 | Washer, 1/2" USS                                                                        |
| 16   | G10228    | 1                 | Lock Washer, 1/2"                                                                       |
| 17   | G10014    | 1                 | Hex Head Cap Screw, 1/2"-13 x 1"                                                        |
| 18   | GA21677   | 1                 | Wheel Arm W/Grease Fitting, Bushings And Seals, L.H. (Includes Items 19 and 20) (Shown) |
|      | GA21676   | 1                 | Wheel Arm W/Grease Fitting, Bushings And Seals, R.H. (Includes Items 19 and 20)         |
| 19   | GB0276    | 4                 | Bushing, 1" I.D. x 1 1/4" O.D. x 1" Long                                                |
| 20   | G10640    | 2                 | Grease Fitting, 1/4"-28                                                                 |
| 21   | G10028601 | 1                 | Tire, 4 1/2" x 16                                                                       |
| 22   | G10335001 | 6                 | Flanged Lock Nut, M8                                                                    |
| 23   | G10334701 | 1                 | Hub                                                                                     |
| 24   | G10334901 | 1                 | Wheel Flange                                                                            |
| 25   | G10335101 | 6                 | Screw, M8 x 30                                                                          |
| 26   | G11386    | 6                 | Flat Washer, 5/16"                                                                      |
| 27   | G10335201 | 1                 | Elastic Ring                                                                            |
| 28   | G10334801 | 1                 | Wheel Flange                                                                            |
| A    | G10028801 | -                 | Gauge Wheel Complete (Items 2-3, 5-8, and 10-12)                                        |
| B    | G10322501 | -                 | Spoked Gauge Wheel Complete (Items 7-8 and 21-28)                                       |

(IP1507)

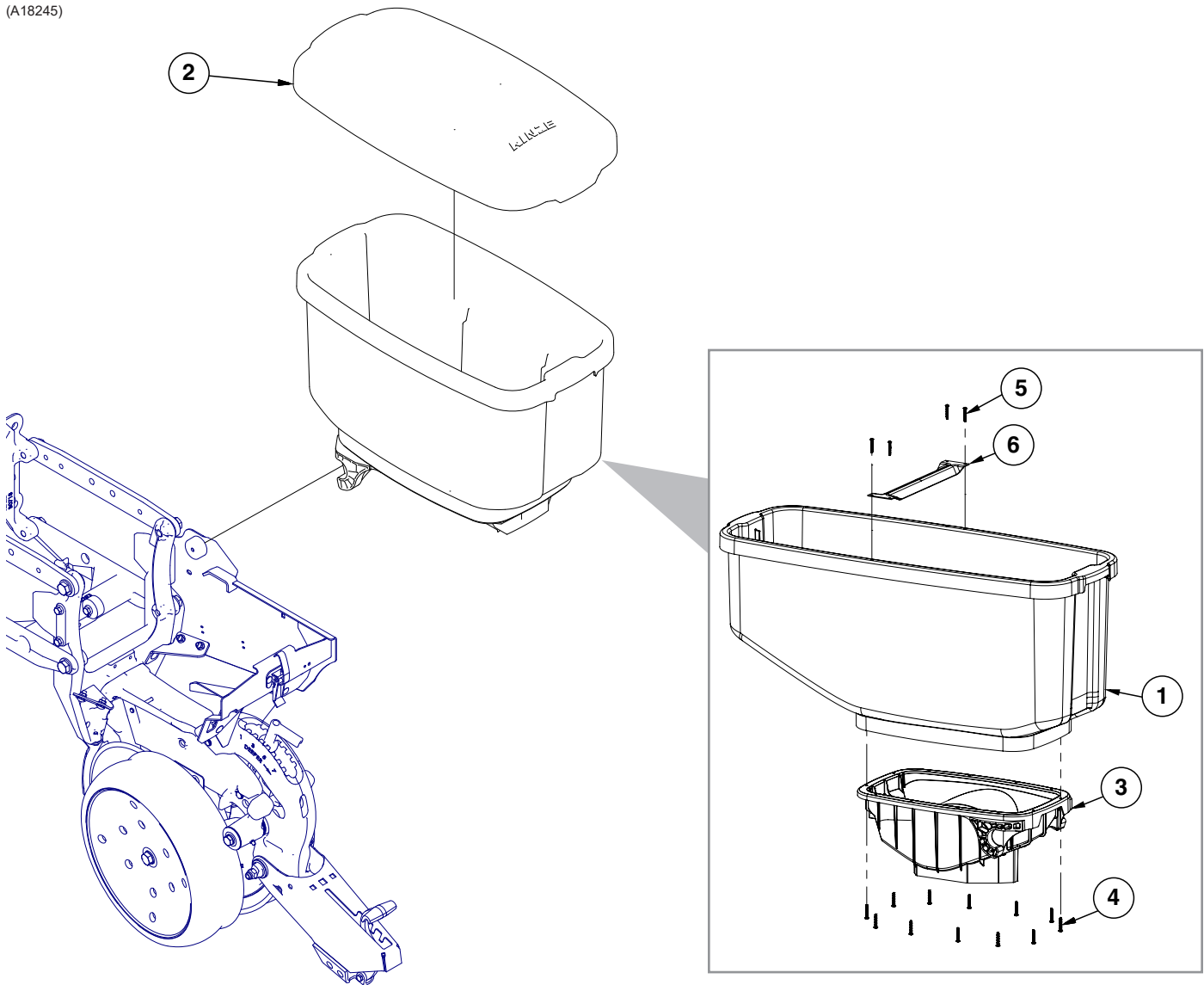


| ITEM | PART NO. | QTY. | DESCRIPTION                                                     |
|------|----------|------|-----------------------------------------------------------------|
| 1    | GB0815   | 1    | Shield                                                          |
| 2    | G11619   | 3    | Phillips Pan Head Tapping Screw, No. 6-19 x 3/8"                |
| 3    | GB0697   | 1    | Chute Cover                                                     |
| 4    | GB0780   | 1    | Brush                                                           |
| 5    | GB0823   | 1    | Baffle                                                          |
| 6    | GB0816   | 1    | Disc Hub                                                        |
| 7    | G11618   | 4    | Torx Flat Head Tapping Screw, No. 6-19 x 1/4"                   |
| 8    | G11172   | 4    | Hex Socket Head Shoulder Screw, 1/4"-20 x 3/8", Stainless Steel |

| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                                                                      |
|------|-----------|------|----------------------------------------------------------------------------------------------------------------------------------|
| 9    | GA24878   | 1    | Brush Assembly                                                                                                                   |
| 10   | G11448    | 1    | Pin, 1/4" x 1"                                                                                                                   |
| 11   | G10475    | 1    | Spring Pin, 1/4" x 2 1/4"                                                                                                        |
| 12   | GA24877   | 1    | Meter Housing W/Bearing                                                                                                          |
| 13   | G11578    | 2    | Phillips Pan Head Tapping Screw, No. 8-18 x 1/2"                                                                                 |
| 14   | GA24676   | 1    | Singulator Guide Sub Assembly                                                                                                    |
| 15   | GB0920    | 1    | Cover                                                                                                                            |
| 16   | GB0818    | 1    | Vacuum Port, Pull Row Unit                                                                                                       |
| 17   | GB0676    | 1    | Lip Seal                                                                                                                         |
| 18   | GD26593   | 1    | Gasket Housing                                                                                                                   |
| 19   | G11556    | 9    | Phillips Pan Head Tapping Screw, 6-19 x 1/2"                                                                                     |
| 20   | GB0907    | 1    | Retainer Spring                                                                                                                  |
| 21   | GD25147   | 1    | Compression Spring                                                                                                               |
| 22   | G11619    | 1    | Phillips Pan Head Tapping Screw, No. 6-19 x 3/8"                                                                                 |
| 23   | GA24752   | 1    | Singulator Assembly (Includes Items 13 and 14)                                                                                   |
| 24   | G11152X   | -    | Seed Disc, Corn, 40 Cell, Light Blue Color-Coded, Ejector Wheel, and Spring                                                      |
|      | G11046X   | -    | Seed Disc, Rapeseed, 83 Cell, Ejector Wheel, and Spring                                                                          |
|      | G11042X   | -    | Seed Disc, Wheat, 54 Cell, Ejector Wheel, and Spring                                                                             |
|      | G11047X   | -    | Seed Disc, Soybean, 120 Cell, Black Color-Coded, Ejector Wheel, and Spring                                                       |
|      | G11048X   | -    | Seed Disc, Soybean, 60 Cell, Black Color-Coded, Ejector Wheel, and Spring                                                        |
|      | G11154X   | -    | Seed Disc, Sugar Beets/Milo, Dark Orange Color-Coded, Ejector Wheel, and Spring                                                  |
|      | G11153X   | -    | Seed Disc, Sunflower, 40 Cell, Gray Color-Coded, Ejector Wheel, and Spring                                                       |
|      | G11039X   | -    | Seed Disc, Cotton, 60 Cell, Green Color-Coded, Ejector Wheel, and Spring                                                         |
|      | G11040X   | -    | Seed Disc, Black Turtle and Navy Edible Bean and Popcorn, 60 Cell, Brown Color-Coded, Ejector Wheel, and Spring                  |
|      | G11041X   | -    | Seed Disc, Pinto and Great Northern Edible Beans and Low-Rate Soybean, 60 Cell, Dark Blue Color Coded, Ejector Wheel, and Spring |
|      | GB1237    | -    | Anti-Static Blank Seed Disc                                                                                                      |
|      | GB1231    | -    | Blank Seed Disc                                                                                                                  |
| 25   | G11281    | 2    | Hex Button Head Cap Screw, 10-24 x 1/2"                                                                                          |
| 26   | GD28631   | 1    | Cover Plate                                                                                                                      |
| 27   | GD29425   | 1    | Dust Cap                                                                                                                         |
| 28   | GB0917    | 1    | Vacuum Meter Cover                                                                                                               |
| 29   | G10494201 |      | Meter Stepper Motor                                                                                                              |
| 30   | G11009    | 2    | Locking Thumbscrew, 5/16"-18 x 3/4"                                                                                              |
| 31   | GA20711   | 1    | Seed Meter Motor ESD Drain Harness                                                                                               |
| 32   | G11588    | 2    | Hex Socket Head Cap Screw, No. 10-24 x 5/8" Grade 8                                                                              |
| 33   | G10665101 | -    | Ejector Arm, Corn                                                                                                                |
|      | G10483401 | -    | Ejector Arm, Soybean (120 Cell)                                                                                                  |
|      | G10483201 | -    | Ejector Arm, Soybean (60 Cell)                                                                                                   |
|      | G10665001 | -    | Ejector Arm, Sunflower                                                                                                           |
|      | G10664901 | -    | Ejector Arm, Beets/Milo                                                                                                          |
|      | G10484901 | -    | Ejector Arm, Black Turtle, Navy, Pinto, and Great Northern Edible Bean, Popcorn, and Low-Rate Soybean, Cotton                    |
|      | GA25550   | -    | Ejector Arm, Rapeseed                                                                                                            |
|      | GA26989   | -    | Ejector Arm, Wheat                                                                                                               |
| 34   | G10483101 | -    | Compression Spring                                                                                                               |
| 35   | G11693    | 2    | Torx Flat Head Machine Screw, No. 4-40 x 1/2"                                                                                    |
| 36   | GB0921    | 1    | Lower Blade                                                                                                                      |
| 37   | GD29657   | 1    | Retainer                                                                                                                         |
| 38   | GD34774   | 1    | Meter Gasket                                                                                                                     |
| 39   | GB0958    | 1    | Outer Blade                                                                                                                      |
| A    | GA20622   | 1    | Cover Assembly (Items 15-22)                                                                                                     |
| B    | G9899X    | 1    | Vacuum Meter Assembly, Electric Drive (Items 1-32 except item 24)                                                                |

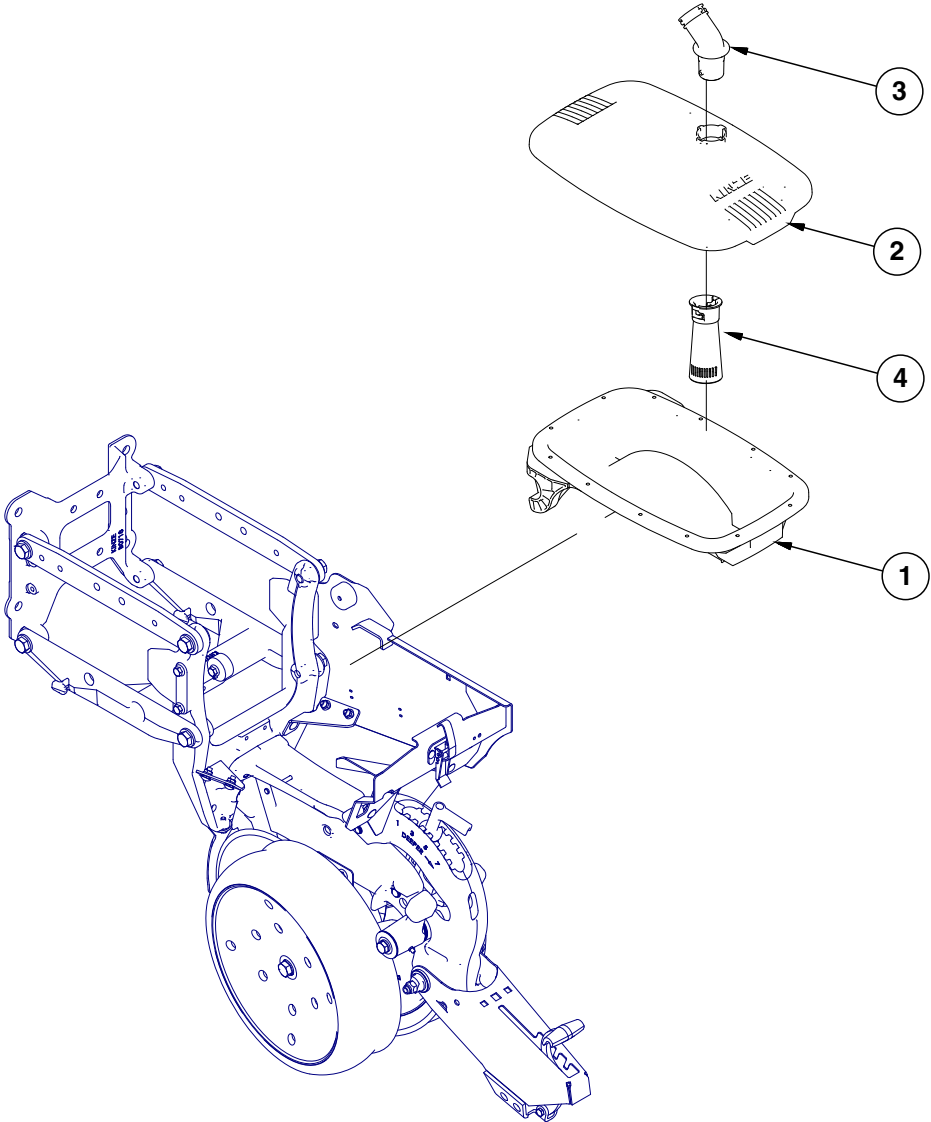
\*Includes seed disc, ejector wheel, and spring.

(A18245)



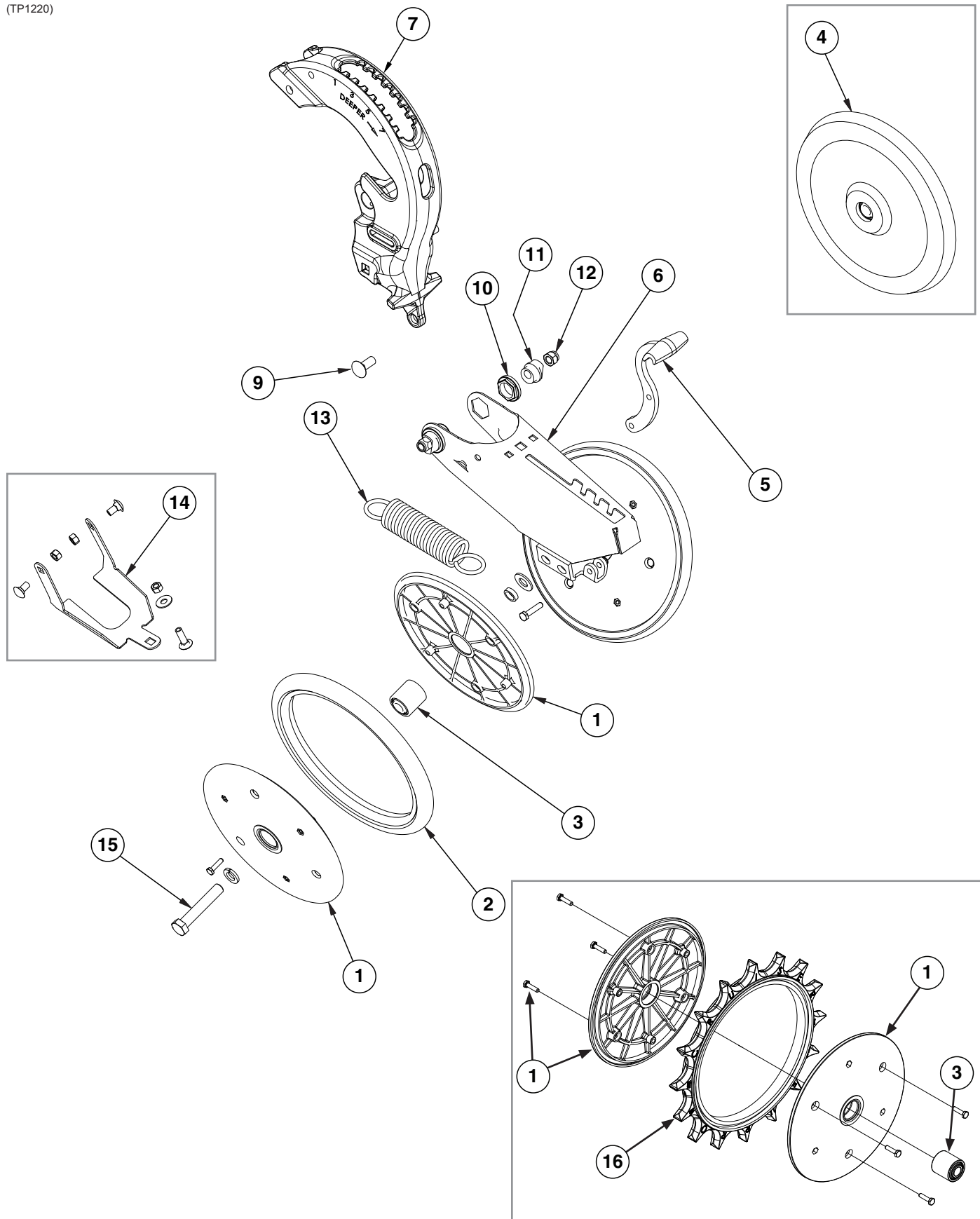
| ITEM | PART NO. | QTY. | DESCRIPTION                                                       |
|------|----------|------|-------------------------------------------------------------------|
| 1    | GB0753   | 1    | Seed Hopper, 1.9 Bushel                                           |
|      | GB0754   | -    | Seed Hopper, 3.0 Bushel                                           |
| 2    | GA17453  | 1    | Hopper Lid, 1.9 Bushel                                            |
|      | GA17754  | -    | Hopper Lid, 3.0 Bushel                                            |
| 3    | GA24874  | 1    | Mini-Hopper, Vacuum Seed Metering                                 |
|      | GD12561  | -    | Threaded Insert, 5/16"-18                                         |
| 4    | G11584   | 12   | Torx Pan Head Tapping Screw, No. 12-16 x 1 1/4"                   |
| 5    | G11527   | 4    | Torx Pan Head Tapping Screw, No. 10-16 x 1 1/4" (3.0 Bushel Only) |
| 6    | GD24708  | 1    | Strap (3.0 Bushel Only)                                           |

(A18243)



| ITEM | PART NO. | QTY. | DESCRIPTION                                |
|------|----------|------|--------------------------------------------|
| 1    | GA17773  | 1    | Mini-Hopper Assembly, Vacuum Seed Metering |
|      | GD12561  | 2    | Threaded Insert, 5/16"-18                  |
| 2    | GB0755   | 1    | Mini-Hopper Lid                            |
| 3    | GB0695   | 1    | Inlet                                      |
| 4    | GB0696   | 1    | Discharge                                  |

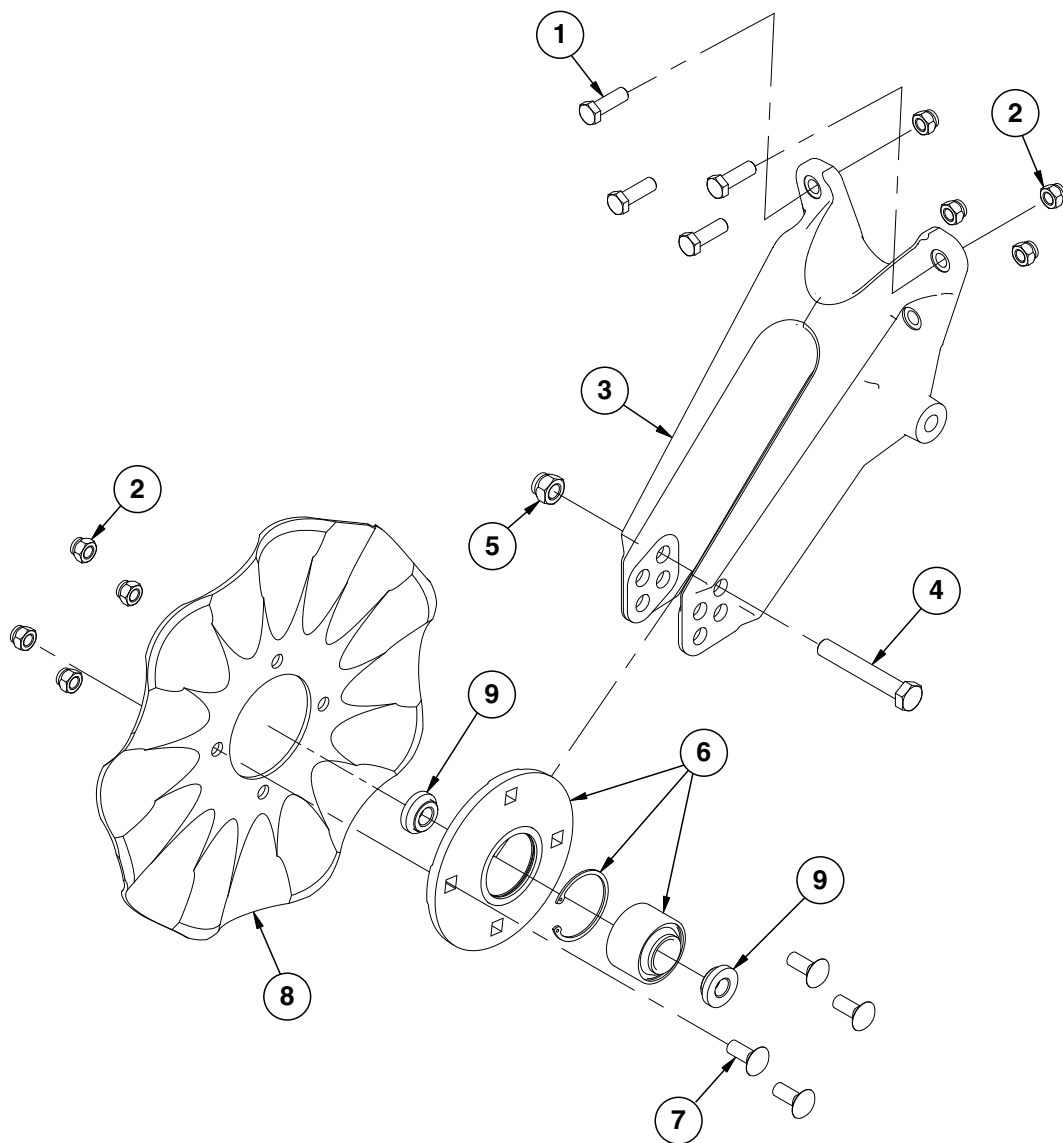
(TP1220)



| ITEM | PART NO.   | QTY.<br>(Per Row) | DESCRIPTION                                                                      |
|------|------------|-------------------|----------------------------------------------------------------------------------|
| 1    | GD9120     | 4                 | Nylon Half Wheel                                                                 |
|      | G10064     | 12                | Hex Head Cap Screw, ¼"-20 x 1"                                                   |
| 2    | GD1085     | 2                 | Rubber Tire, 1" x 12"                                                            |
| 3    | GA6171     | 2                 | Bearing                                                                          |
| 4    | GA6597     | 1                 | Cast Iron Closing Wheel W/Bearing                                                |
|      | GA6171     | 1                 | Bearing                                                                          |
| 5    | GB0254     | 1                 | Lever                                                                            |
|      | G10133     | 1                 | Hex Head Cap Screw, ⅝"-18 x 1½"                                                  |
|      | G10109     | 1                 | Lock Nut, ⅝"-18, Grade 8                                                         |
| 6    | GA15197    | 1                 | Arm                                                                              |
| 7    | ---        | -                 | <a href="#">See "Shank Assembly, Seed Tube, and Depth Adjustment" on page P2</a> |
| 8    | ---        | -                 | ---                                                                              |
| 9    | G10747     | 2                 | Carriage Bolt, ½"-13 x 2"                                                        |
| 10   | GB0282     | 2                 | Stepped Bushing                                                                  |
| 11   | GB0239     | 2                 | Eccentric Bushing                                                                |
| 12   | G10111     | 2                 | Lock Nut, ½"-13                                                                  |
| 13   | GD8460     | 1                 | Spring                                                                           |
| 14   | G1K345     | -                 | Closing Wheel Shield Kit W/Hardware and Instruction                              |
|      | GD14065    | 1                 | Closing Wheel Shield                                                             |
|      | G10599     | 1                 | Carriage Bolt, ⅜"-16 x 1¼"                                                       |
|      | G10308     | 2                 | Carriage Bolt, ⅜"-16 x ¾"                                                        |
|      | G10101     | 3                 | Hex Nut, ⅜"-16                                                                   |
| 15   | G10013     | 2                 | Hex Head Cap Screw, ⅝"-11 x 3½"                                                  |
|      | G11391     | 2                 | Flat Washer, ⅝" SAE                                                              |
|      | GD1109     | 2                 | Bushing, 4¼" I.D. x 7/8" O.D. x ¼" Long                                          |
|      | G10230     | 2                 | Lock Washer, ⅝"                                                                  |
|      | G10107     | 2                 | Lock Nut, ⅝"-11                                                                  |
| 16   | GD31353MPP | 2                 | Spiked Wheel Insert (Package of 2)                                               |
| A    | GA6434     | -                 | Rubber Closing Wheel Complete W/Bearing (Items 1-3)                              |
| B    | GA22165    | -                 | Spiked Closing Wheel Complete W/Bearing (Items 1, 3, and 16)                     |

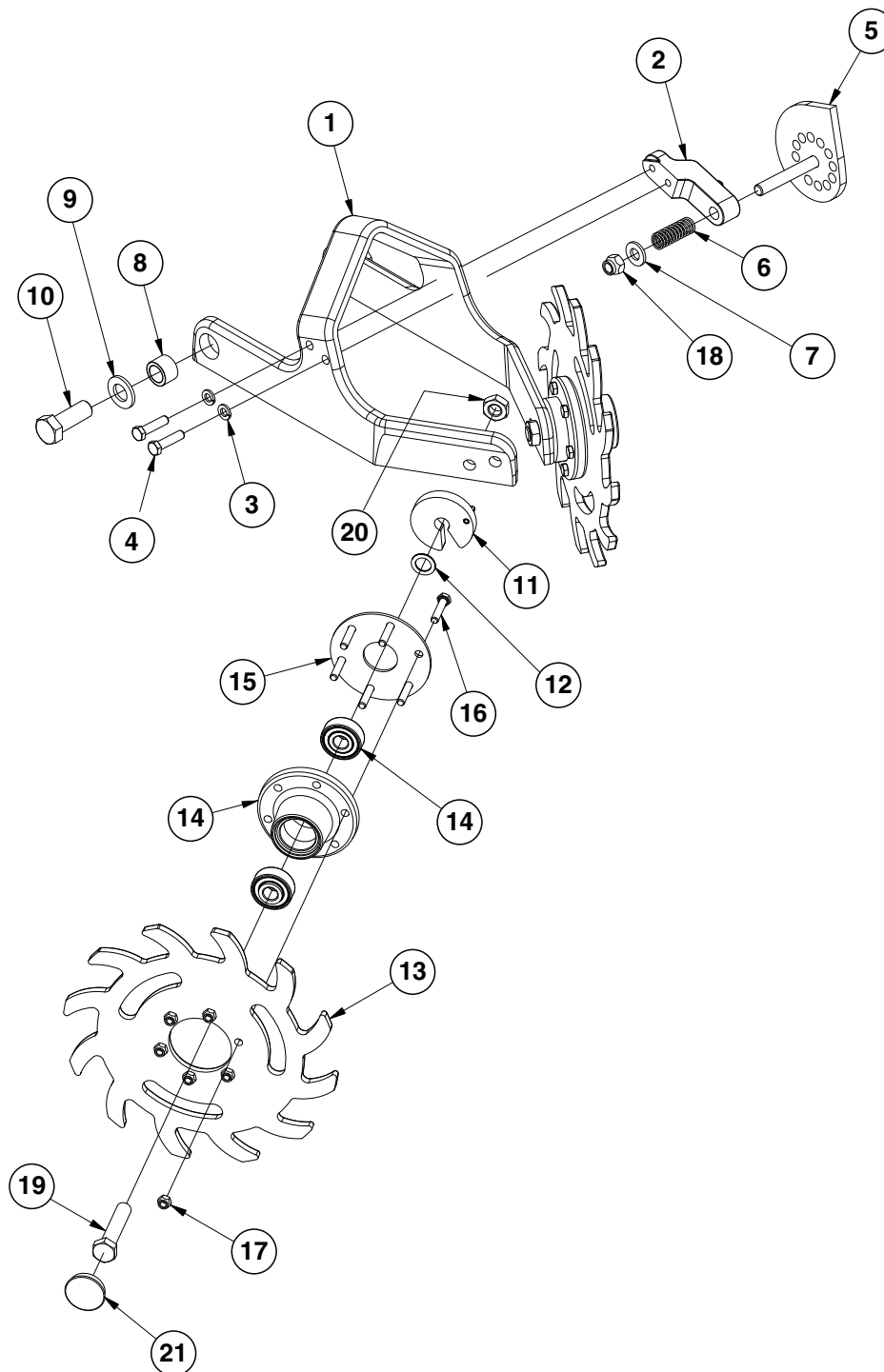


(IP1464)

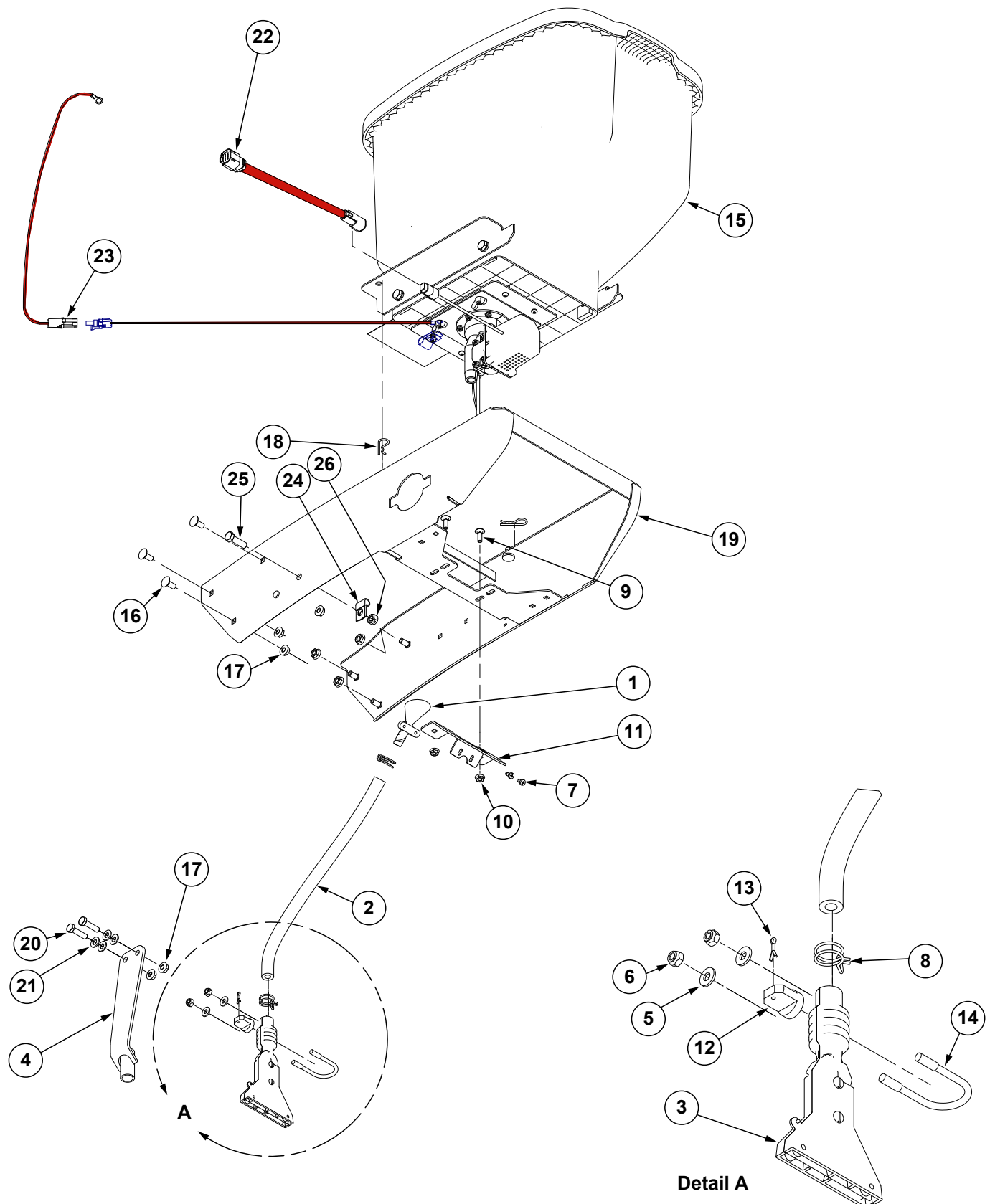


| ITEM | PART NO. | QTY.<br>(Per Row) | DESCRIPTION                                           |
|------|----------|-------------------|-------------------------------------------------------|
| 1    | G10039   | 4                 | Hex Head Cap Screw, 1/2"-13 x 1 3/4"                  |
| 2    | G10111   | 8                 | Lock Nut, 1/2"-13                                     |
| 3    | GD25519  | 1                 | No-Till Coulter Arm                                   |
| 4    | G10036   | 1                 | Hex Head Cap Screw, 5/8"-11 x 4"                      |
| 5    | G10107   | 1                 | Lock Nut, 5/8"-11                                     |
| 6    | GA8641   | 1                 | Hub W/Bearing and Retaining Ring                      |
|      | GA8603   | 1                 | Bearing, Double Row                                   |
|      | GD11652  | 1                 | Retaining Ring, 2 7/16"                               |
| 7    | G10574   | 4                 | Carriage Bolt, 1/2"-13 x 1 1/4"                       |
| 8    | GD7803   | 1                 | Disc Blade, Fluted, 1", 8 Flutes (shown)              |
|      | GD7804   | -                 | Disc Blade, Bubbled, 1"                               |
|      | GD9254   | -                 | Disc Blade, Fluted, 3/4", 13 Flutes                   |
| 9    | GD11677  | 2                 | Adapter                                               |
| A    | GA8641   | -                 | Hub W/Bearing and Retaining Ring (Includes Items 6-8) |

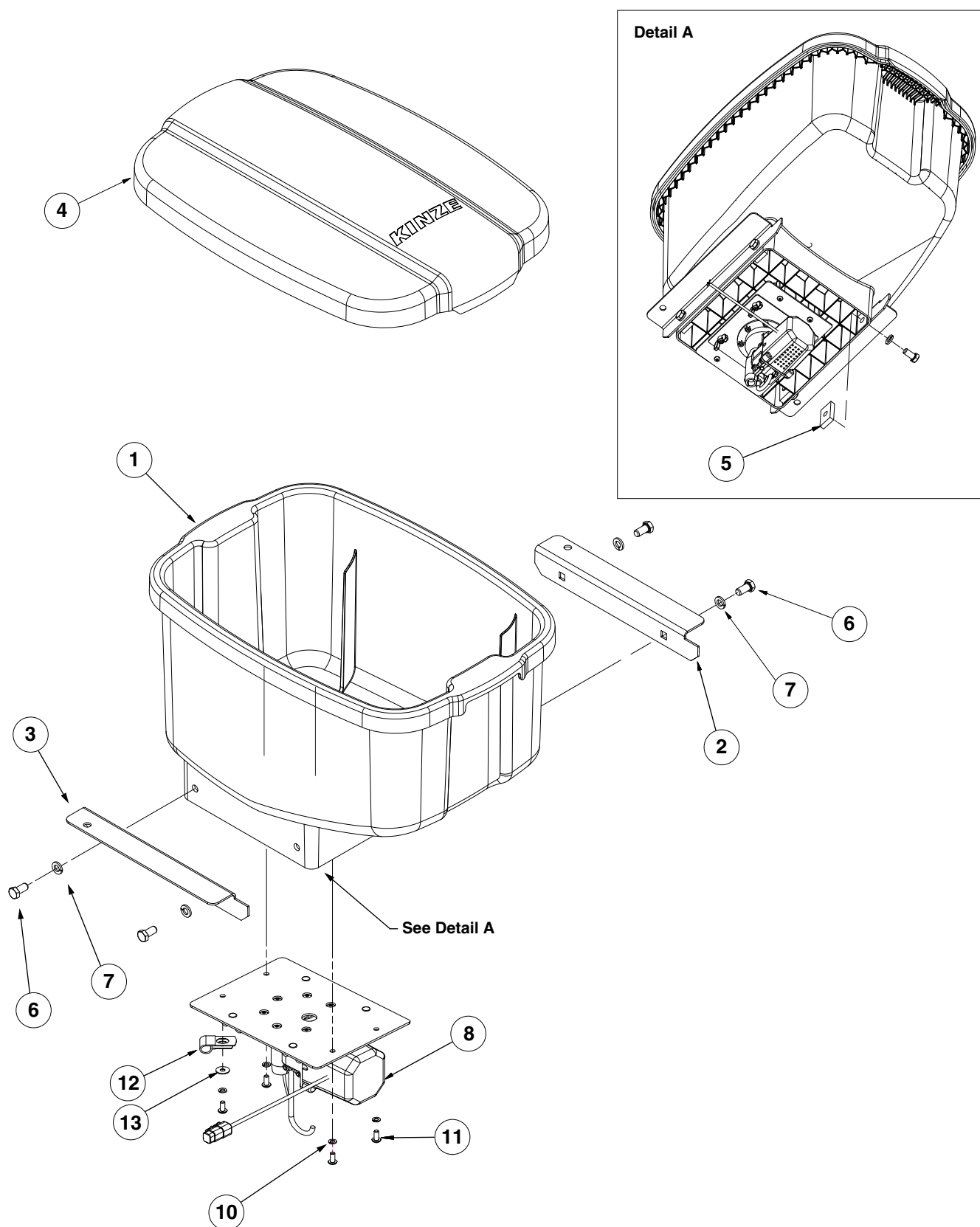
(IP1468)



| ITEM | PART NO. | QTY.<br>(Per Row) | DESCRIPTION                                    |
|------|----------|-------------------|------------------------------------------------|
| 1    | GB0464   | 1                 | Residue Wheel Mount                            |
| 2    | GD26973  | 1                 | Cam Locking Pin                                |
| 3    | G10229   | 2                 | Lock Washer, 3/8"                              |
| 4    | G10004   | 2                 | Hex Head Cap Screw, 3/8"-16 x 1 1/4"           |
| 5    | GA27038  | 1                 | Row Cleaner Cam                                |
| 6    | GD10519  | 1                 | Spring                                         |
| 7    | G11389   | 1                 | Flat Washer, 1/2" Plated SAE                   |
| 8    | GB0383   | 2                 | Bushing, 1 1/8" O.D. x 25/32" I.D. x 3/4" Long |
| 9    | G11392   | 2                 | Flat Washer, 3/4" SAE                          |
| 10   | G10026   | 2                 | Hex Head Cap Screw, 3/4"-10 x 2"               |
| 11   | GA8760   | 2                 | Weed Guard W/Spring Pin                        |
|      | G10765   | -                 | Spring Pin, 1/4" x 1"                          |
| 12   | GD30725  | 4                 | Machine Bushing, 5/8" (.030" Thick)            |
| 13   | GB0387   | 2                 | Wheel, 12 Tine, 3/8" x 12"                     |
| 14   | GA5654   | 2                 | Hub W/Bearings                                 |
|      | GA2014   | -                 | Bearing                                        |
| 15   | GD9724   | 2                 | Backing Plate                                  |
| 16   | G10133   | 12                | Hex Head Cap Screw, 5/16"-18 x 1 1/2"          |
| 17   | G10109   | 12                | Lock Nut, 5/16"-18, Grade 8                    |
| 18   | G10974   | 1                 | Lock Nut W/Nylon Insert, 1/2"-13               |
| 19   | G10010   | 2                 | Hex Head Cap Screw, 5/8"-11 x 3"               |
| 20   | G10503   | 2                 | Hex Jam Nut, 5/8"-11, Grade 2                  |
| 21   | GD1132   | 2                 | Dust Cap                                       |
| A    | GA12235  | -                 | L.H. Residue Wheel (Items 13-17)               |
| B    | GA12236  | -                 | R.H. Residue Wheel (Items 13-17)               |



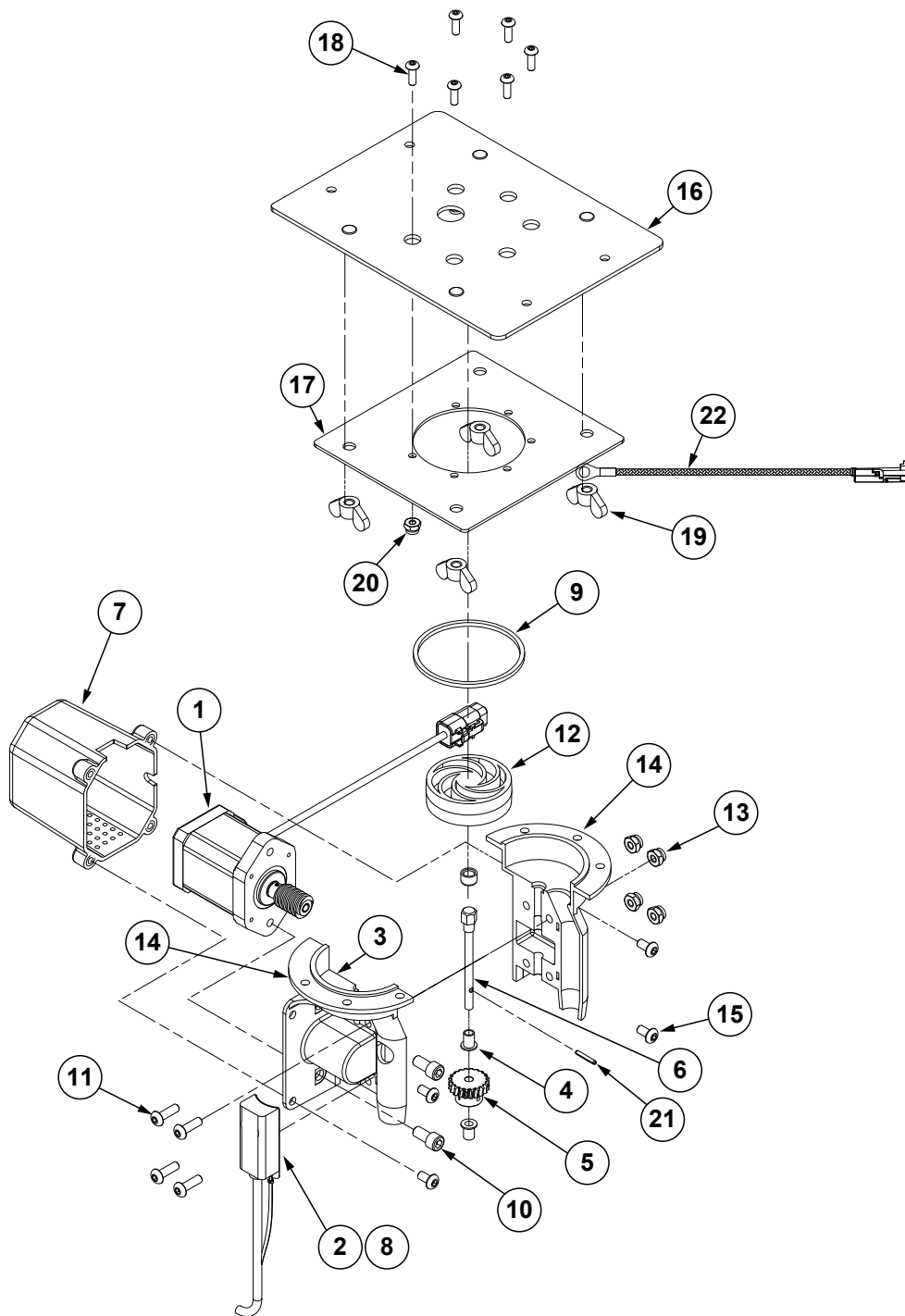
| ITEM | PART NO. | QTY.<br>(Per Row) | DESCRIPTION                                                               |
|------|----------|-------------------|---------------------------------------------------------------------------|
| 1    | GD29493  | 1                 | Funnel                                                                    |
| 2    | GD2947   | 1                 | Hose, 7/16" x 28"                                                         |
| 3    | GA7270   | 1                 | Slope-Compensating Bander W/Hardware (4 1/2" Band Width) (Subs to GA6907) |
|      | G10864   | 1                 | Uni-Clamp (Included W/GA7270)                                             |
|      | G10757   | 2                 | Pan Head Screw, No. 10-32 x 1 1/4" (Included W/GA7270)                    |
|      | G10758   | 2                 | Hex Nut, No. 10-32 (Included W/GA7270)                                    |
| 4    | GA18050  | 1                 | In-Furrow Bracket                                                         |
| 5    | G11385   | 2                 | Flat Washer, 1/4" SAE                                                     |
| 6    | G10110   | 2                 | Lock Nut, 1/4"-20, Grade B                                                |
| 7    | G10966   | 2                 | Phillips Head Self-Tapping Screw, No. 10 x 1/2"                           |
| 8    | G11209   | 2                 | Wire Hose Clamp, 3/4"                                                     |
| 9    | G10310   | 2                 | Carriage Bolt, 1/4"-20 x 3/4", Grade 2                                    |
| 10   | G10621   | 2                 | Serrated Flange Nut, 1/4"-20                                              |
| 11   | GD26803  | 1                 | Bracket                                                                   |
| 12   | GD26804  | 1                 | Bander Spacer                                                             |
| 13   | G10099   | 1                 | Cotter Pin, 3/32" x 1/2"                                                  |
| 14   | GD26572  | 1                 | U-Bolt, 1 3/8" x 1/4"-20                                                  |
| 15   | ---      | 1                 | <a href="#">See "Granular Chemical Hopper" on page P29</a>                |
| 16   | G10312   | 6                 | Carriage Bolt, 5/16"-18 x 3/4"                                            |
| 17   | G10620   | 8                 | Serrated Flange Nut, 5/16"-18                                             |
| 18   | G10670   | 2                 | Hair Pin Clip, No. 3                                                      |
| 19   | GA18536  | 1                 | Hopper Panel Extension <b>(Non-Stock Item)</b>                            |
| 20   | G10171   | 2                 | Hex Head Cap Screw, 5/16"-18 x 1 1/4"                                     |
| 21   | G11386   | 4                 | Flat Washer, 5/16" SAE                                                    |
| 22   | GA22522  | 1                 | Insecticide Harness                                                       |
| 23   | GA20712  | 1                 | Row Unit ESD Drain Harness                                                |
| 24   | GD6291   | 1                 | Insulated Clamp, 3/8"                                                     |
| 25   | G10004   | 1                 | Hex Head Cap Screw, 3/8"-16 x 1 1/4"                                      |
| 26   | G10108   | 1                 | Lock Nut, 3/8"-16                                                         |



| ITEM | PART NO. | QTY.<br>(Per Row) | DESCRIPTION                                                    |
|------|----------|-------------------|----------------------------------------------------------------|
| 1    | GA17775  | 1                 | Chemical Hopper                                                |
| 2    | GD23802  | 1                 | R.H. Hopper Support                                            |
| 3    | GD23803  | 1                 | L.H. Hopper Support                                            |
| 4    | GA17454  | 1                 | Hopper Lid                                                     |
| 5    | GD11424  | 4                 | Block                                                          |
| 6    | G10002   | 4                 | Hex Head Cap Screw, 3/8"-16 x 3/4"                             |
| 7    | G10229   | 4                 | Lock Washer, 3/8"                                              |
| 10   | G10257   | 4                 | Lock Washer, No. 10                                            |
| 9    | G11793   | -                 | Hex Socket Head Cap Screw, No. 10-24 x 7/8"                    |
| 8    | GA15475  | 1                 | <a href="#">See "Blue Drive Insecticide Meter" on page P33</a> |
| 11   | G11281   | 4                 | Hex Button Head Cap Screw, 10-24 x 1/2"                        |
| 12   | GD6291   | 1                 | Insulated Clamp, 3/8"                                          |
| 13   | G10243   | 1                 | Washer, No. 10 SAE                                             |

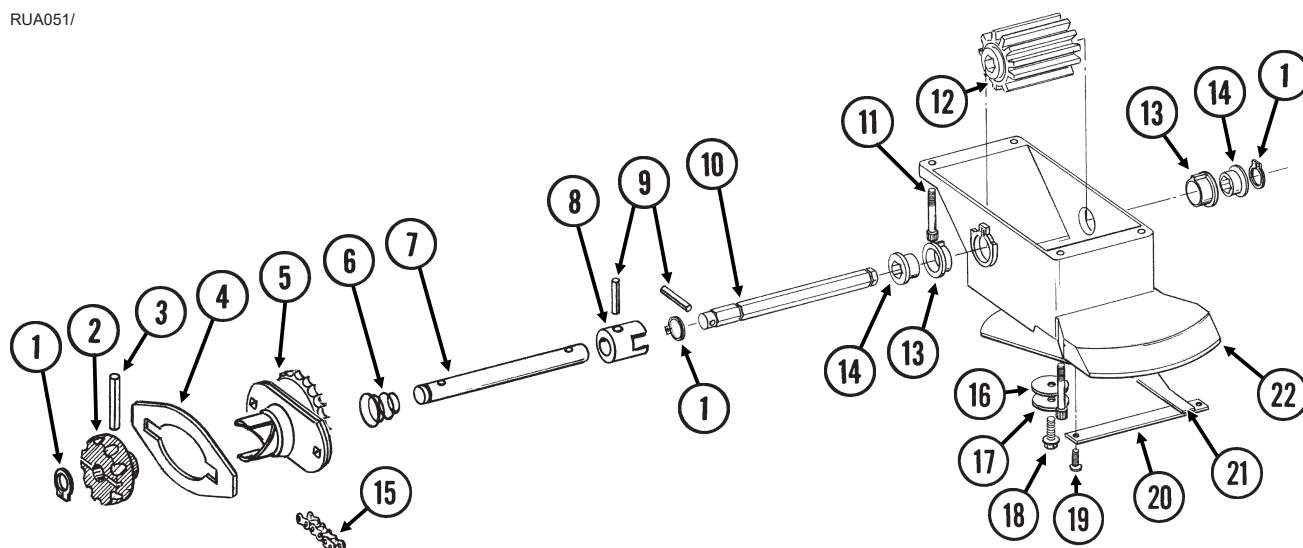


(A15475)



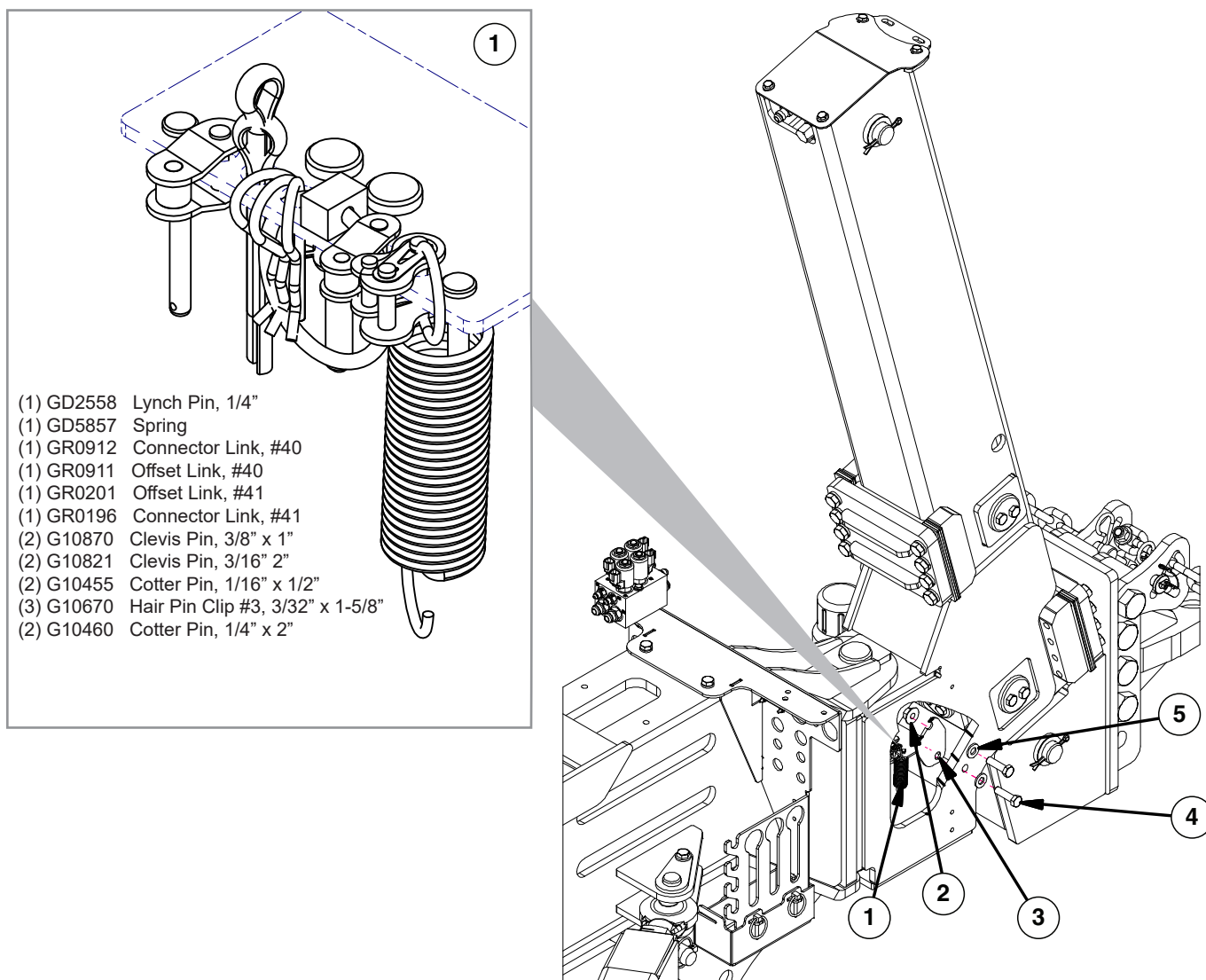
| ITEM | PART NO. | QTY.<br>(Per Row) | DESCRIPTION                                                                    |
|------|----------|-------------------|--------------------------------------------------------------------------------|
| 1    | GA15473  | 1                 | Step Motor, 3.5 AMP                                                            |
| 2    | GA24364  | 1                 | Flow Sensor                                                                    |
| 3    | GD22695  | 1                 | Bearing Sleeve, $\frac{3}{8}$ " O.D. x $\frac{1}{4}$ " I.D. x $\frac{1}{4}$ "  |
| 4    | GD22696  | 2                 | Flange Bearing, $\frac{1}{4}$ " O.D. x $\frac{3}{16}$ " I.D. x $\frac{3}{8}$ " |
| 5    | GD29492  | 1                 | Gear                                                                           |
| 6    | GD29491  | 1                 | Drive Shaft                                                                    |
| 7    | GB0577   | 1                 | Motor Cover                                                                    |
| 8    | ---      | -                 | ---                                                                            |
| 9    | GD28515  | 1                 | O-Ring                                                                         |
| 10   | G10260   | 2                 | Hex Socket Head Cap Screw, $\frac{1}{4}$ "-20 x $\frac{1}{2}$ "                |
| 11   | G11447   | 4                 | Hex Button Head Cap Screw, #10-24 x $\frac{5}{8}$ "                            |
| 12   | GB0579   | 1                 | Insecticide Impeller                                                           |
| 13   | G11445   | 4                 | Hex Locknut, #10-24                                                            |
| 14   | GA18195  | 1                 | Insecticide Housing                                                            |
| 15   | G10261   | 4                 | Hex Button Head Cap Screw, #10-32 x $\frac{3}{8}$ "                            |
| 16   | GA18814  | 1                 | Insecticide Mount                                                              |
| 17   | GD27021  | 1                 | Submount Plate                                                                 |
| 18   | GR1292   | 6                 | Hex Socket Button Head Cap Screw, No. 8-32 x $\frac{1}{2}$ "                   |
| 19   | G10531   | 4                 | Wing Nut W/Nylon Insert, $\frac{1}{4}$ "-20                                    |
| 20   | G11202   | 6                 | Lock Nut W/Nylon Insert, No. 8-32, Stainless Steel                             |
| 21   | G11687   | 1                 | Spring Slot Pin                                                                |
| 22   | GA20710  | 1                 | Granular Chemical Motor ESD Drain Harness                                      |

RUA051/

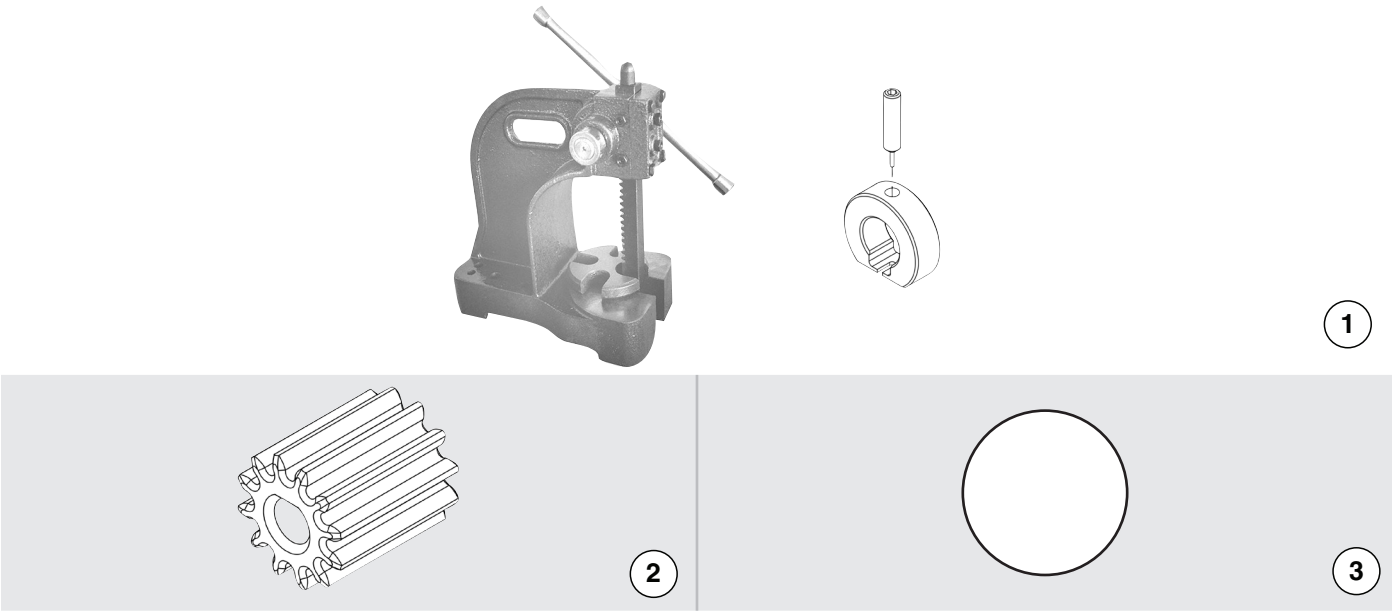


| ITEM | PART NO.  | QTY.<br>(Per Row) | DESCRIPTION                                                                           |
|------|-----------|-------------------|---------------------------------------------------------------------------------------|
| 1    | G10567    | 3                 | External Retaining Ring, 5/8"                                                         |
| 2    | GD11239   | 1                 | Knob                                                                                  |
| 3    | G10602    | 1                 | Spring Pin, 1/4" x 1 1/2"                                                             |
| 4    | ---       | -                 | <a href="#">See "Granular Chemical Hopper and Hopper Panel Extension" on page P31</a> |
| 5    | GA8364    | 1                 | Sprocket And Bearing, Drive Clutch, 24 Tooth                                          |
| 6    | GD11413   | 1                 | Spring                                                                                |
| 7    | GD11240   | 1                 | Shaft                                                                                 |
| 8    | GB0278    | 1                 | Coupler                                                                               |
| 9    | G10546    | 2                 | Spring Pin, 3/16" x 1 1/4"                                                            |
| 10   | GD11297   | 1                 | Shaft                                                                                 |
| 11   | G11793    | 4                 | Hex Socket Head Cap Screw, No. 10-24 x 7/8"                                           |
| 12   | GD7148    | 1                 | Feed Roller, Hex Bore                                                                 |
| 13   | GB0115    | 2                 | Bearing                                                                               |
| 14   | GD7258    | 2                 | Hex Bushing                                                                           |
| 15   | G3303-108 | 1                 | Chain, No. 41, 108 Pitch Including Connector Link (Vacuum)                            |
|      | GR0196    | 1                 | Connector Link, No. 41                                                                |
| 16   | G10660    | 1                 | Wave Washer, 1/2"                                                                     |
| 17   | G11385    | 1                 | Flat Washer, 1/4" SAE                                                                 |
| 18   | G10570    | 1                 | Slotted Hex Self-Tapping Screw, 1/4"-20 x 3/4"                                        |
| 19   | G11073    | 2                 | Slotted Hex Self-Tapping Screw, No. 10 x 3/8"                                         |
| 20   | GD1061    | 1                 | Support Strap                                                                         |
| 21   | GD1063    | 1                 | Metering Gate                                                                         |
| 22   | GB0116    | 1                 | Granular Housing                                                                      |
| A    | GA8326    | -                 | Granular Chemical Meter Complete (Items 1, 9, 10, 12-14, and 16-22)                   |
| B    | GA8366    | -                 | Granular Chemical Meter Clutch (Items 1-3 and 5-9)                                    |

(A26602)



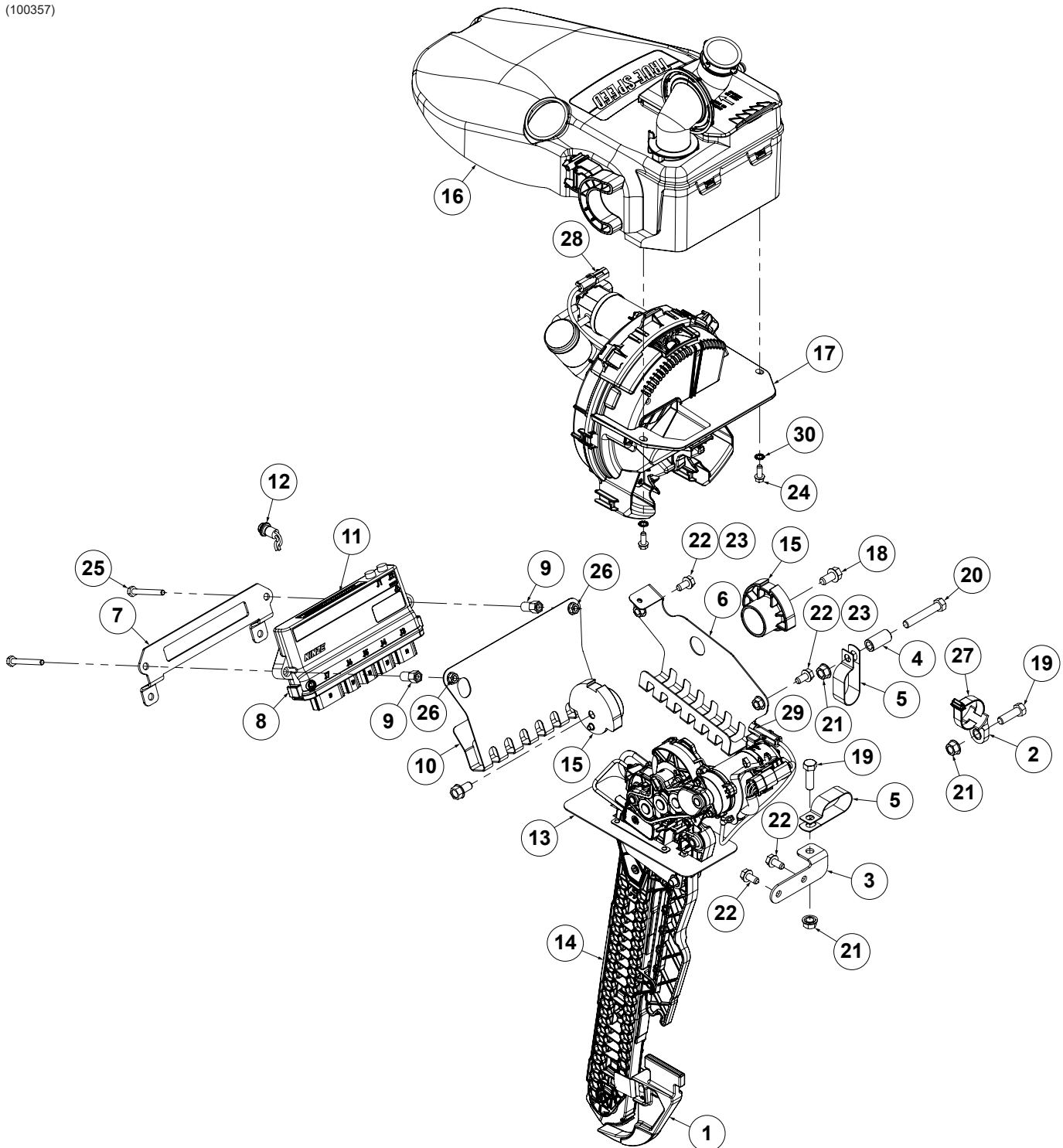
| ITEM | PART NO.  | QTY.<br>(Per Row) | DESCRIPTION                          |
|------|-----------|-------------------|--------------------------------------|
| 1    | GA26075   | 1                 | Spare Parts Kit                      |
| 2    | G10071    | 2                 | Serrated Flange Nut, 1/2"-13         |
| 3    | G10252801 | 1                 | Rack                                 |
| 4    | G10039    | 2                 | Hex Head Cap Screw, 1/2"-13 x 1 3/4" |
| 5    | G11389    | 2                 | Flat Washer, 1/2" Plated SAE         |



| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                                                                               |
|------|-----------|------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | G1K728    | -    | Seed Meter Stepper Motor Pinion Press Kit, Includes: (1) 1/2 Ton Arbor Press W/ Anvil, (1) Ring Puller W/Set Screw, (1) Instruction Sheet |
| 2    | GB1190    | -    | Pinion Motor Gear                                                                                                                         |
| 3    | G7100-614 | -    | Shaft Seal                                                                                                                                |

**This page left blank intentionally.**

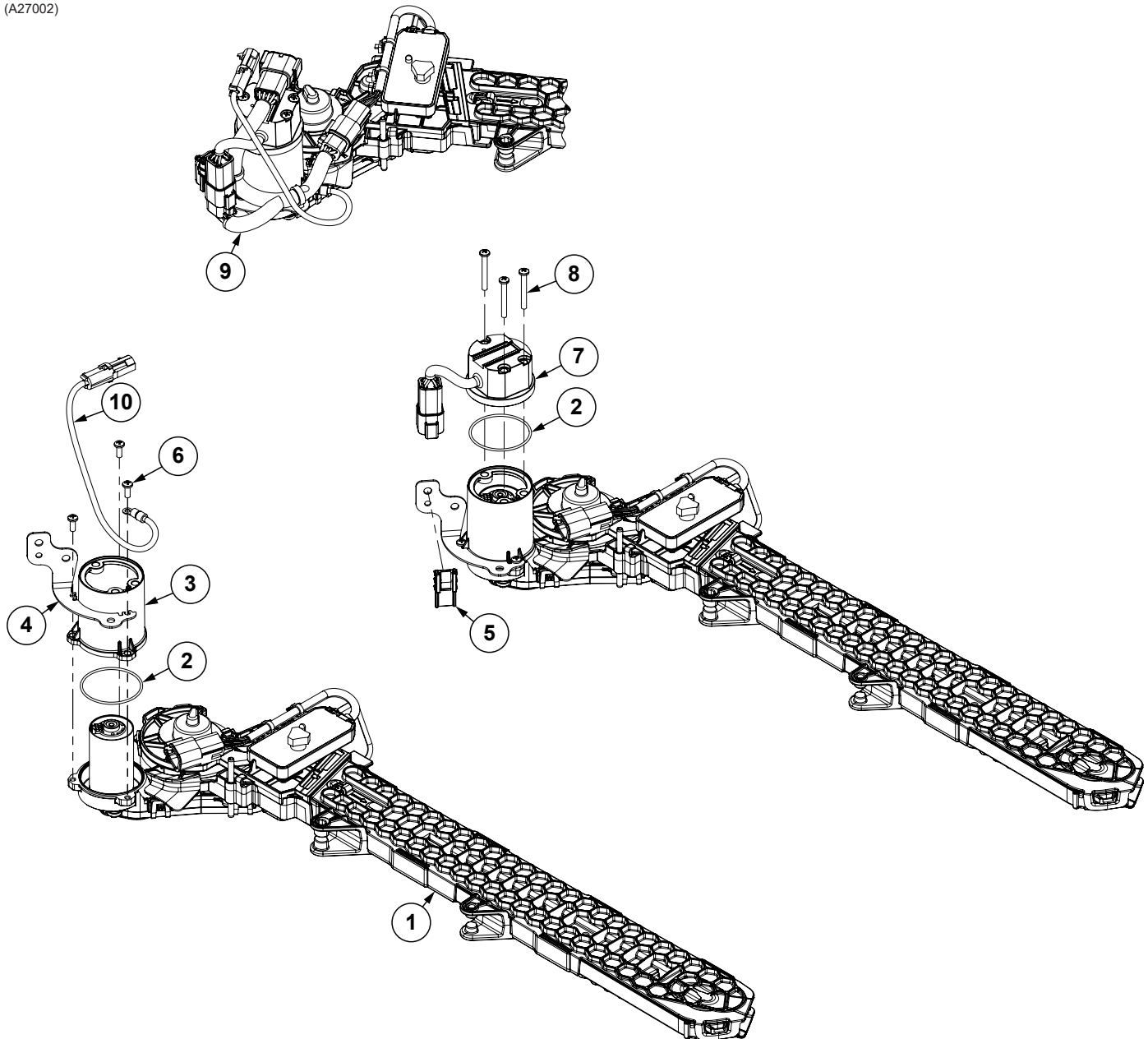
(100357)



| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                 |
|------|-----------|------|-----------------------------------------------------------------------------|
| 1    | G10418802 | 1    | Disc Opener Scraper                                                         |
| 2    | G10088301 | 1    | Cable Tie Mount, 3/8"                                                       |
| 3    | G10080901 | 1    | Wiring Hanger                                                               |
| 4    | GD2971-30 | 1    | Sleeve, 5/8" O.D. x .385 I.D. x 1 1/4"                                      |
| 5    | GD35449   | 2    | Double Tube Clamp, 1"                                                       |
| 6    | G10083401 | 1    | Wiring Hanger                                                               |
| 7    | G10084301 | 1    | IPN Bracket, 4K Row Unit                                                    |
| 8    | G10530701 | 1    | IPN Module Assembly (True Speed)                                            |
| 9    | GD35609   | 2    | Hex Standoff                                                                |
| 10   | G10085701 | 1    | IPN Wire Shield, 4K Row Unit                                                |
| 11   | G10371001 | 1    | Decal, IPN/IPR Connector                                                    |
| 12   | GA15485   | 1    | Button                                                                      |
| 13   | GA27008   | 1    | Seed Delivery Rail                                                          |
|      | GD36951   | -    | Seed Delivery Spring (Included W/GA27008)                                   |
|      | G11996    | -    | Slotted Spring Pin, 3/16" x 2 1/4"                                          |
| 14   | ---       | 1    | <a href="#">"See "True Speed Seed Delivery System W/Driver" on page P40</a> |
| 15   | GB1272    | 2    | Hopper Mount                                                                |
| 16   | ---       | 1    | <a href="#">"See "True Speed Mini-Hopper" on page P52</a>                   |
| 17   | ---       | 1    | <a href="#">"See "True Speed Seed Meter" on page P46</a>                    |
| 18   | G11123    | 2    | Hex Serrated Flange Cap Screw, 3/8"-16 x 3/4"                               |
| 19   | G10004    | 2    | Hex Head Cap Screw, 3/8"-16 x 1 1/4"                                        |
| 20   | G10939    | 1    | Hex Head Cap Screw, 3/8"-16 x 2 1/4"                                        |
| 21   | G10622    | 3    | Serrated Flange Nut, 3/8"-16                                                |
| 22   | G11560    | 4    | Hex Socket Flange Cap Screw, 5/16"-18 x 5/8", Grade 5                       |
| 23   | G10620    | 2    | Serrated Flange Nut, 5/16"-18                                               |
| 24   | G10960    | 2    | Hex Non-Serrated Flange Cap Screw, 1/4"-20 x 5/8", Grade 5                  |
| 25   | G10265601 | 2    | Hex Head Cap Screw, 1/4"-20 x 2 1/4", Grade 5                               |
| 26   | G10621    | 2    | Serrated Flange Nut, 1/4"-20                                                |
| 27   | G10176901 | 1    | Cable Tie, 1/2" x 12" (Black)                                               |
| 28   | G10213601 | 1    | True Speed ESD Ground Strap Harness                                         |
| 29   | G10213602 | 1    | True Speed ESD Ground Strap Harness                                         |
| 30   | G11249    | 2    | External Tooth Washer, 1/4"                                                 |



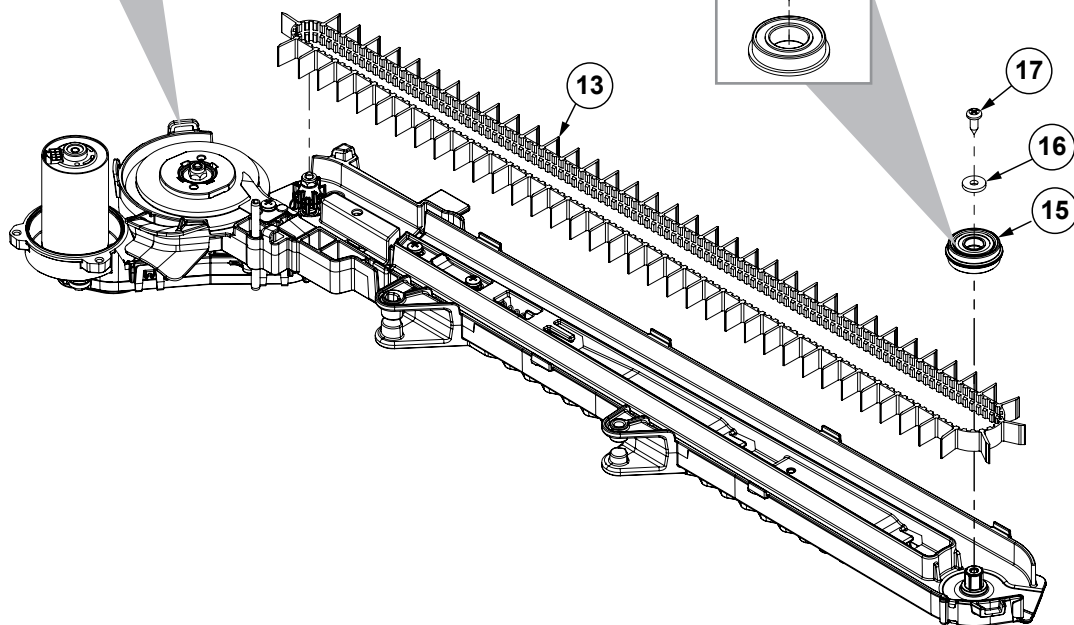
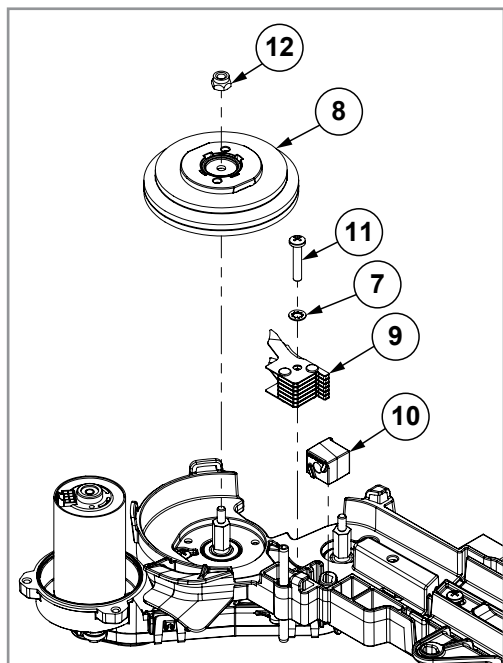
(A27002)



| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                |
|------|-----------|------|----------------------------------------------------------------------------|
| 1    | GA27001   | 1    | <a href="#">See "True Speed Seed Delivery System Assembly" on page P42</a> |
| 2    | GB1291    | 2    | O-Ring                                                                     |
| 3    | GB1289    | 1    | BLDC Cover Housing                                                         |
| 4    | GD36961   | 1    | Harness Routing Bracket                                                    |
| 5    | GD26293   |      | Attachment Clip                                                            |
| 6    | G11981    |      | Phillips Pan Head Machine Screw, #8-32 x 1/2"                              |
| 7    | G10429001 | 1    | Motor Driver Assembly                                                      |
| 8    | G11960    | 3    | Phillips Pan Head Machine Screw #8-32 x 1 1/2", Stainless Steel            |
| 9    | GA26980   | 1    | True Speed Seed Tube                                                       |
| 10   | G10213502 | 1    | True Speed ESD Ground Strap Harness                                        |

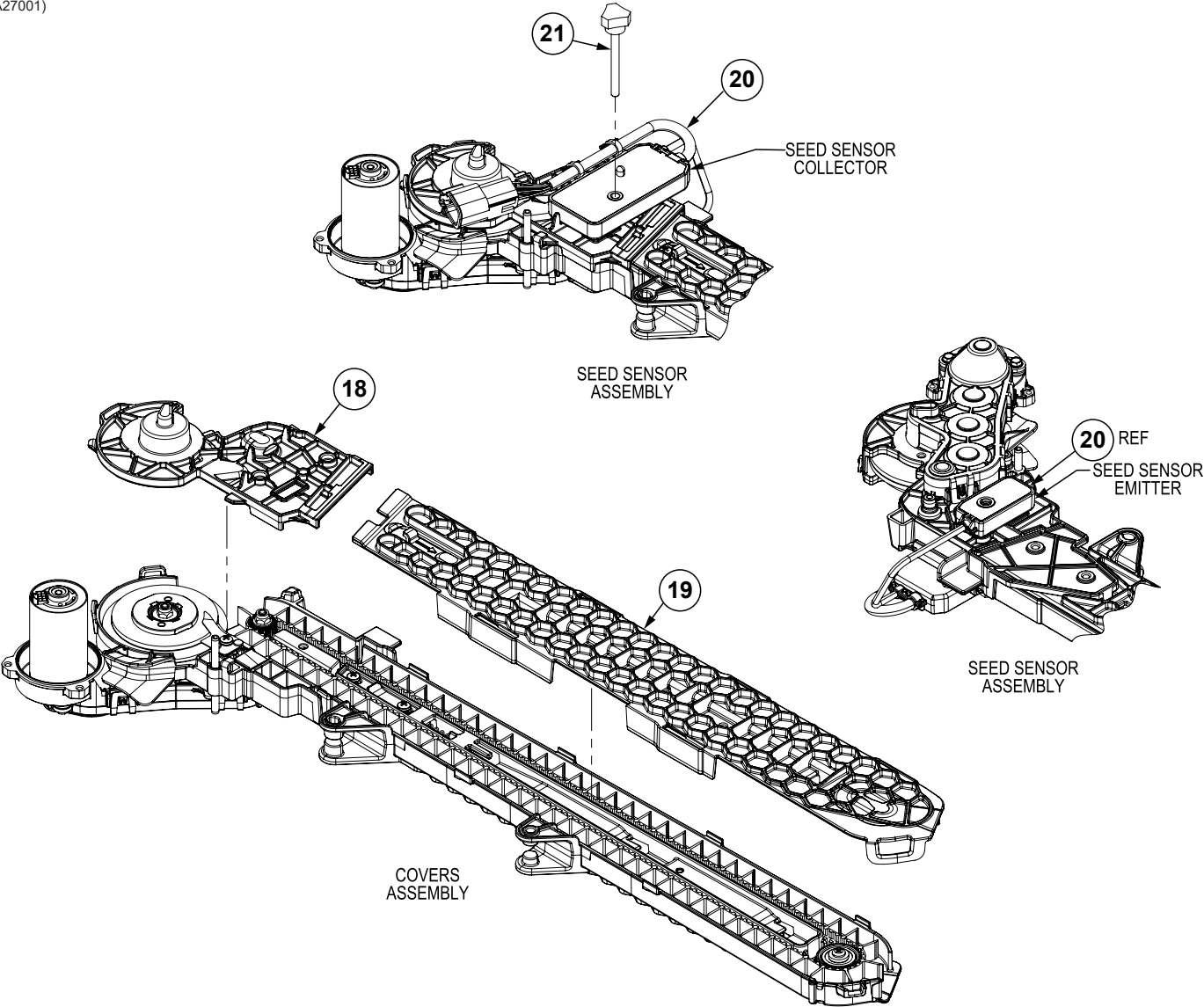
**This page left blank intentionally.**

(A27001)



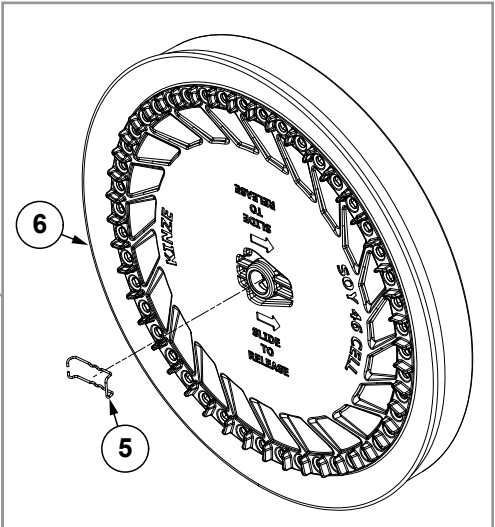
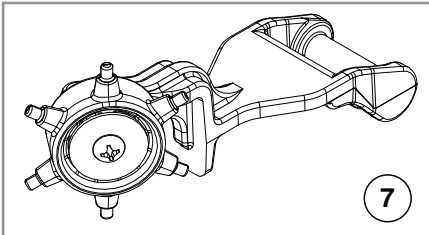
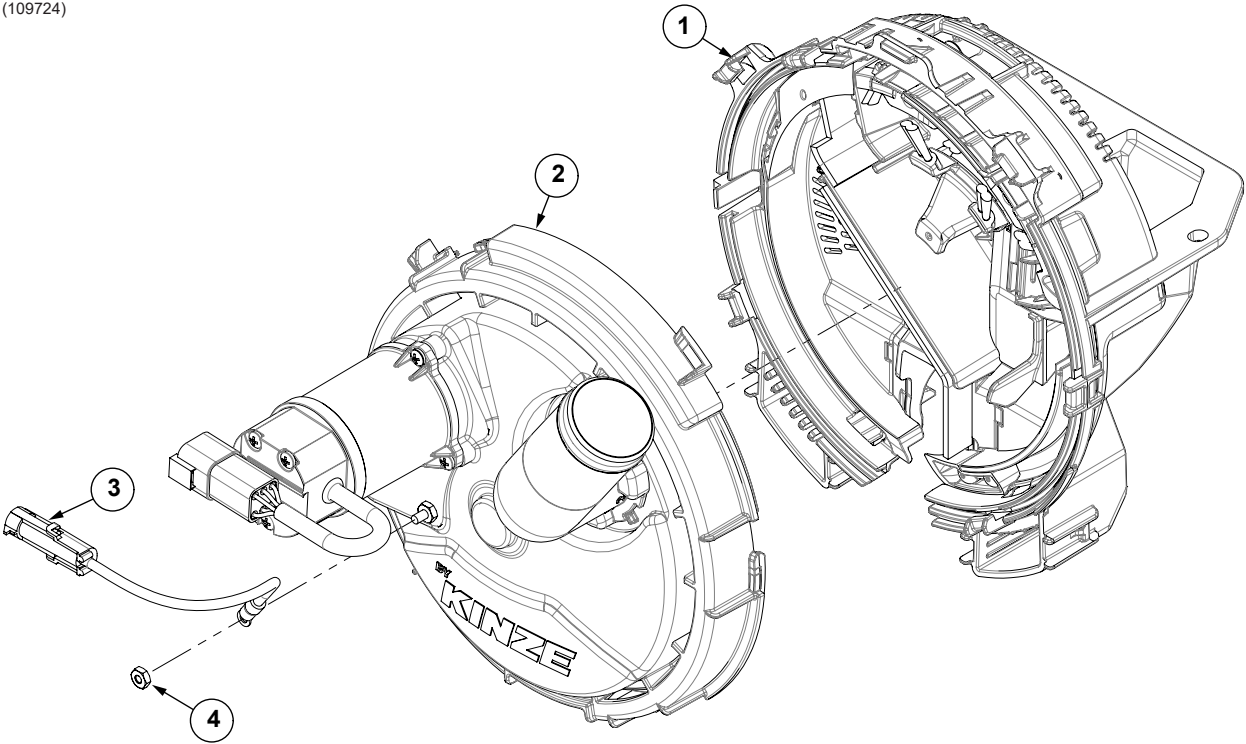


(A27001)



| ITEM | PART NO.  | QTY. | DESCRIPTION                                                       |
|------|-----------|------|-------------------------------------------------------------------|
| 1    | GA27133   | 1    | Seed Delivery Upper Housing Assembly                              |
|      | G10208201 | 1    | Seed Delivery Upper Housing (Included W/GA27133)                  |
|      | G11996    | 1    | Spring Slot Pin, 3/16" x 2-1/4" (Included W/GA27133)              |
| 2    | GA27084   | 1    | Seed Delivery Lower Housing Assembly                              |
|      | GB1250    | 1    | Seed Delivery Lower Housing (Included W/GA27084)                  |
| 3    | G10545501 | 1    | Seed Delivery Gearcase Assembly                                   |
| 4    | GD36938   | 1    | Belt Tensioner Spring                                             |
| 5    | G11981    | 3    | Phillips Pan Head Machine Screw, No. 8-32 x 1/2"                  |
| 6    | G11067    | 2    | Phillips Pan Head Machine Screw, No. 8-32 x 3/4", Stainless Steel |
| 7    | G11995    | 3    | Internal Tooth Washer, No. 8, Stainless Steel                     |
| 8    | GA27005   | 1    | Brush Wheel Assembly                                              |
| 9    | GA27004   | 1    | Stripper Wheel Comb Assembly                                      |
| 10   | GB1257    | 1    | Seed Relief Scrubber                                              |
| 11   | G10425701 | 1    | Phillips Pan Head Machine Screw, No. 8-32 x 7/8"                  |
| 12   | G11202    | 2    | Lock Nut W/Nylon Insert, No. 8-32, Stainless Steel                |
| 13   | GB1256    | 1    | Seed Delivery Belt                                                |
| 14   | G10366201 | 2    | Slotted Washer                                                    |
| 15   | GA27134   | 1    | Seed Delivery Idler Pulley Assembly                               |
|      | GB1255    | 1    | Seed Deliver Idler Pulley (Included W/GA27134)                    |
| 16   | G10425501 | 1    | Washer                                                            |
| 17   | G10425401 | 1    | Phillips Pan Head Tapping Screw, No. 8-18 x 1/2"                  |
| 18   | G10208301 | 1    | Seed Delivery Upper Cover                                         |
| 19   | GB1251    | 1    | Seed Delivery Lower Cover                                         |
| 20   | GA27003   | 1    | Seed Sensor Assembly                                              |
| 21   | G10230701 | 1    | Hex Socket Head Cap Screw, No. 10-24                              |
|      | G10060301 | 1    | Knob, No. 10                                                      |
| A    | GA27001   | 1    | Seed Delivery System Assembly, Items 1-21                         |

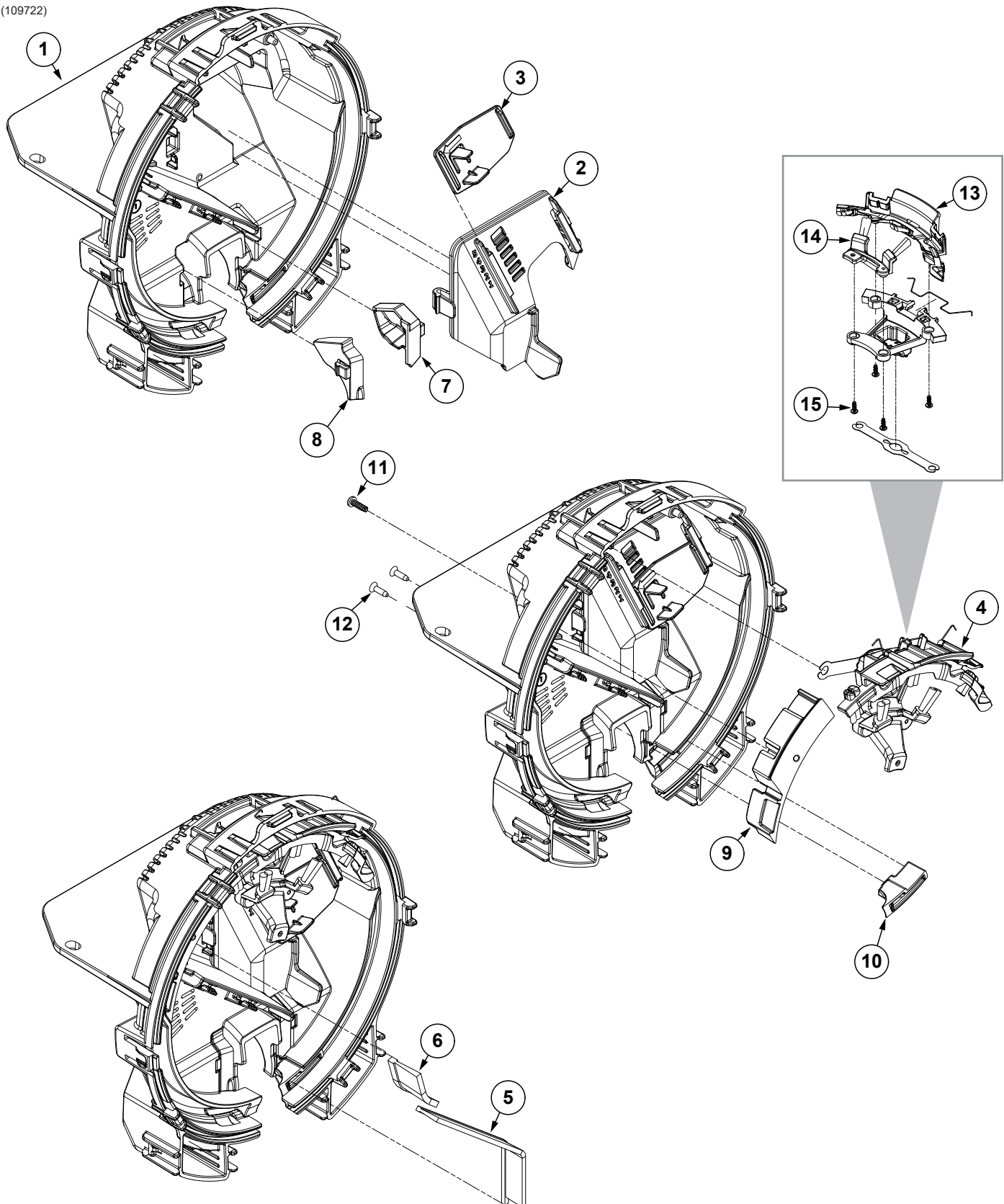
(109724)



| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                       |
|------|-----------|------|-----------------------------------------------------------------------------------|
| 1    | ---       | 1    | <a href="#">See "True Speed Meter Housing" on page P48</a>                        |
| 2    | ---       | 1    | <a href="#">See "True Speed Meter Cover" on page P50</a>                          |
| 3    | G10213501 | 1    | Only applicable W/True Speed Meter W/Driver                                       |
| 4    | G10928    | 1    | Only applicable W/True Speed Meter W/Driver                                       |
| 5    | G10318701 | 1    | Seed Disc Retention Clip (Included W/Item 6)                                      |
| 6    | G10892X   | -    | Seed Disc, Corn, 32 Cell (Light Blue Color-Coded) and Ejector Assembly            |
|      | G10893X   | -    | Seed Disc, Soybean, 92 Cell (Black Color-Coded) and Ejector Assembly              |
|      | G10894X   | -    | Seed Disc, Soybean, 46 Cell (Black Color-Coded) and Ejector Assembly              |
|      | G11124X   | -    | Seed Disc, Sunflower, 23 Cell (Yellow Color-Coded) and Ejector Assembly           |
|      | G10860X   | -    | Seed Disc, Sugarbeets/Milo, 46 Cell (Orange Color-Coded) and Ejector Assembly     |
|      | G11340X   | -    | Seed Disc, Rapeseed/Canola, 104 Cell (Dark Gray Color-Coded) and Ejector Assembly |
|      | G11551X   | -    | Seed Disc, Wheat/Barley, 210 Cell (Red Color-Coded) and Ejector Assembly          |
| 7    | G10177501 | -    | Ejector Assembly, 32 Cell Corn (Included W/G10892X)                               |
|      | G10177601 | -    | Ejector Assembly, 92 Cell Soybean (Included W/G10893X)                            |
|      | G10177701 | -    | Ejector Assembly, 46 Cell Soybean (Included W/G10894X)                            |
|      | G10618501 | -    | Ejector Assembly, 23 Cell Sunflower (Included W/G11124X)                          |
|      | GA27023   | -    | Ejector Assembly, 46 Cell Sugarbeets/Milo (Included W/G10860X)                    |
|      | G10923601 | -    | Ejector Assembly, 104 Cell Rapeseed/Canola (Included W/G10860X)                   |
|      | G11051001 | -    | Ejector Assembly, 210 Cell Wheat/Barley (Included W/G11551X)                      |
| A    | GA27010   | 1    | True Speed Meter W/Driver Assembly, Items 1-4                                     |



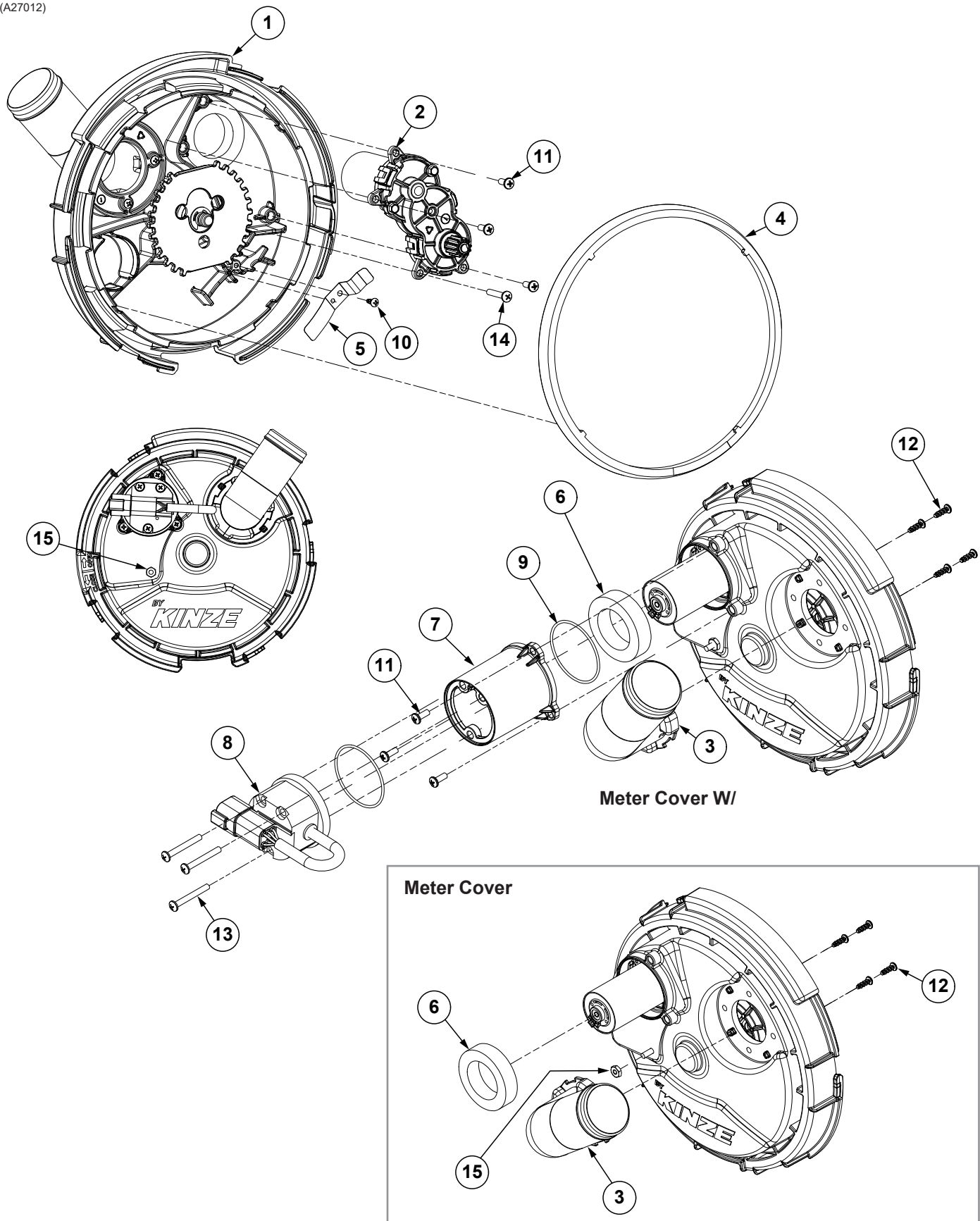
(109722)



---

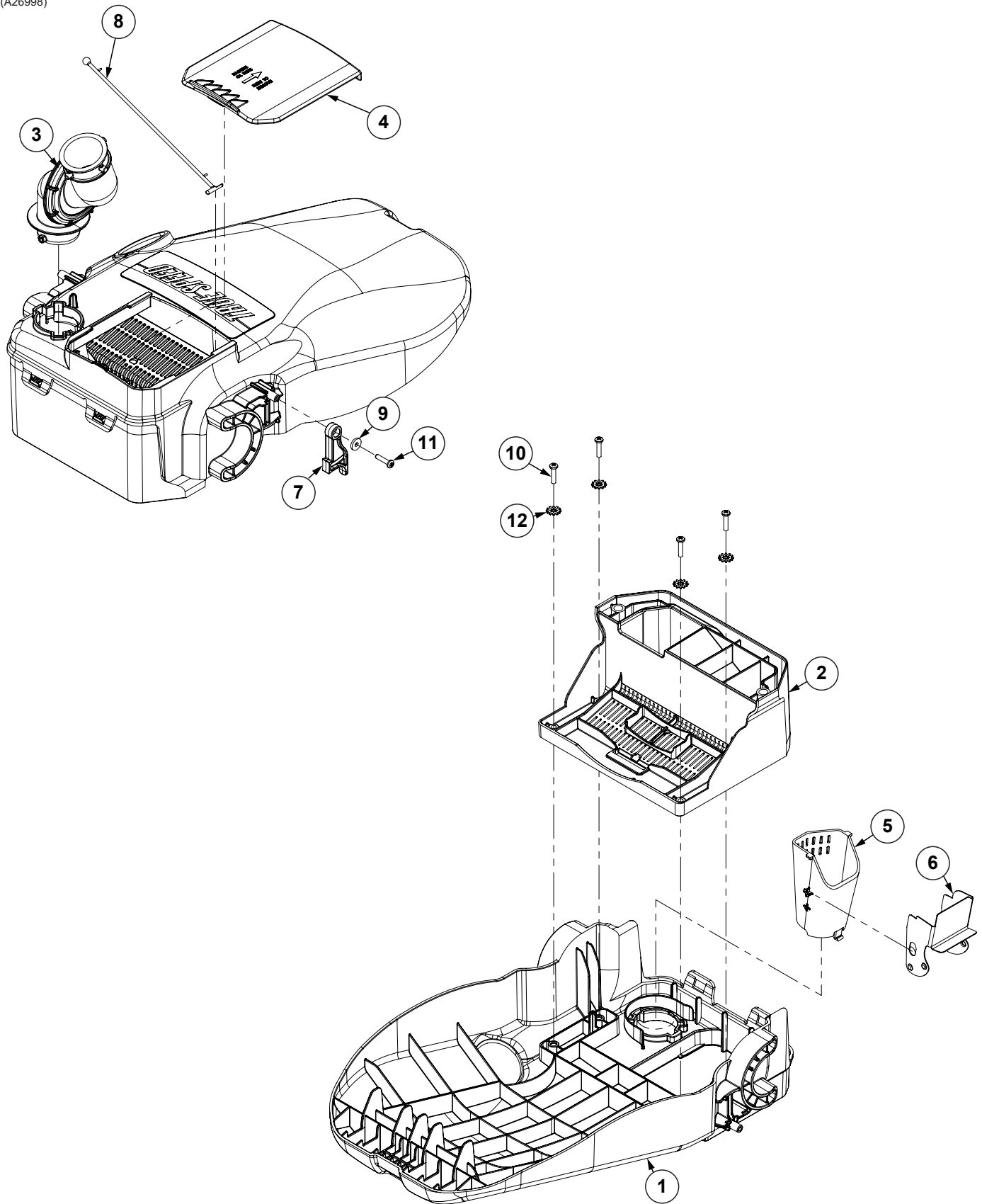
| ITEM | PART NO.  | QTY. | DESCRIPTION                                    |
|------|-----------|------|------------------------------------------------|
| 1    | G10208401 | 1    | Meter Housing                                  |
| 2    | GB1275    | 1    | Meter Baffle                                   |
| 3    | GB1276    | 1    | Door Baffle                                    |
| 4    | GA27013   | 1    | Singulator Assembly (Includes Items 13-14)     |
| 5    | GD36954   | 1    | Meter Wall Brush, Small                        |
| 6    | G10459801 | 1    | Meter Wall Brush, Large                        |
| 7    | GB1307    | 1    | Meter Housing Plug                             |
| 8    | GB1306    | 1    | Meter Housing Plug                             |
| 9    | G10153101 | 1    | Upper Seed Relief Insert                       |
| 10   | G10949902 | 1    | Lower Seed Relief Insert                       |
| 11   | G11556    | 1    | Phillips Pan Head Tapping Screw, 6-19 x ½"     |
| 12   | G10181201 | 3    | Phillips Pan Head Tapping Screw, No. 6-19 x ½" |
| 13   | GA27015   | 1    | Outer Singulator Brush (Included W/Item 4)     |
| 14   | GA27014   | 1    | Inner Singulator Brush (Included W/Item 4)     |
| 15   | G11619    | 4    | Phillips Pan Head Tapping Screw, No. 6-19 x ⅜" |

(A27012)



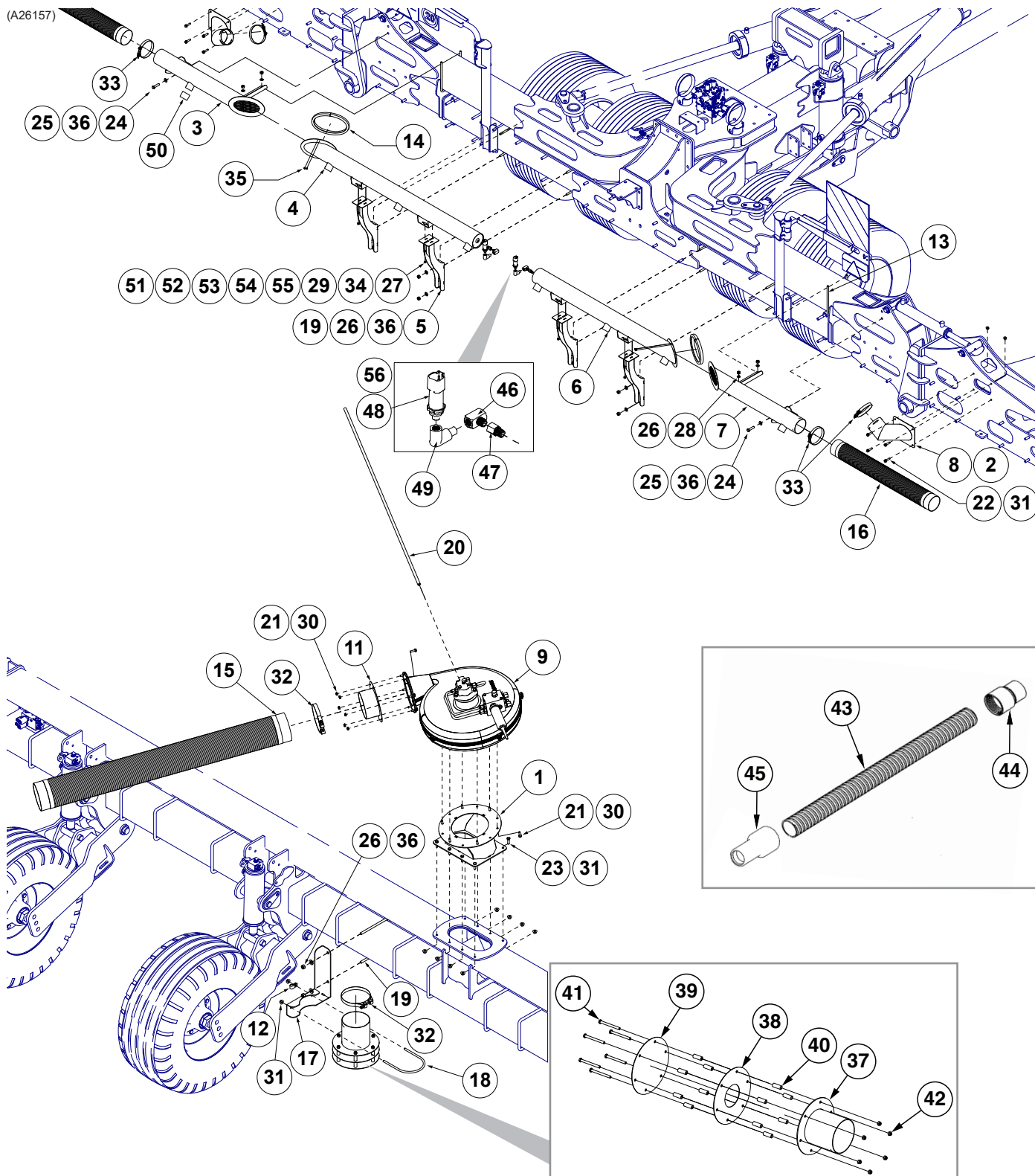
| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                 |
|------|-----------|------|-----------------------------------------------------------------------------|
| 1    | G10320401 | 1    | Meter Cover W/Bearing Assembly                                              |
| 2    | G10545601 | 1    | Meter Gearcase Assembly                                                     |
|      | GA27007   | -    | BLDC Motor (Included W/G10545601)                                           |
|      | GB1288    | -    | Meter Pinion Gear (Included W/G10545601)                                    |
|      | G11994    | -    | External Side Mount Retaining Ring (Included W/G10545601)                   |
|      | G10263501 | -    | Hex Serrated Flange Machine Screw, No. 6-32, Grade 2 (Included W/G10545601) |
| 3    | GB1281    | 1    | Vacuum Elbow                                                                |
| 4    | GB1282    | 1    | Meter Seal                                                                  |
| 5    | GD36959   | 1    | Ejector Arm Retention Spring                                                |
| 6    | G10108302 | 1    | Motor Foam Seal                                                             |
| 7    | GB1289    | 1    | BLDC Cover Housing                                                          |
| 8    | G10429001 | 1    | Motor Driver Assembly                                                       |
| 9    | GB1291    | 2    | O-Ring                                                                      |
| 10   | G11619    | 1    | Phillips Pan Head Tapping Screw, No. 6-19 x 3/8"                            |
| 11   | G10724301 | 6    | Phillips Pan Head Machine Screw, No. 8-32 x 7/16"                           |
| 12   | G11578    | 4    | Phillips Pan Head Tapping Screw, No. 8-18 x 1/2"                            |
| 13   | G11960    | 3    | Phillips Pan Head Machine Screw #8 - 32 x 1 1/2", Stainless Steel           |
| 14   | G11201    | 1    | Phillips Pan Head Machine Screw, No. 8-32 x 1", Stainless Steel             |
| 15   | G10928    | 1    | Hex Nut, No. 8-32, Stainless Steel                                          |

(A26998)



---

| ITEM | PART NO.  | QTY. | DESCRIPTION                                                     |
|------|-----------|------|-----------------------------------------------------------------|
| 1    | G10686801 | 1    | Mini-Hopper Cover                                               |
| 2    | GB1240    | 1    | Mini-Hopper                                                     |
| 3    | GA26999   | 1    | Bulk Fill Swivel Inlet                                          |
| 4    | GB1242    | 1    | Mini-Hopper Lid                                                 |
| 5    | G10506301 | 1    | ASD Diffuser                                                    |
| 6    | G10199801 | 1    | Diffuser Door                                                   |
| 7    | GB1246    | 1    | Hopper Latch                                                    |
| 8    | GB1247    | 1    | Tether                                                          |
| 9    | G11983    | 1    | Flat Washer, No. 8                                              |
| 10   | G11067    | 4    | Phillips Pan Head Machine Screw, No. 8-32 x ¾", Stainless Steel |
| 11   | G11770    | 1    | Phillips Pan Head Tapping Screw,                                |
| 12   | G10931    | 4    | Lock Washer, No. 8, Internal/External, Stainless Steel          |



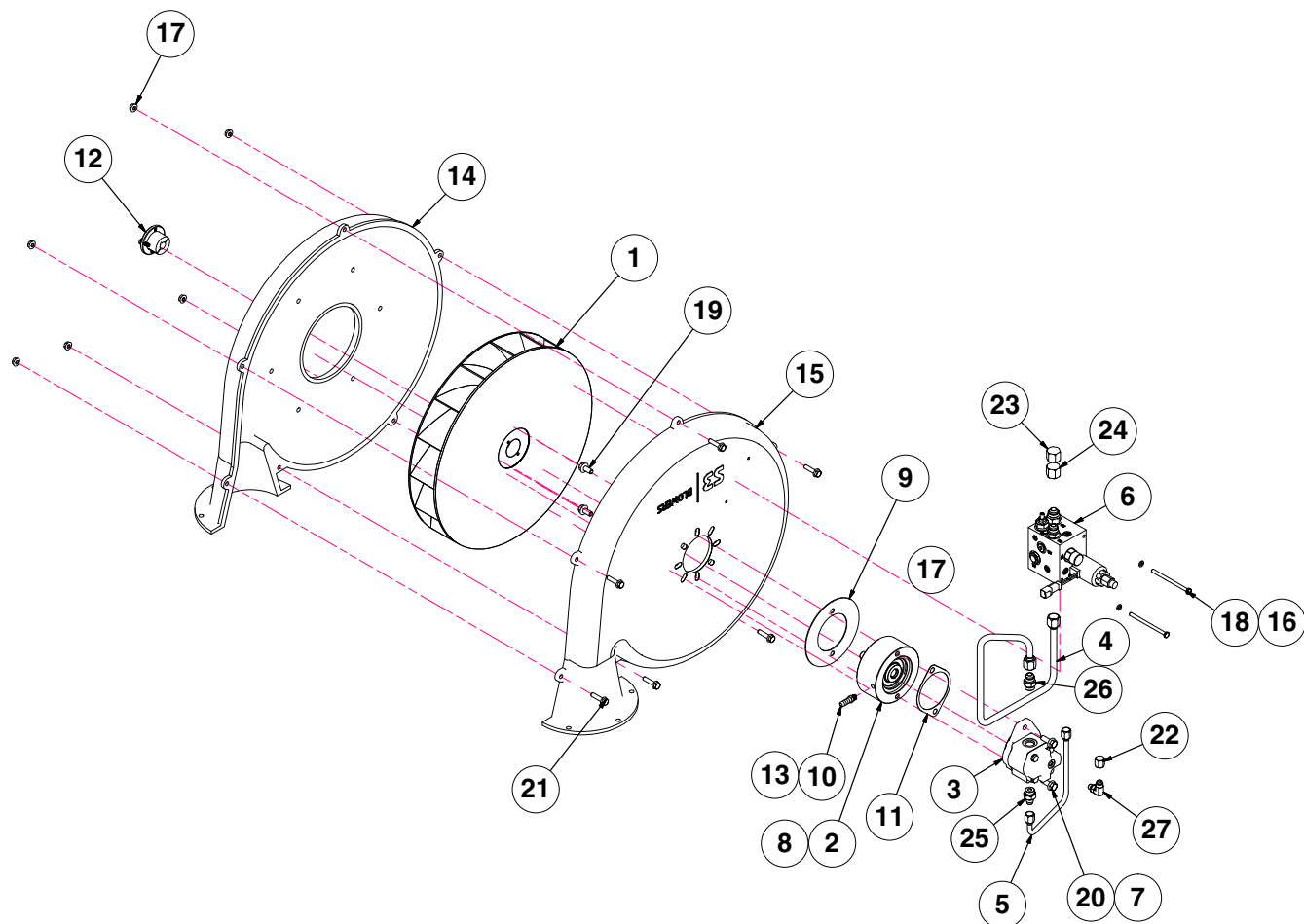
| ITEM | PART NO. | QTY. | DESCRIPTION                 |
|------|----------|------|-----------------------------|
| 1    | GA25142  | 2    | Vacuum Fan Adapter          |
| 2    | GA25143  | 1    | Vacuum Nipple, L.H.         |
| 3    | GA25144  | 1    | Stub Wing Manifold, L.H.    |
| 4    | GA25145  | 1    | Center Frame Manifold, L.H. |
| 5    | GA25146  | 4    | Center Frame Manifold Mount |



| ITEM | PART NO.      | QTY. | DESCRIPTION                                                                                         |
|------|---------------|------|-----------------------------------------------------------------------------------------------------|
| 6    | GA25147       | 1    | Center Frame Manifold, R.H.                                                                         |
| 7    | GA25148       | 1    | Stub Wing Manifold, R.H.                                                                            |
| 8    | GA25149       | 1    | Vacuum Nipple, R.H.                                                                                 |
| 9    | ---           | 2    | <a href="#">See "Vacuum Fan Assembly" on page P56</a>                                               |
| 11   | GA25441       | 2    | Flex Tube Mount                                                                                     |
| 12   | GD13348       | 2    | Insulated Clamp, 1 <sup>1</sup> / <sub>16</sub> "                                                   |
| 13   | GD35439       | 2    | U-Bolt, 7" x 9" x 1 <sup>1</sup> / <sub>2</sub> "-13                                                |
| 14   | GD35438-28.23 | 2    | Soft Rubber Sealing                                                                                 |
| 15   | GD19658-02    | 2    | Black Hose, 6" I.D. x 56"                                                                           |
| 16   | GD19659-01    | 2    | Black Hose, 4 <sup>1</sup> / <sub>2</sub> " I.D. x 39"                                              |
| 17   | GD35436       | 2    | Diffuser Bracket                                                                                    |
| 18   | GD35437       | 2    | U-Bolt, 6" x 3 <sup>3</sup> / <sub>8</sub> "-16                                                     |
| 19   | GD7145        | 6    | U-Bolt, 7" x 7" x 1 <sup>1</sup> / <sub>2</sub> "-13                                                |
| 20   | GD6279-05     | 2    | Tubing, 3 <sup>5</sup> / <sub>8</sub> " x 60"                                                       |
|      | G10673        | 2    | Hose Clamp, No. 8                                                                                   |
| 21   | G11480        | 24   | Hex Socket Flange Cap Screw, 5 <sup>1</sup> / <sub>16</sub> "-18 x 1"                               |
| 22   | G11408        | 8    | Hex Serrated Flange Cap Screw, 3 <sup>5</sup> / <sub>8</sub> "-16 x 1 <sup>1</sup> / <sub>2</sub> " |
| 23   | G10004        | 16   | Hex Head Cap Screw, 3 <sup>5</sup> / <sub>8</sub> "-16 x 1 <sup>1</sup> / <sub>4</sub> "            |
| 24   | G10016        | 2    | Hex Head Cap Screw, 1 <sup>1</sup> / <sub>2</sub> "-13 x 2"                                         |
| 25   | G10071        | 2    | Serrated Flange Nut, 1 <sup>1</sup> / <sub>2</sub> "-13                                             |
| 26   | G10102        | 16   | Hex Nut, 1 <sup>1</sup> / <sub>2</sub> "-13                                                         |
| 27   | G10106        | 8    | Hex Nut, 5 <sup>1</sup> / <sub>16</sub> "-18                                                        |
| 28   | G10228        | 4    | Lock Washer, 1 <sup>1</sup> / <sub>2</sub> "                                                        |
| 29   | G10303        | 8    | Carriage Bolt, 5 <sup>1</sup> / <sub>16</sub> "-18 x 1"                                             |
| 30   | G10620        | 24   | Serrated Flange Nut, 5 <sup>1</sup> / <sub>16</sub> "-18                                            |
| 31   | G11091        | 28   | Serrated Flange Nut, 3 <sup>5</sup> / <sub>8</sub> "-16                                             |
| 32   | G11142        | 4    | T-Bolt Clamp, 6 <sup>1</sup> / <sub>4</sub> "                                                       |
| 33   | G11360        | 4    | T-Bolt Hose Clamp, 4 <sup>1</sup> / <sub>2</sub> "                                                  |
| 34   | G11386        | 8    | Flat Washer, 5 <sup>1</sup> / <sub>16</sub> " SAE                                                   |
| 35   | G11924        | 4    | Hex Head Non Serrated Flange Self-Drilling Screw, No. #6-20 x 3 <sup>5</sup> / <sub>8</sub> "       |
| 36   | G11389        | 14   | Flat Washer, 1 <sup>1</sup> / <sub>2</sub> " Plated SAE                                             |
| 37   | GA25427       | 1    | Diffuser                                                                                            |
| 38   | GD35434       | 1    | Diffuser Ring                                                                                       |
| 39   | GD35435       | 1    | Diffuser Cap                                                                                        |
| 40   | GD2971-26     | 12   | Sleeve, 3 <sup>5</sup> / <sub>8</sub> " I.D x 5 <sup>1</sup> / <sub>8</sub> " O.D. x 1.63" Long     |
| 41   | G10063        | 6    | Hex Head Cap Screw, 3 <sup>5</sup> / <sub>8</sub> "-16 x 4"                                         |
| 42   | G10108        | 6    | Lock Nut, 3 <sup>5</sup> / <sub>8</sub> "-16                                                        |
| 43   | GD36495-37    | 24   | Hose, 1-1/2" x 37"                                                                                  |
|      | GD36495-30    | 24   | Hose, 1-1/2" x 30" ( <b>True Speed</b> )                                                            |
| 44   | GD31424       | 24   | Coupler, 2"                                                                                         |
| 45   | GB1216        | 24   | Screw Cuff, 1.5"                                                                                    |
|      | GB1249        | 24   | Vacuum Hose End, 1.5" ( <b>True Speed</b> )                                                         |
| 46   | GD28372       | 2    | 1/8" NPT Tee, Brass (Female/Male/Female)                                                            |
| 47   | GD35903       | 2    | Adapter Male 1/8 NPT                                                                                |
| 48   | G10349601     | 2    | Air Pressure/Vacuum Sensor                                                                          |
| 49   | G10023601     | 2    | 1/8" x 1/8" NPT 90° Elbow                                                                           |
| 50   | G11147        | 24   | Cap, 2"                                                                                             |
| 51   | G10296101     | 2    | Hose Support                                                                                        |
| 52   | G10425001     | 4    | Angle                                                                                               |
| 53   | G10001        | 4    | Hex Head Cap Screw, 3/8"-16 x 1"                                                                    |
| 54   | G10108        | 4    | Lock Nut, 3/8"-16                                                                                   |
| 55   | G11387        | 8    | Hardened Washer, 3 <sup>5</sup> / <sub>8</sub> " SAE                                                |
| 56   | G11009201     | 2    | Air Pressure Adapter Cable                                                                          |

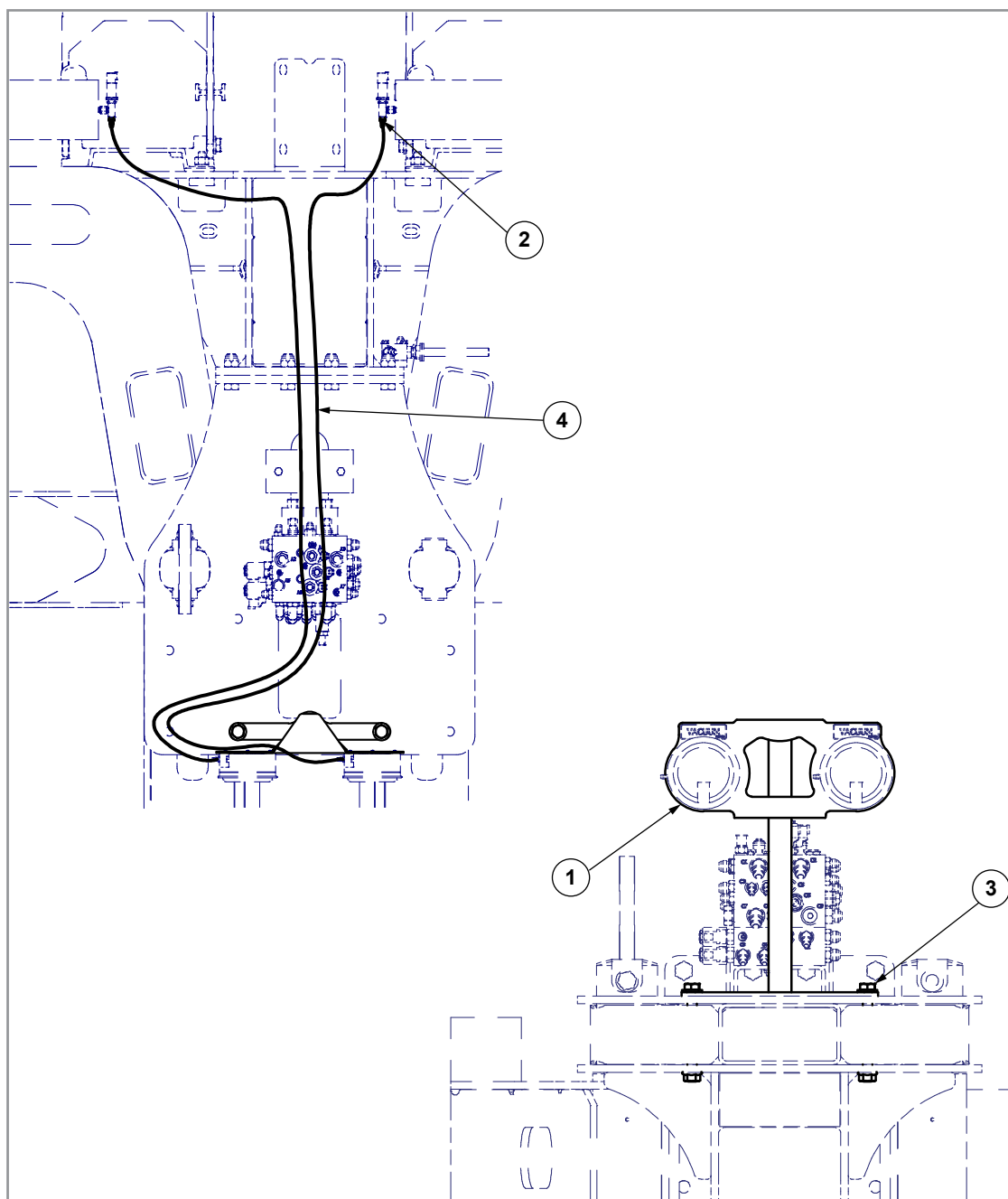


(A26162)



| ITEM | PART NO.              | QTY.   | DESCRIPTION                                                                                                                                                                              |
|------|-----------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | GA21510               | 1      | Impellor                                                                                                                                                                                 |
| 2    | GA25388<br>GD20928    | 1<br>- | Overhung Load Adapter<br>Bearing (Included W/GA25388)                                                                                                                                    |
| 3    | GA25397<br>GR1734     | 1<br>- | Vacuum Fan Motor<br>Motor Repair/Seal Kit                                                                                                                                                |
| 4    | GA25981               | 1      | Steel Hydraulic Line, 3/8"                                                                                                                                                               |
| 5    | GA25980               | 1      | Steel Hydraulic Line, 1/2"                                                                                                                                                               |
| 6    | ---                   | 1      | <a href="#">See "Hydraulic Valve Block on Vacuum Motor (Blue Drive)" on page P220</a><br><a href="#">See "Hydraulic Valve Block on Vacuum Motor (Ground Contact Drive)" on page P221</a> |
| 7    | *D20984               | -      | Loctite 243                                                                                                                                                                              |
| 8    | GD21300               | 1      | Key                                                                                                                                                                                      |
| 9    | GD25644               | 1      | Cover Plate                                                                                                                                                                              |
| 10   | *D27215               | -      | Silicone Sealer DOW 732, Clear                                                                                                                                                           |
| 11   | GD30882               | 1      | 2-Bolt Mount Gasket                                                                                                                                                                      |
| 12   | GD34103               | 1      | Bushing                                                                                                                                                                                  |
| 13   | GD35294               | 1      | Hose Barb, 1/8"-27 NPTF x 3/8"                                                                                                                                                           |
| 14   | GD35447               | 1      | Inlet Housing                                                                                                                                                                            |
| 15   | GD35448               | 1      | Drive Housing                                                                                                                                                                            |
| 16   | G10227                | 2      | Lock Washer, 1/4"                                                                                                                                                                        |
| 17   | G10620                | 6      | Serrated Flange Nut, 5/16"-18                                                                                                                                                            |
| 18   | G10943                | 2      | Hex Head Cap Screw, 1/4"-20 x 4"                                                                                                                                                         |
| 19   | G11123                | 2      | Hex Serrated Flange Cap Screw, 3/8"-16 x 3/4"                                                                                                                                            |
| 20   | G11124                | 2      | Hex Serrated Flange Cap Screw, 3/8"-16 x 1"                                                                                                                                              |
| 21   | G11921                | 6      | Hex Serrated Flange Cap Screw, 5/16"-18 x 1 1/4", Grade 5                                                                                                                                |
| 22   | G304-C-06             | 1      | Cap Nut, 9/16"-18                                                                                                                                                                        |
| 23   | G304-C-10             | 1      | Cap Nut, 7/8"-14                                                                                                                                                                         |
| 24   | G304-C-8              | 1      | Cap Nut, 3/4"-16                                                                                                                                                                         |
| 25   | G6400-06-08<br>GR1037 | 1<br>- | Connector W/O-Ring, 9/16"-18 Male JIC To 3/4"-16 O-Ring<br>O-Ring                                                                                                                        |
| 26   | G6400-08<br>GR1037    | 1<br>- | Connector W/O-Ring, 3/4"-16 Male JIC To O-Ring<br>O-Ring                                                                                                                                 |
| 27   | G6801-06-04           | 1      | Elbow, 90°, 9/16"-18 x 7/16"-20 W/O-Ring                                                                                                                                                 |

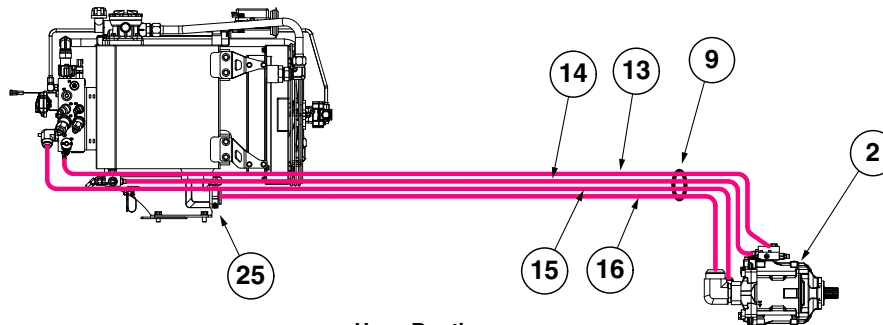
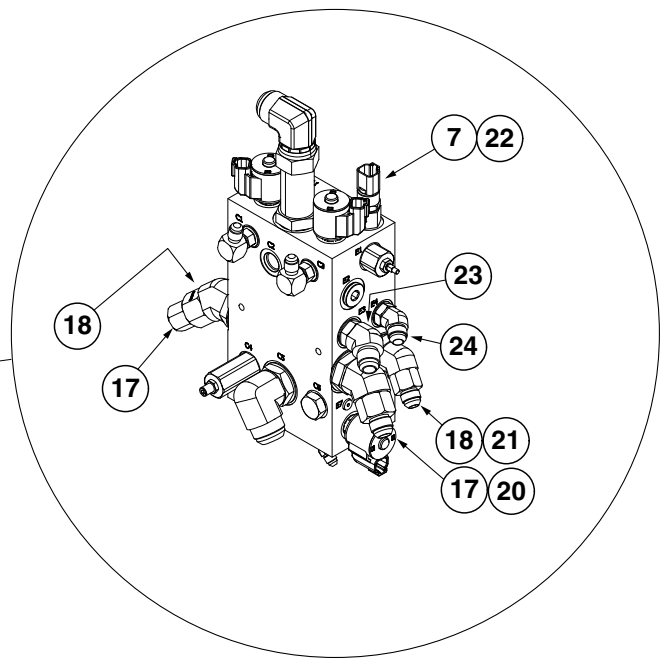
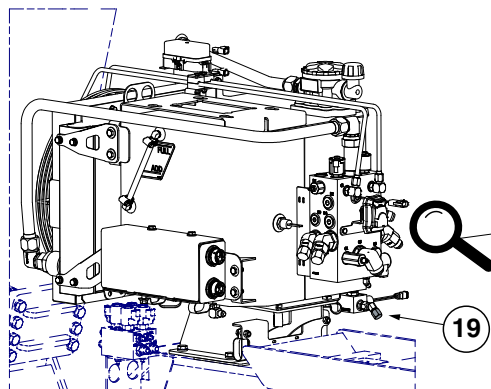
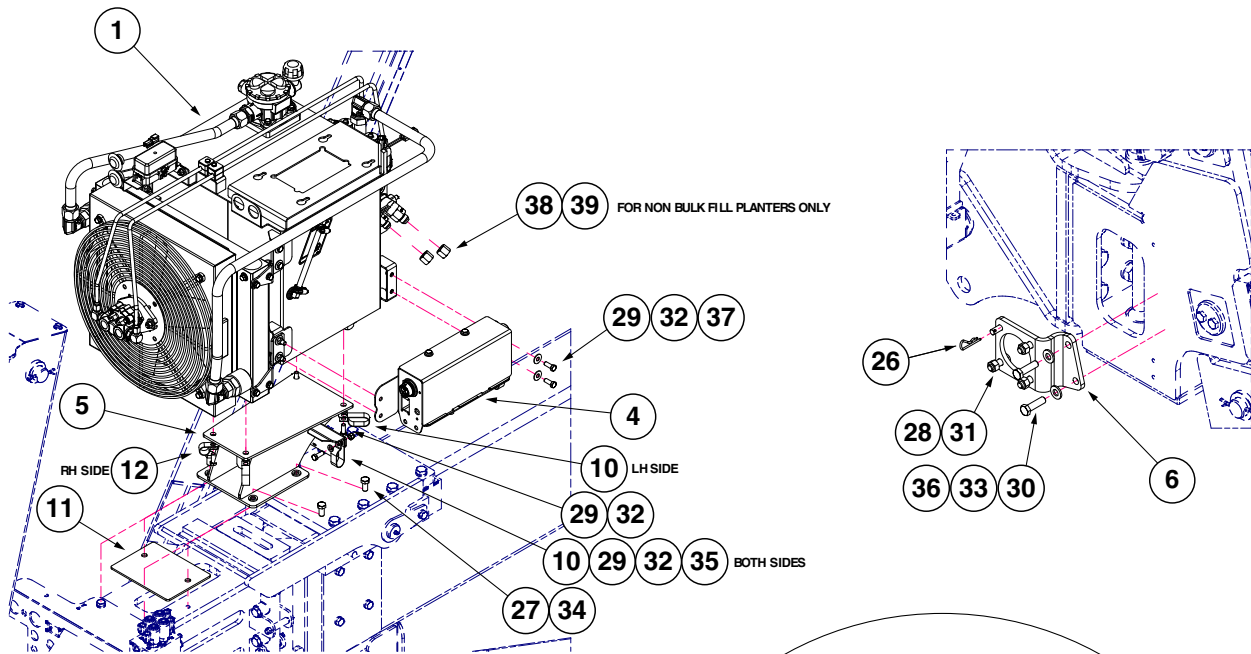
**This page left blank intentionally.**



| ITEM | PART NO.    | QTY. | DESCRIPTION                             |
|------|-------------|------|-----------------------------------------|
| 1    | GA26144     | 1    | Gauge Mount                             |
| 2    | GR1777      | 2    | Hose Barb, 1/8" Male NPT To 3/16" Barb  |
| 3    | G10068      | 2    | Hex Head Cap Screw, 5/8"-11 x 6"        |
|      | G11415      | 2    | Serrated Flange Nut, 5/8"-11            |
|      | G11391      | 2    | Flat Washer, 5/8" SAE                   |
| 4    | *GD15849-02 | 1    | Clear Plastic Tubing, 5/16" O.D. x 120" |

\*- Cut to required length

(103417)

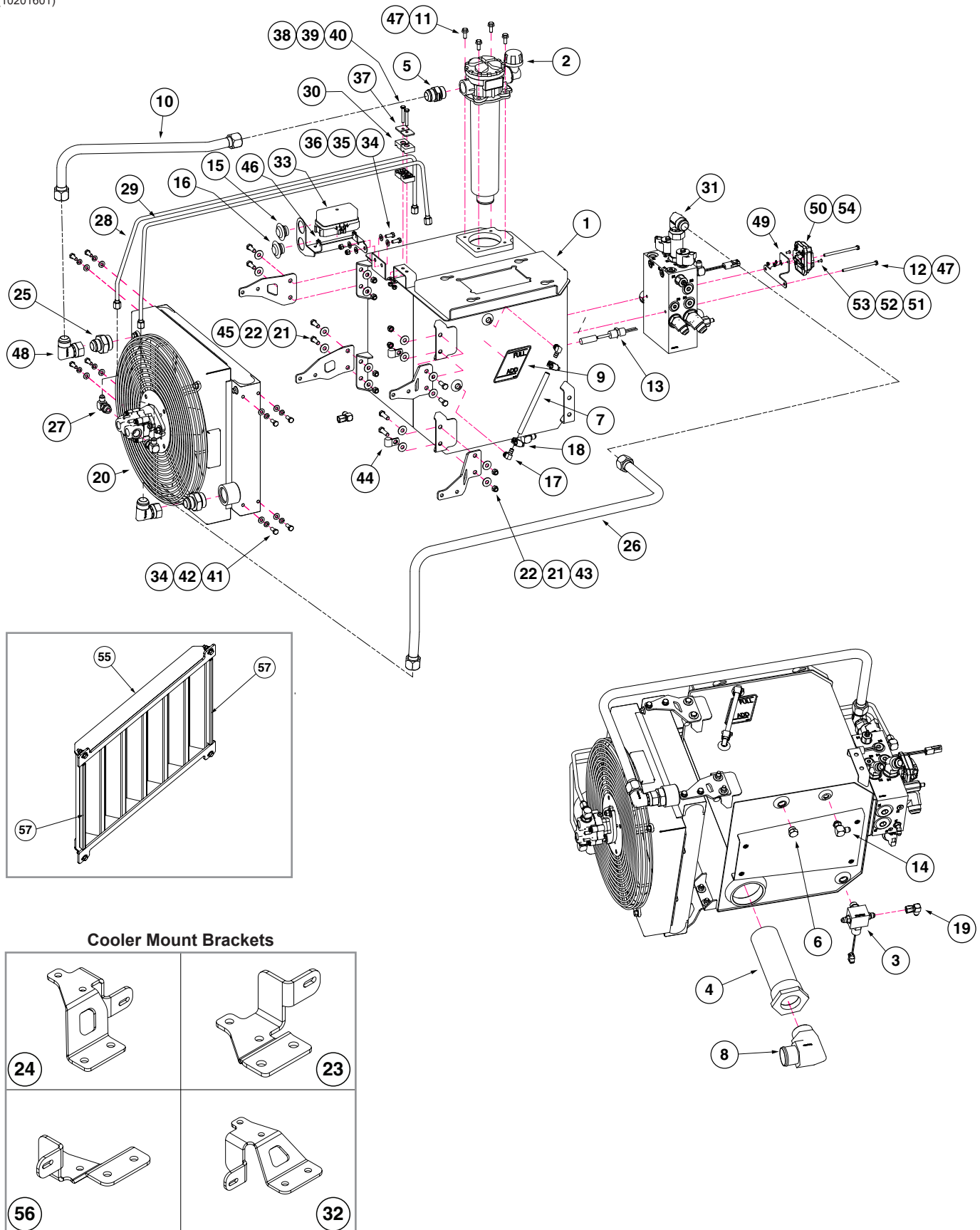


Hose Routing

| ITEM | PART NO.    | QTY. | DESCRIPTION                                                    |
|------|-------------|------|----------------------------------------------------------------|
| 1    | ---         | 1    | <a href="#">See "PTO Pump Reservoir" on page P62</a>           |
| 2    | ---         | 1    | <a href="#">See "Piston PTO Pump" on page P65</a>              |
| 3    | ---         | 1    | <a href="#">See "Vacuum Fan Assembly" on page P56</a>          |
| 4    | ---         | 1    | <a href="#">See "Blue Drive Bus Box Assembly" on page P236</a> |
| 5    | G10252001   | 1    | PTO Tank Support                                               |
| 6    | G10126901   | 1    | PTO Pump Mount                                                 |
| 7    | G10568101   | 1    | Pressure Sensor, 0-250                                         |
| 8    | ---         | -    | ---                                                            |
| 9    | GD19383-01  | 1    | Hose Wrap, 90"                                                 |
| 10   | GD35449     | 4    | Double Tube Clamp, 1"                                          |
| 11   | GD36590     | 1    | PTO Shim Plate                                                 |
| 12   | GD20095     | 2    | Insulated Clamp                                                |
| 13   | *A7684-112  | 1    | Hose Assembly, 1/4" AR x 112" (04F - 04F)                      |
| 14   | *A25696-101 | 1    | Hose Assembly, 3/8" AR x 101" (06F - 06F90)                    |
| 15   | *A12992-115 | 1    | Hose Assembly, 1" AR x 115" (16F - 16F90M)                     |
| 16   | *A27230-92  | 1    | Hose Assembly, 2" x 92" (32F - OE)                             |
| 17   | G2406-12-10 | 2    | Reducer, 1-1/16"-12 JIC x 7/8"-14                              |
| 18   | G2406-10-08 | 2    | Reducer, 7/8"-14 Female JIC To 3/4"-16 Male JIC                |
| 19   | G304-C-06   | 1    | Cap Nut, 9/16"-18                                              |
| 20   | G6802-12-16 | 1    | Adjustable 45° Elbow, 1-1/16"-12 x 1-5/16"-12 O-Ring           |
| 21   | G6802-10-12 | 1    | Adjustable 45° Elbow, 7/8"-14 x 1-1/16"-12 O-Ring              |
| 22   | G6410-08-06 | 1    | Adapter, 3/4"-16 O-Ring x 9/16"-18                             |
| 23   | G6802-10    | 1    | Elbow W/O-Ring, 45°, 7/8"-14 x 7/8"-14 Male JIC To O-Ring      |
| 24   | G6802-08    | 1    | Elbow W/O-Ring, 45°, 3/4"-16 x 3/4"-16                         |
| 25   | G11165      | 1    | T-Bolt Clamp, 2 1/2", Stainless Steel                          |
| 26   | G10592      | 1    | Hair Pin Clip, No. 11                                          |
| 27   | G10014      | 4    | Hex Head Cap Screw, 1/2"-13 x 1"                               |
| 28   | G10017      | 3    | Hex Head Cap Screw, 1/2"-13 x 1 1/2"                           |
| 29   | G10001      | 8    | Hex Head Cap Screw, 3/8"-16 x 1"                               |
| 30   | G10039      | 2    | Hex Head Cap Screw, 1/2"-13 x 1 3/4"                           |
| 31   | G10102      | 3    | Hex Nut, 1/2"-13                                               |
| 32   | G10108      | 4    | Lock Nut, 3/8"-16                                              |
| 33   | G10071      | 2    | Serrated Flange Nut, 1/2"-13                                   |
| 34   | G10228      | 4    | Lock Washer, 1/2"                                              |
| 35   | G10229      | 6    | Lock Washer, 3/8"                                              |
| 36   | G11389      | 2    | Flat Washer, 1/2" Plated SAE                                   |
| 37   | G10210      | 4    | Washer, 3/8" USS                                               |
| 38   | G304-C-10   | 2    | Cap Nut, 7/8"-14                                               |
| 39   | G304-C-8    | 1    | Cap Nut, 3/4"-16                                               |

\*Hydraulic hose is not stocked by Kinze Repair Parts.

(10201601)



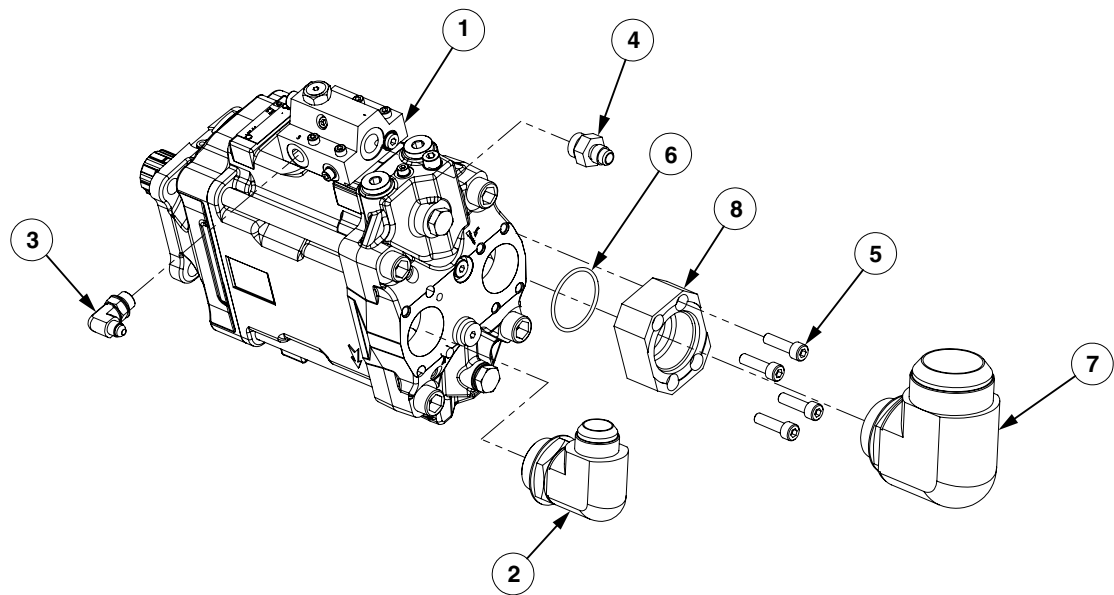
| ITEM | PART NO.           | QTY.   | DESCRIPTION                                                           |
|------|--------------------|--------|-----------------------------------------------------------------------|
| 1    | G10201401          | 1      | Hydraulic Reservoir                                                   |
| 2    | G10080501          | 1      | In-Tank Filter Assembly                                               |
| 3    | G10087701          | 1      | <a href="#">See "PTO Reservoir Hydraulic Block" on page P233</a>      |
| 4    | G10089801          | 1      | Strainer                                                              |
| 5    | G6400-16-16        | 1      | Connector, 1-5/8"-12 JIC to 1-5/8"-12 O-Ring                          |
| 6    | G6408-08<br>GR1037 | 1<br>- | Plug W/O-Ring, 3/4"-16 O-Ring<br>O-Ring                               |
| 7    | GD6279-07          | 1      | Clear Plastic Tubing, 3/8" x 7-1/4"                                   |
| 8    | G4501-32-32        | 1      | Elbow 90°, 2" NPT x 2" Hose Barb                                      |
| 9    | G10080601          | 1      | Tank Level Decal                                                      |
| 10   | G10204801          | 1      | Steel Hydraulic Line                                                  |
| 11   | G11539             | 4      | Hex Socket Flange Cap Screw, 5/16"-18 x 3/4"                          |
| 12   | G10943             | 2      | Hex Head Cap Screw, 1/4"-20 x 4"                                      |
| 13   | G10086501          | 1      | Liquid Level Sensor                                                   |
| 14   | G6801-06           | 1      | Elbow W/O-Ring, 90°, 9/16"-18 Male JIC To O-Ring                      |
| 15   | G10098301          | 1      | PTO Green Light Harness                                               |
| 16   | G10098401          | 1      | PTO Red Light Harness                                                 |
| 17   | GD35381            | 2      | 3/8" O.D. Brass Barbed x 1/4" NPT 90° Elbow                           |
| 18   | G10681             | 2      | Hose Clamp, No. 6                                                     |
| 19   | G6500-06           | 1      | Swivel Elbow, 90°, 9/16"-18 Male JIC To Female                        |
| 20   | G10192201          | 1      | Fan and Cooler Assembly                                               |
| 21   | G10210             | 16     | Washer, 3/8" USS                                                      |
| 22   | G10108             | 8      | Lock Nut, 3/8"-16                                                     |
| 23   | G10463901          | 1      | Cooler Screen Mount, L.H.                                             |
| 24   | G10463801          | 1      | Cooler Screen Mount, R.H.                                             |
| 25   | G6400-16-20        | 2      | Connector, 1-5/16"-12 JIC to 1-5/8"-12 O-Ring                         |
| 26   | G10204901          | 1      | Steel Hydraulic Line                                                  |
| 27   | G6801-06-08        | 2      | Elbow W/O-Ring, 90°, 9/16"-18 Male JIC To 3/4"-16 O-Ring              |
| 28   | G10204601          | 1      | Steel Hydraulic Line, 3/8"                                            |
| 29   | G10204701          | 1      | Steel Hydraulic Line, 3/8"                                            |
| 30   | GD36667            | 2      | Tube Clamp Set                                                        |
| 31   | G10202401          | 1      | <a href="#">See "PTO Reservoir Main Hydraulic Block" on page P235</a> |
| 32   | G10435001          | 2      | Cooler Screen Mount, Upper                                            |
| 33   | G10200301          | 1      | PTO Assembly Harness                                                  |
| 34   | G11386             | 12     | Flat Washer, 5/16" SAE                                                |
| 35   | G10109             | 2      | Lock Nut, 5/16"-18                                                    |
| 36   | G10043             | 2      | Hex Head Cap Screw, 5/16"-18 x 3/4"                                   |
| 37   | GD36666            | 2      | Tube Clamp Cover Plate                                                |
| 38   | G11385             | 2      | Flat Washer, 1/4" SAE                                                 |
| 39   | G10110             | 2      | Lock Nut, 1/4"-20, Grade B                                            |
| 40   | G10040             | 2      | Hex Head Cap Screw, 1/4"-20 x 1 3/4"                                  |
| 41   | G10232             | 8      | Lock Washer, 5/16"                                                    |
| 42   | G12003-20          | 8      | Hex Head Cap Screw, M8-1,20                                           |
| 43   | G10004             | 2      | Hex Head Cap Screw, 3/8"-16 x 1 1/4"                                  |
| 44   | GD36393            | 2      | Insulated Clamp, 1/2"                                                 |
| 45   | G10001             | 6      | Hex Head Cap Screw, 3/8"-16 x 1"                                      |
| 46   | G10204001          | 1      | PTO Harness Bracket                                                   |
| 47   | GD20984            | 0.005  | Loctite 243                                                           |
| 48   | G6500-16           | 2      | Swivel Elbow, 90°, 1 5/16"-12 Male JIC To Female                      |
| 49   | G10220101          | 1      | Driver Mount Bracket                                                  |
| 50   | G10302202          | 1      | XMD-02 Programmed Module                                              |
| 51   | G10928             | 2      | Hex Nut, No. 8-32, Stainless Steel                                    |



---

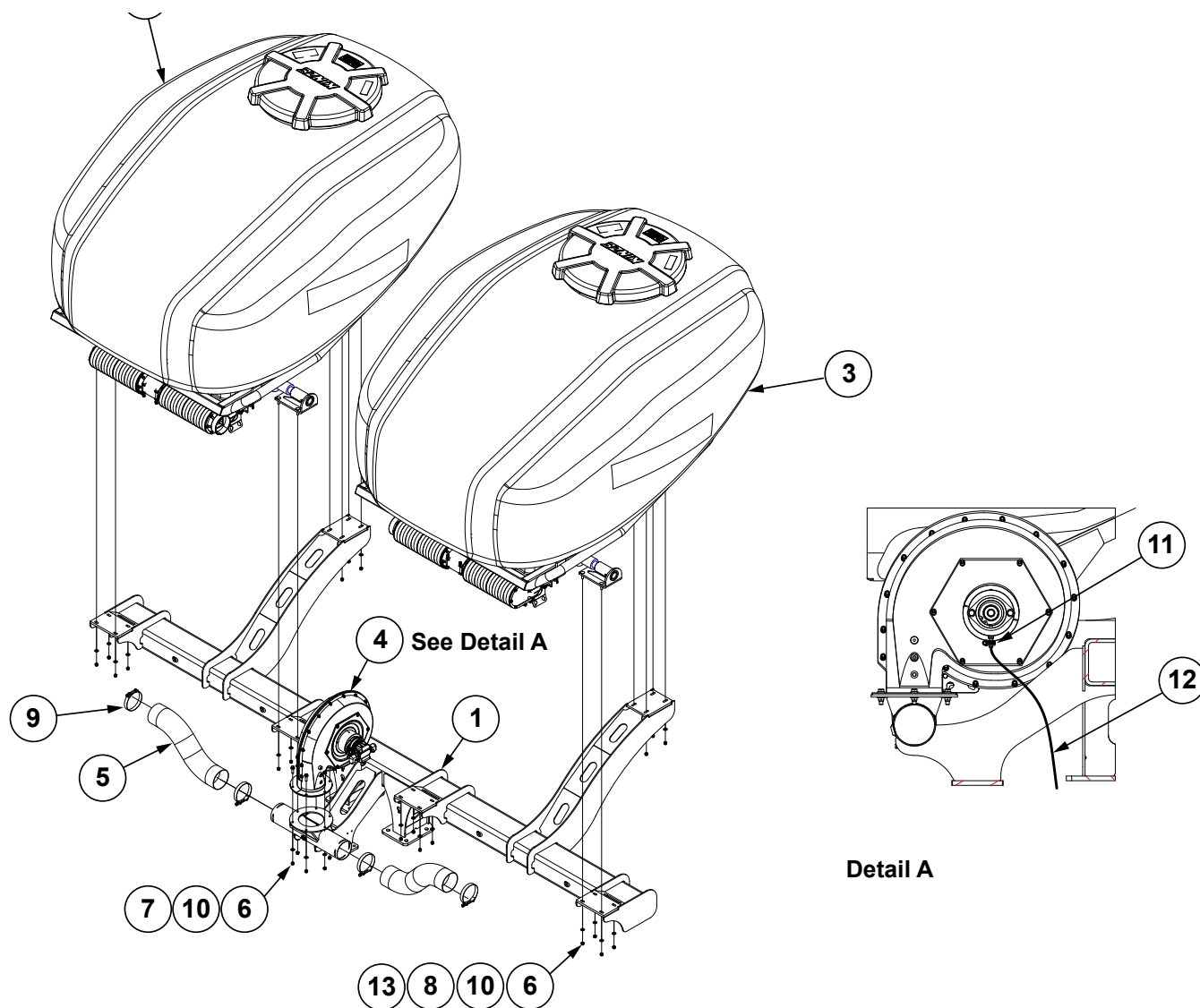
| ITEM | PART NO.   | QTY. | DESCRIPTION                            |
|------|------------|------|----------------------------------------|
| 52   | G11995     | 2    | Washer, Internal Tooth, #8             |
| 53   | G11778     | 2    | Phillips Pan Head Machine Screw, #8-32 |
| 54   | G10263101  | 1    | PTO Reverser Harness                   |
| 55   | G10435301  | 1    | Cooler Screen                          |
| 56   | G10464001  | 1    | Cooler Screen Mount, Lower             |
| 57   | GD35413-15 | 2    | Edge Trim Protector                    |

(101035)



| ITEM | PART NO.    | QTY. | DESCRIPTION                                                                                                    |
|------|-------------|------|----------------------------------------------------------------------------------------------------------------|
| 1    | G10103401   | 1    | Piston PTO Pump                                                                                                |
| 2    | G3801-16-20 | 1    | Adjustable 90° Elbow, 1 <sup>5</sup> / <sub>16</sub> "-12 JIC to 1 <sup>1</sup> / <sub>4</sub> "-14 BSP O-Ring |
| 3    | G3801-04-04 | 1    | Adjustable 90° Elbow, 7 <sup>7</sup> / <sub>16</sub> "-20 x 1 <sup>1</sup> / <sub>4</sub> "-19 BSP O-Ring      |
| 4    | G3800-06-08 | 1    | Adapter, 9 <sup>1</sup> / <sub>16</sub> "-18 JIC x 1 <sup>1</sup> / <sub>2</sub> "-14 BSP O-Ring               |
| 5    | G10105401   | 4    | Hex Socket Head Cap Screw, M8-1.25 x 30                                                                        |
| 6    | G10105501   | 1    | O-Ring #133                                                                                                    |
| 7    | G6801-32-24 | 1    | Adjustable 90° Elbow, 2 <sup>1</sup> / <sub>2</sub> "-12 x 1 <sup>7</sup> / <sub>8</sub> "-12 O-Ring           |
| 8    | G10105301   | 1    | Adapter, 1 <sup>7</sup> / <sub>8</sub> "-12 O-Ring to Split Flange                                             |

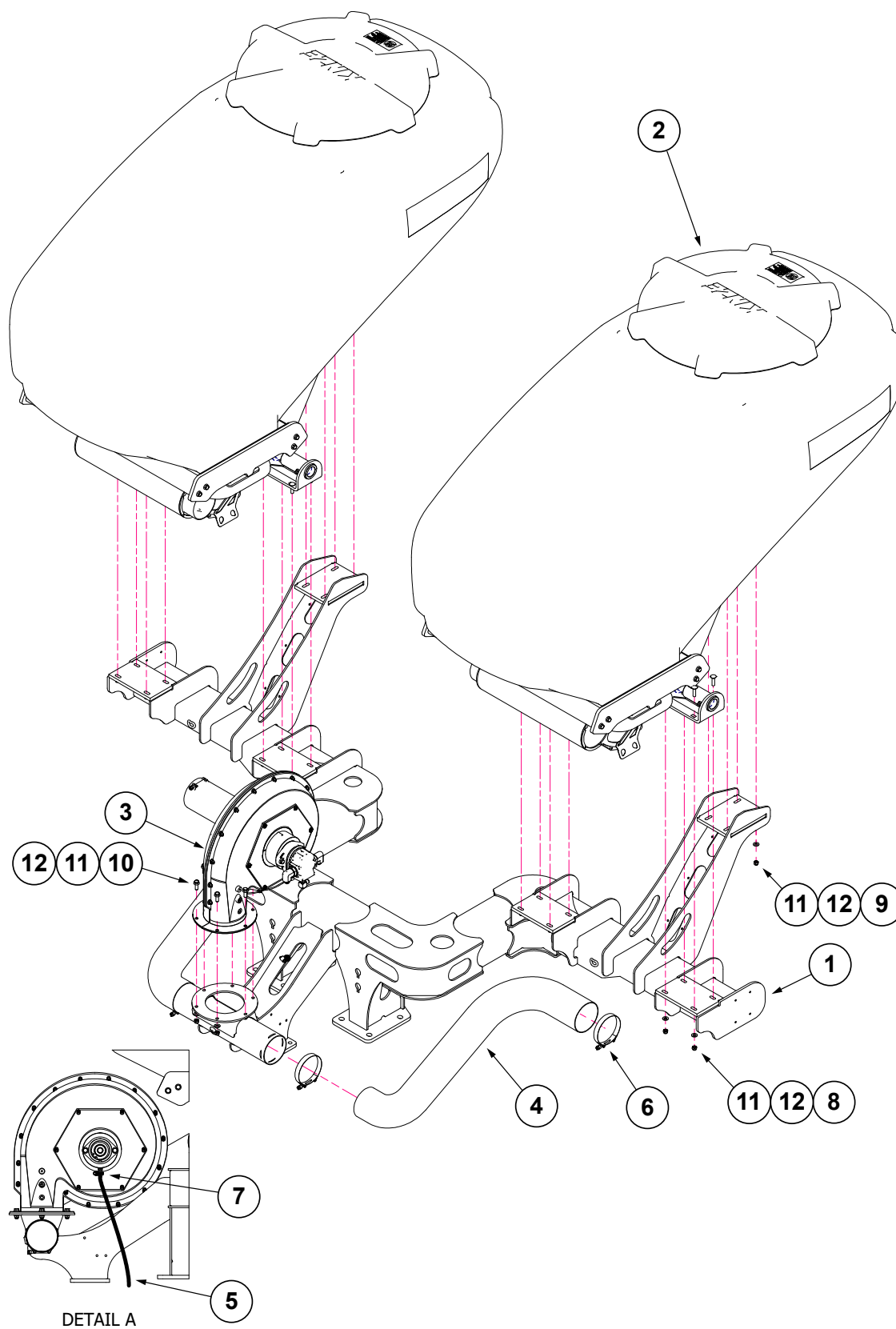
(A24985)



---

| ITEM | PART NO.   | QTY. | DESCRIPTION                                                            |
|------|------------|------|------------------------------------------------------------------------|
| 1    | G10250801  | 1    | Bulk Fill Tank Mount                                                   |
| 2    | G10016002  | 1    | <a href="#">See "60 Bu. Bulk Fill Tank and Entrainers" on page P72</a> |
| 3    | G10016202  | 1    | <a href="#">See "60 Bu. Bulk Fill Tank and Entrainers" on page P72</a> |
| 4    | G11161601  | 1    | <a href="#">See "Bulk Fill Fan Assembly" on page P70</a>               |
| 5    | GD19659-10 | 2    | Black Hose, 4½" I.D. x 31"                                             |
| 6    | G10108     | 30   | Lock Nut, ⅜"-16                                                        |
| 7    | G11124     | 6    | Hex Serrated Flange Cap Screw, ⅜"-16 x 1", Grade 5                     |
| 8    | G10301     | 24   | Carriage Bolt, ⅜"-16 x 1½"                                             |
| 9    | G11360     | 4    | T-Bolt Hose Clamp, 4 ½"                                                |
| 10   | G11387     | 30   | Hardened Washer, ⅜" SAE                                                |
| 11   | G10681     | 1    | Hose Clamp, No. 6                                                      |
| 12   | GD6279-06  | 1    | Clear Plastic Tubing, ⅜" O.D. x 72"                                    |
| 13   | GA14041    | 6    | Tank Weld Mount                                                        |

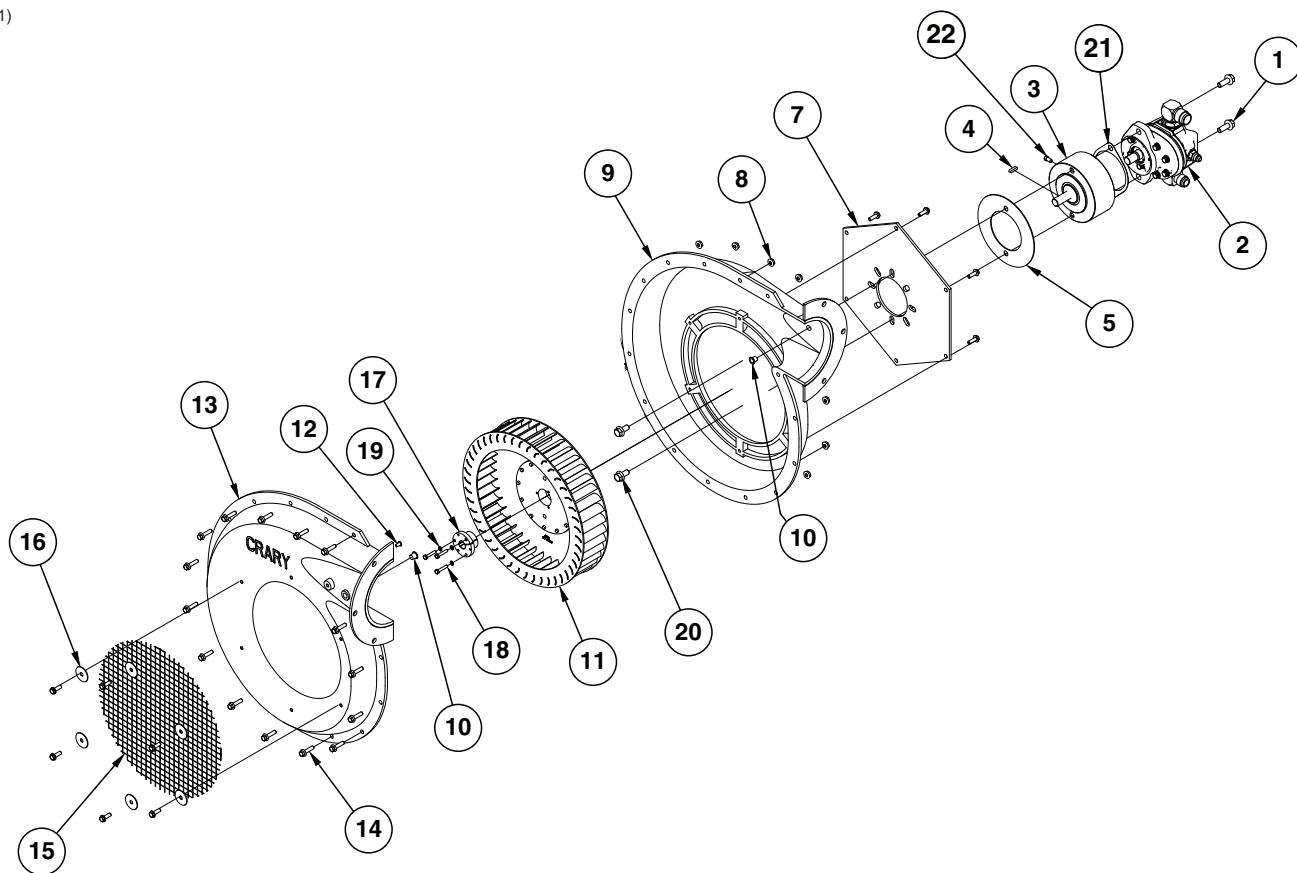
(103659)



---

| ITEM | PART NO.   | QTY. | DESCRIPTION                                                           |
|------|------------|------|-----------------------------------------------------------------------|
| 1    | G10351801  | 1    | BF Tank Mount                                                         |
| 2    | ---        | -    | <a href="#">See "25 Bu. Bulk Fill Tank and Entrainer" on page P76</a> |
| 3    | G11161601  | 1    | <a href="#">See "Bulk Fill Fan Assembly" on page P70</a>              |
| 4    | GD19659-03 | 2    | Black Hose, 4 1/2" I.D. x 49"                                         |
| 5    | GD6279-06  | 1    | Clear Plastic Tubing, 3/8" O.D. x 72"                                 |
| 6    | G11360     | 4    | T-Bolt Hose Clamp, 4 1/2"                                             |
| 7    | G10681     | 1    | Hose Clamp, No. 6                                                     |
| 8    | G10301     | 16   | Carriage Bolt, 3/8"-16 x 1 1/2"                                       |
| 9    | G11134     | 8    | Carriage Bolt, 3/8"-16 x 1 3/4"                                       |
| 10   | G11124     | 6    | Hex Serrated Flange Cap Screw, 3/8"-16 x 1"                           |
| 11   | G10108     | 30   | Lock Nut, 3/8"-16                                                     |
| 12   | G11387     | 30   | Flat Washer, 3/8" SAE                                                 |

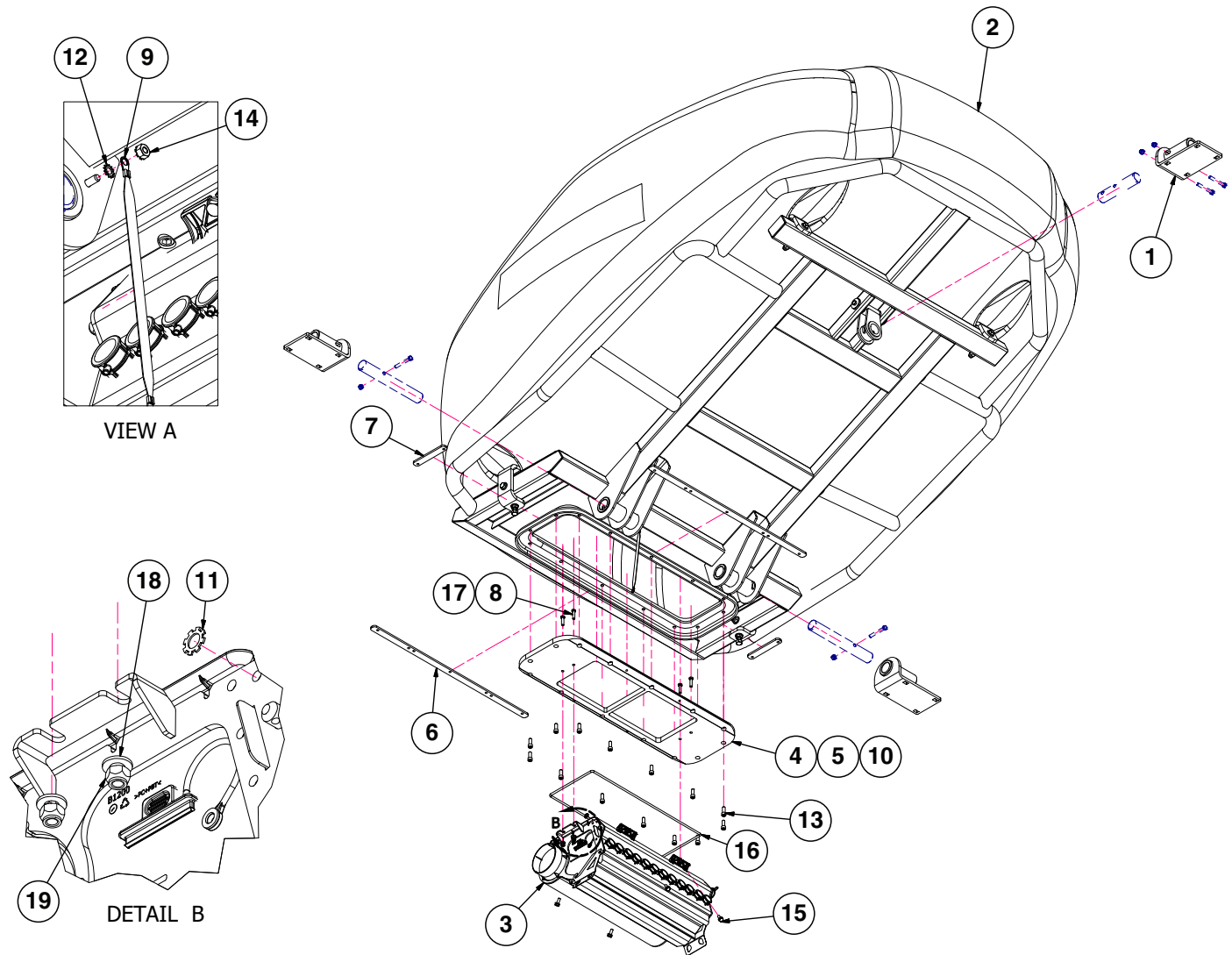
(IP1441)



| ITEM | PART NO.    | QTY. | DESCRIPTION                                      |
|------|-------------|------|--------------------------------------------------|
| 1    | G11124      | 2    | Hex Serrated Flange Cap Screw, 3/8"-16 x 1"      |
| 2    | GA14574     | 1    | Hydraulic Motor                                  |
|      | GR2000      | -    | Motor Key                                        |
|      | G6801-06    | 1    | Elbow W/O-Ring, 90°, 9/16"-18 Male JIC To O-Ring |
|      | G6801-08-12 | 1    | Swivel Elbow, 3/4"-20 x 1 1/16"-12               |
|      | G6801-06-12 | 1    | Swivel Elbow, 9/16"-18 x 1 1/16"-12              |
| 3    | GA25388     | 1    | Overhurd Load Adapter                            |
|      | GD20928     | -    | Bearing (Included W/GA25388)                     |
| 4    | GD21300     | 1    | Key                                              |
| 5    | GD25644     | 1    | Cover Plate                                      |
| 6    | GR1968      | 1    | Cover Plate                                      |
| 7    | GR1969      | 1    | Backing Plate                                    |
| 8    | G10621      | 15   | Serrated Flange Nut, 1/4"-20                     |
| 9    | GR1971      | 1    | Flanged Inner Case                               |
| 10   | GR1979      | 2    | Plastic Plug, 7/16"                              |
| 11   | GR2109      | 1    | Impeller                                         |
| 12   | GR1978      | 1    | Plastic Plug, 1/4"                               |
| 13   | GR1970      | 1    | Flanged Outer Case                               |
| 14   | G11409      | 15   | Hex Serrated Flanged Cap Screw, 1/4"-20 x 1"     |
| 15   | GR1967      | 1    | Screen                                           |
| 16   | GR1977      | 6    | Fender Washer, 1/4"                              |
| 17   | GR1961      | 1    | Bushing, 5/8"                                    |
| 18   | G11518      | 3    | Hex Head Machine Screw, #10-24 x 1"              |
| 19   | G10257      | 3    | Lock Washer, No. 10                              |
| 20   | G11123      | 2    | Hex Serrated Flange Cap Screw, 3/8"-16 x 3/4"    |
| 21   | GD30882     | 1    | 2-Bolt Mount Gasket                              |
| 22   | GD31305     | 1    | Plug                                             |
| A    | GA14573     | 1    | Bulk Fill Fan (Flanged) (Includes Items 6-16)    |



(100160)

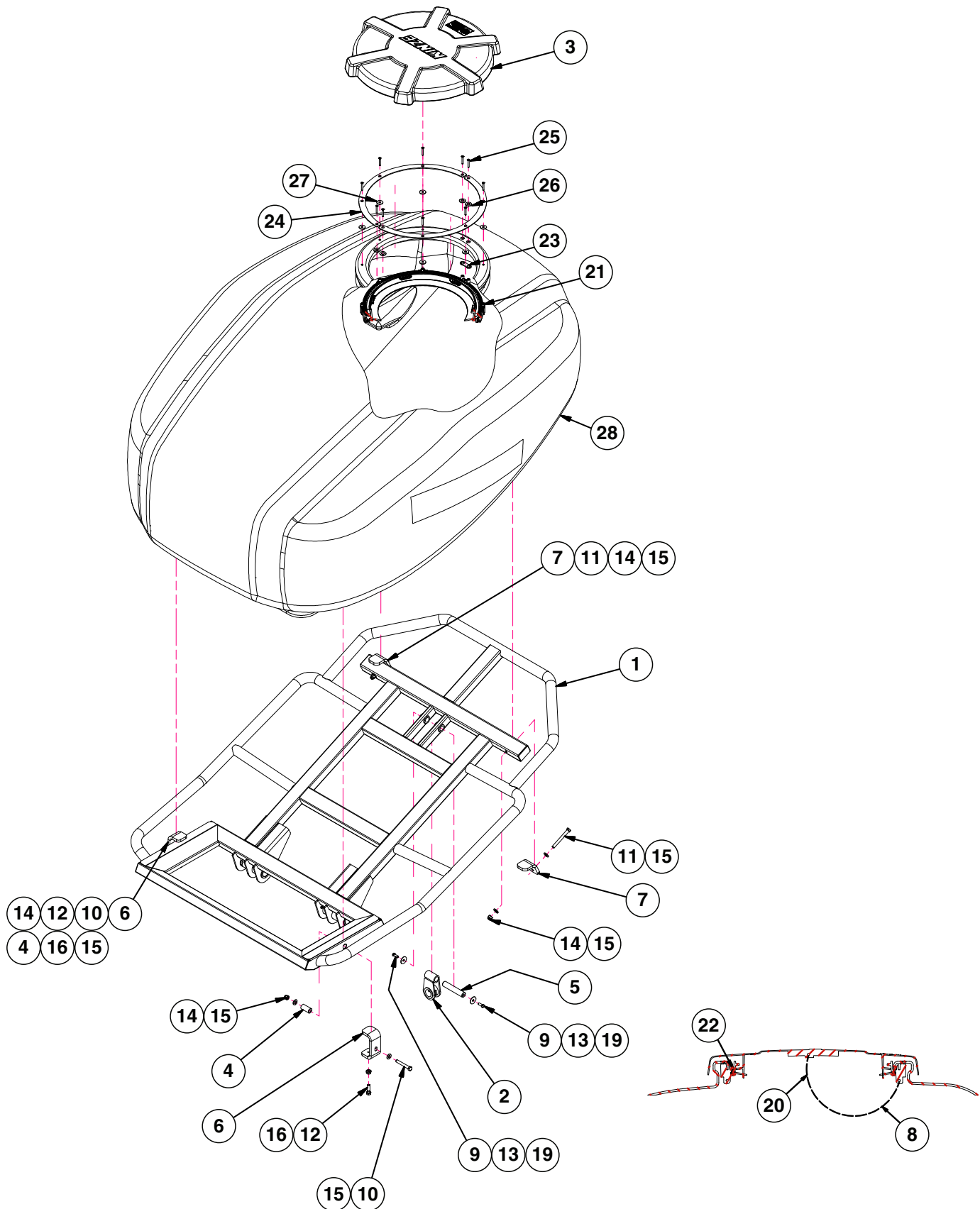
**R.H. Side Shown**

[See "Bulk Fill Scale Package" on page P84](#)

| ITEM | PART NO.   | QTY. | DESCRIPTION                                                      |
|------|------------|------|------------------------------------------------------------------|
| 1    | GA14041    | 3    | Bulk Fill Tank Mount                                             |
| 2    | G10129402  | -    | <a href="#">See "60 Bu. Bulk Fill Tank Assembly" on page P74</a> |
| 3    | GA27158    | 1    | <a href="#">See "Entrainer Assembly" on page P82</a>             |
| 4    | GD19690-03 | 1    | Ribbon Sealer, 6.5'                                              |
| 5    | GD19690-04 | 1    | Ribbon Sealer, 7'                                                |
| 6    | G10057501  | 2    | Entrainer Mount Tap Block                                        |
| 7    | GD20923    | 2    | Entrainer Mount Tap Block                                        |
| 8    | GD27215    | -*   | Silicone Sealer, Dow Corning 732, Clear                          |
| 9    | GD27607    | 1    | Ground Strap                                                     |
| 10   | GD37001    | 1    | Entrainer Adapter, 12 Row                                        |
| 11   | G10529     | 1    | External Tooth Lock Washer, 3/8"                                 |
| 12   | G11249     | 1    | External Tooth Washer, 1/4"                                      |
| 13   | G11848     | 14   | Hex Socket Head Cap Screw, 3/8"-16 x 1"-1/4                      |
| 14   | G11528     | 1    | Hex Nut W/External Tooth Washer, 1/4"-20                         |
| 15   | G10961     | 4    | Flanged Whiz Lock Screw, 5/16"-18 x 3/4", No Serration           |
| 16   | G10302501  | 1    | Foam Cord, 5/16" x 58.191"                                       |
| 17   | G10171     | 4    | Hex Head Cap Screw, 5/16"-18 x 1 1/4"                            |
| 18   | G11386     | 4    | Flat Washer, 5/16" SAE                                           |
| 19   | G11182     | 4    | Lock Nut W/Nylon Insert, 5/16"-18                                |

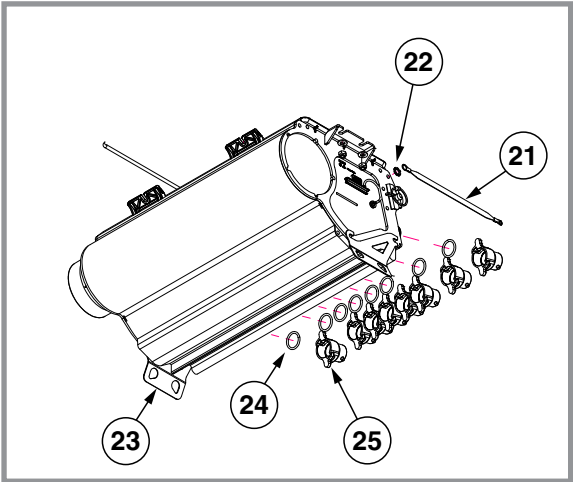
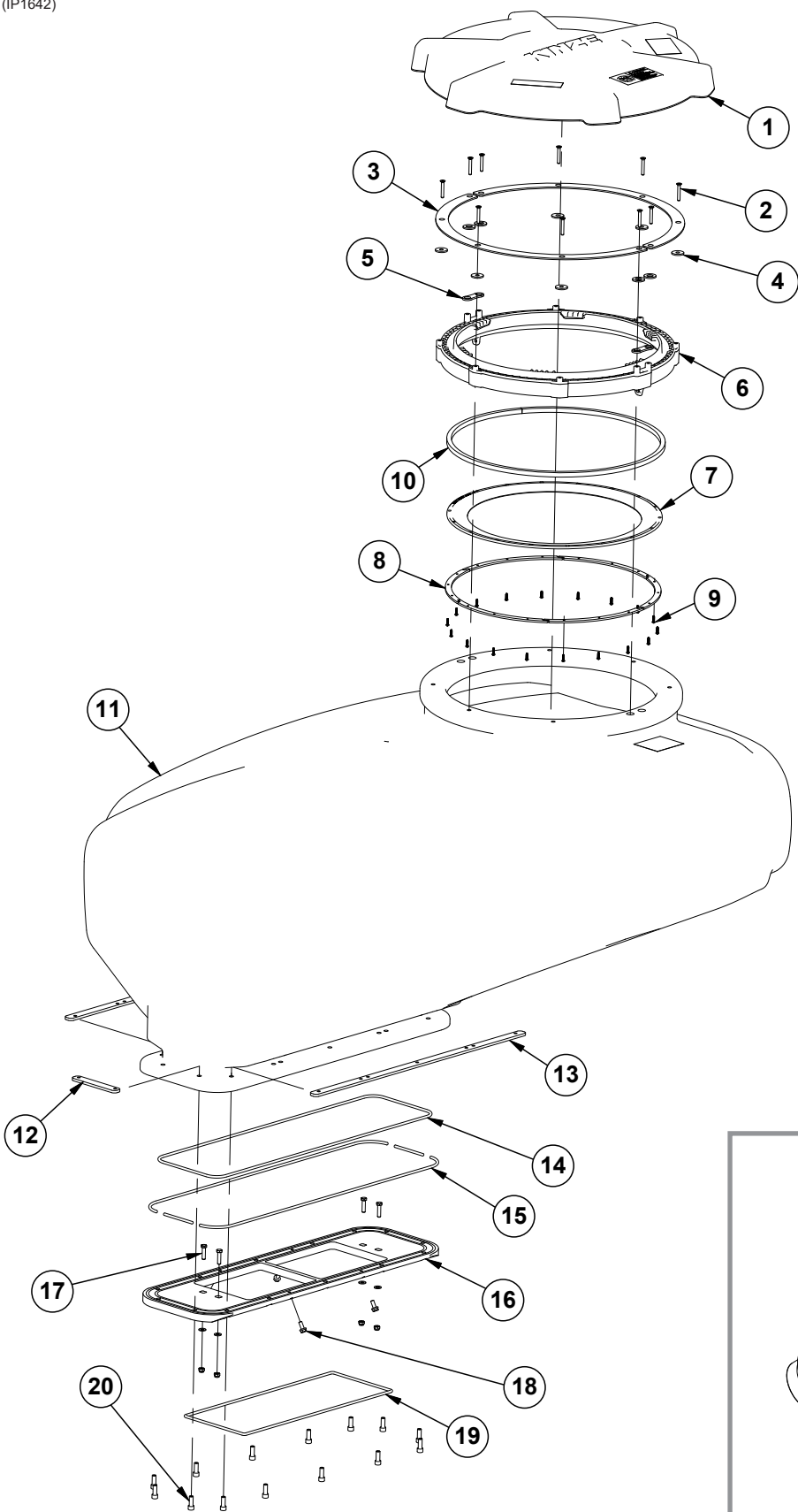
\*As requested.

(101294)



| ITEM | PART NO.   | QTY. | DESCRIPTION                                 |
|------|------------|------|---------------------------------------------|
| 1    | GA17033    | 1    | 60 Bu. Bulk Fill Tank Cradle                |
| 2    | GA17034    | 1    | Rear Bulk Fill Tank Mount                   |
| 3    | GB0673     | 1    | Bulk Fill Tank Lid                          |
| 4    | GD4887-27  | 2    | Sleeve, 1" O.D. x .562 I.D. x 2"            |
| 5    | GD20037    | 1    | Pin, 1" x 5 -3/8"                           |
| 6    | GD24693    | 2    | Side Tank Clip                              |
| 7    | GD24695    | 2    | Rear Tank Clip                              |
| 8    | GD24879-01 | 1    | Rope Tether, 36"                            |
| 9    | G10001     | 2    | Hex Head Cap Screw, 3/8"-16 x 1"            |
| 10   | G10033     | 2    | Hex Head Cap Screw, 1/2"-13 x 3 1/2"        |
| 11   | G10045     | 2    | Hex Head Cap Screw, 1/2"-13 x 4 1/2"        |
| 12   | G10071     | 2    | Serrated Flange Nut, 1/2"-13                |
| 13   | G10201     | 2    | Special Washer, 3/8" x 1 1/2" O.D.          |
| 14   | G10974     | 4    | Lock Nut W/Nylon Insert, 1/2"-13            |
| 15   | G11389     | 8    | Flat Washer, 1/2" Plated SAE                |
| 16   | G11519     | 2    | Hex Head Cap Screw, 1/2"-13 x 1 3/4"        |
| 17   | ---        | -    | ---                                         |
| 18   | ---        | -    | ---                                         |
| 19   | GD20984    | -    | Loctite 243                                 |
| 20   | G11386     | 1    | Flat Washer, 5/16" SAE                      |
| 21   | G10129501  | 1    | Lid Seal Assembly                           |
| 22   | GD35274-01 | 1    | Black Ribbon Sealer, 66.5"                  |
| 23   | GB0905     | 2    | Lid Seal Ring Spacer                        |
| 24   | GD35844    | 2    | Top Ring Mount Plate                        |
| 25   | G10132501  | 10   | Hex Flange Head Cap Screw, 1/4"-20 x 1-3/4" |
| 26   | GD24754    | 4    | Foam Seal                                   |
| 27   | GD35857    | 6    | Foam Seal Washer                            |
| 28   | G10128401  | 1    | Tank, 60 BU                                 |

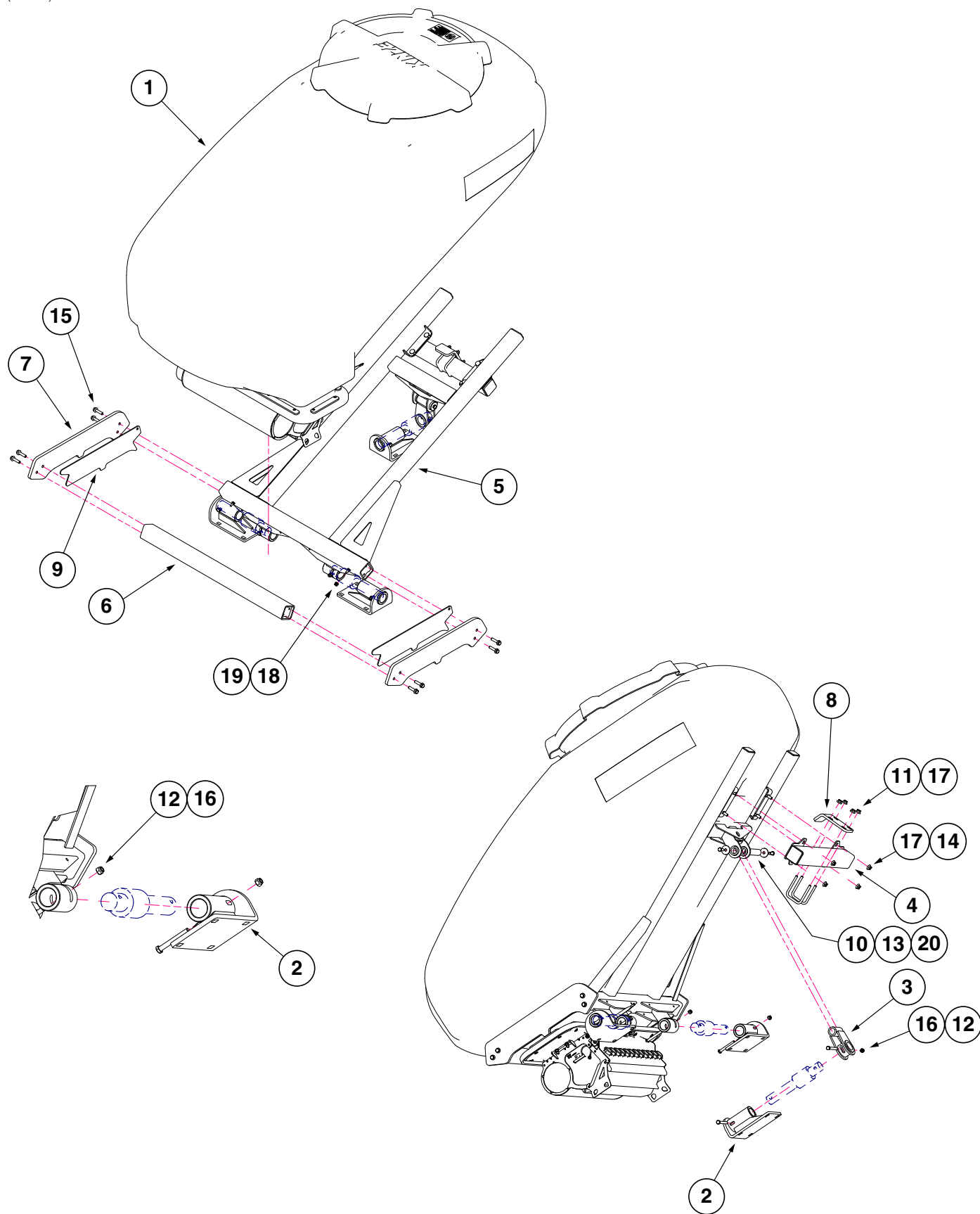
(IP1642)



| ITEM | PART NO.    | QTY. | DESCRIPTION                                          |
|------|-------------|------|------------------------------------------------------|
| 1    | GB0673      | 1    | Bulk Fill Tank Lid                                   |
|      | GD24879-01  | 1    | Rope Tether, 36"                                     |
|      | G11386      | 1    | Flat Washer, 5/16"SAE                                |
| 2    | G10132501   | 10   | Hex Flange Head Cap Screw, 1/4"-20 x 1 3/4"          |
| 3    | GD35844     | 2    | Top Ring Mount Plate                                 |
| 4    | GD35857     | 6    | Foam Seal Washer                                     |
| 5    | GB0905      | 2    | Lid Seal Ring Spacer                                 |
|      | GD24754     | 4    | Foam Seal                                            |
| 6    | GB1206      | 1    | Bulk Fill Tank Lid Latch                             |
| 7    | GB0675      | 1    | Bulk Fill Tank Lid Seal                              |
| 8    | GD24386     | 6    | Bulk Fill Lid Seal Ring Segment                      |
| 9    | G11522      | 18   | Phillip Pan Head Tapping Screw, #8-18 x 5/8"         |
| 10   | *GD35274-01 | 1    | Ribbon Sealer, 66 1/2" (Length Used For Tank Lid)    |
| 11   | G10058001   | 1    | Bulk Seed Tank, 25 Bushel                            |
| 12   | GD20923     | 2    | Entrainer Mount Tap Block, Short                     |
| 13   | G10057501   | 2    | Entrainer Mount Tap Block                            |
| 14   | GD19690-03  | 1    | Ribbon Sealer, 6.5'                                  |
| 15   | GD19690-04  | 1    | Ribbon Sealer, 7'                                    |
| 16   | GD37001     | 1    | Entrainer Adapter, 12 Row                            |
| 17   | G10171      | 4    | Hex Head Cap Screw, 5/16"-18 x 1 1/4"                |
|      | G11386      | 4    | Flat Washer, 5/16" SAE                               |
|      | G11182      | 4    | Lock Nut W/Nylon Insert, 5/16"-18                    |
| 18   | G10961      | 4    | Hex Socket Flange Cap Screw, 5/16"-18 x 3/4"         |
| 19   | G10302501   | 1    | Foam Cord, 5/16" x 58.191"                           |
| 20   | G11261      | 14   | Hex Socket Head Cap Screw, 3/8"-16 x 1"              |
| 21   | GD27607     | 1    | Ground Strap                                         |
| 22   | G10529      | 1    | External Tooth Lock Washer, 3/8"                     |
| 23   | ---         | ---  | <a href="#">See "Entrainer Assembly" on page P82</a> |
| 24   | GD19508     | 8    | O-Ring, Small Coupler                                |
| 25   | GB0431      | 8    | Bulk Fill Small Cap                                  |
| A    | G10129501   | -    | Bulk Fill Lid Seal Assembly (Items 6-9)              |

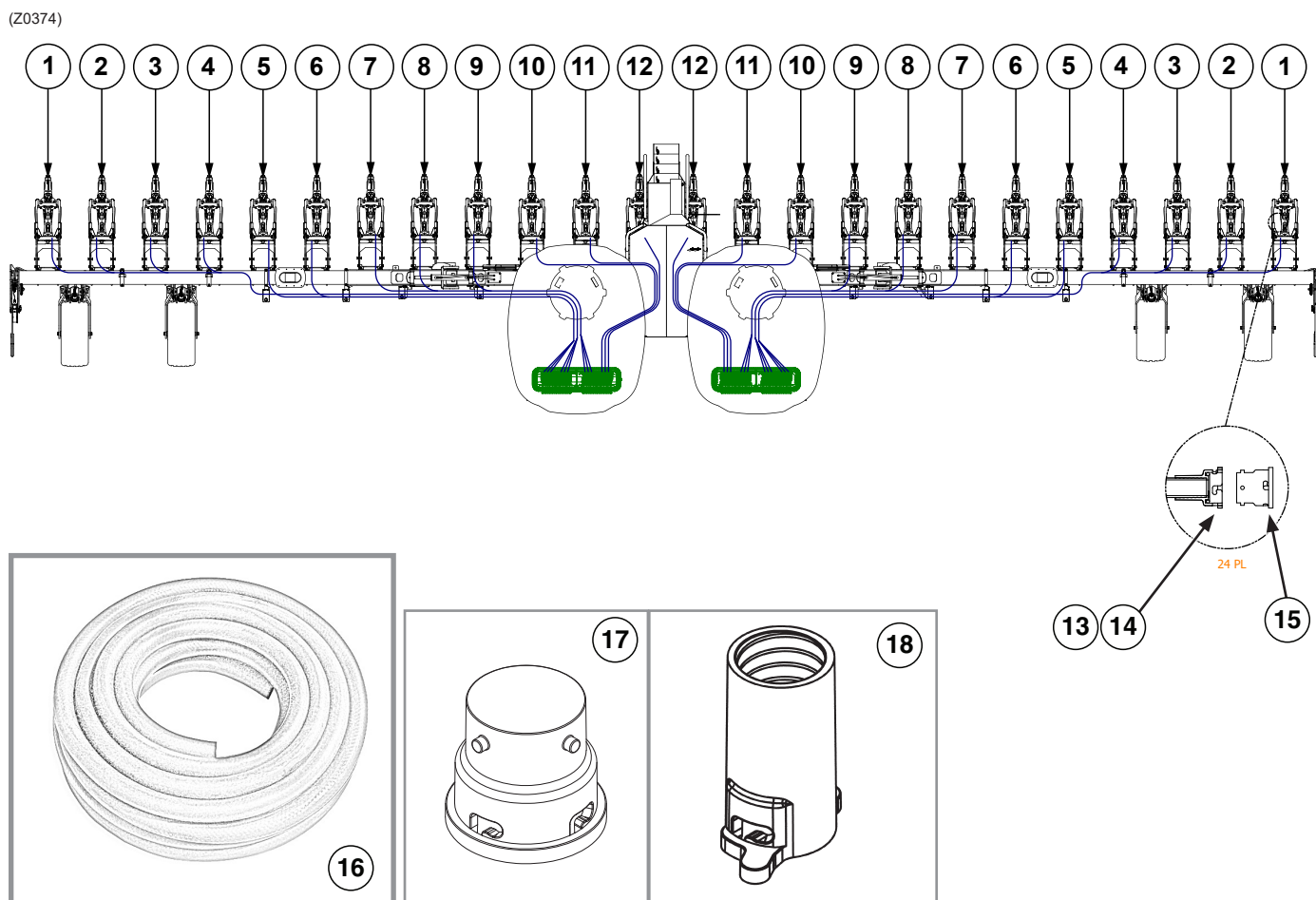
\*Available in bulk only (21.75').

(103661)



| ITEM | PART NO.  | QTY. | DESCRIPTION                                                           |
|------|-----------|------|-----------------------------------------------------------------------|
| 1    | ---       | -    | <a href="#">See "25 Bu. Bulk Fill Tank and Entrainer" on page P76</a> |
| 2    | GA14041   | 3    | Bulk Fill Tank Mount                                                  |
| 3    | GA17034   | 1    | Rear Tank Mount                                                       |
| 4    | G10351401 | 1    | Tank Support                                                          |
| 5    | G10351701 | 1    | Tank Saddle                                                           |
| 6    | G10351501 | 1    | Tube                                                                  |
| 7    | GD33953   | 2    | Side Mount Plate                                                      |
| 8    | GD34071   | 1    | Mount Plate                                                           |
| 9    | GD35126   | 2    | Shim, 10 Gauge (.1345")                                               |
| 10   | GD33958   | 1    | Threaded Rod                                                          |
| 11   | GD19212   | 2    | U-Bolt, 2 1/2" x 3/8"-16                                              |
| 12   | G10062    | 6    | Hex Head Cap Screw, 3/8"-16 x 3"                                      |
| 13   | G10001    | 2    | Hex Head Cap Screw, 3/8"-16 x 1"                                      |
| 14   | G10305    | 4    | Hex Head Cap Screw, 3/8"-16 x 1"                                      |
| 15   | G11408    | 8    | Hex Serrated Flange Cap Screw, 3/8"-16 x 1-1/2"                       |
| 16   | G10108    | 6    | Lock Nut, 3/8"-16                                                     |
| 17   | G11091    | 8    | Serrated Flange Nut, 3/8"-16                                          |
| 18   | G11528    | 1    | Hex Nut W/External Tooth Washer, 1/4"-20                              |
| 19   | G11249    | 1    | External Tooth Washer, 1/4"                                           |
| 20   | G10201    | 2    | Special Washer, 3/8" x 1 1/2" O.D.                                    |



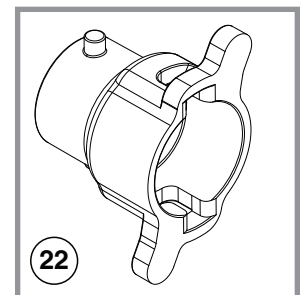
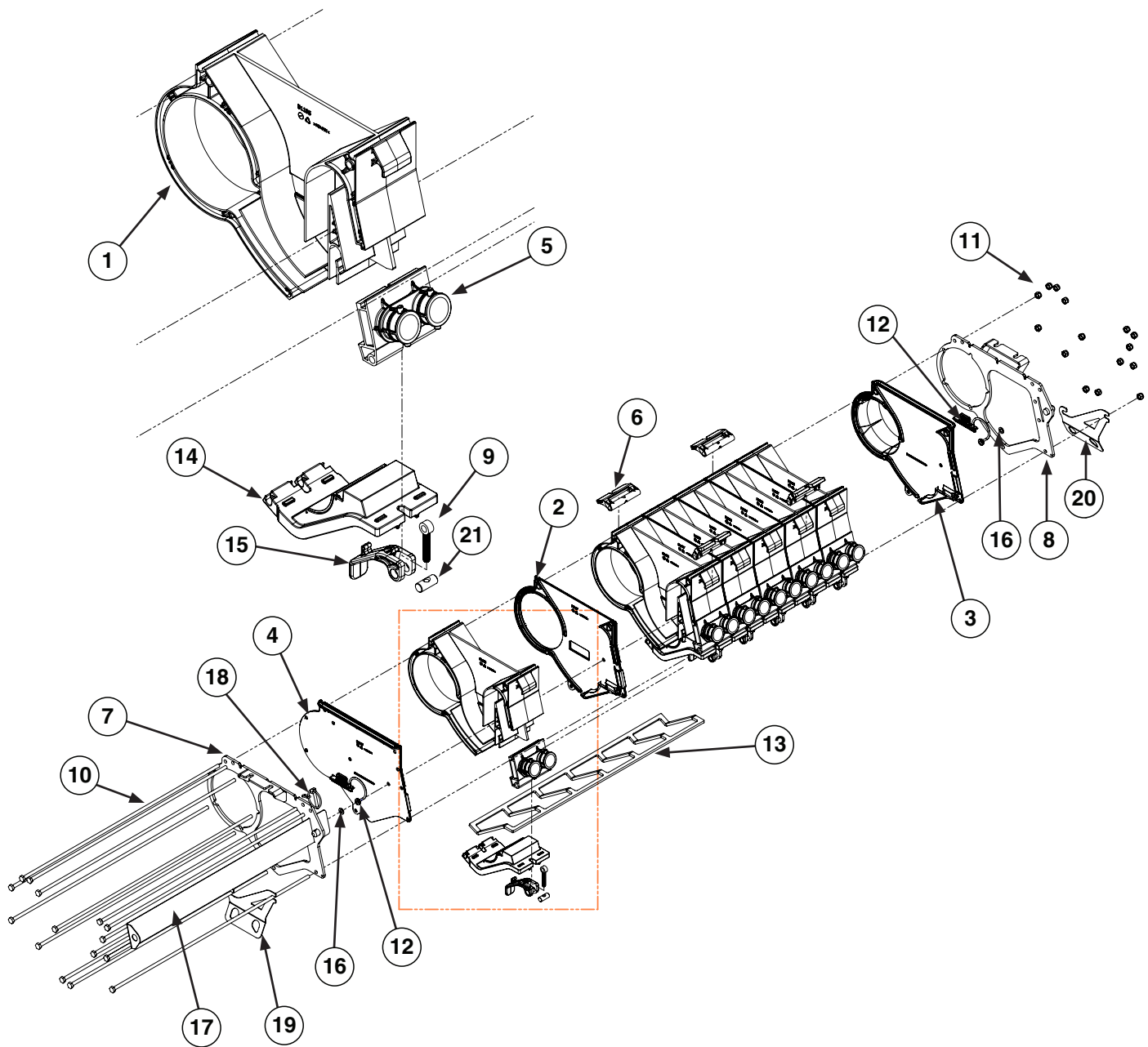


| ITEM | PART NO.    | QTY. | DESCRIPTION                                     |
|------|-------------|------|-------------------------------------------------|
| 1    | *A13855     | 2    | Hose Assembly, 1 1/4" x 434"                    |
| 2    | *A13856     | 2    | Hose Assembly, 1 1/4" x 423"                    |
| 3    | *A13857     | 2    | Hose Assembly, 1 1/4" x 394"                    |
| 4    | *A13858     | 2    | Hose Assembly, 1 1/4" x 367"                    |
| 5    | *A13859     | 2    | Hose Assembly, 1 1/4" x 345"                    |
| 6    | *A13819     | 2    | Hose Assembly, 1 1/4" x 310" (110 Bu. Capacity) |
|      | *A13870-299 | 2    | Hose Assembly, 1 1/4" x 299" (50 Bu. Capacity)  |
| 7    | *A13840     | 2    | Hose Assembly, 1 1/4" x 282"                    |
| 8    | *A13818     | 2    | Hose Assembly, 1 1/4" x 280" (110 Bu. Capacity) |
|      | *A13870-271 | 2    | Hose Assembly, 1 1/4" x 271" (50 Bu. Capacity)  |
| 9    | *A13860     | 2    | Hose Assembly, 1 1/4" x 208"                    |
| 10   | *A13861     | 2    | Hose Assembly, 1 1/4" x 154"                    |
| 11   | *A13834     | 2    | Hose Assembly, 1 1/4" x 122"                    |
| 12   | *A13870-110 | 2    | Hose Assembly, 1 1/4" x 110"                    |
| 13   | GD19509     | 24   | O-Ring, Large                                   |
| 14   | GD19508     | 24   | O-Ring, Small                                   |
| 15   | GB0425      | 24   | Dissipator Quick Coupler                        |
| 16   | GR1947      | -    | Bulk Fill Hose, 1" I.D. x 1 1/4" O.D. x 100'    |
| 17   | GB0430      | -    | Bulk Fill Large Cap                             |
| 18   | GB0429      | -    | Seed Entrainer Quick Coupler                    |

\*Hose not stocked by Kinze repair parts, but is available in bulk (GR1947).

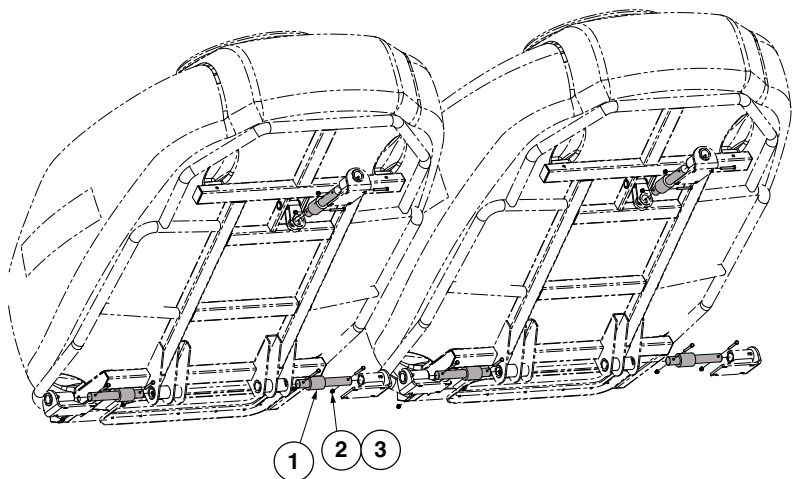
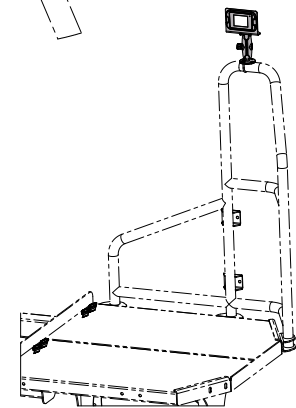
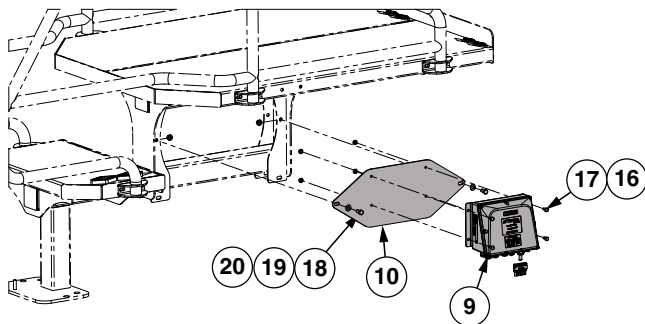
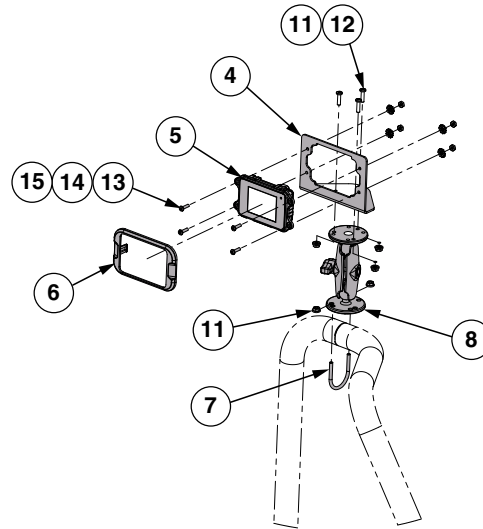
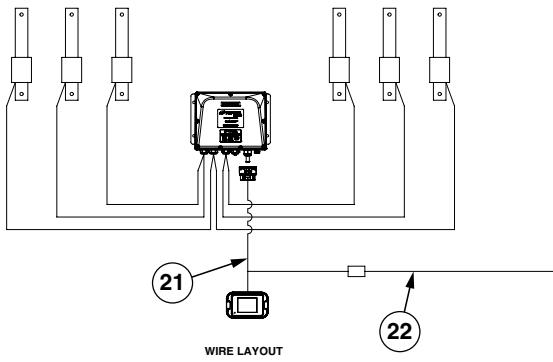
**This page left blank intentionally.**

(A27159)

**L.H. Shown**

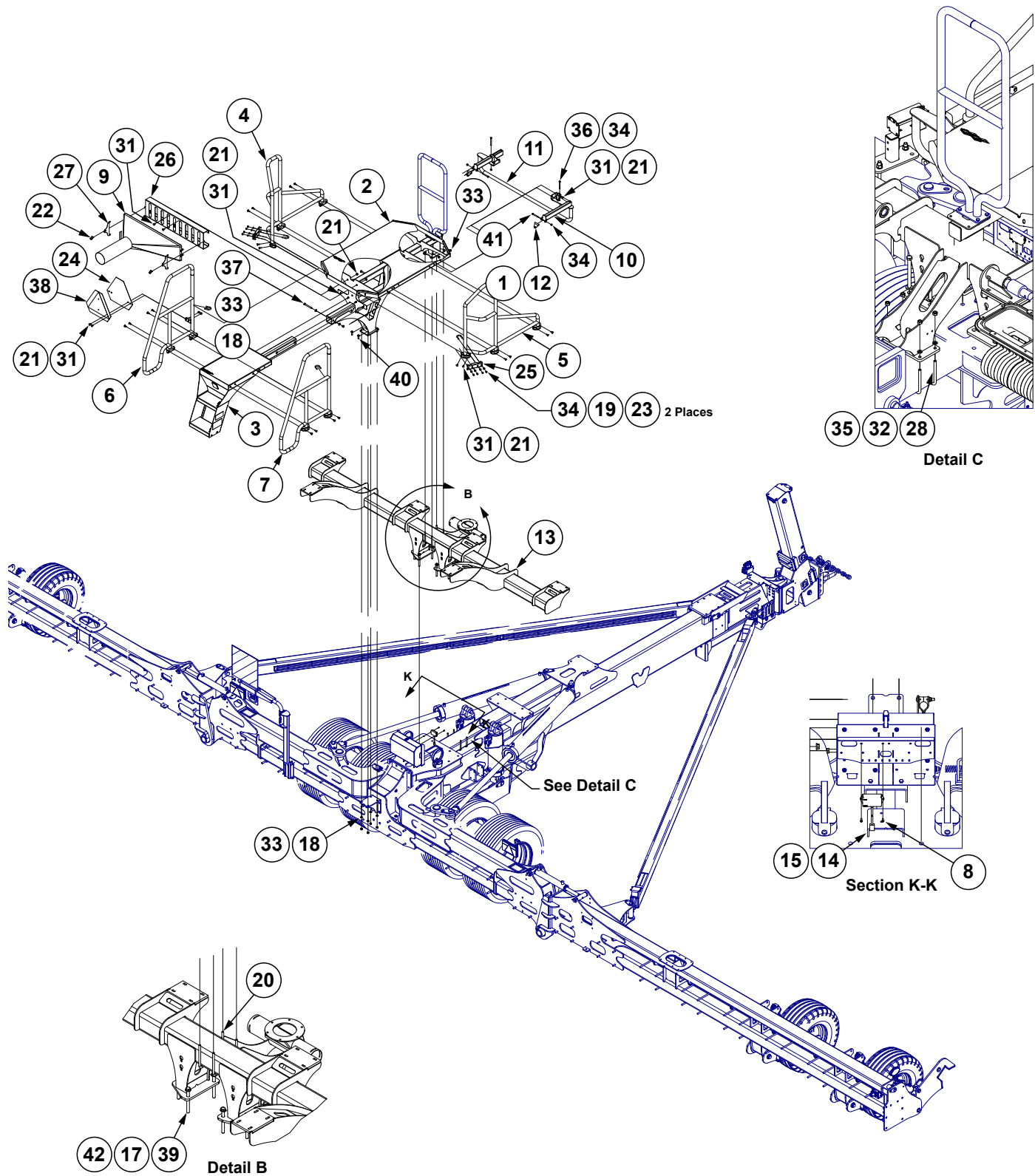
| ITEM | PART NO.  | QTY. | DESCRIPTION                                             |
|------|-----------|------|---------------------------------------------------------|
| 1    | GB1195    | 6    | Entrainer Section                                       |
| 2    | GB1197    | 5    | Entrainer Interior Wall                                 |
| 3    | GB1201    | 1    | Entrainer End Cap, L.H.                                 |
| 4    | GB1199    | 1    | Entrainer End Cap, L.H.                                 |
| 5    | GB1196    | 6    | Dual Entrainer Outlet, 1"                               |
| 6    | GB1204    | 4    | Entrainer Mount Adapter                                 |
| 7    | GA27156   | 1    | Entrainer Retainment Assembly, L.H.                     |
| 8    | GA27157   | 1    | Entrainer Retainment Assembly, R.H.                     |
| 9    | GD19864   | 6    | Eye Bolt, 1/4"-20 x 1.83 OAL                            |
| 10   | GD37049   | 15   | Hex Head Cap Screw, 1/4"-20 x 21.25", Grade 2           |
| 11   | G10110    | 15   | Hex Locknut, 1/4"-20                                    |
| 12   | GB0444    | 2    | Bulk Fill Shutoff Door Plug                             |
| 13   | G10301201 | 1    | Cleanout Door Gasket, 12 Section                        |
| 14   | GA26104   | 6    | Entrainer Door Assembly                                 |
| 15   | GB1203    | 6    | Entrainer Door Latch                                    |
| 16   | G11328    | 2    | Washer, 1/4"                                            |
| 17   | G10019303 | 1    | Entrainer Slide, 21.673                                 |
| 18   | G11339    | 1    | Lynch Pin, 3/16" x 1-1/4", W/Chain                      |
| 19   | G10017201 | 1    | Bulk Fill Chute Hanger                                  |
| 20   | G1007301  | 1    | Bulk Fill Chute Hanger                                  |
| 21   | GD21080   | 6    | Cam Nut, 1/4"-20                                        |
| 22   | GB0430    | -    | Bulk Fill Large Cap                                     |
| A    | GA27158   | -    | Bulk Fill Entrainer Assembly, R.H. (Items 1-21)         |
| B    | GA27159   | -    | Bulk Fill Entrainer Assembly, L.H. (Shown) (Items 1-21) |

(103251)



| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                                              |
|------|-----------|------|----------------------------------------------------------------------------------------------------------|
| 1    | GA14135   | 6    | Load Cell                                                                                                |
| 2    | G10325    | 12   | Hex Head Cap Screw, 3/8"-16 x 2 3/4"                                                                     |
| 3    | G10108    | 12   | Lock Nut, 3/8"-16                                                                                        |
| 4    | G10242601 | 1    | Display Mount Bracket                                                                                    |
| 5    | G10488902 | 1    | PHD28 Scale Display                                                                                      |
| 6    | G10267101 | 1    | Scale Display Bezel                                                                                      |
| 7    | GD20282   | 1    | U-Bolt, #10-32                                                                                           |
| 8    | GA12403   | 1    | Mounting Bracket Assembly, Includes: (2) Mounting Brackets, (2) Connector Halves, (1) Compression Spring |
| 9    | G10002701 | 1    | Scale CAN Module                                                                                         |
| 10   | GD26310   | 1    | Module Mounting Bracket                                                                                  |
| 11   | G11284    | 5    | Serrated Flange Nut, #10-32                                                                              |
| 12   | G11401    | 3    | Phillips Pan Head Machine Screw, #10-32 x 3/4"                                                           |
| 13   | G10251    | 4    | Hex Nut, No. 8-32                                                                                        |
| 14   | G11065    | 4    | Phillips Pan Head Machine Screw, No. 8-32 x 5/8", Stainless Steel                                        |
| 15   | G10931    | 4    | Lock Washer, No. 8, Internal/External, Stainless Steel                                                   |
| 16   | G10621    | 4    | Serrated Flange Nut, 1/4"-20                                                                             |
| 17   | G10020    | 4    | Sensor Bracket                                                                                           |
| 18   | G10002    | 2    | Hex Head Cap Screw, 3/8"-16 x 3/4"                                                                       |
| 19   | G11387    | 2    | Hardened Washer, 3/8" SAE                                                                                |
| 20   | G10622    | 2    | Serrated Flange Nut, 3/8"-16                                                                             |
| 21   | G10242801 | 1    | Bulk Fill Scale CAN Cable                                                                                |
| 22   | G10946702 | 1    | CAN Stub Harness                                                                                         |

(A24984)



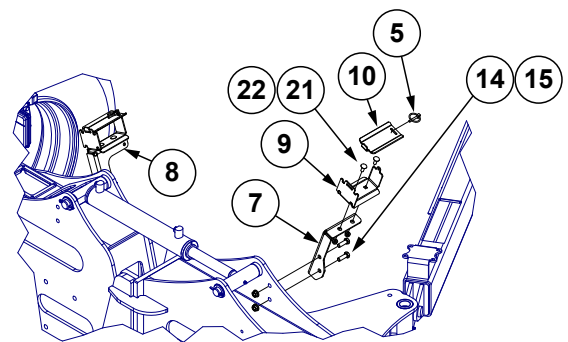
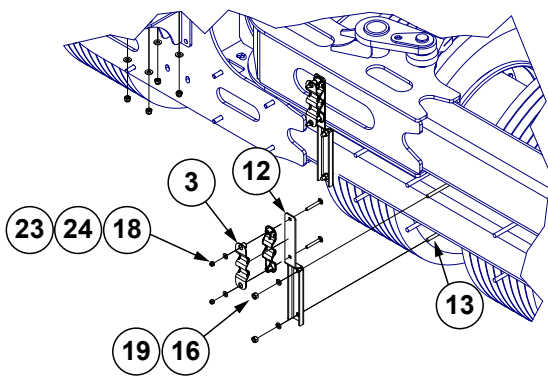
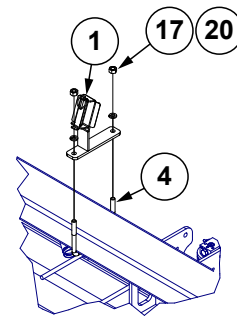
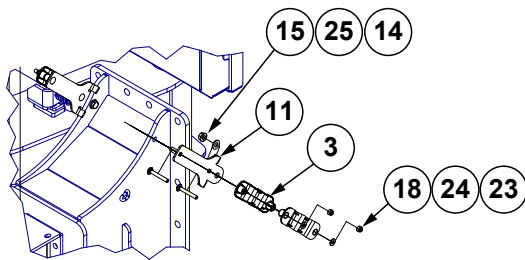
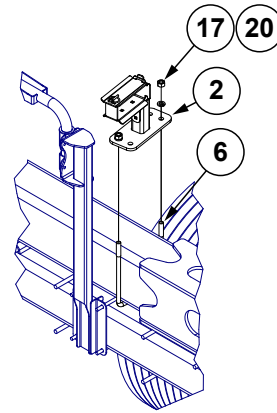
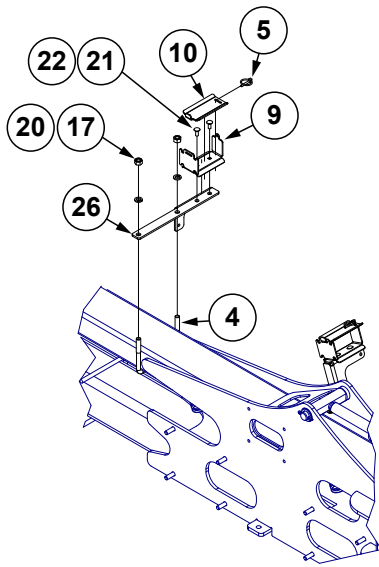
| ITEM | PART NO. | QTY. | DESCRIPTION                                                        |
|------|----------|------|--------------------------------------------------------------------|
| 1    | GA14152  | 2    | Hose Strap                                                         |
| 2    | GA24723  | 1    | Catwalk                                                            |
| 3    | GA24724  | 1    | Catwalk Ladder                                                     |
| 4    | GA24728  | 1    | Handrail, R.H.                                                     |
| 5    | GA24729  | 1    | Handrail, L.H.                                                     |
| 6    | GA24730  | 1    | Handrail                                                           |
| 7    | GA24731  | 1    | Handrail                                                           |
| 8    | G10977   | 2    | Phillips Pan Head Machine Screw, No. 10-24 x 1/2", Stainless Steel |
| 9    | GA14822  | 1    | Center Cleanout Chute                                              |
| 10   | GA24933  | 2    | Swing Arm                                                          |
| 11   | GA24934  | 1    | Hose Hanger                                                        |
| 12   | GA26179  | 2    | Strap Fix Bracket                                                  |
|      | GD11124  | 2    | Strap, Polyester, 1-3/4" x 84"                                     |
|      | GD36071  | 2    | Strap Fix Plate                                                    |
| 13   | ---      | -    | <a href="#">See "Bulk Fill System" on page P66</a>                 |
| 14   | GA14847  | 1    | Low Pressure Sensor (0-40 IN H <sub>2</sub> O)                     |
| 15   | GA12812  | 1    | Hall Effect Adapter                                                |
| 16   | ---      | -    | ---                                                                |
| 17   | G11391   | 8    | Flat Washer, 5/8" SAE                                              |
| 18   | G11389   | 14   | Flat Washer, 1/2" Plated SAE                                       |
| 19   | G11387   | 20   | Flat Washer, 3/8" SAE                                              |
| 20   | GD11721  | 2    | U-Bolt, 5" x 7" x 1/2"-13                                          |
| 21   | G11091   | 32   | Serrated Flange Nut, 3/8"-16                                       |
| 22   | GD2558   | 10   | Lynch Pin, 1/4"                                                    |
| 23   | GD27190  | 4    | U-Bolt, 1 1/2" x 3/8"-16                                           |
| 24   | G11391   | 8    | Flat Washer, 5/8" SAE                                              |
| 25   | GD34545  | 2    | Bracket                                                            |
| 26   | GD34701  | 1    | Cleanout Chute Tray                                                |
| 27   | GD34702  | 2    | Chute Tray End Plate                                               |
| 28   | GD34924  | 2    | U-Bolt, 8" x 5" x 1/2"-13                                          |
| 29   | ---      | -    | ---                                                                |
| 30   | ---      | -    | ---                                                                |
| 31   | G10305   | 46   | Carriage Bolt, 3/8"-16 x 1"                                        |
| 32   | G10228   | 4    | Lock Washer, 1/2"                                                  |
| 33   | G10111   | 10   | Lock Nut, 1/2"-13                                                  |
| 34   | G10108   | 24   | Lock Nut, 3/8"-16                                                  |
| 35   | G10102   | 12   | Hex Nut, 1/2"-13                                                   |
| 36   | G10063   | 2    | Hex Head Cap Screw, 3/8"-16 x 4"                                   |
| 37   | G10045   | 2    | Hex Head Cap Screw, 1/2"-13 x 4 1/2"                               |
| 38   | G11415   | 8    | Serrated Flange Nut, 5/8"-11                                       |
| 39   | G10012   | 8    | Hex Head Cap Screw, 5/8"-11 x 6 1/2"                               |
| 40   | G10017   | 14   | Hex Head Cap Screw, 1/2"-13 x 1 1/2"                               |
| 41   | G10809   | 2    | Hex Head Cap Screw, 3/8"-16 x 3 1/4"                               |
| 42   | G11415   | 8    | Serrated Flange Nut, 5/8"-11                                       |



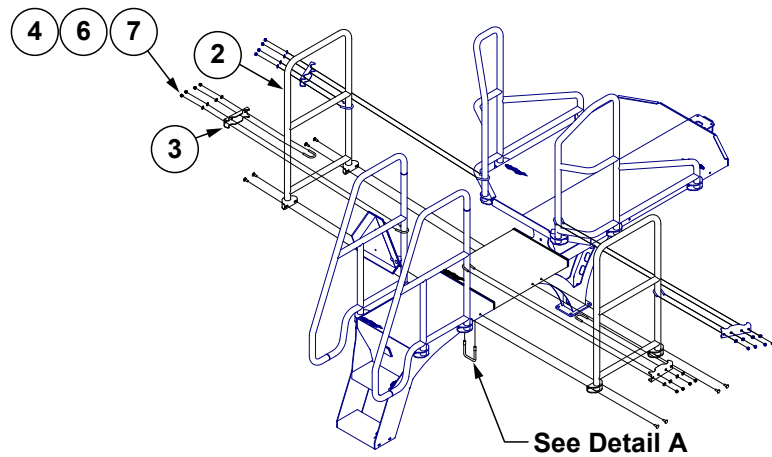
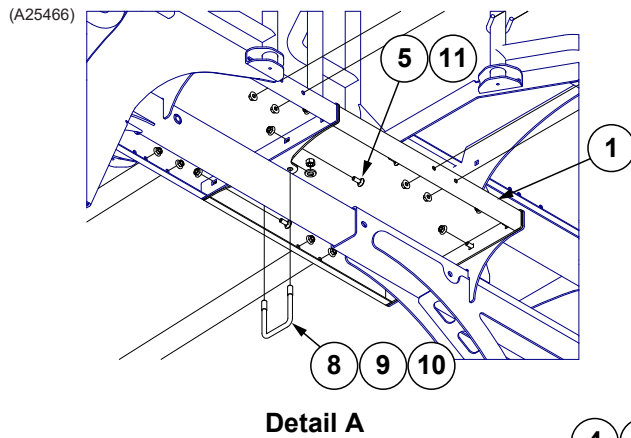


| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                           |
|------|-----------|------|---------------------------------------------------------------------------------------|
| 1    | ---       | -    | <a href="#">See "50 Bu. Bulk Fill System" on page P68</a>                             |
| 2    | GA24723   | 1    | Catwalk                                                                               |
| 3    | GA24724   | 1    | Catwalk Ladder                                                                        |
| 4    | GA24728   | 1    | Handrail, R.H.                                                                        |
| 5    | GA24729   | 1    | Handrail, L.H.                                                                        |
| 6    | GA24730   | 1    | Handrail                                                                              |
| 7    | GA24731   | 1    | Handrail                                                                              |
| 8    | GA26193   | 2    | Swing Arm                                                                             |
| 9    | G1049001  | 1    | Hose Hanger                                                                           |
| 10   | GA26179   | 2    | Strap Fix Bracket                                                                     |
| 11   | G10490401 | 2    | Bracket                                                                               |
| 14   | ---       | -    | <a href="#">See "Hydraulic Valve Block on Vacuum Motor (Blue Drive)" on page P220</a> |
| 17   | G10349601 | 1    | Air Pressure/Vacuum Sensor (-3.75 to 3.75 PSI)                                        |
| 18   | GA14152   | 2    | Seed Hose Strap                                                                       |
| 19   | GA14822   | 1    | Cleanout Chute                                                                        |
| 20   | G10428201 | 2    | Strap Fix Plate                                                                       |
| 21   | G10023601 | 1    | Elbow, 1/8" x 1/8" NPT, 90°                                                           |
| 23   | GD27204   | 1    | SMV Backer Plate                                                                      |
| 24   | GD28372   | 1    | 1/8" NPT Tee, Brass (Female/Male/Fem)                                                 |
| 25   | GD34545   | 2    | Bracket                                                                               |
| 26   | GD34701   | 1    | Cleanout Chute Tray                                                                   |
| 27   | GD34702   | 2    | Chute Tray End Plate                                                                  |
| 35   | GD11124   | 2    | Polyester Strap, 1-3/4" x 84"                                                         |
| 36   | G7100-36  | 1    | Decal, SMV                                                                            |
| 39   | D34924    | 2    | U-Bolt, 8" x 5" x 1/2"-13                                                             |
| 43   | GD27190   | 4    | U-Bolt, 1-1/2" x 3/8"-16                                                              |
| 44   | G10012    | 8    | Hex Head Cap Screw, 5/8"-11 x 6 1/2"                                                  |
| 45   | G10017    | 14   | Hex Head Cap Screw, 1/2"-13 x 1 1/2"                                                  |
| 46   | G10045    | 2    | Hex Head Cap Screw, 1/2"-13 x 4 1/2"                                                  |
| 47   | G10348    | 2    | Hex Head Cap Screw, 1/2"-13 x 5"                                                      |
| 48   | G10809    | 2    | Hex Head Cap Screw, 3/8"-16 x 3 1/4"                                                  |
| 49   | G11203    | 2    | Hex Head Cap Screw, 1/4"-20 x 4 1/2"                                                  |
| 50   | G10599    | 4    | Carriage Bolt, 3/8"-16 x 1 1/4"                                                       |
| 52   | G10305    | 45   | Carriage Bolt, 3/8"-16 x 1"                                                           |
| 54   | G10102    | 12   | Hex Nut, 1/2"-13                                                                      |
| 56   | G10621    | 2    | Serrated Flange Nut, 1/4"-20                                                          |
| 57   | G10622    | 16   | Serrated Flange Nut, 3/8"-16                                                          |
| 58   | G11415    | 8    | Serrated Flange Nut, 5/8"-11                                                          |
| 59   | G11091    | 33   | Serrated Flange Nut, 3/8"-16                                                          |
| 60   | G10111    | 12   | Lock Nut, 1/2"-13                                                                     |
| 61   | G10108    | 10   | Lock Nut, 3/8"-16                                                                     |
| 62   | G10228    | 12   | Lock Washer, 1/2"                                                                     |
| 64   | G11387    | 8    | Hardened Washer, 3/8" SAE                                                             |
| 65   | G11389    | 14   | Flat Washer, 1/2" Plated SAE                                                          |
| 66   | G11391    | 8    | Flat Washer, 5/8" SAE                                                                 |
| 67   | G10967401 | 1    | Bulk Fill Fan Switch                                                                  |
| 68   | G11009201 | 1    | Air Pressure Adapter Cable                                                            |

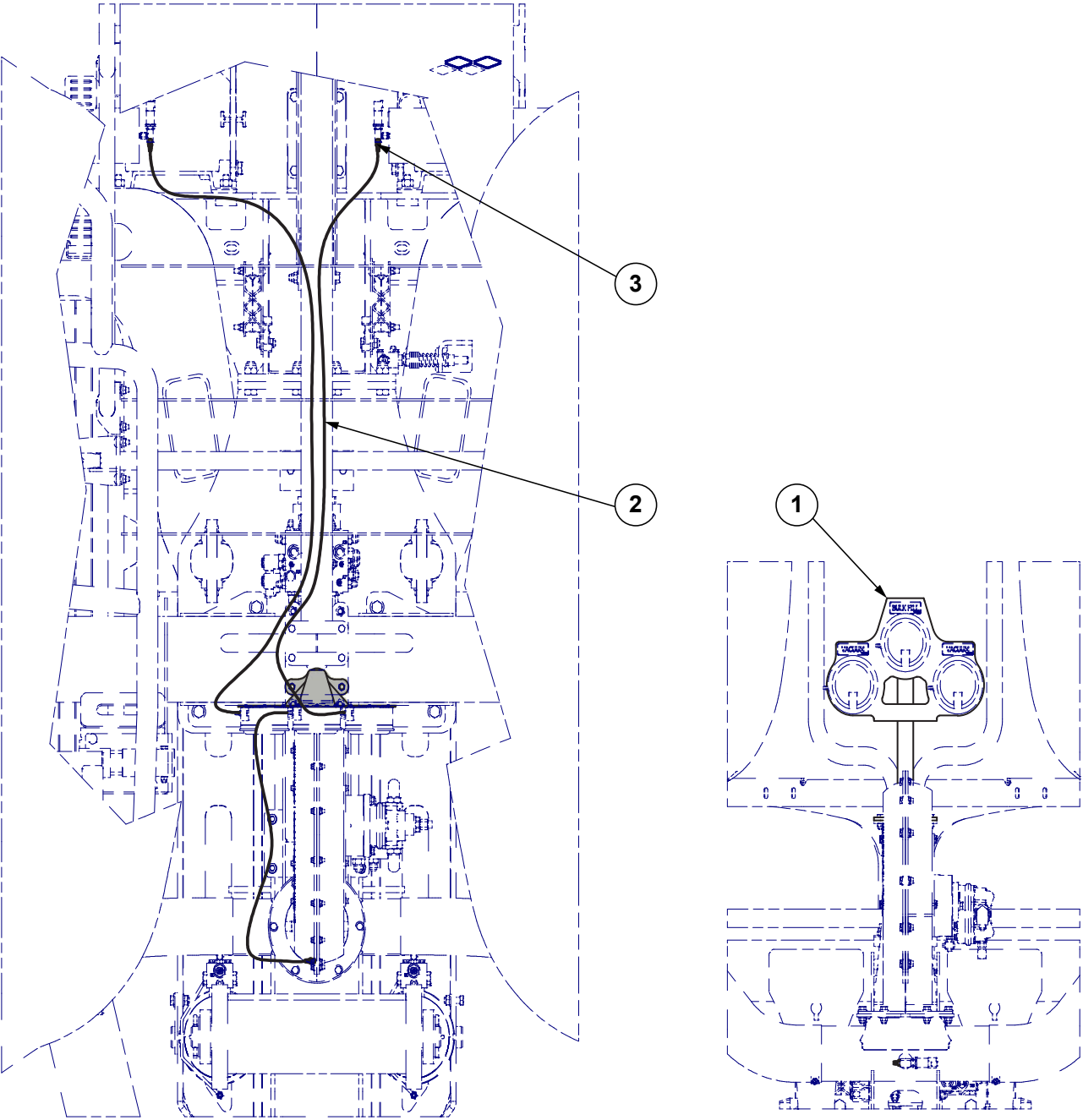
(A24984)



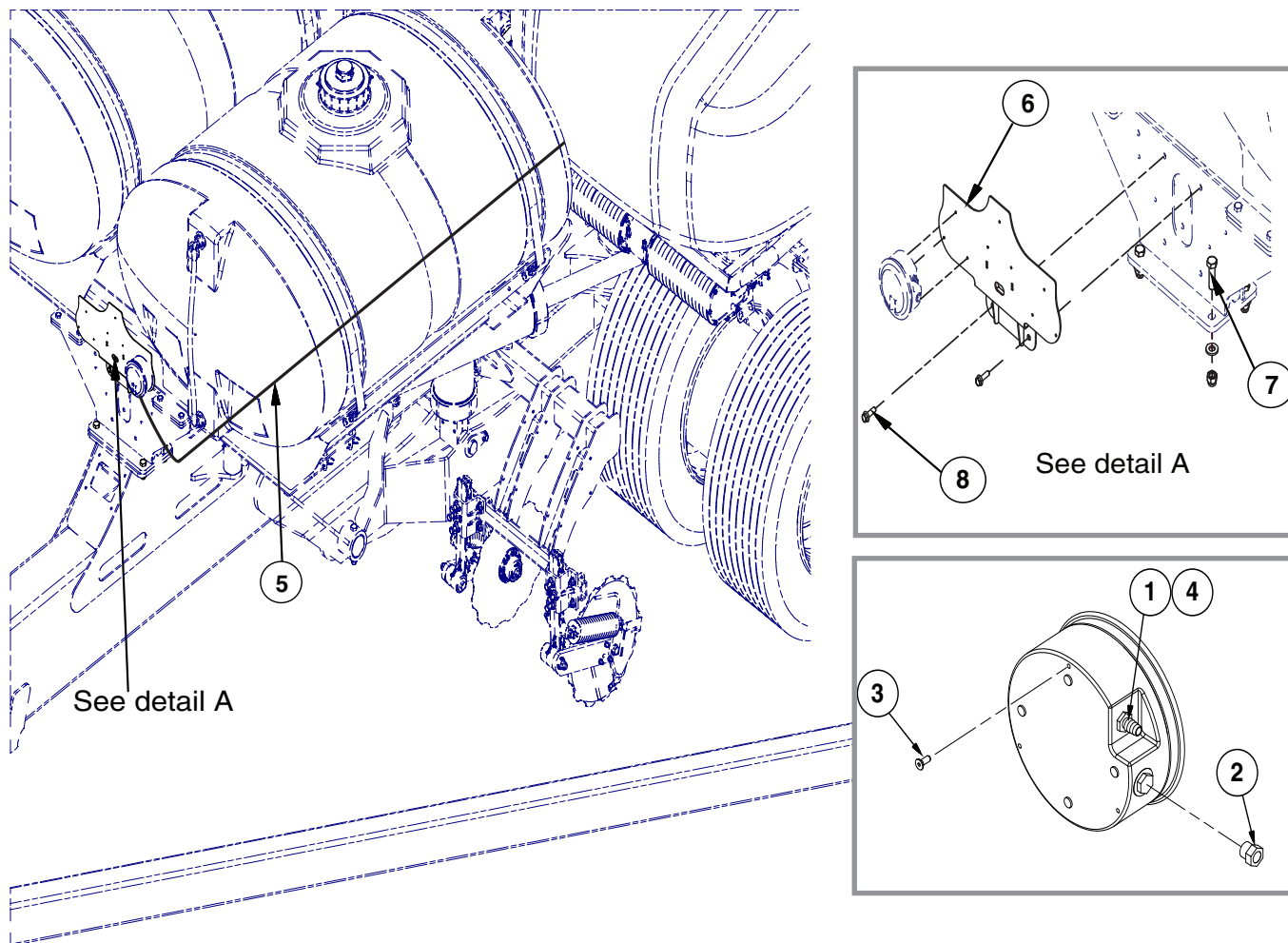
| ITEM | PART NO. | QTY. | DESCRIPTION                          |
|------|----------|------|--------------------------------------|
| 1    | GA24988  | 4    | Hose Bracket Assembly                |
| 2    | GA25005  | 2    | Bulk Fill Hose Holder Support        |
| 3    | GB0969   | 12   | 5 Position Wave Stacker              |
| 4    | GD16598  | 8    | U-Bolt, 4" x 7" x 5/8"-11            |
| 5    | GD2558   | 10   | Lynch Pin, 1/4"                      |
| 6    | GD34957  | 2    | U-Bolt, 7" x 10" x 5/8"-11           |
| 7    | GD34959  | 2    | Hose Support Bracket                 |
| 8    | GD34960  | 2    | Hose Support Bracket                 |
| 9    | GD34961  | 8    | Hose Support Bracket                 |
| 10   | GD34962  | 8    | Hose Clamp                           |
| 11   | GD35298  | 2    | Hose Support Bracket                 |
| 12   | GD35299  | 4    | Hose Support Bracket                 |
| 13   | GD7145   | 4    | U-Bolt, 7" x 7" x 1/2"-13            |
| 14   | G10017   | 14   | Hex Head Cap Screw, 1/2"-13 x 1 1/2" |
| 15   | G10071   | 10   | Serrated Flange Nut, 1/2"-13         |
| 16   | G10102   | 12   | Hex Nut, 1/2"-13                     |
| 17   | G10104   | 20   | Hex Nut, 5/8"-11                     |
| 18   | G10108   | 24   | Lock Nut, 3/8"-16                    |
| 19   | G10228   | 4    | Lock Washer, 1/2"                    |
| 20   | G10230   | 20   | Lock Washer, 5/8"                    |
| 21   | G10305   | 46   | Carriage Bolt, 3/8"-16 x 1"          |
| 22   | G10622   | 16   | Serrated Flange Nut, 3/8"-16         |
| 23   | G10898   | 12   | Carriage Bolt, 3/8"-16 x 2 3/4"      |
| 24   | G11387   | 20   | Flat Washer, 3/8" SAE                |
| 25   | G11389   | 14   | Flat Washer, 1/2" Plated SAE         |
| 26   | GD34963  | 4    | Hose Support                         |



| ITEM | PART NO. | QTY. | DESCRIPTION                |
|------|----------|------|----------------------------|
| 1    | GA24726  | 1    | Top Catwalk                |
| 2    | GA24732  | 2    | Handrail                   |
| 3    | GD34545  | 2    | Bracket                    |
| 4    | GD27190  | 4    | U-Bolt, 1½" x ⅜"-16        |
| 5    | G10305   | 16   | Carriage Bolt, ⅜"-16 x 1"  |
| 6    | G11387   | 8    | Flat Washer, ⅜" SAE        |
| 7    | G10108   | 8    | Lock Nut, ⅜"-16            |
| 8    | GD4743   | 1    | U-Bolt, 3" x 3" x ½"-13    |
| 9    | G10230   | 2    | Lock Washer, ⅜"            |
| 10   | G10102   | 2    | Hex Nut, ½"-13             |
| 11   | G11091   | 18   | Serrated Flange Nut, ⅜"-16 |



| ITEM | PART NO.   | QTY. | DESCRIPTION                             |
|------|------------|------|-----------------------------------------|
| 1    | GA25465    | 1    | Gauge Mount                             |
| 2    | GD15849-02 | 3    | Clear Plastic Tubing, 5/16" O.D. x 120" |
| 3    | GR1777     | 3    | Hose Barb, 1/8" Male NPT To 3/16" Barb  |

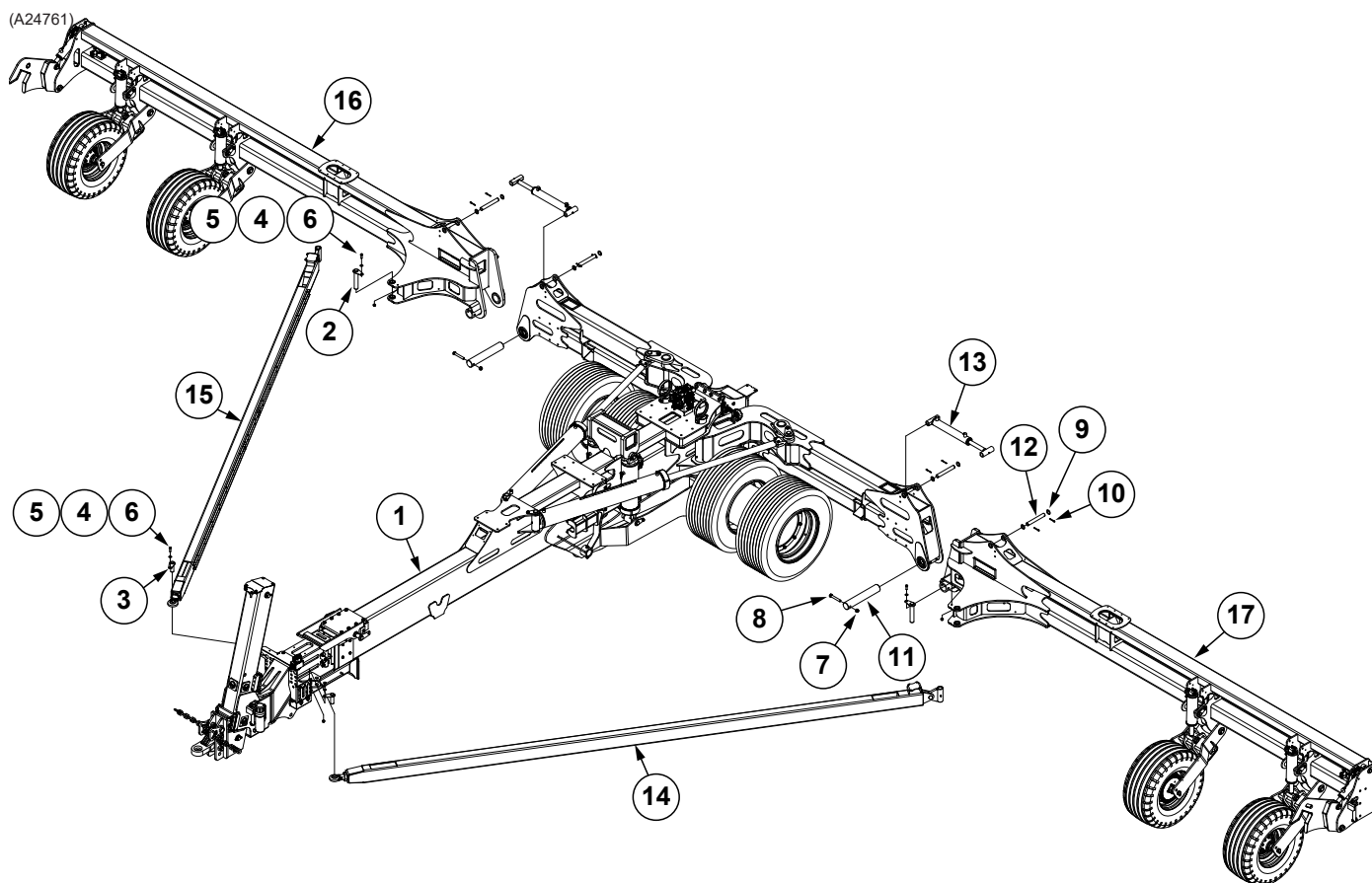


With Liquid Fertilizer Tank Installed

| ITEM | PART NO.   | QTY. | DESCRIPTION                                                                   |
|------|------------|------|-------------------------------------------------------------------------------|
| 1    | GA21406    | 1    | Analog Vacuum Gauge W/Hose Barb                                               |
|      | GR1777     | -    | Hose Barb, $\frac{3}{16}$ " x $\frac{1}{8}$ " NPT                             |
| 2    | GA10799    | 1    | Breather, $\frac{1}{8}$ " Male NPT                                            |
| 3    | G11215     | 3    | Hex Socket Head Cap Screw, No. 6-32 x $\frac{3}{8}$ ", Grade 8                |
| 4    | GD15849-04 | 1    | Clear Plastic Tubing, $\frac{5}{16}$ " O.D. x 144"                            |
| 5    | GD15849-02 | -    | Clear Plastic Tubing, $\frac{5}{16}$ " O.D. x 120"                            |
| 6    | GA25806    | 1    | Gauge Mount                                                                   |
| 7    | G11391     | 8    | Flat Washer, $\frac{5}{8}$ " SAE                                              |
|      | G10107     | 8    | Lock Nut, $\frac{5}{8}$ "-11                                                  |
|      | G10008     | 8    | Hex Head Cap Screw, $\frac{5}{8}$ "-11 x 2"                                   |
| 8    | G11204     | 2    | Hex Serrated Flange Cap Screw, $\frac{3}{8}$ "-16 x $1\frac{1}{4}$ ", Grade 5 |
|      | G10023     | 2    | Hex Head Cap Screw, $\frac{1}{4}$ "-20 x $\frac{3}{4}$ "                      |

**This page left blank intentionally.**





| ITEM | PART NO.   | QTY. | DESCRIPTION                                                    |
|------|------------|------|----------------------------------------------------------------|
| 1    | ---        | 1    | <a href="#">See "H-Frame, Hitch, and Axle" on page P97</a>     |
| 2    | GA17265    | 2    | Hammer Strap Pin                                               |
| 3    | GA25330    | 2    | Draft Link Front Pin                                           |
| 4    | G11389     | 4    | Flat Washer, 1/2" Plated SAE                                   |
| 5    | G10071     | 4    | Serrated Flange Nut, 1/2"-13                                   |
| 6    | G10017     | 4    | Hex Head Cap Screw, 1/2"-13 x 1 1/2"                           |
| 7    | G10112     | 2    | Lock Nut, 3/4"-10                                              |
| 8    | G10050     | 2    | Hex Head Cap Screw, 3/4"-10 x 5"                               |
| 9    | G10159     | 8    | Washer, 1 1/8", 10 Gauge (.1345")                              |
| 10   | G10460     | 8    | Cotter Pin, 1/4" x 2"                                          |
| 11   | GD34810-01 | 2    | Pin, 3" x 17.688"                                              |
| 12   | GD29104-12 | 4    | Pin, 1-1/4" x 9.38"                                            |
| 13   | GA24770    | 2    | <a href="#">See "Wing Down Pressure Cylinder" on page P142</a> |
| 14   | GA25227    | 1    | Draft Link, L.H.                                               |
| 15   | GA24691    | 1    | Draft Link, R.H.                                               |
| 16   | ---        | 1    | <a href="#">See "R.H. Wing" on page P100</a>                   |
| 17   | ---        | 1    | <a href="#">See "L.H. Wing" on page P102</a>                   |



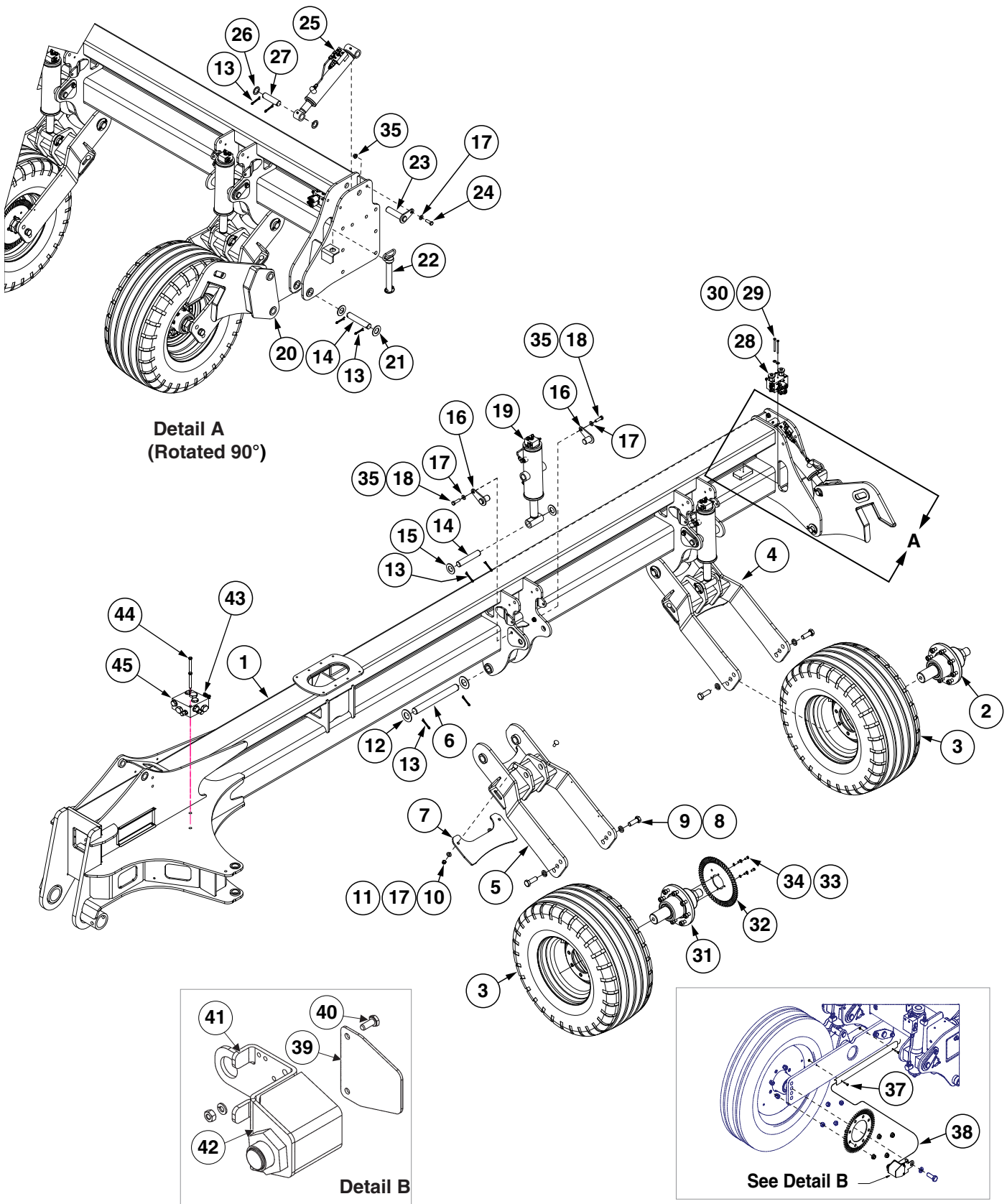
| ITEM | PART NO.    | QTY. | DESCRIPTION                                                 |
|------|-------------|------|-------------------------------------------------------------|
| 1    | ---         | -    | <a href="#">See "Hitch Assembly" on page P106</a>           |
| 2    | GA25115     | 1    | L.H. Stub Wing                                              |
| 3    | G10338201   | 1    | R.H. Stub Wing                                              |
| 4    | GA25116     | 1    | Center Frame                                                |
| 5    | G10058      | 2    | Hex Head Cap Screw, 3/4"-10 x 5 1/2"                        |
| 6    | G10112      | 16   | Lock Nut, 3/4"-10                                           |
| 7    | G10471      | 4    | Cotter Pin, 3/8" x 2 1/2"                                   |
| 8    | G11856      | 4    | Flat Washer, 1 3/4"                                         |
| 9    | ---         | -    | ---                                                         |
| 10   | G11389      | 4    | Flat Washer, 1/2" Plated SAE                                |
| 11   | G10071      | 4    | Serrated Flange Nut, 1/2"-13                                |
| 12   | G10017      | 4    | Hex Head Cap Screw, 1/2"-13 x 1 1/2"                        |
| 13   | GD34905     | 2    | Stub Wing Roller                                            |
| 14   | GD34906     | 2    | Roller Retainer                                             |
| 15   | GA27043     | 2    | <a href="#">See "Master Cylinder (Center)" on page P210</a> |
| 16   | GA24568     | 1    | <a href="#">See "Transport Axle W/Hubs" on page P110</a>    |
| 17   | G11071      | 14   | Hex Head Cap Screw, 3/4"-10 x 2 1/4"                        |
| 18   | G10046      | 2    | Hex Head Cap Screw, 5/8"-11 x 5"                            |
| 19   | G10107      | 2    | Lock Nut, 5/8"-11                                           |
| 20   | G10231      | 2    | Lock Washer, 3/4"                                           |
| 21   | ---         | -    | ---                                                         |
| 22   | G10424901   | 1    | Catwalk Mount                                               |
| 23   | G10230      | 6    | Lock Washer, 5/8"                                           |
| 24   | G10008      | 6    | Hex Head Cap Screw, 5/8"-11 x 2"                            |
| 25   | G10025      | 2    | Hex Head Cap Screw, 3/4"-10 x 1 1/2"                        |
| 26   | ---         | -    | ---                                                         |
| 27   | ---         | -    | ---                                                         |
| 28   | GA24783     | 2    | Hose Protector                                              |
| 29   | GA24769     | 2    | <a href="#">See "Fold Cylinder" on page P206</a>            |
| 30   | GA24909     | 4    | Fold Cylinder Mount Pin                                     |
| 31   | GA24910     | 2    | Fold Cylinder Clevis Pin                                    |
| 32   | G11392      | 4    | Flat Washer, 3/4" SAE                                       |
| 33   | GD34811-01  | 2    | Pin, 1 3/4" x 5 3/8"                                        |
| 34   | GD34810-02  | 2    | Pin, 3" x 27 1/2"                                           |
| 35   | GD34813-01  | 1    | Pin, 3" x 21 1/4"                                           |
| 36   | ---         | -    | ---                                                         |
| 37   | GA26016     | 2    | Cylinder Lockup                                             |
| 38   | GA8312      | 4    | Hitch Pin, 5/8" x 4-1/2" W/Lynch Pin                        |
|      | GD5625      | 1    | Lynch Pin, 3/16" (Included W/GA8312)                        |
| 39   | G11853      | 2    | Hex Flat Head Cap Screw, 3/4"-10 x 1/4"                     |
| 40   | G10136501   | 4    | Tire and Rim Assembly                                       |
|      | GA24575     | 1    | Rim, 22.5 x 14 (Included W/G10136501)                       |
|      | G10131701   | 1    | Tire, 445/50R22.5 (Included W/G10136501)                    |
|      | GA7434      | 1    | Valve Stem (Included W/G10136501)                           |
| 41   | GA24961     | 2    | Rim Spacer Assembly                                         |
|      | GR0528      | 20   | Stud, 5/8"-18 x 2 1/4", Grade 8 (Included W/GA24961)        |
|      | G10825001   | 20   | Lug Nut, 5/8"-18 (Included W/GA24961)                       |
|      | GA24573     | 1    | Rim Spacer (Included W/GA24961)                             |
| 42   | ---         | -    | ---                                                         |
| 43   | GA15784     | 1    | Interlock Valve                                             |
| 44   | G6802-06-06 | 1    | 45° Elbow, 9/16"-18 x 9/16"-18 W/O-Ring                     |
| 45   | G11385      | 2    | Flat Washer, 1/4" SAE                                       |

| ITEM | PART NO. | QTY. | DESCRIPTION                                        |
|------|----------|------|----------------------------------------------------|
| 46   | G10040   | 2    | Hex Head Cap Screw, 1/4"-20 x 1 3/4"               |
| 47   | GA23989  | 1    | Limit Valve Adjustment Plate                       |
| 48   | G11387   | 2    | Flat Washer, 3/8" SAE                              |
| 49   | G10229   | 2    | Lock Washer, 3/8"                                  |
| 50   | G10001   | 2    | Hex Head Cap Screw, 3/8"-16 x 1"                   |
| 51   | GD36504  | 1    | Position Switch Mount                              |
| 52   | GA18353  | 1    | Position Switch Magnetic Reed                      |
| 53   | G10252   | 2    | Hex Socket Head Cap Screw, 1/4"-20 x 7/8", Grade 8 |
| 54   | G11328   | 1    | Washer, 1/4"                                       |
| 55   | G10110   | 2    | Lock Nut, 1/4"-20, Grade B                         |
| 56   | G10018   | 2    | Hex Head Cap Screw, 5/16"-18 x 5/8"                |
| 57   | G10232   | 2    | Lock Washer, 5/16"                                 |
| 58   | G6801-06 | 1    | Elbow W/O-Ring, 90°, 9/16"-18 Male JIC To O-Ring   |
|      | GR1045   | -    | O-Ring                                             |



| ITEM | PART NO.   | QTY. | DESCRIPTION                                                             |
|------|------------|------|-------------------------------------------------------------------------|
| 1    | GA25530    | 1    | Wing, R.H. (Non-Stock Item)                                             |
| 2    | GA24686    | 2    | Wing Wheel Arm                                                          |
| 3    | GD29030-11 | 2    | Pin, 1½ O.D. x 13⅝"                                                     |
| 4    | GD34908    | 2    | Wheel Scraper                                                           |
| 5    | GA21048    | 2    | <a href="#">See "Hub and Spindle Assembly" on page P104</a>             |
| 6    | GA15226    | -    | Wheel, 12" x 16.5", 8 Bolt                                              |
|      | GD21686    | -    | Tire, 380/55R16.5                                                       |
|      | GD1166     | -    | Valve Stem                                                              |
|      | GA15227    | 2    | Tire & Rim Assembly                                                     |
| 7    | GD29104-06 | 3    | Pin, 1¼" x 6⅝"                                                          |
| 8    | G11397     | 4    | Flat Washer, 1½"                                                        |
| 9    | G10071     | 5    | Serrated Flange Nut, ½"-13                                              |
| 10   | G10330     | 4    | Lock Washer, ⅞"                                                         |
| 11   | G10636     | 4    | Carriage Bolt, ½"-13 x 1½"                                              |
| 12   | G11396     | 4    | Flat Washer, 1¼" SAE                                                    |
| 13   | G10448     | 4    | Hex Head Cap Screw, ⅞"-9 x 2½", Grade 8                                 |
| 14   | G10460     | 12   | Cotter Pin, ¼" x 2"                                                     |
| 15   | GA24911    | 4    | Wing Cylinder Trunnion Pin                                              |
| 16   | G11389     | 9    | Flat Washer, ½" Plated SAE                                              |
| 17   | G10039     | 4    | Hex Head Cap Screw, ½"-13 x 1¾"                                         |
| 18   | GA25221    | 2    | <a href="#">See "Wing Cylinder" on page P138</a>                        |
| 19   | GA24993    | 1    | Wing Latch, R.H.                                                        |
| 20   | G10159     | 2    | Washer, 1⅞", 10 Gauge (.1345")                                          |
| 21   | GD29104-07 | 1    | Pin, 1¼" x 4¾"                                                          |
| 22   | G10226     | 2    | Washer, 1¼" SAE                                                         |
| 23   | GA25055    | 1    | Hammer Strap Pin                                                        |
| 24   | G10017     | 1    | Hex Head Cap Screw, ½"-13 x 1½"                                         |
| 25   | GA24999    | 1    | <a href="#">See "Wing Latch Cylinder" on page P143</a>                  |
| 26   | ---        | 1    | <a href="#">See "Hydraulic Valve Block on Outer Wings" on page P147</a> |
| 27   | G10162     | 2    | Hex Head Cap Screw, ¼"-20 x 3¼"                                         |
| 28   | G10209     | 2    | Washer, ¼" USS                                                          |
| 29   | G10974     | 4    | Lock Nut W/Nylon Insert, ½"-13                                          |

(A25229)



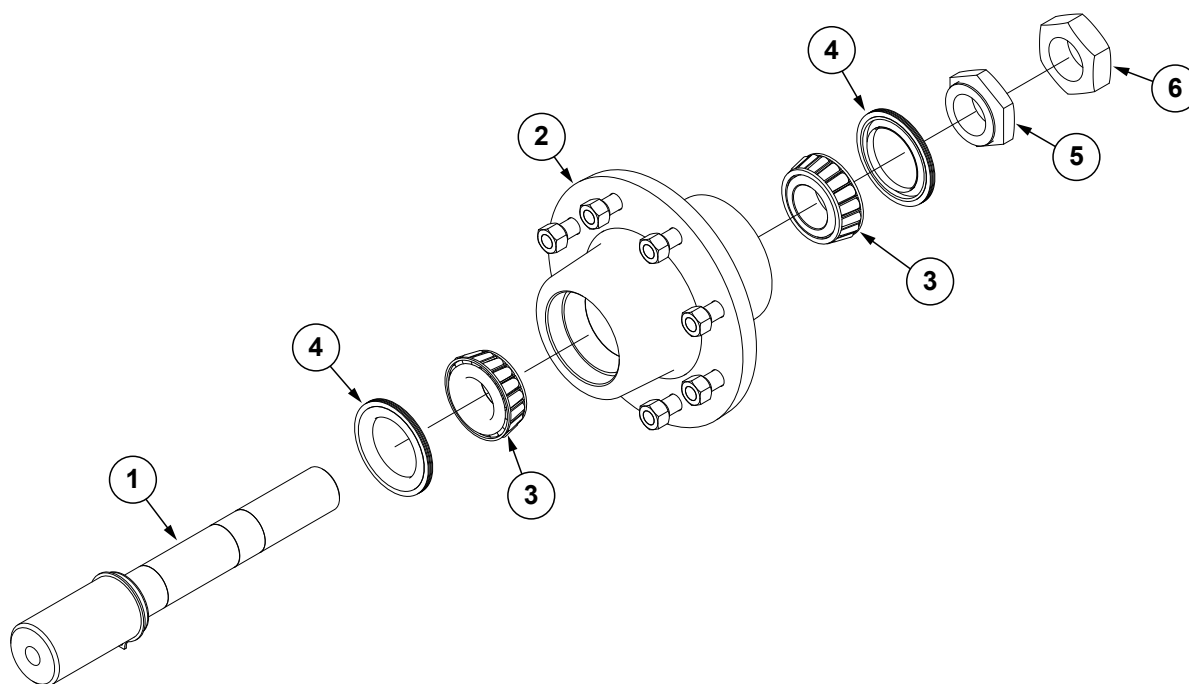


| ITEM | PART NO.   | QTY. | DESCRIPTION                                                                                                         |
|------|------------|------|---------------------------------------------------------------------------------------------------------------------|
| 1    | GA25531    | 1    | Wing, L.H. (Non-Stock Item)                                                                                         |
| 2    | GA21048    | 1    | <a href="#">See "Hub and Spindle Assembly" on page P104</a>                                                         |
| 3    | GA15226    | 2    | Wheel 12 x 16.5, 8 Bolt                                                                                             |
|      | GD21686    | 2    | Tire, 380/55R16.5                                                                                                   |
|      | GD1166     | 2    | Valve Stem                                                                                                          |
| 4    | GA24686    | 1    | Wing Wheel Arm                                                                                                      |
| 5    | GA24884    | 1    | Wing Wheel Arm                                                                                                      |
| 6    | GD29030-11 | 2    | Pin, 1½" O.D. x 13¾"                                                                                                |
| 7    | GD34908    | 2    | Wheel Scraper                                                                                                       |
| 8    | G10330     | 4    | Lock Washer, ⅞"                                                                                                     |
| 9    | G10448     | 4    | Hex Head Cap Screw, ⅞"-9 x 2½", Grade 8                                                                             |
| 10   | G10974     | 4    | Lock Nut W/Nylon Insert, ½"-13                                                                                      |
| 11   | G10636     | 4    | Carriage Bolt, ½"-13 x 1½"                                                                                          |
| 12   | G11397     | 4    | Flat Washer, 1½"                                                                                                    |
| 13   | G10460     | 12   | Cotter Pin, ¼" x 2"                                                                                                 |
| 14   | GD29104-06 | 3    | Pin, 1¼" x 6⅝"                                                                                                      |
| 15   | G11396     | 4    | Flat Washer, 1¼" SAE                                                                                                |
| 16   | GA24911    | 4    | Wing Cylinder Trunnion Pin                                                                                          |
| 17   | G11389     | 9    | Flat Washer, ½" Plated SAE                                                                                          |
| 18   | G10039     | 4    | Hex Head Cap Screw, ½"-13 x 1¾"                                                                                     |
| 19   | GA25221    | 2    | <a href="#">See "Wing Cylinder" on page P138</a>                                                                    |
| 20   | GA24994    | 1    | Wing Latch, L.H.                                                                                                    |
| 21   | G10226     | 2    | Washer, 1¼" SAE                                                                                                     |
| 22   | GA21628    | 1    | Safety Pin, 7-1/4"                                                                                                  |
| 23   | GA25055    | 1    | Hammer Strap Pin                                                                                                    |
| 24   | G10017     | 1    | Hex Head Cap Screw, ½"-13 x 1½"                                                                                     |
| 25   | GA24999    | 1    | <a href="#">See "Wing Latch Cylinder" on page P143</a>                                                              |
| 26   | G10159     | 2    | Washer, 1⅞", 10 Gauge (.1345")                                                                                      |
| 27   | GD29104-07 | 1    | Pin, 1¼" x 4¾"                                                                                                      |
| 28   | GA25233    | 1    | <a href="#">See "Hydraulic Valve Block on Outer Wings" on page P147</a>                                             |
| 29   | G10162     | 2    | Hex Head Cap Screw, ¼"-20 x 3¼"                                                                                     |
| 30   | G10209     | 2    | Washer, ¼" USS                                                                                                      |
| 31   | GA24922    | 1    | <a href="#">See "Hub and Spindle Assembly" on page P104</a>                                                         |
| 32   | GD34920    | 1    | Jump Start Wheel                                                                                                    |
| 33   | G10232     | 4    | Lock Washer, 5/16"                                                                                                  |
| 34   | G10043     | 4    | Hex Head Cap Screw, 5/16"-18 x ¾"                                                                                   |
| 35   | G10071     | 5    | Serrated Flange Nut, ½"-13                                                                                          |
| 37   | G10857     | 2    | Hex Head Cap Screw, ¼"-20 x 1¼"                                                                                     |
|      | G10621     | 2    | Serrated Flange Nut, ¼"-20                                                                                          |
| 38   | GA19393    | 1    | Jump Start Cable                                                                                                    |
| 39   | GD18646    | 1    | Sensor Bracket Cover                                                                                                |
| 40   | G10020     | 2    | Hex Head Cap Screw, ¼"-20 x 5/8"                                                                                    |
|      | G10227     | 2    | Lock Washer, ¼"                                                                                                     |
|      | G10103     | 2    | Hex Nut, ¼"-20                                                                                                      |
| 41   | GA19335    | 1    | Sensor Bracket                                                                                                      |
| 42   | GA13204    | 1    | Hall Effect Sensor                                                                                                  |
| 43   | G10681     | 1    | Hose Clamp, No. 6                                                                                                   |
|      | GD6279-03  | 1    | Clear PVC Tubing, ⅜/8" x 28" (**Hose not stocked by Kinze repair parts, but is available in bulk. Order GD6279-00.) |
| 44   | G10061     | 1    | Hex Head Cap Screw, 3/8"-16 x 3-1/2"                                                                                |
|      | G10108     | 1    | Lock Nut, 3/8"-16                                                                                                   |
| 45   | G10246901  | 1    | Case Drain Junction Block                                                                                           |
|      | *A25691-23 | 1    | Hose Assembly, 3/8" AR x 23" (06F-06F)                                                                              |

\*Hydraulic Hose not stocked by Kinze Repair Parts.



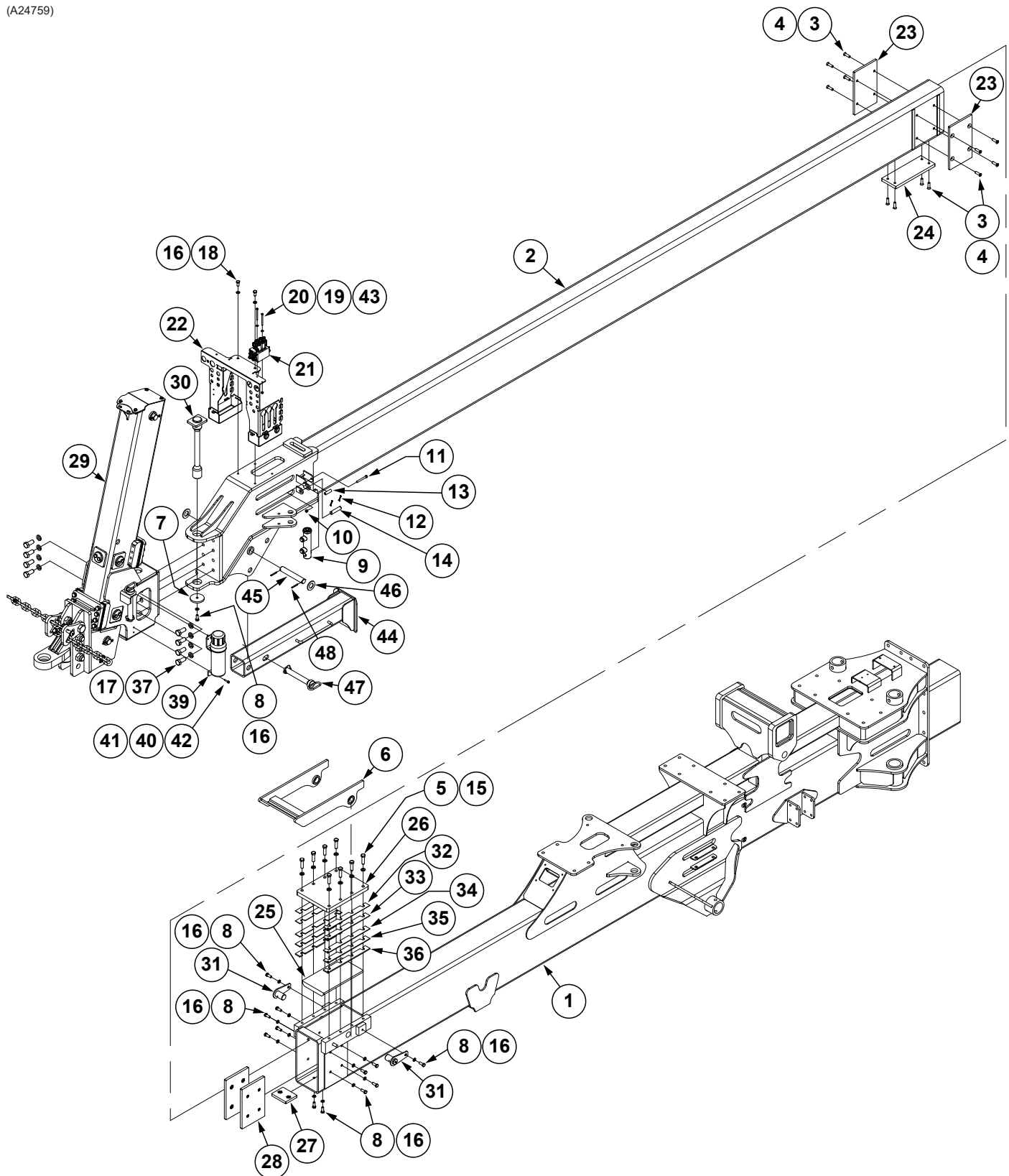
(A21048)



| ITEM | PART NO.          | QTY. | DESCRIPTION                                                                   |
|------|-------------------|------|-------------------------------------------------------------------------------|
| 1    | GA21047<br>G10913 | 1    | Spindle W/Retaining Ring<br>External Retaining Ring, 2½" (Included W/GA21047) |
| 2    | GD7571            | 1    | 8 Bolt Hub, R.H. Wing (Included W/GA21048)                                    |
|      | GD34812           | 1    | 8 Bolt Hub W/Jump Start, L.H. Wing (Included W/GA24922)                       |
|      | GD7079            | -    | Cup (Included W/GA21048 and GA24922)                                          |
|      | GR0528            | -    | Stud, ⅝"-18 x 2¼", Grade 8 (Included W/GA21048 and GA24922)                   |
|      | GR1912            | -    | Lug Nut, ⅝"-18, Grade 5 (Included W/GA21048 and GA24922)                      |
| 3    | GA4723            | 2    | Bearing                                                                       |
| 4    | GA4722            | 2    | Seal                                                                          |
| 5    | GD7089            | 1    | Special Nut, 1¾"-12 UNF                                                       |
| 6    | GD7864            | 1    | Special Hex Nut, 1¾"-12 UNF                                                   |
| A    | GA21048           | -    | Hub and Spindle Assembly, R.H. Wing (Items 1-6)                               |
| B    | GA24922           | -    | Hub and Spindle Assembly, L.H. Wing (Items 1-6)                               |

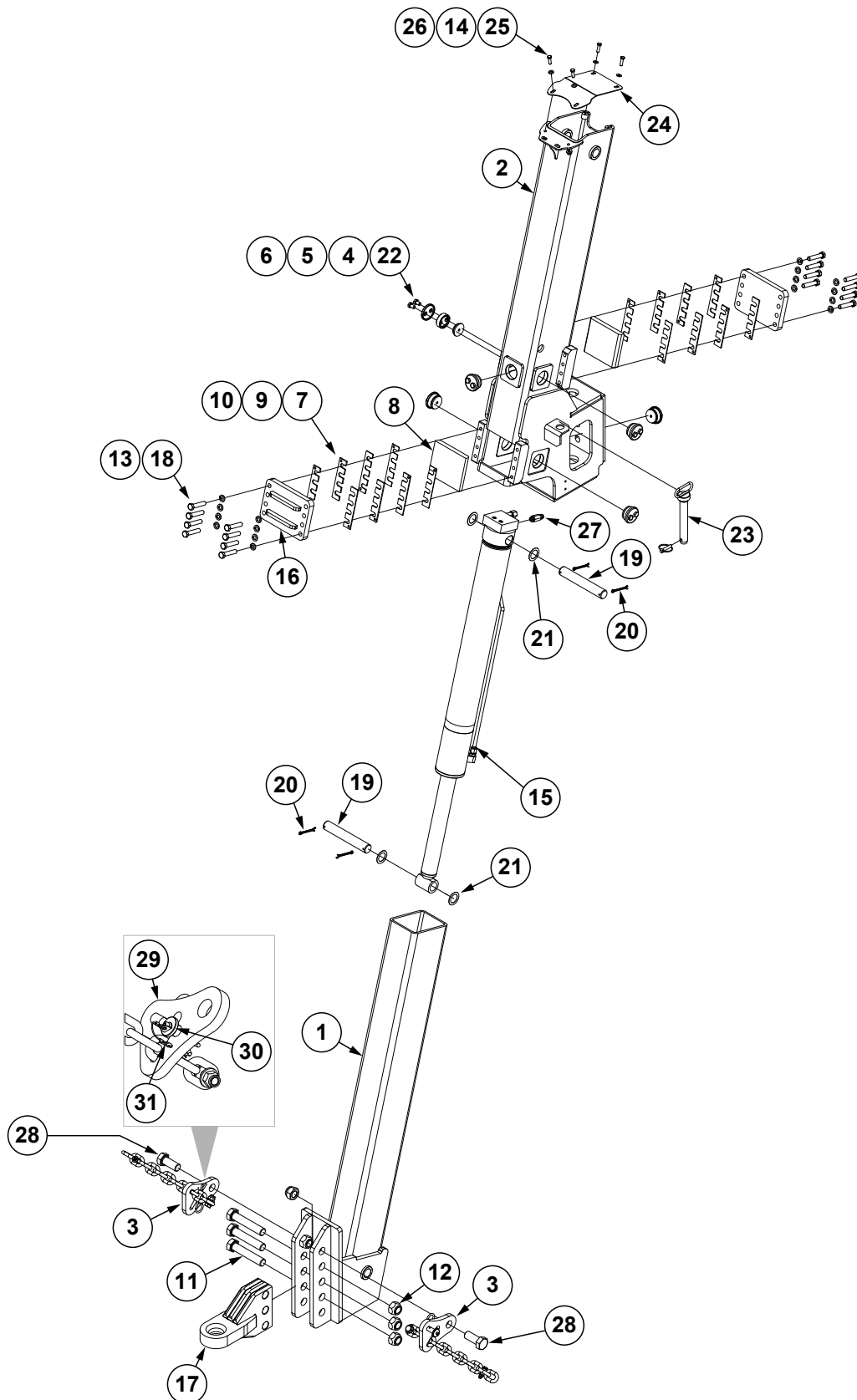
**This page left blank intentionally.**

(A24759)



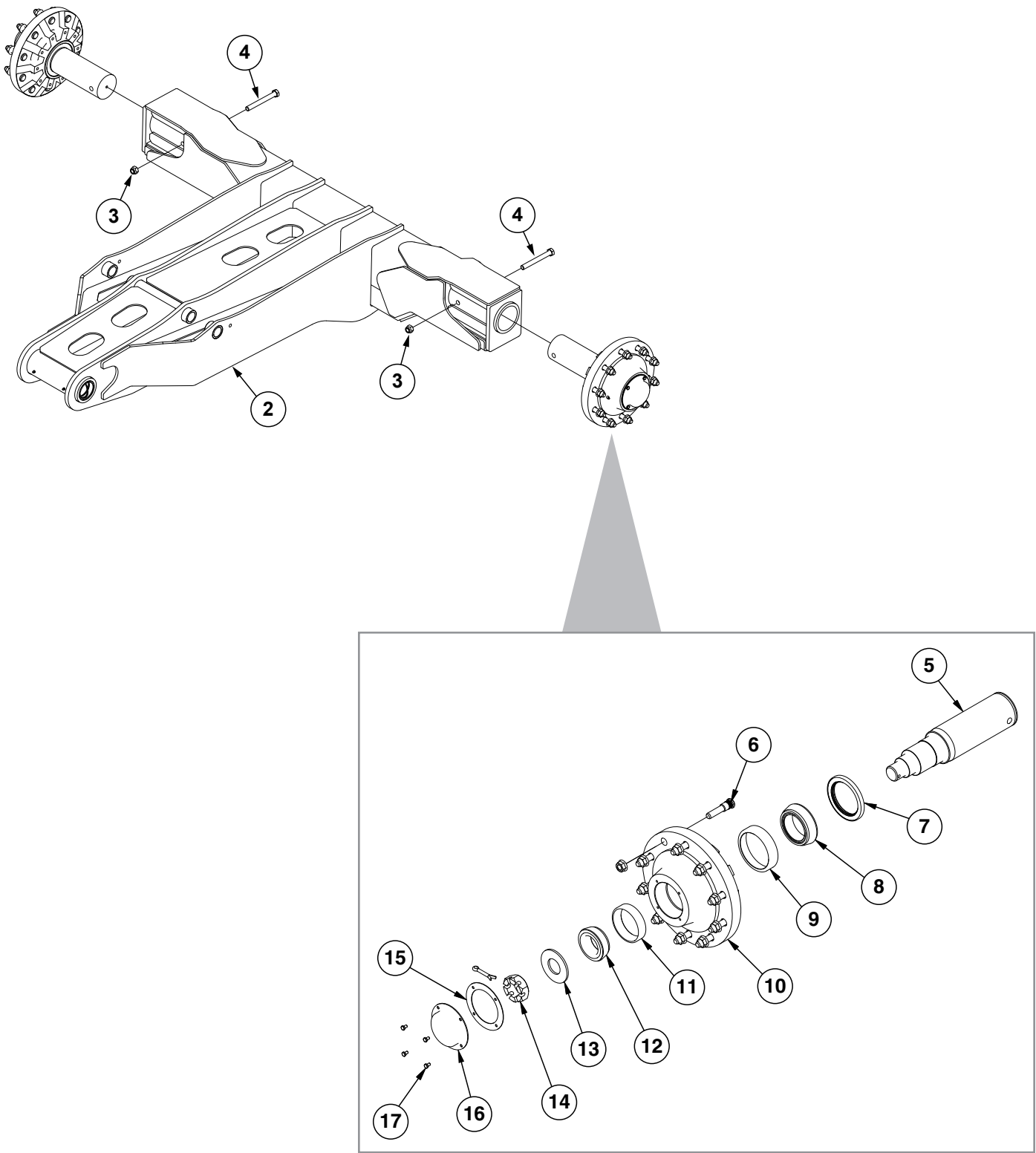
| ITEM | PART NO.   | QTY. | DESCRIPTION                                                             |
|------|------------|------|-------------------------------------------------------------------------|
| 1    | GA24632    | 1    | Outer Hitch, 56'                                                        |
| 2    | GA24633    | 1    | Inner Hitch                                                             |
| 3    | G11534     | 12   | Hex Flat Head Counter Sunk, ½"-13 x 1¼"                                 |
| 4    | G10111     | 12   | Lock Nut, ½"-13                                                         |
| 5    | G10006     | 8    | Hex Head Cap Screw, ⅝"-11 x 2¼"                                         |
| 6    | GA24709    | 1    | Hitch Latch                                                             |
| 7    | GD25785    | 1    | Washer Cap                                                              |
| 8    | G10037     | 13   | Hex Head Cap Screw, ½"-13 x 1¼"                                         |
| 9    | GA9205     | 1    | <a href="#">See "Tongue Lock Cylinder" on page P137</a>                 |
| 10   | G10108     | 1    | Lock Nut, ⅜"-16                                                         |
| 11   | G10809     | 1    | Hex Head Cap Screw, ⅜"-16 x 3¼"                                         |
| 12   | G10457     | 2    | Cotter Pin, ⅝ <sub>32</sub> " x 1½"                                     |
| 13   | GD2971-09  | 1    | Sleeve, 2" Long                                                         |
| 14   | GD7137     | 1    | Pin, ¾" x 3⅜"                                                           |
| 15   | G10230     | 8    | Lock Washer, ⅝"                                                         |
| 16   | G10228     | 15   | Lock Washer, ½"                                                         |
| 17   | G10330     | 8    | Lock Washer, ⅞"                                                         |
| 18   | G10014     | 2    | Hex Head Cap Screw, ½"-13 x 1"                                          |
| 19   | G10621     | 2    | Serrated Flange Nut, ¼"-20                                              |
| 20   | G10162     | 2    | Hex Head Cap Screw, ¼"-20 x 3¼"                                         |
| 21   | ---        | 1    | <a href="#">See "Hydraulic Valve Block on Front Hitch" on page P146</a> |
| 22   | GA24324    | 1    | Front Bulkhead                                                          |
| 23   | GD34709    | 2    | Rear Wear Pad                                                           |
| 24   | GD34710    | 1    | Rear Bottom Wear Pad                                                    |
| 25   | GD34711    | 1    | Front Top Wear Pad                                                      |
| 26   | GD34712    | 1    | Front Top Cover Plate                                                   |
| 27   | GA24970    | 1    | Outer Hitch Top Wear Pad                                                |
| 28   | GA25967    | 2    | Front Wear Pad                                                          |
| 29   | GA24805    | 1    | <a href="#">See "Drawbar Hitch" on page P108</a>                        |
| 30   | GA25274    | 1    | Hitch Pin                                                               |
| 31   | GA24913    | 2    | Hitch Lock Pin                                                          |
| 32   | GD34713-01 | 6    | Front Top Cover Plate Shim, 14 Gauge (.0747")                           |
| 33   | GD34713-02 | 6    | Front Top Cover Plate Shim, 12 Gauge (.1046")                           |
| 34   | GD34713-03 | 4    | Front Top Cover Plate Shim, 10 Gauge (.1345")                           |
| 35   | GD34713-04 | 4    | Front Top Cover Plate Shim, 7 Gauge (.1793")                            |
| 36   | GD34713-05 | 4    | Front Top Cover Plate Shim, ¼"                                          |
| 37   | G11662     | 8    | Hex Head Cap Screw, ⅞"-9 x 2", Grade 8                                  |
| 38   | ---        | -    | ---                                                                     |
| 39   | GA15422    | 1    | Operator's Manual Canister                                              |
| 40   | G11320     | 2    | Lock Nut, ¼"-20, Grade B                                                |
| 41   | G10209     | 2    | Washer, ¼" USS                                                          |
| 42   | G11337     | 2    | Hex Serrated Flange Cap Screw, ¼"-20 x 1¼"                              |
| 43   | G10211     | 2    | Washer, ¼" SAE                                                          |
| 44   | GA25303    | 1    | Jack Stand                                                              |
| 45   | GD29104-14 | 1    | Pin, 1¼" x 8"                                                           |
| 46   | G10226     | 2    | Washer, 1¼" SAE                                                         |
| 47   | GA21628    | 1    | Safety Pin, 7¼"                                                         |
| 48   | G10606     | 2    | Spring Pin, ¼" x 2"                                                     |

(A24805)



| ITEM | PART NO.             | QTY.   | DESCRIPTION                                                 |
|------|----------------------|--------|-------------------------------------------------------------|
| 1    | GA24808              | 1      | Inner Drawbar                                               |
| 2    | GA24806              | 1      | Outer Drawbar                                               |
| 3    | G9948X               | 2      | Safety Chain Package                                        |
| 4    | GB0230               | 6      | Cap                                                         |
| 5    | GB0234               | 6      | Adjustment Plug                                             |
| 6    | GD34081              | 6      | Wear Pad                                                    |
| 7    | GD30684              | 4      | Shim, 7 Gauge (.1793")                                      |
| 8    | GD30683              | 2      | Wear Pad                                                    |
| 9    | GD30685              | 8      | Shim, 10 Gauge (.1345")                                     |
| 10   | GD30686              | 4      | Shim, 14 Gauge (.0747")                                     |
| 11   | G10042               | 3      | Hex Head Cap Screw, 1¼"-7 x 6½"                             |
| 12   | G10157               | 3      | Lock Nut, 1¼"-7                                             |
| 13   | G10230               | 16     | Lock Washer, ⅝"                                             |
| 14   | G11387               | 4      | Hardened Washer, ⅜" SAE                                     |
| 15   | GA24861              | 1      | <a href="#">See "Drawbar Hitch Cylinder" on page P135</a>   |
| 16   | GA21598              | 2      | Wear Support                                                |
| 17   | GA21599              | 1      | Clevis                                                      |
| 18   | G10010               | 16     | Hex Head Cap Screw, ⅝"-11 x 3"                              |
| 19   | GD9464-03            | 2      | Pin, 1½" x 9½"                                              |
| 20   | G10362               | 4      | Cotter Pin, ¼" x 3"                                         |
| 21   | G10450               | 4      | Washer, 2¼", 18 Gauge (.0478")                              |
| 22   | G10438               | 12     | Hex Head Cap Screw, ½"-13 x ¾"                              |
| 23   | GA21628              | 1      | Safety Pin, 7¼"                                             |
| 24   | GD34685              | 1      | Drawbar Top Cover Plate                                     |
| 25   | G10004               | 4      | Hex Head Cap Screw, ⅝"-16 x 1¼"                             |
| 26   | G11091               | 2      | Serrated Flange Nut, ⅝"-16                                  |
| 27   | G6400-L-08<br>GR1037 | 1<br>- | Long Connector W/O-Ring, ¾"-16 Male JIC To O-Ring<br>O-Ring |
| 28   | G11058               | -      | Hex Head Cap Screw, 1 1/4"-7 x 3"                           |
| 29   | GD35127              | 1      | Single Chain Latch (Included W/G9948X)                      |
| 30   | GD35340              | 1      | Chain Latch Pin (Included W/G9948X)                         |
| 31   | GD35339              | 1      | Looped Tether W/Tabs and Cotter Pin (Included W/G9948X)     |

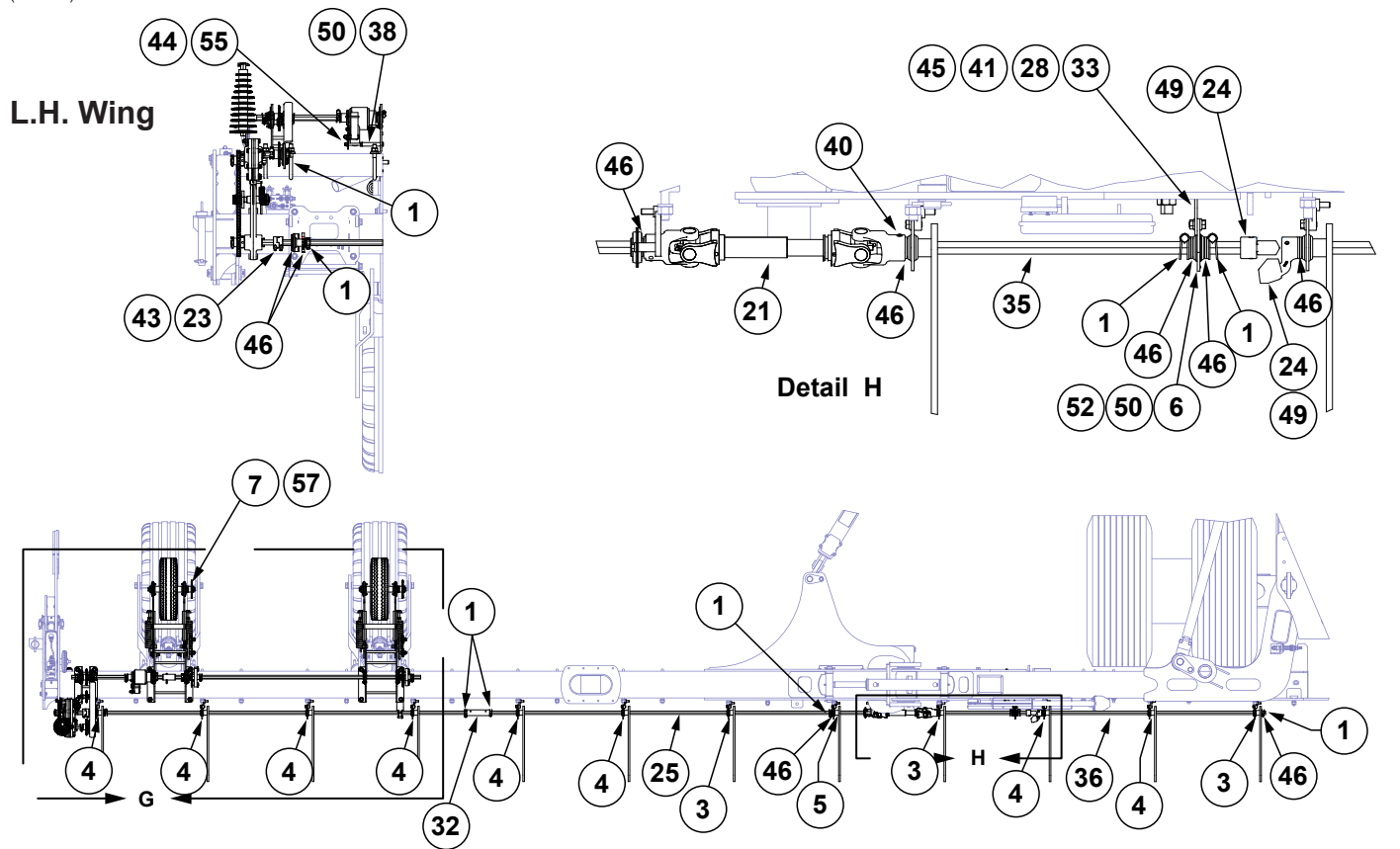
(A24568)



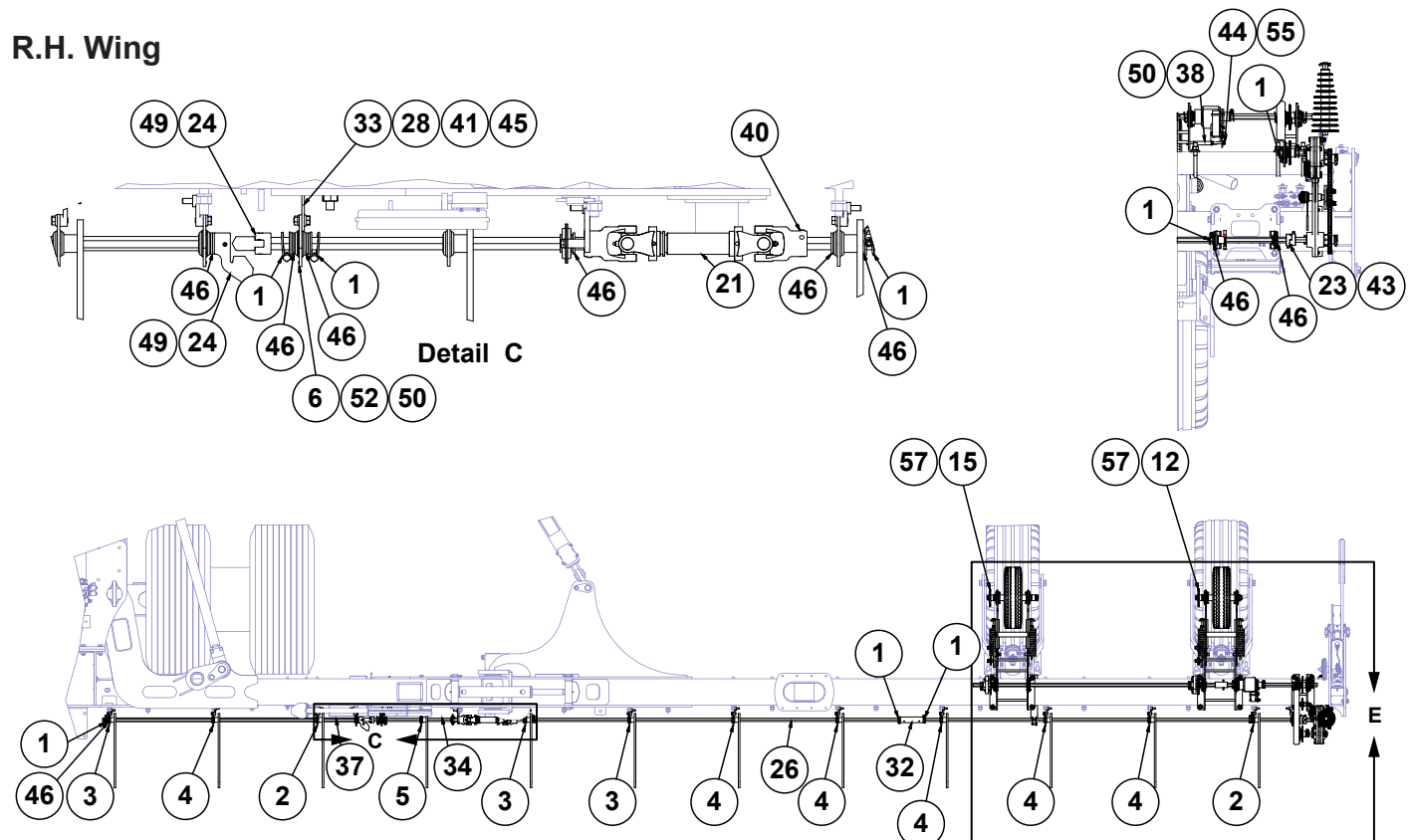
| ITEM | PART NO. | QTY. | DESCRIPTION                           |
|------|----------|------|---------------------------------------|
| 1    | ---      | -    | ---                                   |
| 2    | GA24569  | 1    | Transport Axle (Non-Stock Item)       |
| 3    | G10112   | 2    | Lock Nut, ¾"-10                       |
| 4    | G10400   | 2    | Hex Head Cap Screw, ¾"-10 x 6½"       |
| 5    | GD13740  | 1    | Spindle, 4½"                          |
| 6    | GR1681   | 10   | Bolt, ¾"-16 x 3⅞"                     |
|      | G10625   | 10   | Flange Nut, ¾"-16                     |
| 7    | GA0532   | 1    | Seal                                  |
| 8    | GA0531   | 1    | Inner Bearing                         |
| 9    | GR0191   | 1    | Inner Cup                             |
| 10   | GB0320   | 1    | Hub, 10 Holes                         |
| 11   | GR0192   | 1    | Outer Cup                             |
| 12   | GA0530   | 1    | Outer Bearing                         |
| 13   | G11398   | 1    | Flat Washer, 2" SAE                   |
| 14   | G10726   | 1    | Slotted Hex Nut, 2"-12                |
|      | G10471   | 1    | Cotter Pin, ⅜" x 2½"                  |
| 15   | GD1359   | 1    | Seal                                  |
| 16   | GD1360   | 1    | Dust Cap                              |
| 17   | G10054   | 4    | Hex Head Cap Screw, ⅝"-18 x ½"        |
| A    | GA9315   | 2    | Hub And Spindle Assembly (Items 5-17) |

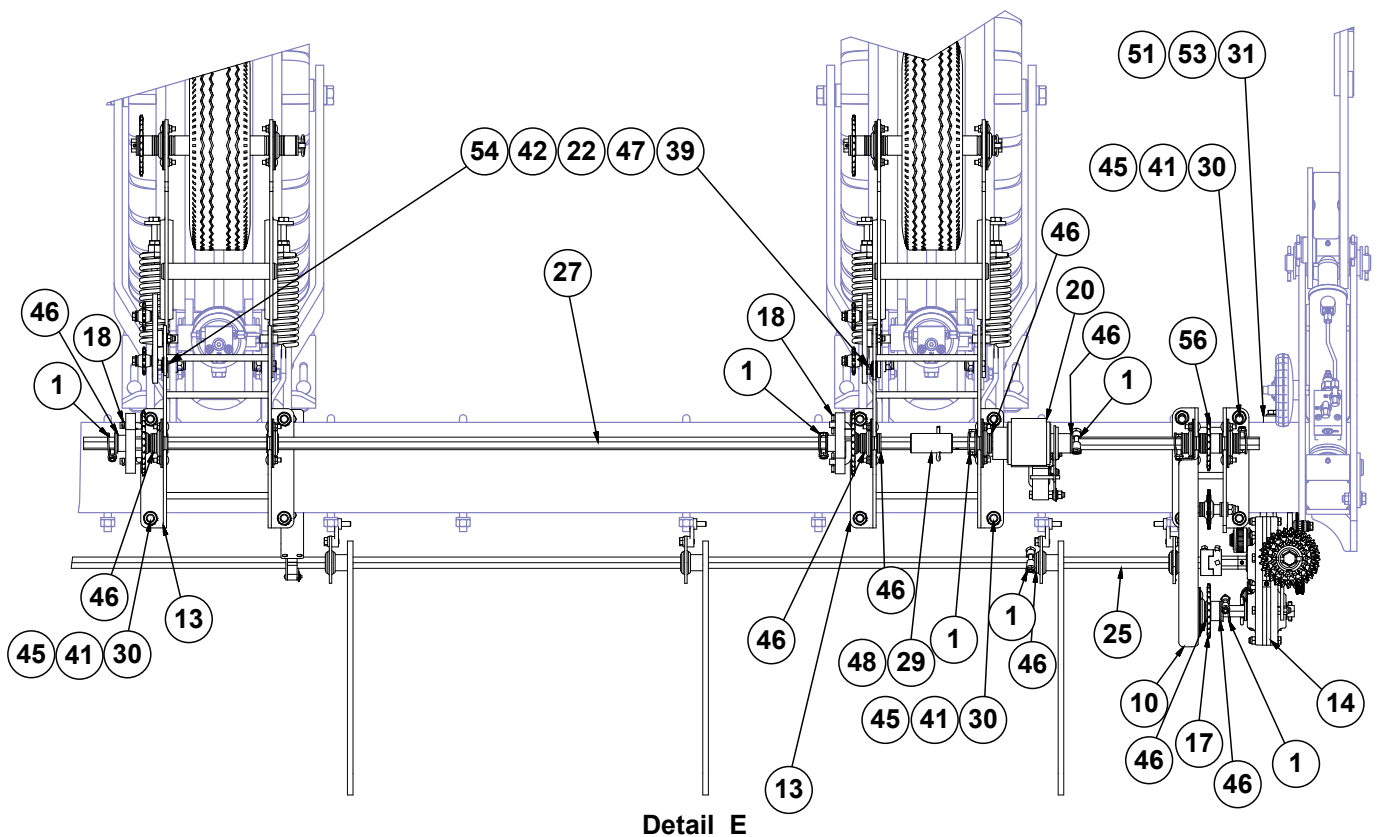
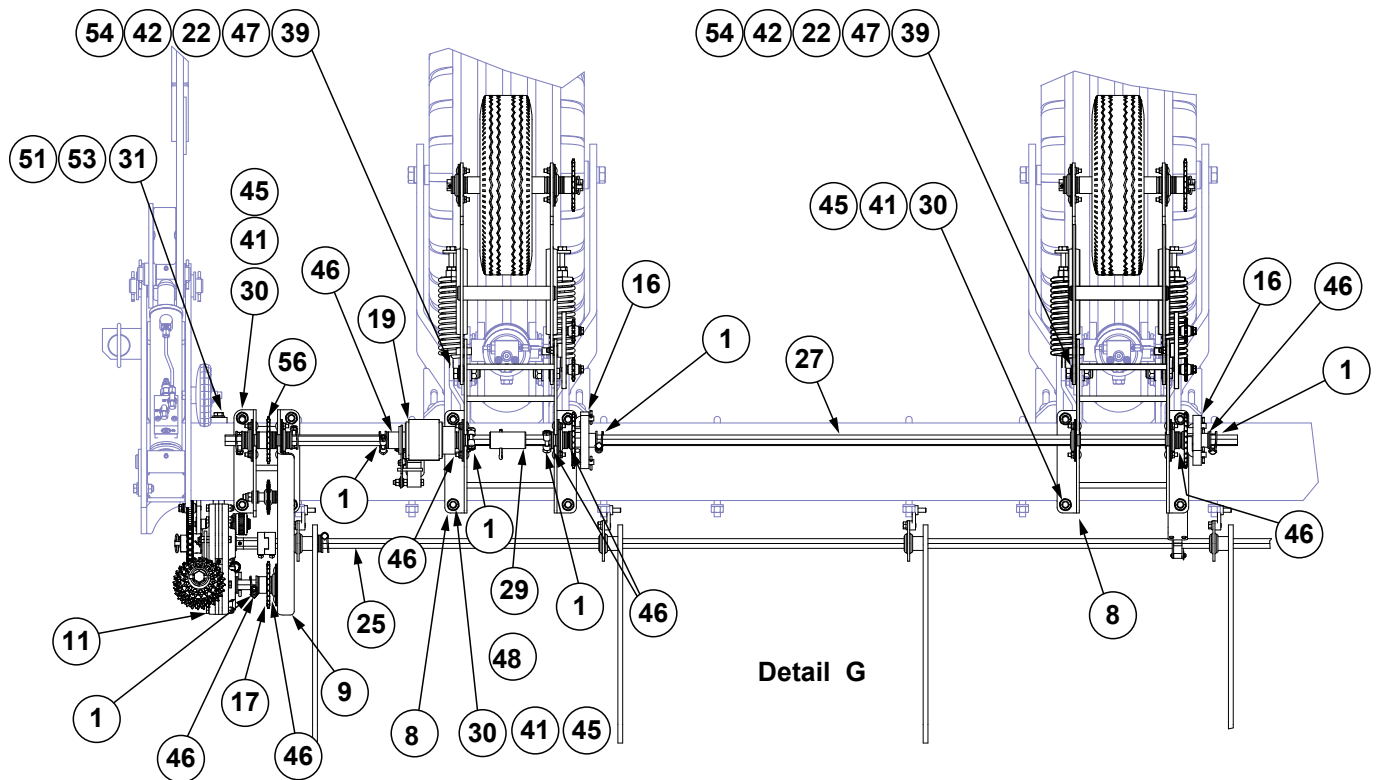


(A25074)



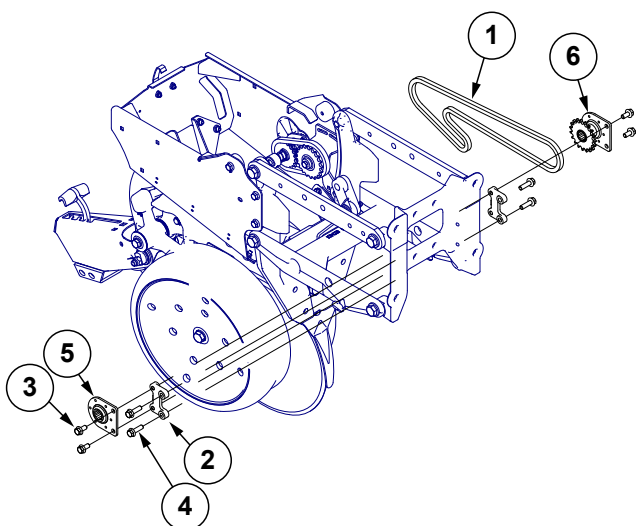
**R.H. Wing**



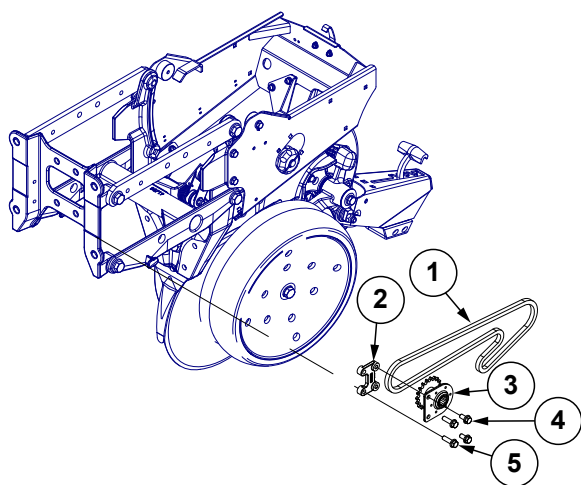


| ITEM | PART NO.     | QTY. | DESCRIPTION                                                                     |
|------|--------------|------|---------------------------------------------------------------------------------|
| 1    | GA11331      | 28   | Hex Lock Clamp Assembly                                                         |
| 2    | ---          | 2    | <a href="#">See "Row Unit Drive" on page P116</a>                               |
| 3    | G11123       | 2    | Hex Serrated Flange Cap Screw, $\frac{3}{8}$ "-16 x $\frac{3}{4}$ "             |
|      | G11204       | 2    | Hex Serrated Flange Cap Screw, $\frac{3}{8}$ "-16 x $1\frac{1}{4}$ ", Grade 5   |
|      | G3303-102    | 1    | Chain, No. 41, 102 Pitch Including Connector Link                               |
|      | GD26329      | 1    | Row Unit Bearing Mount                                                          |
|      | GA1720       | 1    | Bearing/Sprocket, $\frac{7}{8}$ " Hex Bore                                      |
| 4    | GA18220      | 14   | <a href="#">See "Row Unit Drive" on page P116</a>                               |
| 5    | GA20136      | 2    | <a href="#">See "Row Unit Drive" on page P116</a>                               |
| 6    | GA2180       | 2    | Hanger Bearing, $\frac{7}{8}$ " Hex Bore                                        |
| 7    | ---          | 2    | <a href="#">See "Contact Tire Assembly" on page P117</a>                        |
| 8    | ---          | 2    | <a href="#">See "Contact Drive Tower" on page P118</a>                          |
| 9    | ---          | 1    | <a href="#">See "Transmission Crossover Assembly" on page P119</a>              |
| 10   | ---          | 1    | <a href="#">See "Transmission Crossover Assembly" on page P119</a>              |
| 11   | ---          | 1    | <a href="#">See "Transmission Assembly" on page P120</a>                        |
| 12   | ---          | 1    | <a href="#">See "Contact Tire Assembly" on page P117</a>                        |
| 13   | GA25138      | 2    | <a href="#">See "Contact Drive Tower" on page P118</a>                          |
| 14   | ---          | 1    | <a href="#">See "Transmission Assembly" on page P120</a>                        |
| 15   | ---          | 1    | <a href="#">See "Contact Tire Assembly" on page P117</a>                        |
| 16   | GA9843       | 2    | Ratchet/Sprocket Assembly, 30 Tooth                                             |
| 17   | GA5110       | 2    | Sprocket, 25 Tooth                                                              |
| 18   | GA5164       | 2    | Ratchet/Sprocket Assembly                                                       |
| 19   | GA7110       | 1    | <a href="#">See "Point Row Clutch" on page P122</a>                             |
| 20   | GA7111       | 1    | <a href="#">See "Point Row Clutch" on page P122</a>                             |
| 21   | GA7051       | -    | U-Joint W/Grease Fitting, Male, $12\frac{1}{4}$ " Long                          |
|      | GR1557       | -    | Grease Fitting, 45°, Metric (Included W/GA7051)                                 |
|      | GR1296       | -    | Inner Profile (Included W/GA7051)                                               |
|      | GR1295       | -    | Inboard Yoke (Included W/GA7051)                                                |
|      | GR1301       | -    | Spring Pin, 8 mm x 50 mm (Included W/GA7051)                                    |
|      | GR1294       | -    | Cross And Bearing Kit (Included W/GA7051)                                       |
|      | GR1293       | -    | Yoke, $\frac{7}{8}$ " Hex (Included W/GA7051)                                   |
| 22   | GB0218       | 8    | Bushing, $2\frac{1}{32}$ " I.D. x $\frac{7}{8}$ " O.D. x $1\frac{9}{32}$ " Long |
| 23   | GB0287       | 2    | Coupler                                                                         |
| 24   | GB0730       | 4    | Paddle Drive                                                                    |
| 25   | GD0914-101.5 | 3    | Hex Shaft, $\frac{7}{8}$ " x $101\frac{1}{2}$ " (No Holes)                      |
| 26   | GD0914-105   | 1    | Hex Shaft, $\frac{7}{8}$ " x 105" (No Holes)                                    |
| 27   | GD0914-66    | 2    | Hex Shaft, $\frac{7}{8}$ " x 66" (No Holes)                                     |
| 28   | GD1114       | 2    | U-Bolt, 7" x 7" x $\frac{5}{8}$ "-11                                            |
| 29   | GD13554      | 2    | Coupler, $3\frac{1}{4}$ "                                                       |
| 30   | GD16598      | 12   | U-Bolt, 4" x 7" x $\frac{5}{8}$ "-11                                            |
| 31   | GD26597      | 2    | Transmission Mount Bar                                                          |
| 32   | GD29401      | 2    | Hex Shaft Coupler                                                               |
| 33   | GD35051      | 2    | Bearing Bracket                                                                 |
| 34   | GD6825-24    | 1    | Hex Shaft, $\frac{7}{8}$ " x 24" (2 Holes)                                      |
| 35   | GD6825-26.5  | 1    | Hex Shaft, $\frac{7}{8}$ " x $26\frac{1}{2}$ "                                  |
| 36   | GD6825-59.75 | 1    | Hex Shaft, $\frac{7}{8}$ " x $59\frac{3}{4}$ "                                  |
| 37   | GD6825-69    | 1    | Hex Shaft, $\frac{7}{8}$ " x $10\frac{1}{2}$ "                                  |
| 38   | GD8893-04    | 2    | Sleeve, 3" Long                                                                 |
| 39   | G10008       | 8    | Hex Head Cap Screw, $\frac{5}{8}$ "-11 x 2"                                     |
| 40   | G10072       | 8    | Hex Socket Set Screw, $\frac{3}{8}$ "-16 x $\frac{3}{8}$ "                      |
| 41   | G10104       | 28   | Hex Nut, $\frac{5}{8}$ "-11                                                     |
| 42   | G10107       | 8    | Lock Nut, $\frac{5}{8}$ "-11                                                    |
| 43   | G10131       | 4    | Square Head Set Screw, $\frac{5}{16}$ "-18 x $\frac{3}{4}$ "                    |

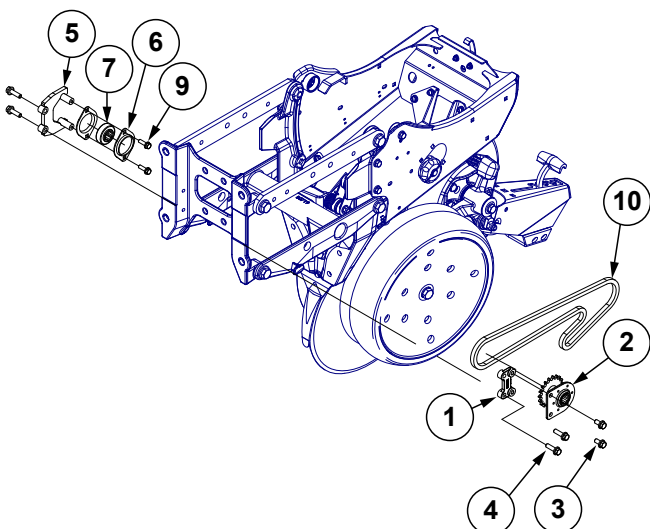
| ITEM | PART NO.            | QTY.   | DESCRIPTION                                                                 |
|------|---------------------|--------|-----------------------------------------------------------------------------|
| 44   | G10108              | 2      | Lock Nut, 3/8"-16                                                           |
| 45   | G10230              | 28     | Lock Washer, 5/8"                                                           |
| 46   | G10233              | 55     | Machine Bushing, 1 1/2" x 1/32", 10 Gauge (.1345")                          |
| 47   | G10235              | 24     | Machine Bushing, 7/8", 14 Gauge (.0747")                                    |
| 48   | G10460              | 2      | Cotter Pin, 1/4" x 2"                                                       |
| 49   | G10602              | 4      | Spring Pin, 1/4" x 1 1/2"                                                   |
| 50   | G10622              | 6      | Serrated Flange Nut, 3/8"-16                                                |
| 51   | G10909              | 4      | Hex Head Cap Screw, 1/2"-13 x 9"                                            |
| 52   | G11123              | 4      | Hex Serrated Flange Cap Screw, 3/8"-16 x 3/4"                               |
| 53   | G11389              | 4      | Flat Washer, 1/2" Plated SAE                                                |
| 54   | G11391              | 8      | Flat Washer, 5/8" SAE                                                       |
| 55   | G11686              | 2      | Hex Head Cap Screw, 3/8"-16 x 6-1/2", Grade 5                               |
| 56   | G3310-82<br>GR0912  | 2<br>- | Chain, No. 40, 82 Pitch Including Connector Link<br>Connector Link, No. 40  |
| 57   | G3310-136<br>GR0912 | 4<br>- | Chain, No. 40, 136 Pitch Including Connector Link<br>Connector Link, No. 40 |



| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                   |
|------|-----------|------|-------------------------------------------------------------------------------|
| 1    | G3303-102 | 1    | Chain, No. 41, 102 Pitch Including Connector Link                             |
|      | GR0196    | -    | Connector Link, No. 41                                                        |
| 2    | GD26329   | 2    | Row Unit Bearing Mount                                                        |
| 3    | G11123    | 4    | Hex Serrated Flange Cap Screw, $\frac{3}{8}$ "-16 x $\frac{3}{4}$ "           |
| 4    | G11204    | 4    | Hex Serrated Flange Cap Screw, $\frac{3}{8}$ "-16 x $1\frac{1}{4}$ ", Grade 5 |
| 5    | GA2180    | 1    | Hanger Bearing, $\frac{7}{8}$ " Hex Bore                                      |
| 6    | GA1720    | 1    | Bearing/Sprocket, $\frac{7}{8}$ " Hex Bore                                    |



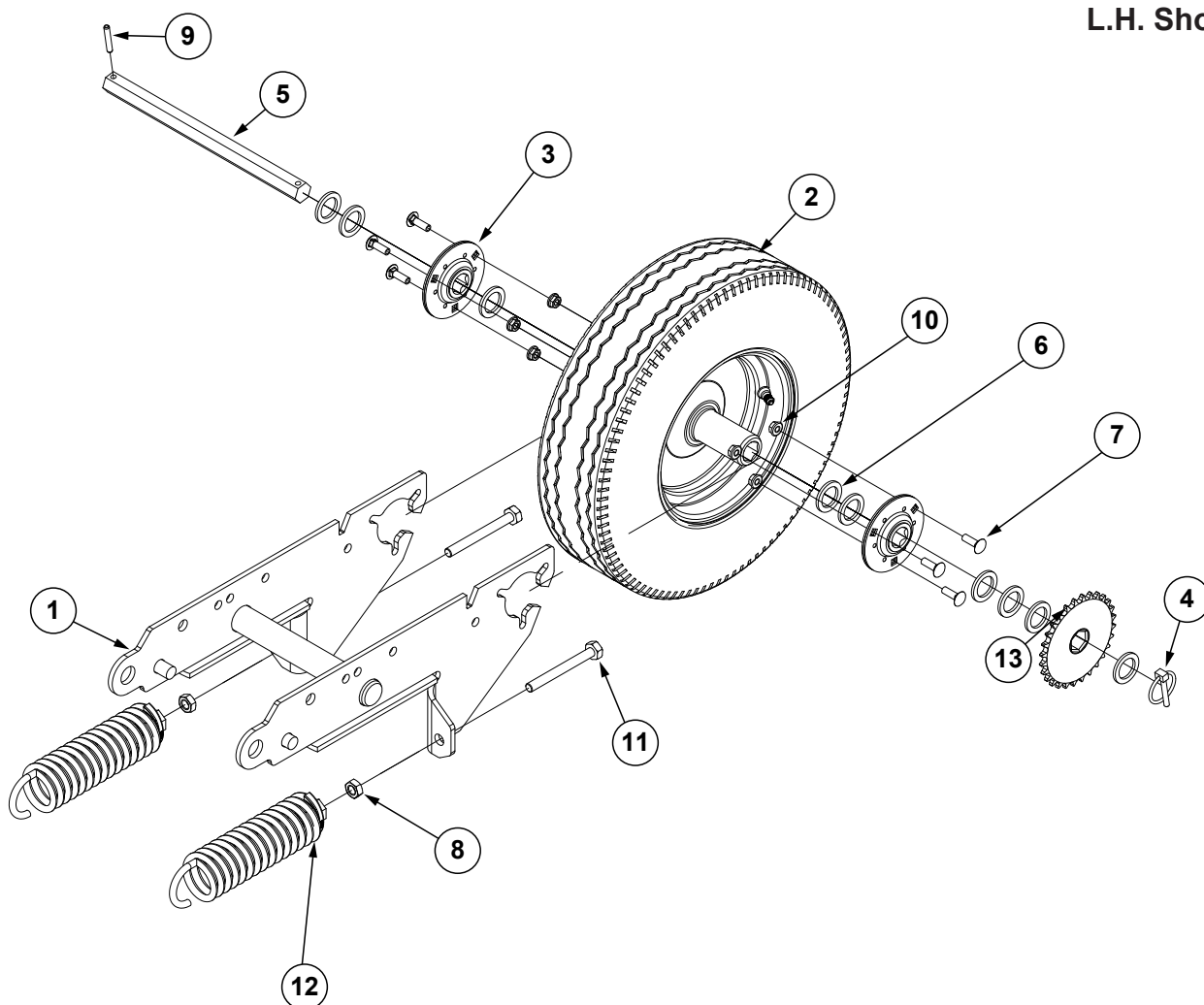
| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                   |
|------|-----------|------|-------------------------------------------------------------------------------|
| 1    | G3303-102 | 1    | Chain, No. 41, 102 Pitch Including Connector Link                             |
|      | GR0196    | -    | Connector Link, No. 41                                                        |
| 2    | GD26329   | 1    | Row Unit Bearing Mount                                                        |
| 3    | GA1720    | 1    | Bearing/Sprocket, $\frac{7}{8}$ " Hex Bore                                    |
| 4    | G11123    | 2    | Hex Serrated Flange Cap Screw, $\frac{3}{8}$ "-16 x $\frac{3}{4}$ "           |
| 5    | G11204    | 2    | Hex Serrated Flange Cap Screw, $\frac{3}{8}$ "-16 x $1\frac{1}{4}$ ", Grade 5 |



| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                   |
|------|-----------|------|-------------------------------------------------------------------------------|
| 1    | GD26329   | 1    | Row Unit Bearing Mount                                                        |
| 2    | GA1720    | 1    | Bearing/Sprocket, $\frac{7}{8}$ " Hex Bore                                    |
| 3    | G11123    | 2    | Hex Serrated Flange Cap Screw, $\frac{3}{8}$ "-16 x $\frac{3}{4}$ "           |
| 4    | G11204    | 4    | Hex Serrated Flange Cap Screw, $\frac{3}{8}$ "-16 x $1\frac{1}{4}$ ", Grade 5 |
| 5    | GA17661   | 1    | Bearing Mount Extension                                                       |
| 6    | G3400-03  | 2    | Flangette                                                                     |
| 7    | G2100-03  | 1    | Bearing, $\frac{7}{8}$ " Hex Bore, Spherical                                  |
| 8    | ---       | -    | ---                                                                           |
| 9    | G11480    | 2    | Hex Socket Flange Cap Screw, $\frac{5}{16}$ "-18 x 1"                         |
| 10   | G3303-102 | 1    | Chain, No. 41, 102 Pitch Including Connector Link                             |
|      | GR0196    | -    | Connector Link, No. 41                                                        |

L.H. Shown

(A25125)

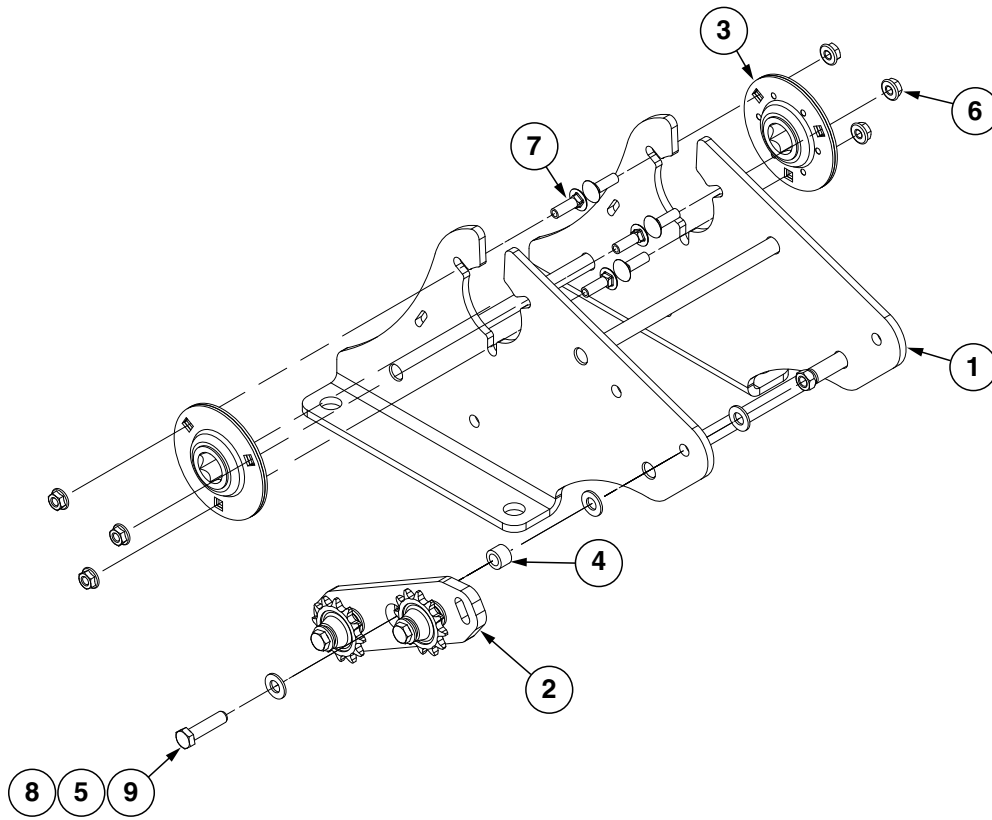


| ITEM | PART NO.      | QTY. | DESCRIPTION                                                              |
|------|---------------|------|--------------------------------------------------------------------------|
| 1    | GA25117       | 1    | Contact Tire Arm                                                         |
| 2    | GD4700        | 1    | Tire, 4.80" x 8", 4 Ply, Rib Implement (Specify Brand*)                  |
|      | GD4701        | 1    | Valve Stem                                                               |
|      | GA17944       | 1    | Rim, 3 $\frac{3}{4}$ " x 8" (Gray)                                       |
| 3    | GA9846        | 2    | Flanged Bearing, $\frac{7}{8}$ " Hex Bore                                |
| 4    | GD2558        | 1    | Lynch Pin, $\frac{1}{4}$ "                                               |
| 5    | GD34622-12.25 | 1    | Hex Shaft, $\frac{7}{8}$ " x 12 $\frac{1}{4}$ " W/2 Holes,               |
|      | GD34622-13.41 | -    | Hex Shaft, $\frac{7}{8}$ " x 13.41" W/2 Holes, (R.H. Inner)              |
| 6    | G10233        | 9    | Machine Bushing, 1 $\frac{1}{2}$ " x $\frac{1}{32}$ ", 10 Gauge (.1345") |
| 7    | G10303        | 6    | Carriage Bolt, $\frac{5}{16}$ "-18 x 1"                                  |
| 8    | G10501        | 2    | Hex Jam Nut, $\frac{1}{2}$ "-13, Grade 2                                 |
| 9    | G10602        | 1    | Spring Pin, $\frac{1}{4}$ " x 1 $\frac{1}{2}$ "                          |
| 10   | G10620        | 6    | Serrated Flange Nut, $\frac{5}{16}$ "-18                                 |
| 11   | G10890        | 2    | Hex Head Adjusting Bolt, $\frac{1}{2}$ "-13 x 4", Grade 2                |
| 12   | GA2068        | 2    | Spring W/Plug                                                            |
| 13   | GA12192       | -    | Sprocket, 22 Tooth (Vacuum Planter)                                      |

\*Specific brand requests will be supplied only as available from current Kinze Repair Parts stock. If a specific brand requested is not in stock, the brand available will be supplied.

(A25127)

L.H. Shown

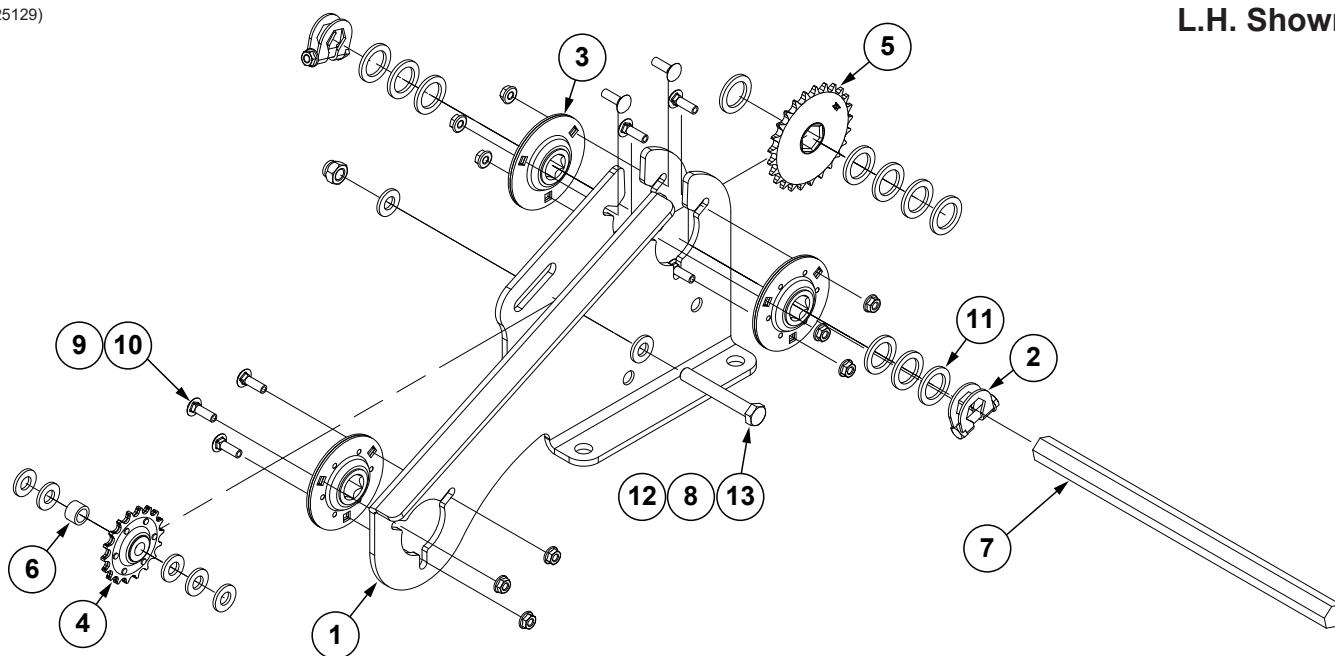


| ITEM | PART NO.  | QTY. | DESCRIPTION                                               |
|------|-----------|------|-----------------------------------------------------------|
| 1    | G10244201 | 1    | Contact Drive Tower                                       |
| 2    | G10047    | 2    | Hex Head Cap Screw, $\frac{3}{8}$ "-16 x $1\frac{3}{4}$ " |
|      | G11387    | 4    | Flat Washer, $\frac{3}{8}$ " SAE                          |
|      | GD1026    | 2    | Sleeve, $1\frac{3}{16}$ "                                 |
|      | GD7426    | 2    | Sprocket, 12 Tooth                                        |
|      | GA24741   | 1    | Double Idler                                              |
| 3    | GA9846    | 2    | Flanged Bearing, $\frac{7}{8}$ " Hex Bore                 |
| 4    | GD2971-03 | 1    | Tube                                                      |
| 5    | G11387    | 3    | Hardened Washer, $\frac{3}{8}$ " SAE                      |
| 6    | G10620    | 6    | Serrated Flange Nut, $\frac{5}{16}$ "-18                  |
| 7    | G10303    | 6    | Carriage Bolt, $\frac{5}{16}$ "-18 x 1"                   |
| 8    | G10108    | 1    | Lock Nut, $\frac{3}{8}$ "-16                              |
| 9    | G10003    | 1    | Hex Head Cap Screw, $\frac{3}{8}$ "-16 x $1\frac{1}{2}$ " |



(A25129)

L.H. Shown

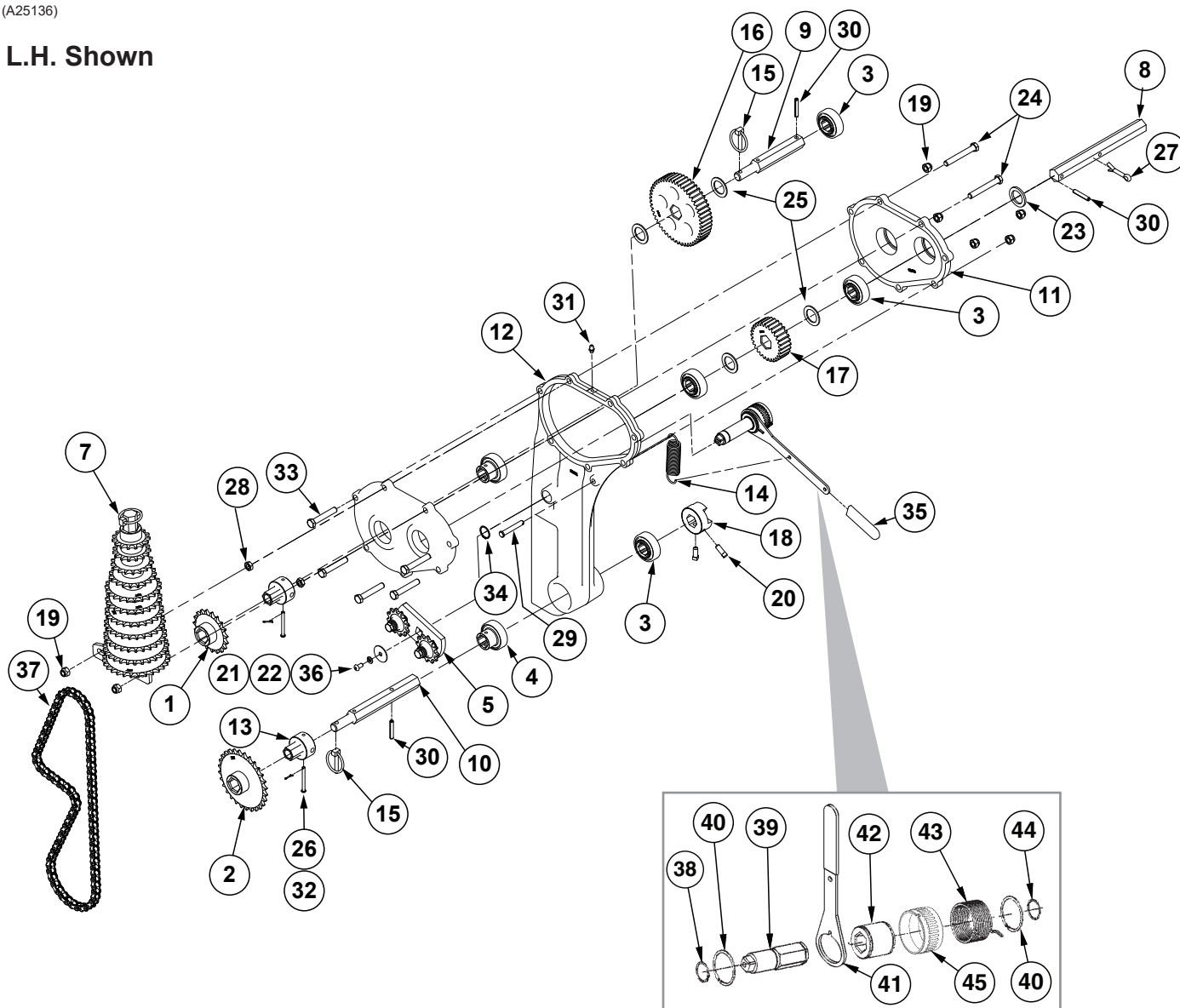


| ITEM | PART NO.   | QTY. | DESCRIPTION                                                             |
|------|------------|------|-------------------------------------------------------------------------|
| 1    | GA25128    | 1    | Transmission Crossover Mount, L.H.                                      |
|      | GA25220    | -    | Transmission Crossover Mount, R.H.                                      |
| 2    | GA11331    | 2    | Hex Lock Clamp Assembly                                                 |
| 3    | GA9846     | 3    | Flanged Bearing, $\frac{7}{8}$ " Hex Bore                               |
| 4    | GA7154     | 1    | Sprocket W/Bearing, 18 Tooth                                            |
| 5    | GA5110     | 1    | Sprocket, 25 Tooth                                                      |
| 6    | GD10538-11 | 1    | Sleeve, $\frac{3}{4}$ " O.D. x .532 I.D. x $\frac{1}{2}$ "              |
| 7    | GD0914-15  | 1    | Hex Shaft, $\frac{7}{8}$ " x 15" (No Holes)                             |
| 8    | G11389     | 7    | Flat Washer, $\frac{1}{2}$ " Plated SAE                                 |
| 9    | G10620     | 9    | Serrated Flange Nut, $\frac{5}{16}$ "-18                                |
| 10   | G10303     | 9    | Carriage Bolt, $\frac{5}{16}$ "-18 x 1"                                 |
| 11   | G10233     | 11   | Machine Bushing, $1\frac{1}{2}$ " x $\frac{1}{32}$ ", 10 Gauge (.1345") |
| 12   | G10111     | 1    | Lock Nut, $\frac{1}{2}$ "-13                                            |
| 13   | G10033     | 1    | Hex Head Cap Screw, $\frac{1}{2}$ "-13 x $3\frac{1}{2}$ "               |



(A25136)

## L.H. Shown

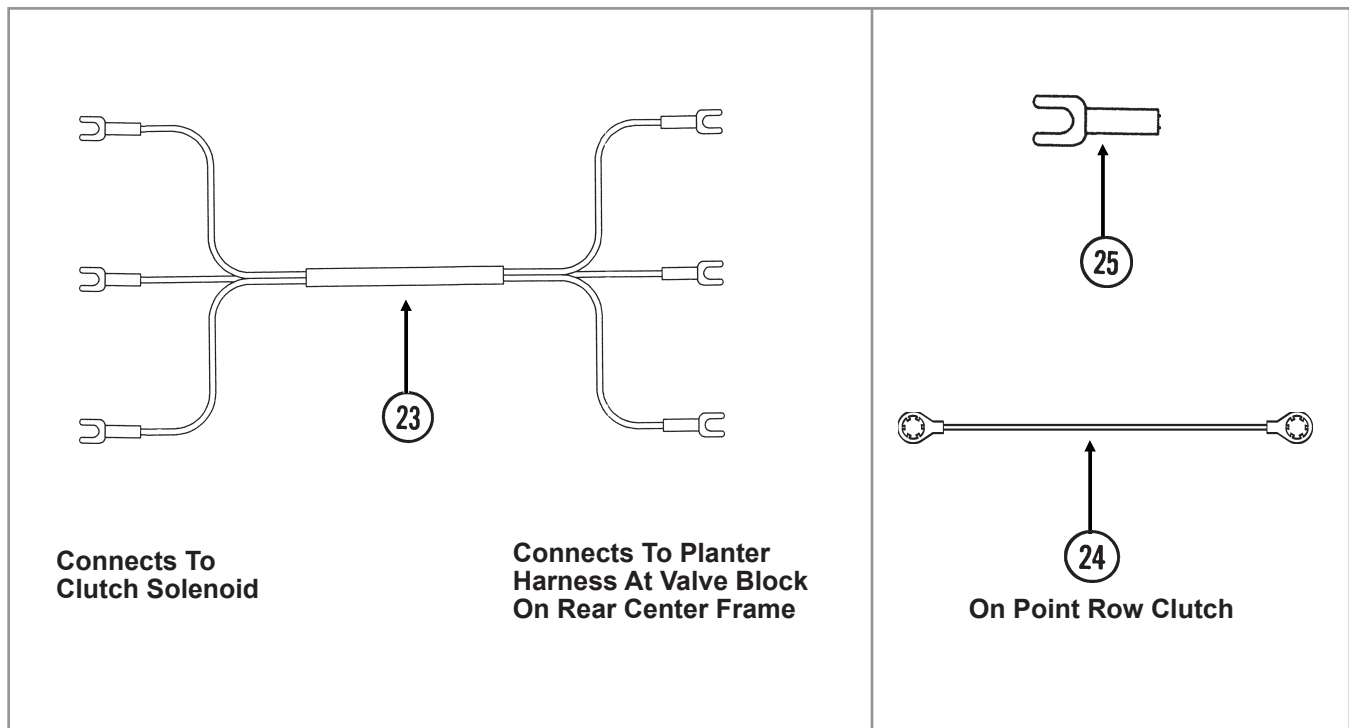
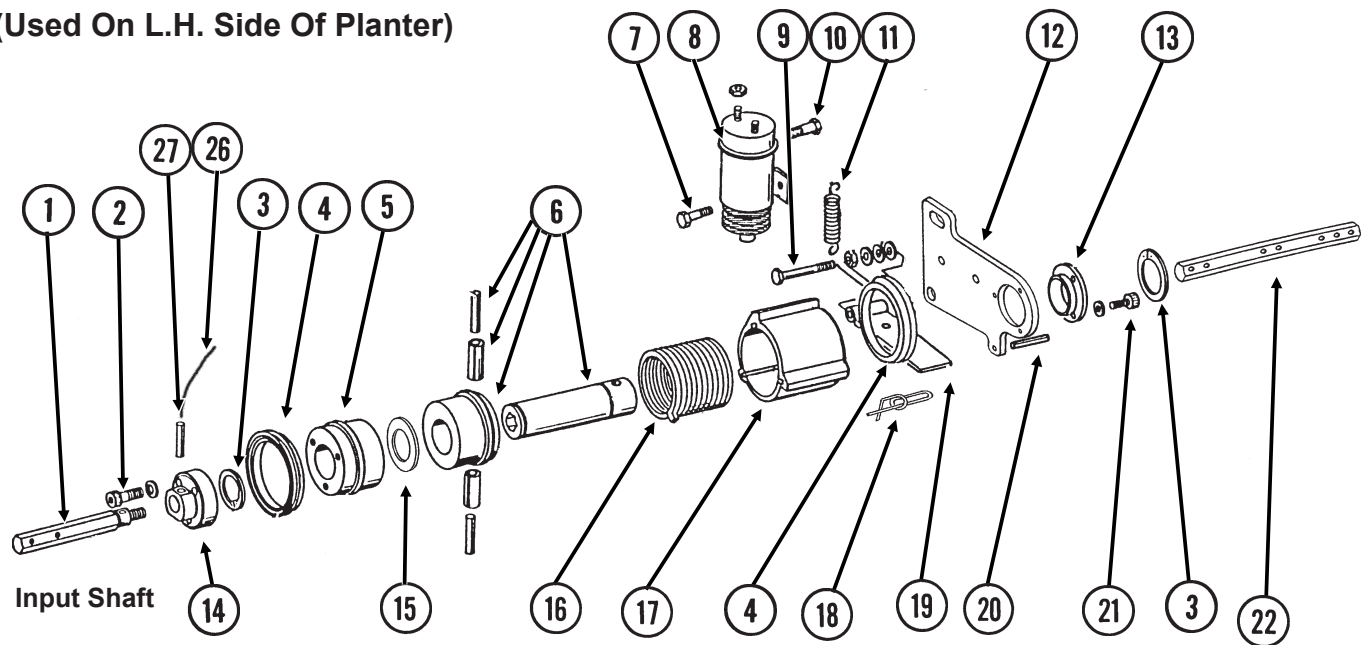


| ITEM | PART NO. | QTY. | DESCRIPTION                                      |
|------|----------|------|--------------------------------------------------|
| 1    | GA5107   | 1    | Sprocket, 19 Tooth                               |
| 2    | GA5113   | 1    | Sprocket, 28 Tooth                               |
| 3    | GA5116   | 4    | Bearing, $\frac{7}{8}$ " Hex Bore, Cylindrical   |
| 4    | GA5624   | 2    | Special Bearing, $\frac{7}{8}$ " Hex Bore x 1.6" |
| 5    | GA7336   | 1    | Idler W/Bolt-On Sprockets                        |
|      | GD7426   | 2    | Sprocket, 12 Tooth                               |
|      | GD1026   | 2    | Sleeve, $1\frac{3}{16}$ "                        |
|      | G10210   | 2    | Washer, $\frac{3}{8}$ " USS                      |
|      | G10229   | 2    | Lock Washer, $\frac{3}{8}$ "                     |
| 6    | ---      | -    | ---                                              |

| ITEM | PART NO.      | QTY. | DESCRIPTION                                                                 |
|------|---------------|------|-----------------------------------------------------------------------------|
| 7    | GD2558        | 1    | Lynch Pin, 1/4"                                                             |
|      | GA21508       | 1    | Hex Shaft                                                                   |
|      | GA5105        | 1    | Sprocket, 15 Tooth                                                          |
|      | GA5106        | 1    | Sprocket, 17 Tooth                                                          |
|      | GA5107        | 2    | Sprocket, 19 Tooth                                                          |
|      | GA5108        | 2    | Sprocket, 23 Tooth                                                          |
|      | GA5109        | 1    | Sprocket, 24 Tooth                                                          |
|      | GA5110        | 1    | Sprocket, 25 Tooth                                                          |
|      | GA5111        | 1    | Sprocket, 26 Tooth                                                          |
|      | GA5112        | 1    | Sprocket, 27 Tooth                                                          |
|      | GA5113        | 1    | Sprocket, 28 Tooth                                                          |
| 8    | GD35151-8.625 | 1    | Hex Shaft, 7/8" x 8 5/8"                                                    |
| 9    | GD25791       | 1    | Upper Transmission Shaft                                                    |
| 10   | GD25792       | 1    | Lower Transmission Shaft                                                    |
| 11   | GD25422       | 2    | Transmission Cover                                                          |
| 12   | GD25420       | 1    | Transmission Casting                                                        |
| 13   | GD7127        | 2    | Shear Coupler                                                               |
| 14   | GD5857        | 1    | Spring                                                                      |
| 15   | GD2558        | 2    | Lynch Pin, 1/4"                                                             |
| 16   | GB0734        | 1    | Spur Gear, 50 Tooth                                                         |
| 17   | GB0733        | 1    | Spur Gear, 28 Tooth                                                         |
| 18   | GB0287        | 1    | Coupler                                                                     |
| 19   | G10108        | 7    | Lock Nut, 3/8"-16                                                           |
| 20   | G10131        | 2    | Square Head Set Screw, 5/16"-18 x 3/4"                                      |
| 21   | G11453        | 1    | Fender Washer, 1/4"                                                         |
| 22   | G10227        | 1    | Lock Washer, 1/4"                                                           |
| 23   | G10233        | 1    | Machine Bushing, 1 1/2" x 1/32", 10 Gauge (.1345")                          |
| 24   | G10325        | 2    | Hex Head Cap Screw, 3/8"-16 x 2 3/4"                                        |
| 25   | G10345        | 4    | Machine Bushing, 1", 14 Gauge (.0747")                                      |
| 26   | G10455        | 2    | Cotter Pin, 1/16" x 1/2"                                                    |
| 27   | G10463        | 1    | Cotter Pin, 1/4" x 1 1/2"                                                   |
| 28   | G10497        | 2    | Hex Jam Nut, 3/8"-16, Grade 2                                               |
| 29   | G10565        | 1    | Clevis Pin, 5/16" x 2"                                                      |
| 30   | G10602        | 3    | Spring Pin, 1/4" x 1 1/2"                                                   |
| 31   | G10640        | 1    | Grease Fitting, 1/4"-28                                                     |
| 32   | G10821        | 2    | Clevis Pin, 3/16" x 2"                                                      |
| 33   | G10939        | 5    | Hex Head Cap Screw, 3/8"-16 x 2 1/4"                                        |
| 34   | G11075        | 1    | External Inverted Snap Ring, 7/8"                                           |
| 35   | G11078        | 1    | Vinyl Cap                                                                   |
| 36   | G11100        | 1    | Hex Socket Button Head Cap Screw, 1/4"-20 x 1/2", Grade 8                   |
| 37   | G3310-88      | 1    | Chain, No. 40, 88 Pitch Including Connector Link                            |
|      | GR0912        |      | Connector Link, No. 40                                                      |
| 38   | G10496        | 1    | External Inverted Snap Ring, 1 1/2"                                         |
| 39   | GD14427       | 1    | Tightener Shaft, 4 7/8"                                                     |
| 40   | G11075        | 2    | External Inverted Snap Ring, 7/8"                                           |
| 41   | GD14431       | 1    | Handle                                                                      |
| 42   | GD14432       | 1    | Sleeve, 1 1/4"                                                              |
| 43   | GD14414       | 1    | Torsion Spring, R.H. (Used In L.H. Wrap Spring Wrench)(Shown)               |
|      | GD14413       | -    | Torsion Spring, L.H. (Used In R.H. Wrap Spring Wrench)                      |
| 44   | G10496        | 2    | External Inverted Snap Ring, 1 1/2"                                         |
| 45   | GD19344       | 1    | Release Collar, Gray, L.H. (Shown)                                          |
|      | GD19343       | -    | Release Collar, Blue, R.H.                                                  |
| A    | G1K379        | -    | Wrap Spring Wrench Replacement Kit, Gray Collar, L.H. (Items 38-45) (Shown) |
|      | G1K378        | -    | Wrap Spring Wrench Replacement Kit, Blue Collar, R.H. (Items 38-45)         |

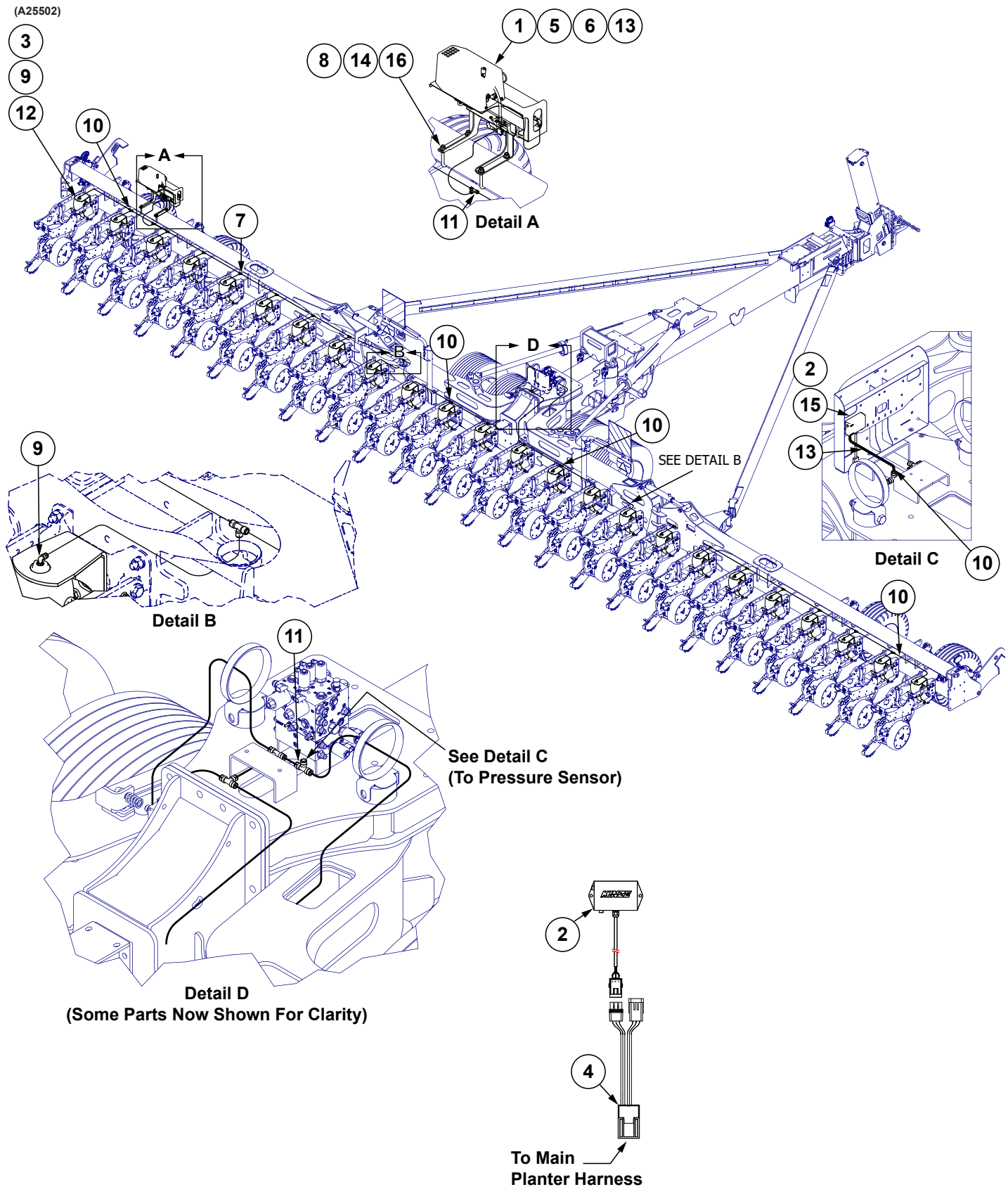
PRC019(TWL70d/TWL71d/TWL71/TWL18/A10054)

**L.H. Point Row Clutch Shown  
(Used On L.H. Side Of Planter)**



| ITEM | PART NO.   | QTY.<br>(Per Assy.) | DESCRIPTION                                                        |
|------|------------|---------------------|--------------------------------------------------------------------|
| 1    | GD10068    | 1                   | Input Shaft, R.H. Threads (Shown)                                  |
|      | GD10069    | 1                   | Input Shaft, L.H. Threads                                          |
| 2    | G10374     | 3                   | Hex Socket Head Cap Screw, 1/4"-20 x 1"                            |
|      | G10227     | 3                   | Lock Washer, 1/4"                                                  |
| 3    | G10496     | 2                   | External Inverted Snap Ring, 1 1/2"                                |
| 4    | GD14512    | 2                   | V-Ring Seal                                                        |
| 5    | GD10104    | 1                   | Input Hub                                                          |
| 6    | GA7137     | 1                   | Hub/Sleeve Assembly W/Spring Pins                                  |
|      | G10765     | -                   | Spring Pin, 1/4" x 1"                                              |
|      | G10804     | -                   | Spring Pin, 5/32" x 7/8"                                           |
| 7    | G10023     | 1                   | Hex Head Cap Screw, 1/4"-20 x 3/4"                                 |
|      | G10227     | 1                   | Lock Washer, 1/4"                                                  |
|      | G10103     | 1                   | Hex Nut, 1/4"-20                                                   |
| 8    | GA8393     | 1                   | Solenoid Complete                                                  |
|      | GR1306     | 1                   | Snap Ring                                                          |
|      | GR1303     | 1                   | Spring                                                             |
|      | GR1304     | 1                   | Boot                                                               |
|      | GR1305     | 1                   | Plunger                                                            |
| 9    | G10939     | 1                   | Hex Head Cap Screw, 3/8"-16 x 2 1/4"                               |
|      | G10101     | 1                   | Hex Nut, 3/8"-16                                                   |
|      | G11387     | 1                   | Flat Washer, 3/8" SAE                                              |
|      | G10229     | 2                   | Lock Washer, 3/8"                                                  |
|      | G10497     | 1                   | Hex Jam Nut, 3/8"-16, Grade 2                                      |
| 10   | G10900     | 1                   | Hex Socket Head Cap Screw, 1/4"-20 x 1 3/4", Grade 8               |
|      | G10227     | 1                   | Lock Washer, 1/4"                                                  |
|      | G10103     | 2                   | Hex Nut, 1/4"-20                                                   |
| 11   | GD10123    | 1                   | Spring                                                             |
| 12   | GD10103    | 1                   | Mounting Plate                                                     |
| 13   | GD9667     | 1                   | Bushing                                                            |
| 14   | GD10070    | 1                   | Coupler W/R.H. Threads (Shown)                                     |
|      | GD10071    | 1                   | Coupler W/L.H. Threads                                             |
| 15   | GD14513    | 1                   | Felt Washer                                                        |
| 16   | GD9671     | -                   | Spring, L.H. (Shown)                                               |
|      | GD9672     | -                   | Spring, R.H.                                                       |
| 17   | GD30903    | 1                   | Stop Collar                                                        |
| 18   | GD11120    | 1                   | Rue Ring Cotter, 5/16"                                             |
| 19   | GD30902    | 1                   | Actuator Arm                                                       |
| 20   | G10859     | 1                   | Spring Pin, 3/16" x 2 1/4"                                         |
| 21   | G10253     | 3                   | Hex Socket Head Screw, No. 10-32 x 1/2"                            |
|      | G10257     | 3                   | Lock Washer, No. 10                                                |
| 22   | GD10543    | -                   | Hex Shaft, 7/8" x 13"                                              |
| 23   | GA9479     | 1                   | Wiring Harness, 228", R.H. Side, 12 Row 30"                        |
|      | GA9480     | -                   | Wiring Harness, 264", L.H. Side, 12 Row 30"; R.H. Side, 16 Row 30" |
|      | GA9482     | -                   | Wiring Harness, 300", L.H. Side, 16 Row 30"                        |
| 24   | GA10054    | -                   | Ground Cable, Green                                                |
| 25   | G10996     | -                   | Fork Terminal                                                      |
| 26   | GD13524-01 | 1                   | Lock Wire, 10", Stainless Steel                                    |
| 27   | G10546     | 1                   | Spring Pin, 3/16" x 1 1/4"                                         |

(A25502)

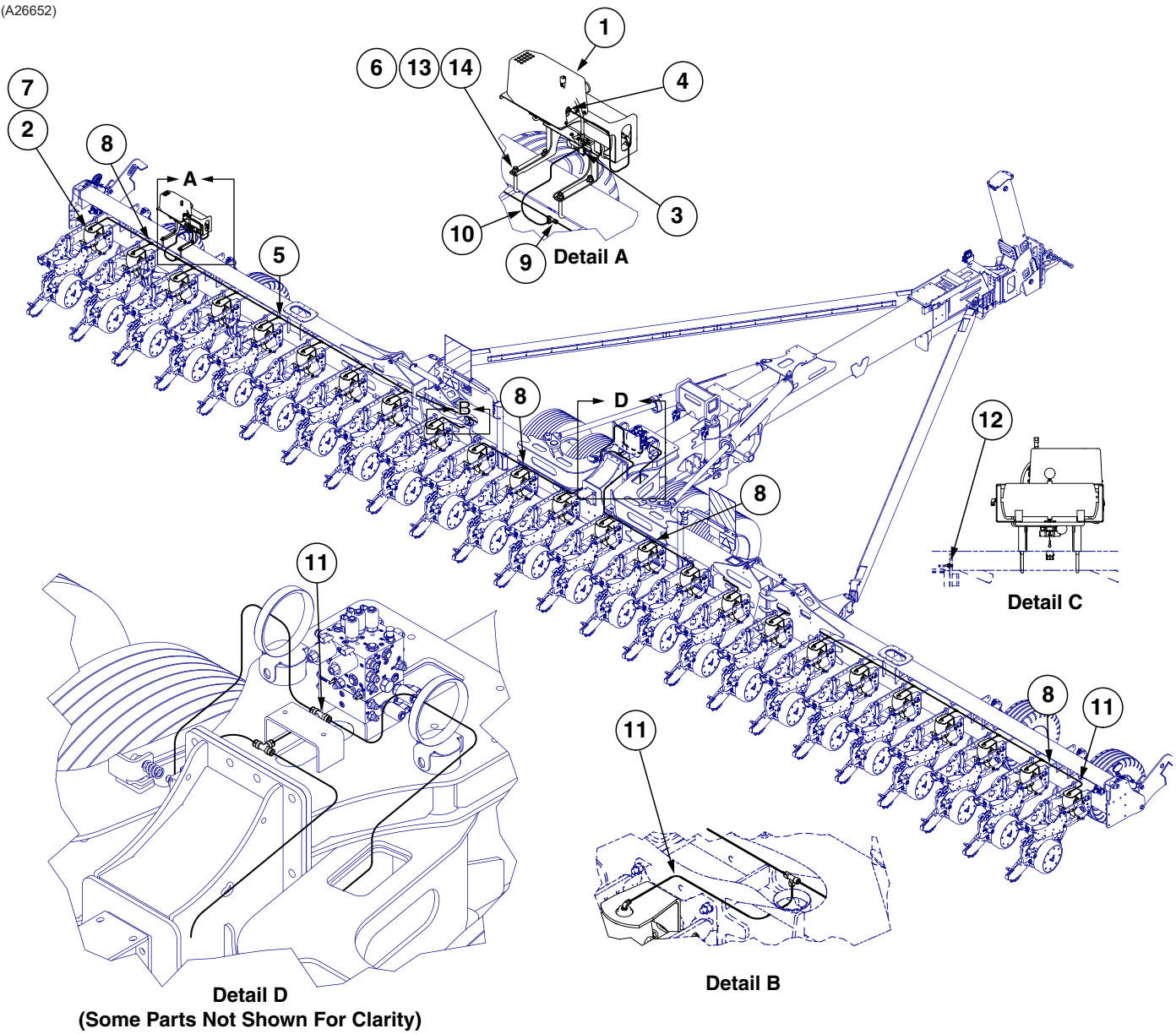


| ITEM | PART NO.    | QTY. | DESCRIPTION                                                                   |
|------|-------------|------|-------------------------------------------------------------------------------|
| 1    | GA20699     | 1    | <a href="#">See "Left Air Tank Assembly" on page P130</a>                     |
| 2    | GA14846     | 1    | High Pressure Sensor (0-120 PSI)                                              |
| 3    | GA17631     | 24   | <a href="#">See "Pneumatic Down Pressure Row Unit Assembly" on page P10</a>   |
| 4    | GA12812     | 1    | Hall Effect Adapter                                                           |
| 5    | GA25209     | 1    | PDP Power Extension Harness, 18'                                              |
| 6    | GA25158     | 1    | 12V Air Pump Harness                                                          |
| 7    | GD26110     | 20   | Reducing Tee, $\frac{3}{8}$ " x $\frac{1}{4}$ " x $\frac{3}{8}$ "             |
| 8    | GD16598     | 2    | U-Bolt, 4" x 7" x $\frac{5}{8}$ "-11                                          |
| 9    | GD19080     | 24   | Elbow, $\frac{1}{4}$ " x $\frac{1}{8}$ " NPT Swivel                           |
| 10   | GD18796     | 5    | Reducer, $\frac{3}{8}$ " To $\frac{1}{4}$ "                                   |
| 11   | GD18010     | 4    | Tee, $\frac{3}{8}$ " Tube Union                                               |
| 12   | **D17151-17 | 1    | Nylon Tubing, $\frac{1}{4}$ " O.D. x 40'                                      |
| 13   | *D17150-09  | 1    | Nylon Tubing, $\frac{3}{8}$ " O.D. x 82'                                      |
| 14   | G11391      | 4    | Flat Washer, $\frac{5}{8}$ " SAE                                              |
| 15   | G10977      | 2    | Phillips Pan Head Machine Screw, No. 10-24 x $\frac{1}{2}$ ", Stainless Steel |
| 16   | G10107      | 4    | Lock Nut, $\frac{5}{8}$ "-11                                                  |

\*Not stocked by Kinze repair parts, but is available in bulk. Order part number: GD17150-00, Urethane Tubing,  $\frac{3}{8}$ " O.D. x 250'.

\*\*Not stocked by Kinze repair parts, but is available in bulk. Order part number: GD17151-00, Urethane Tubing,  $\frac{1}{4}$ " O.D. x 250'.

(A26652)





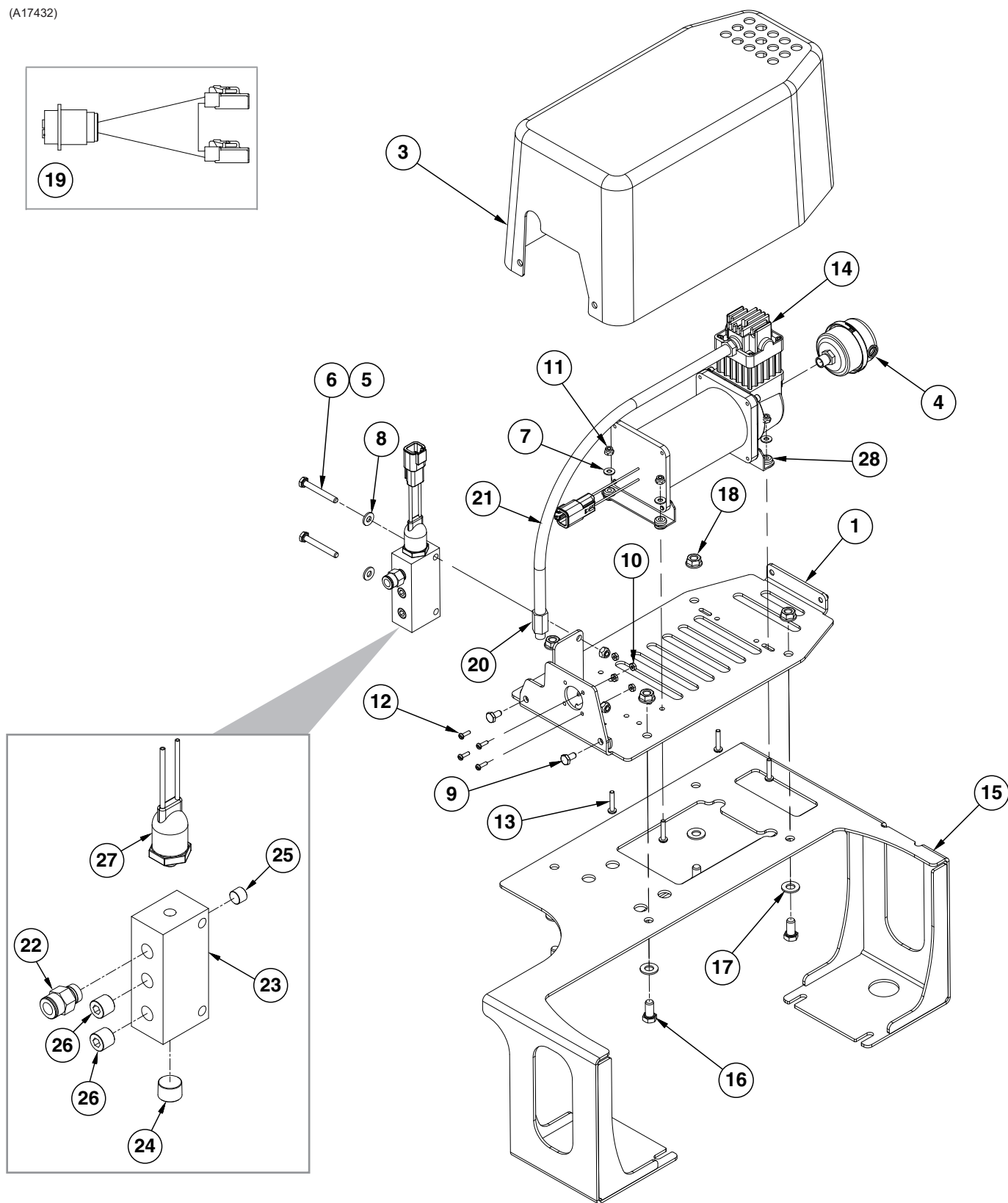
| ITEM | PART NO.    | QTY. | DESCRIPTION                                                                 |
|------|-------------|------|-----------------------------------------------------------------------------|
| 1    | GA25363     | 1    | <a href="#">See "Air Tank Assembly" on page P132</a>                        |
| 2    | GA17631     | 24   | <a href="#">See "Pneumatic Down Pressure Row Unit Assembly" on page P10</a> |
| 3    | GA25653     | 1    | PDP Harness                                                                 |
| 4    | GA25158     | 1    | 12V Air Pump Harness                                                        |
| 5    | GD26110     | 20   | Reducing Tee, 3/8 x 1/4 x 3/8                                               |
| 6    | GD16598     | 2    | U-Bolt, 4" x 7" x 5/8"-11                                                   |
| 7    | GD19080     | 24   | Elbow, 1/4" x 1/8" NPT Swivel                                               |
| 8    | GD18796     | 4    | Reducer, 3/8" to 1/4"                                                       |
| 9    | GD18010     | 3    | Tee, 3/8" Tube Union                                                        |
| 10   | *D17150-09  | 1    | Nylon Tubing, 3/8" O.D. x 82'                                               |
| 11   | **D17151-12 | 1    | Nylon Tubing, 1/4" O.D. x 5'                                                |
| 12   | G11858      | 1    | Serrated Bolt Stud, 3/8"-24 x 1-9/32", Grade 5                              |
|      | G10344      | 1    | Hex Jam Nut, 3/8"-24, Grade 2                                               |
|      | G10524      | 1    | Internal/External Tooth Washer, 3/8"                                        |
|      | G10219      | 1    | Washer, 5/16" USS                                                           |
| 13   | G11391      | 4    | Flat Washer, 5/8" SAE                                                       |
| 14   | G10107      | 4    | Lock Nut, 5/8"-11                                                           |

\*Not stocked by Kinze repair parts, but is available in bulk. Order part number: GD17150-00, Urethane Tubing, 3/8" O.D. x 250'.

\*\*Not stocked by Kinze repair parts, but is available in bulk. Order part number: GD17151-00, Urethane Tubing, 1/4" O.D. x 250'.

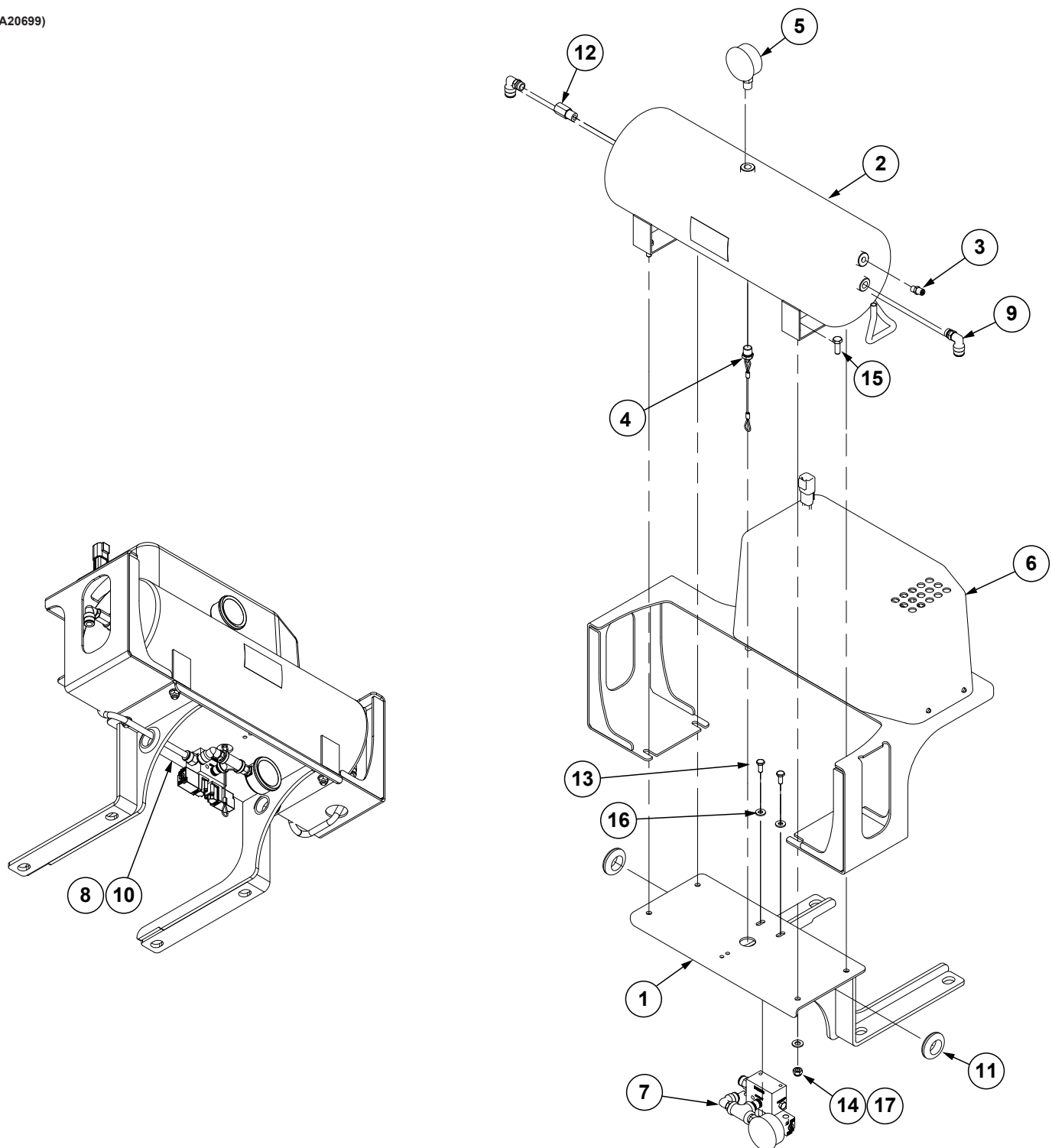


(A17432)



| ITEM | PART NO. | QTY. | DESCRIPTION                                              |
|------|----------|------|----------------------------------------------------------|
| 1    | GA17623  | 1    | 12V Electric Compressor Mount                            |
| 2    | ---      | -    | ---                                                      |
| 3    | GB0766   | 1    | Compressor Cover                                         |
| 4    | GA14127  | 1    | Filter Assembly                                          |
|      | GR1943   | -    | Filter Element Replacement                               |
| 5    | G10110   | 2    | Lock Nut, ¼"-20, Grade B                                 |
| 6    | G10638   | 2    | Hex Head Cap Screw, ¼"-20 x 2"                           |
| 7    | G11382   | 4    | Washer, No. 10 SAE                                       |
| 8    | G11385   | 2    | Flat Washer, ¼" SAE                                      |
| 9    | G11356   | 2    | Hex Socket Flange Cap Screw, ¼"-20 x ½"                  |
| 10   | G10949   | 4    | Hex Nut, #6-32, Grade 1                                  |
| 11   | G11206   | 4    | Lock Nut, No. 10-32                                      |
| 12   | G10950   | 4    | Slotted Phillips Head Machine Screw, 6-32 x ½", Grade 1  |
| 13   | G10904   | 4    | Slotted Phillips Head Machine Screw, 10-32 x 1", Grade 1 |
| 14   | GA18212  | 1    | 12V Air Pump W/Connector                                 |
| 15   | GA18001  | 1    | Compressor Mount                                         |
| 16   | G10002   | 4    | Hex Head Cap Screw, ⅜"-16 x ¾"                           |
| 17   | G11387   | 4    | Flat Washer, ⅜" SAE                                      |
| 18   | G10622   | 4    | Serrated Flange Nut, ⅜"-16                               |
| 19   | GA18482  | 1    | Air Compressor Harness                                   |
| 20   | GR1921   | -    | Check Valve                                              |
| 21   | GR1951   | -    | Leader Hose without Check Valve                          |
| 22   | GD17141  | 1    | Connector, ¼" Male NPT                                   |
| 23   | GD25486  | 1    | Manifold Block                                           |
| 24   | GD26387  | 1    | Plug, ⅜" NPT                                             |
| 25   | GD26386  | 1    | Plug, ⅜" NPT                                             |
| 26   | GD26070  | 2    | Plug, ¼" NPT                                             |
| 27   | GA18211  | 1    | Air Pump Pressure Switch W/Connector                     |
|      | GD26069  | -    | Pressure Switch                                          |
| 28   | GR2233   | 1    | Vibration Isolator Gromet, 4 Pack                        |
| A    | GA17994  | -    | Compressor Manifold (Items 22-27)                        |

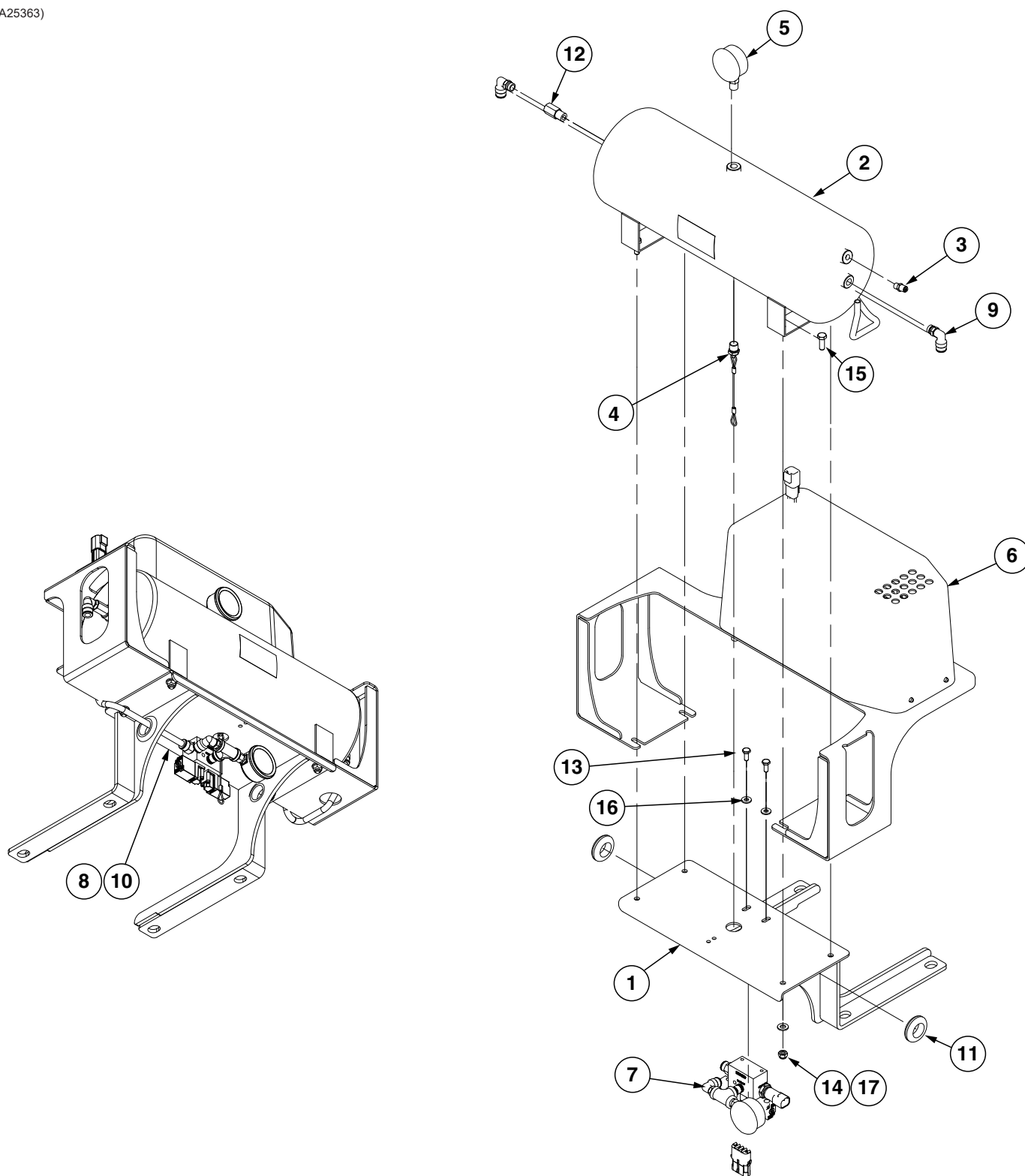
(A20699)



| ITEM | PART NO.    | QTY. | DESCRIPTION                                                   |
|------|-------------|------|---------------------------------------------------------------|
| 1    | GA17573     | 1    | Air Tank Mount                                                |
| 2    | GA11988     | 1    | Tank, 3 Gallon                                                |
| 3    | GA11989     | 1    | Valve Stem, 1/8" NPT                                          |
| 4    | GA11991     | 1    | Drain, 1/4" NPT                                               |
| 5    | GA21405     | 1    | Pressure Gauge                                                |
| 6    | ---         | -    | <a href="#">See "Electric Compressor" on page P128</a>        |
| 7    | GA20088     | 1    | <a href="#">See "Air Valve Assembly, ISOBUS" on page P134</a> |
| 8    | GD1512      | 1    | Cable Tie, 7 1/2"                                             |
| 9    | GD17143     | 2    | Swivel Elbow, 1/4" NPT x 3/8"                                 |
| 10   | **D17150-16 | 1    | Urethane Tubing, 3/8" O.D. x 32"                              |
| 11   | GD22200     | 2    | Grommet, 1"                                                   |
| 12   | GR1921      | 1    | Check Valve                                                   |
| 13   | G10020      | 2    | Hex Head Cap Screw, 1/4"-20 x 5/8"                            |
| 14   | G10109      | 4    | Lock Nut, 5/16"-18                                            |
| 15   | G10991      | 4    | Hex Head Cap Screw, 5/16"-18 x 7/8"                           |
| 16   | G11385      | 2    | Flat Washer, 1/4" SAE                                         |
| 17   | G11386      | 4    | Flat Washer, 5/16" SAE                                        |

\*\*Not stocked by Kinze repair parts, but is available in bulk. Order part number: GD17150-00, Urethane Tubing, 3/8" O.D. x 250'.

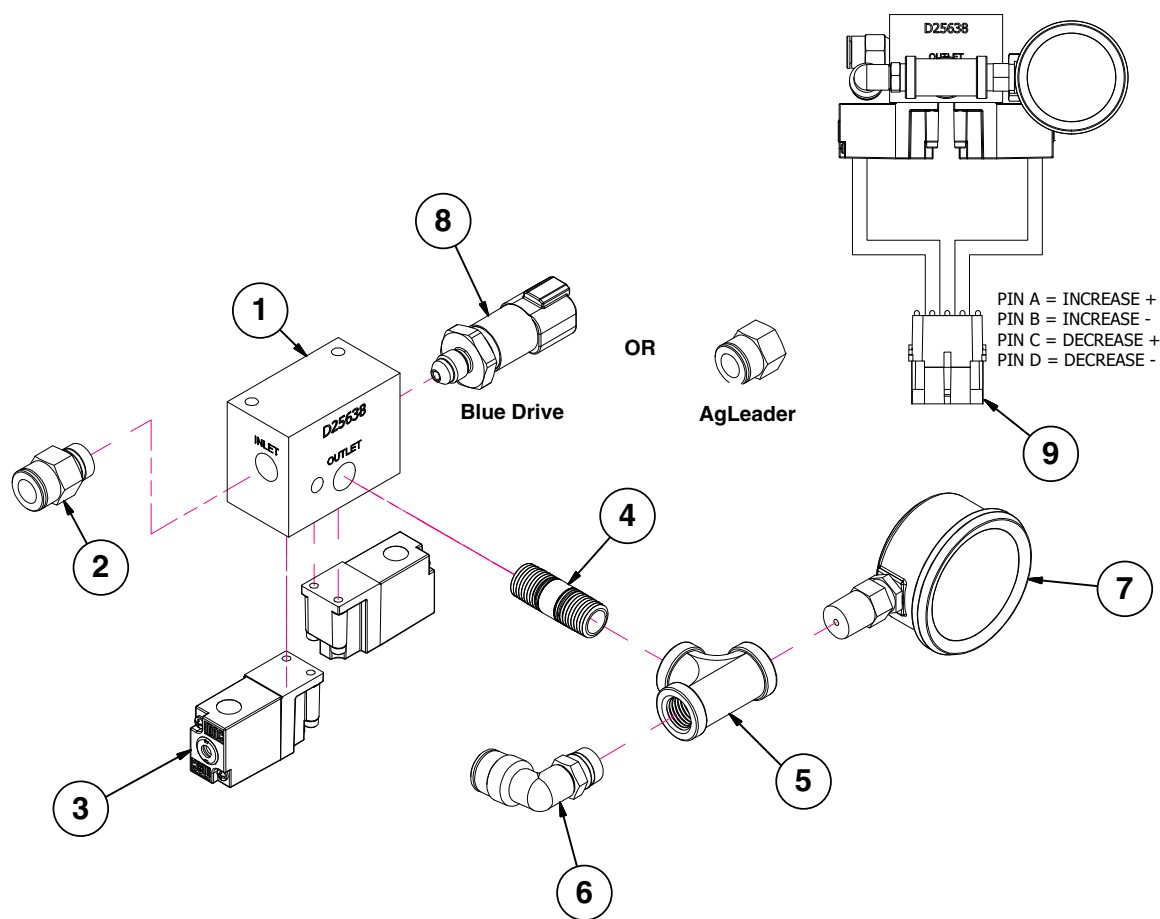
(A25363)



| ITEM | PART NO.    | QTY. | DESCRIPTION                                            |
|------|-------------|------|--------------------------------------------------------|
| 1    | GA17573     | 1    | Air Tank Mount                                         |
| 2    | GA11988     | 1    | Tank, 3 Gallon                                         |
| 3    | GA11989     | 1    | Valve Stem, 1/8" NPT                                   |
| 4    | GA11991     | 1    | Drain, 1/4" NPT                                        |
| 5    | GA21405     | 1    | Pressure Gauge, 1/4" NPT                               |
| 6    | ---         | -    | <a href="#">See "Electric Compressor" on page P128</a> |
| 7    | ---         | 1    | <a href="#">See "Air Valve Assembly" on page P134</a>  |
| 8    | GD1512      | 1    | Cable Tie, 7 1/2"                                      |
| 9    | GD17143     | 2    | Swivel Elbow, 1/4" NPT x 3/8"                          |
| 10   | **D17150-16 | 1    | Urethane Tubing, 3/8" O.D. x 32"                       |
| 11   | GD22200     | 2    | Grommet, 1"                                            |
| 12   | GR1921      | 1    | Check Valve                                            |
| 13   | G10020      | 2    | Hex Head Cap Screw, 1/4"-20 x 5/8"                     |
| 14   | G10109      | 4    | Lock Nut, 5/16"-18                                     |
| 15   | G10991      | 4    | Hex Head Cap Screw, 5/16"-18 x 7/8"                    |
| 16   | G11385      | 2    | Flat Washer, 1/4" SAE                                  |
| 17   | G11386      | 4    | Flat Washer, 5/16" SAE                                 |

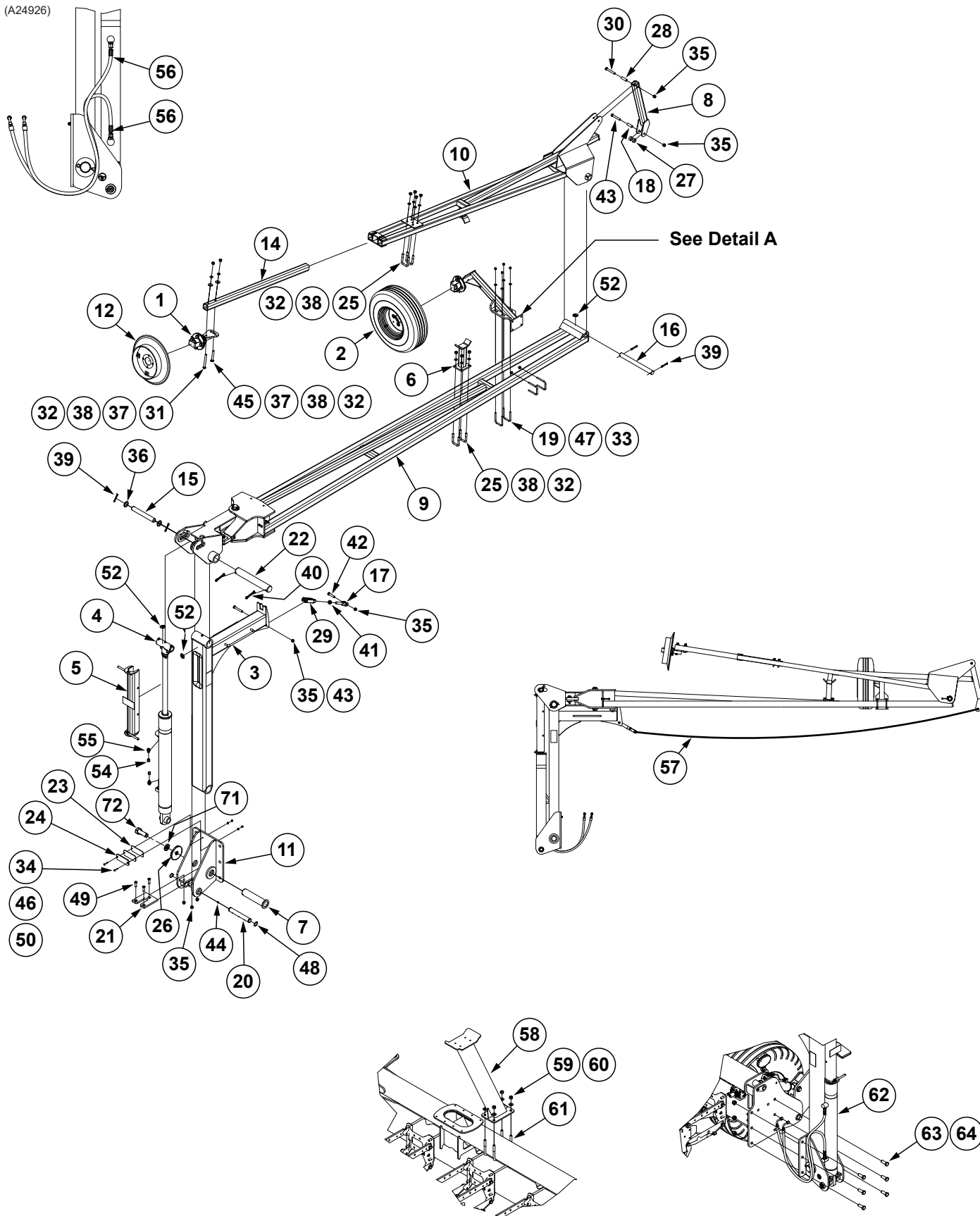
\*\*Not stocked by Kinze repair parts, but is available in bulk. Order part number: GD17150-00, Urethane Tubing, 3/8" O.D. x 250'.

(A25311)



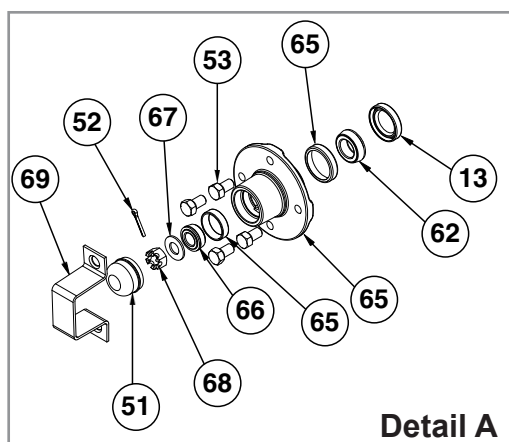
| ITEM | PART NO.  | QTY. | DESCRIPTION                                       |
|------|-----------|------|---------------------------------------------------|
| 1    | GD25638   | 1    | DF Block                                          |
| 2    | GD17141   | 1    | Connector, 1/4" Male NPT                          |
| 3    | GA20370   | 2    | 12 VDC Air Valve                                  |
| 4    | GD19238   | 1    | Nipple, 1/4" NPT                                  |
| 5    | GD19237   | 1    | Tee, 1/4" NPT                                     |
| 6    | GD17143   | 1    | Swivel Elbow, 1/4" NPT x 3/8"                     |
| 7    | GA21405   | 1    | Pressure Gauge                                    |
| 8    | GA14804   | 1    | Pressure Sensor (Blue Drive®)                     |
|      | G5406-02P | 1    | Hex Head Plug, 1/8" NPT (w/ AgLeader)             |
| 9    | GD12557   | 4    | Male 20-18 AWG Terminal Pin                       |
|      | GD12558   | 4    | Cable Seal, 18-16 AWG                             |
|      | GD19811   | 1    | 4 Pin Receptacle, Black                           |
| A    | GA25311   | -    | 12 VDC Air Valve Complete (Items 1-9) Blue Drive® |
| B    | GA20088   | -    | 12 VDC Air Valve Complete (Items 1-9), AgLeader   |

(A24926)



(Continued on the following pages.)





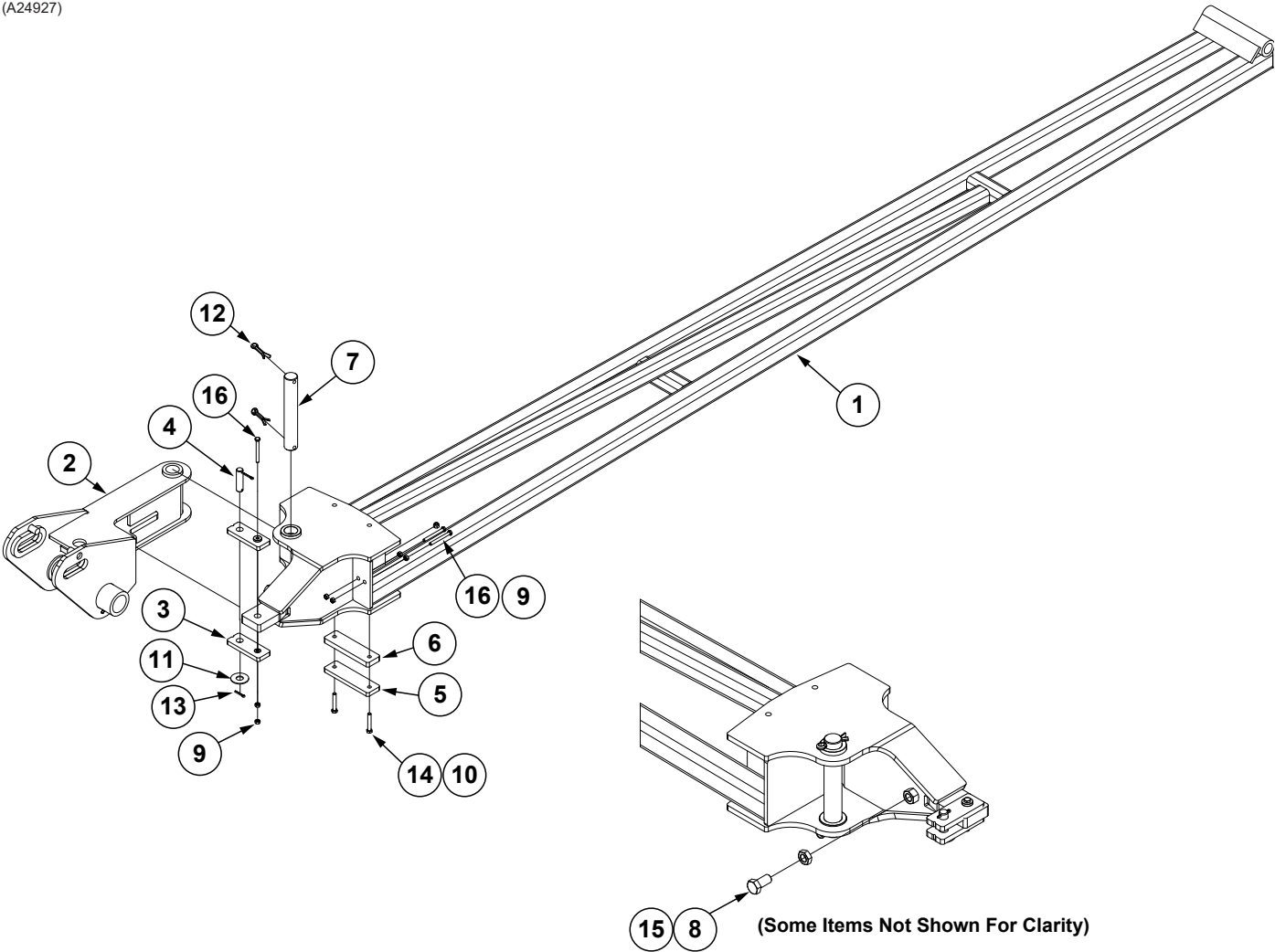
| ITEM | PART NO.  | QTY.<br>(Per Assy.) | DESCRIPTION                                                     |
|------|-----------|---------------------|-----------------------------------------------------------------|
| 1    | GA13719   | 1                   | <a href="#">See "Row Marker Spindle/Hub/Blade" on page P140</a> |
| 2    | GA17768   | 1                   | Rim, Gray                                                       |
|      | GD15489   | 1                   | Tire, 20.5 x 8.0-10 (Specify Brand**)                           |
|      | GA10458   | 1                   | Valve Stem                                                      |
| 3    | GA18057   | 1                   | First Stage                                                     |
| 4    | GA18861   | 1                   | <a href="#">See "Row Marker Cylinder" on page P132</a>          |
| 5    | GA18884   | 1                   | Cylinder Lock-up Assembly                                       |
|      | G10874    | -                   | Detent Pin, 1/2" x 3 1/2" Grip                                  |
| 6    | GA20256   | 1                   | Stop Pad                                                        |
| 7    | G10480801 | 1                   | Pin and Plate                                                   |
| 8    | GA21209   | 1                   | Control Arm                                                     |
| 9    | ---       | 1                   | <a href="#">See "Second Stage Marker" on page P138</a>          |
| 10   | GA24735   | 1                   | Third Stage Marker                                              |
| 11   | GA24736   | 1                   | Marker Mount                                                    |
| 12   | GA5861    | 1                   | <a href="#">See "Row Marker Spindle/Hub/Blade" on page P140</a> |
| 13   | GD21540   | 1                   | Grease Seal                                                     |
| 14   | GD0453-07 | 1                   | Extension Tube, 45"                                             |
| 15   | GD0652    | 1                   | Pin, 1 1/4" x 9 1/2"                                            |
| 16   | GD0704    | 1                   | Pin, 1 1/4" x 14"                                               |
| 17   | GD11115   | 1                   | Plain Yoke                                                      |
| 18   | GD19206   | 1                   | Chain Sleeve                                                    |
| 19   | GD19212   | 4                   | U-Bolt, 2 1/2" x 3/8"-16                                        |
| 20   | GD25860   | 1                   | Marker Pin, 1 1/4" x 8 7/8"                                     |
| 21   | GD25862   | 1                   | Wear Stop                                                       |
| 22   | GD25969   | 1                   | Pivot Shaft, 2 1/8" x 14 1/4"                                   |
| 23   | GD26954   | 2                   | Shim Stop                                                       |
| 24   | GD26955   | 1                   | Stop Pad                                                        |
| 25   | GD2721    | 4                   | U-Bolt, 2" x 2" x 1/2"-13                                       |
| 26   | G10481001 | 1                   | Bolt Plate                                                      |
| 27   | GD7817-04 | 2                   | Spacer, 1 1/16" I.D. x 1/2" Long                                |
| 28   | GD7904-09 | 1                   | Sleeve, 5/8" O.D. x .509" I.D. x 2 5/8"                         |
| 29   | GD8218    | 1                   | Yoke                                                            |
| 30   | G10033    | 1                   | Hex Head Cap Screw, 1/2"-13 x 3 1/2"                            |
| 31   | G10045    | 1                   | Hex Head Cap Screw, 1/2"-13 x 4 1/2"                            |
| 32   | G10102    | 10                  | Hex Nut, 1/2"-13                                                |
| 33   | G10108    | 8                   | Lock Nut, 3/8"-16                                               |

| ITEM | PART NO.                             | QTY.<br>(Per Assy.) | DESCRIPTION                                                       |
|------|--------------------------------------|---------------------|-------------------------------------------------------------------|
| 34   | G10110                               | 2                   | Lock Nut, 1/4"-20, Grade B                                        |
| 35   | G10111                               | 7                   | Lock Nut, 1/2"-13                                                 |
| 36   | G10159                               | 2                   | Washer, 1 7/8", 10 Gauge (.1345")                                 |
| 37   | G10168                               | 2                   | Machine Bushing, 1/2", 7 Gauge (.1793")                           |
| 38   | G10228                               | 10                  | Lock Washer, 1/2"                                                 |
| 39   | G10460                               | 4                   | Cotter Pin, 1/4" x 2"                                             |
| 40   | G10461                               | 3                   | Cotter Pin, 3/8" x 3"                                             |
| 41   | G10503                               | 1                   | Hex Jam Nut, 5/8"-11, Grade 2                                     |
| 42   | G10581                               | 1                   | Hex Head Cap Screw, 1/2"-13 x 2 1/4"                              |
| 43   | G10585                               | 2                   | Hex Head Cap Screw, 1/2"-13 x 3 1/4"                              |
| 44   | G10640                               | 1                   | Grease Fitting, 1/4"-28                                           |
| 45   | G10844                               | 1                   | Carriage Bolt, 1/2"-13 x 3 1/2"                                   |
| 46   | G11385                               | 2                   | Flat Washer, 1/4" SAE                                             |
| 47   | G11387                               | 8                   | Flat Washer, 3/8" SAE                                             |
| 48   | G11400                               | 2                   | Retaining Ring, 1 1/4"                                            |
| 49   | G11534                               | 3                   | Hex Flat Head Counter Sunk, 1/2"-13 x 1 3/4"                      |
| 50   | G11570                               | 2                   | Hex Flat Head Cap Screw, 1/4"-20 x 1 1/2"                         |
| 51   | GD0840                               | 1                   | Dust Cap                                                          |
| 52   | G10544                               | 1                   | Cotter Pin, 5/32" x 1"                                            |
| 53   | GD3248                               | 4                   | Lug Bolt, 1/2"-20 x 1 1/4"                                        |
| 54   | G304-C-6                             | 2                   | Cap Nut, 9/16"-18                                                 |
| 55   | G6400-06-08<br>GR1037                | 2                   | Connector W/O-Ring, 9/16"-18 Male JIC To 3/4"-16 O-Ring<br>O-Ring |
| 56   | *A15097-53                           | 2                   | Hose Assembly, 3/8" (06F-06L90F)                                  |
| 57   | GD35380                              | 1                   | Wire Rope, 143 1/2"                                               |
| 58   | GA18734                              | 1                   | Marker Stand                                                      |
| 59   | G10104                               | 4                   | Hex Nut, 5/8"-11                                                  |
| 60   | G11391                               | 4                   | Flat Washer, 5/8" SAE                                             |
| 61   | GD16598                              | 2                   | U-Bolt, 4" x 7" x 5/8"-11                                         |
| 62   | GA0245                               | 1                   | Bearing                                                           |
| 63   | G10026                               | 6                   | Hex Head Cap Screw, 3/4"-10 x 2"                                  |
| 64   | G10112                               | 6                   | Lock Nut, 3/4"-10                                                 |
| 65   | GA0167<br>GR0151<br>GR0150<br>GB0165 | 1<br>-<br>-<br>-    | Hub W/Cups, 4 Bolt<br>Outer Cup<br>Inner Cup<br>Hub, 4 Bolt       |
| 66   | GA0257                               | 1                   | Bearing                                                           |
| 67   | G11391                               | 1                   | Flat Washer, 5/8" SAE                                             |
| 68   | G10725                               | 1                   | Slotted Hex Nut, 5/8"-18                                          |
| 69   | GD2597                               | 1                   | Retainer                                                          |
| 70   | GA0160R<br>GA0160L                   | 1<br>-              | Support, R.H.<br>Support, L.H. (Shown)                            |
| 71   | G11391                               | 1                   | Flat Washer, 5/8" SAE                                             |
| 72   | G10141901                            | 1                   | Hex Head Cap Screw, 5/8"-11 x 1-3/4", Grade 8                     |

\* Hydraulic hose is not stocked by Kinze Repair Parts, but can be made available on a special order basis. Call for quote.

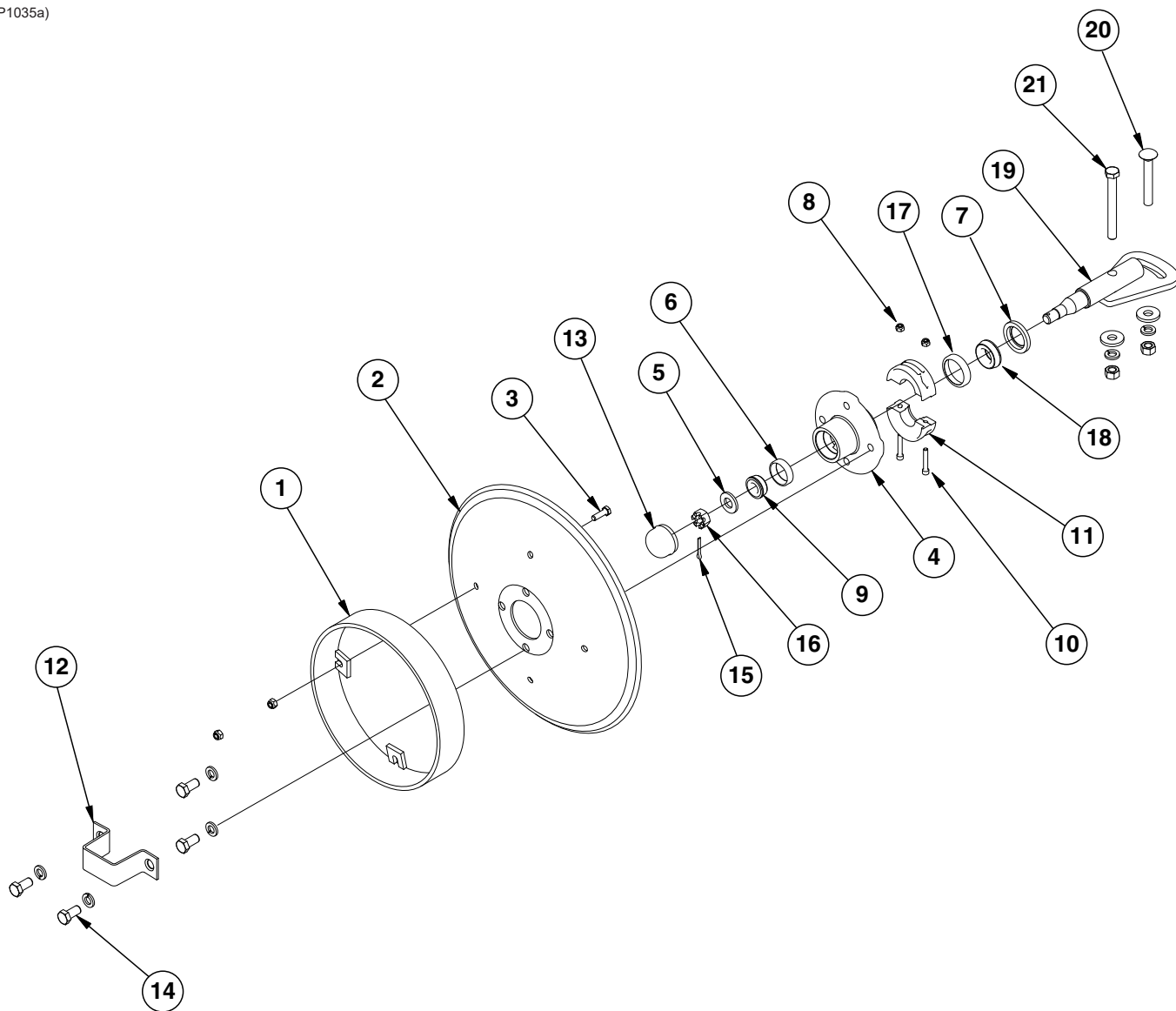
\*\*Specific brand requests will be supplied only as available from current Kinze Repair Parts stock. If a specific brand requested is not in stock, the brand available will be supplied.

(A24927)



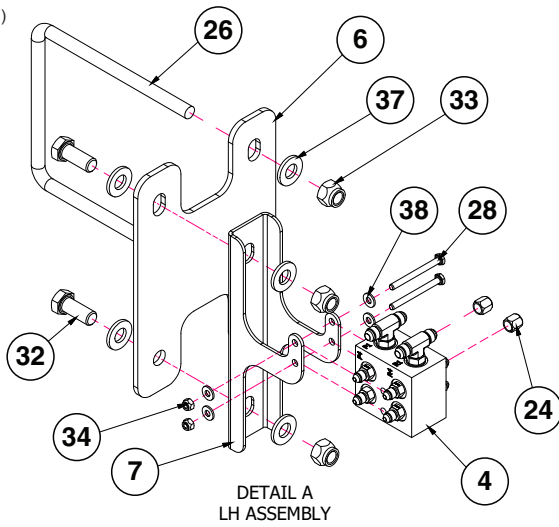
| ITEM | PART NO. | QTY.<br>(Per Assy.) | DESCRIPTION                                               |
|------|----------|---------------------|-----------------------------------------------------------|
| 1    | GA24734  | 1                   | Second Stage, R.H.                                        |
|      | GA25287  | -                   | Second Stage, L.H.                                        |
| 2    | GA18870  | 1                   | R.H. Second Stage Knuckle                                 |
|      | GA18869  | -                   | L.H. Second Stage Knuckle                                 |
| 3    | GA18485  | 2                   | Shear Strap                                               |
| 4    | GD26872  | 1                   | Shear Strap Pin                                           |
| 5    | GD26204  | 1                   | Stop Pad                                                  |
| 6    | GD25965  | 1                   | Mount Spacer                                              |
| 7    | GD25959  | 1                   | Breakaway Pivot Pin                                       |
| 8    | G10025   | 1                   | Hex Head Cap Screw, $\frac{3}{4}$ "-10 x $1\frac{1}{2}$ " |
| 9    | G10106   | 6                   | Hex Nut, $\frac{5}{16}$ "-18                              |
| 10   | G10108   | 2                   | Lock Nut, $\frac{3}{8}$ "-16                              |
| 11   | G10218   | 1                   | Washer, $\frac{3}{4}$ " USS                               |
| 12   | G10468   | 2                   | Cotter Pin, $\frac{3}{8}$ " x 2"                          |
| 13   | G10544   | 2                   | Cotter Pin, $\frac{5}{32}$ " x 1"                         |
| 14   | G10939   | 2                   | Hex Head Cap Screw, $\frac{3}{8}$ "-16 x $2\frac{1}{4}$ " |
| 15   | G11087   | 1                   | Hex Nut, $\frac{3}{4}$ "-10                               |
| 16   | G11553   | 3                   | Hex Head Cap Screw, $\frac{5}{16}$ "-18 x 3"              |

(IP1035a)

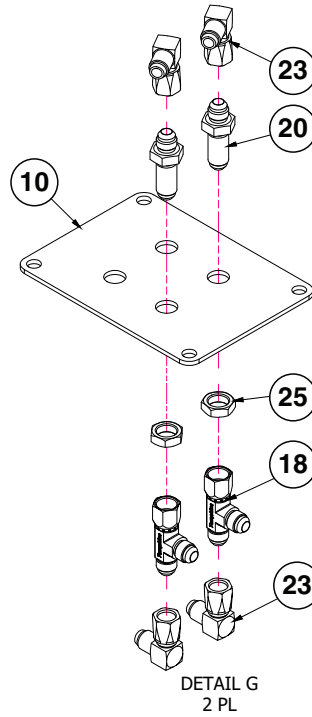


| ITEM | PART NO. | QTY.<br>(Per Assy.) | DESCRIPTION                                                      |
|------|----------|---------------------|------------------------------------------------------------------|
| 1    | GA5853   | 1                   | Depth Band                                                       |
| 2    | GD0746   | 1                   | Disc Blade, Solid, 16" (Shown)                                   |
|      | GD10283  | -                   | Disc Blade, Notched, 16" (Optional)                              |
| 3    | G10019   | 4                   | Hex Head Cap Screw, $\frac{5}{16}$ "-18 x 1"                     |
|      | G10109   | 4                   | Lock Nut, $\frac{5}{16}$ "-18, Grade 8                           |
| 4    | GA0167   | 1                   | Hub W/Cups, 4 Bolt (Includes Items 6 and 17)                     |
| 5    | G11391   | 1                   | Flat Washer, $\frac{5}{8}$ " SAE                                 |
| 6    | GR0151   | 1                   | Outer Cup                                                        |
| 7    | GD21540  | 1                   | Grease Seal                                                      |
| 8    | G10110   | 2                   | Lock Nut, $\frac{1}{4}$ "-20, Grade B                            |
| 9    | GA0257   | 1                   | Bearing                                                          |
| 10   | G11418   | 2                   | Hex Socket Head Cap Screw, $\frac{1}{4}$ "-20 x $1\frac{1}{2}$ " |
| 11   | GB0554   | 2                   | Hub Shield                                                       |
| 12   | GD2597   | 1                   | Retainer                                                         |
| 13   | GD0840   | 1                   | Dust Cap                                                         |
| 14   | G10722   | 4                   | Hex Head Cap Screw, $\frac{1}{2}$ "-20 x 1"                      |
|      | G10228   | 4                   | Lock Washer, $\frac{1}{2}$ "                                     |
| 15   | G10544   | 1                   | Cotter Pin, $\frac{5}{32}$ " x 1"                                |
| 16   | G10725   | 1                   | Slotted Hex Nut, $\frac{5}{8}$ "-18                              |
| 17   | GR0150   | 1                   | Inner Cup                                                        |
| 18   | GA0245   | 1                   | Bearing                                                          |
| 19   | GA15151  | 1                   | Spindle                                                          |
| 20   | G10844   | 1                   | Carriage Bolt, $\frac{1}{2}$ "-13 x $3\frac{1}{2}$ "             |
|      | G10168   | 1                   | Machine Bushing, $\frac{1}{2}$ ", 7 Gauge                        |
|      | G10228   | 1                   | Lock Washer, $\frac{1}{2}$ "                                     |
|      | G10102   | 1                   | Hex Nut, $\frac{1}{2}$ "-13                                      |
| 21   | G10045   | 1                   | Hex Head Cap Screw, $\frac{1}{2}$ "-13 x $4\frac{1}{2}$ "        |
|      | G10168   | 2                   | Machine Bushing, $\frac{1}{2}$ ", 7 Gauge                        |
|      | G10228   | 2                   | Lock Washer, $\frac{1}{2}$ "                                     |
|      | G10102   | 2                   | Hex Nut, $\frac{1}{2}$ "-13                                      |
| A    | GA13719  | -                   | Hub And Spindle Assembly, (Items 4-7, 9, and 12-19)              |

(102914)

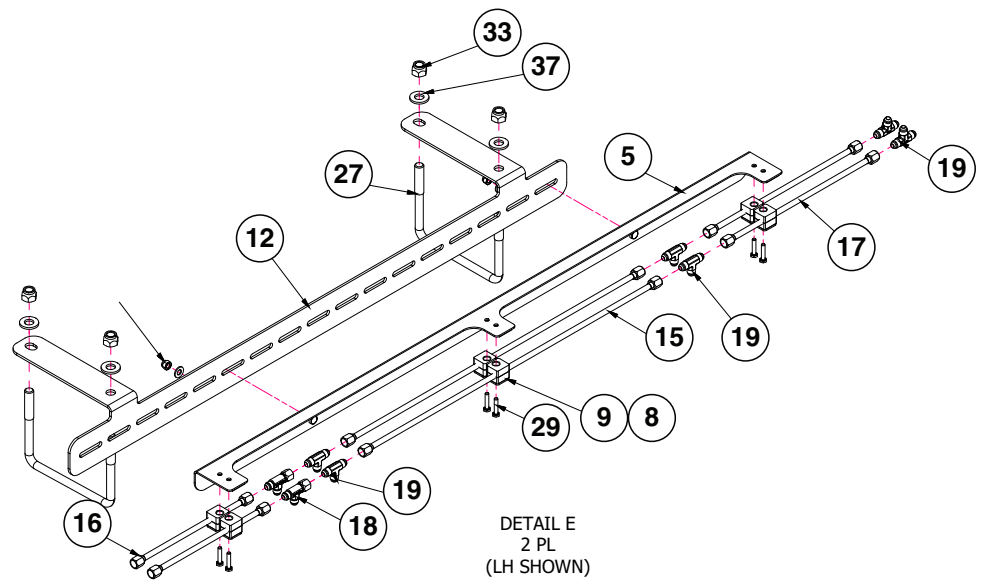
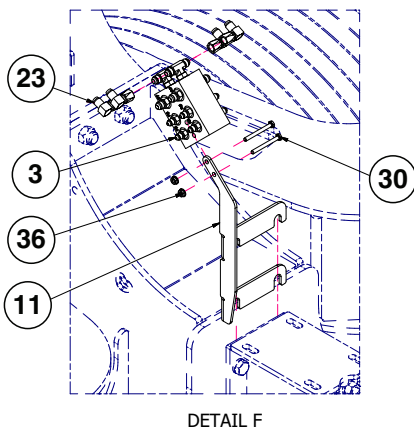


14



39 35 31

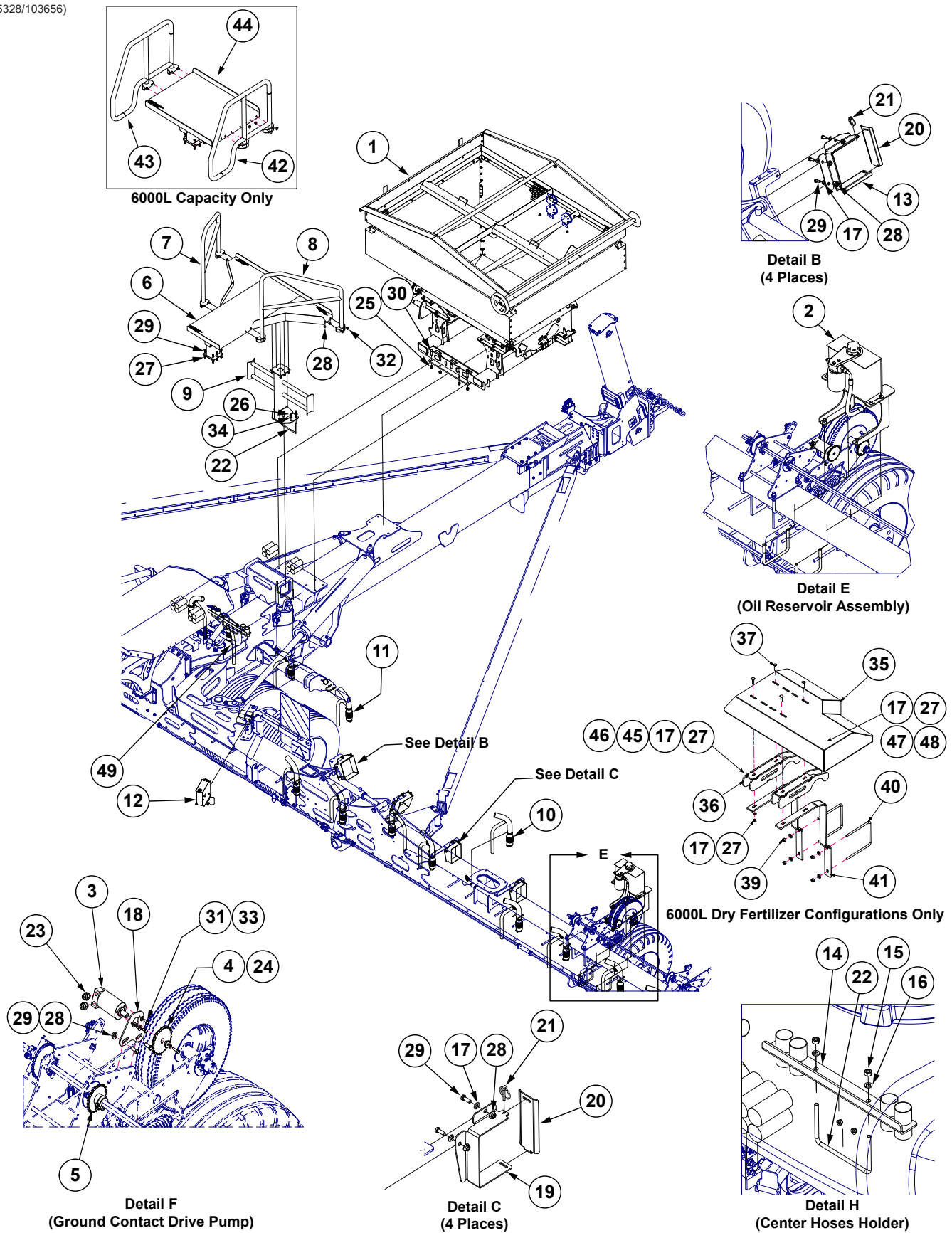
13



| ITEM | PART NO.     | QTY.<br>(Per Assy.) | DESCRIPTION                                                                     |
|------|--------------|---------------------|---------------------------------------------------------------------------------|
| 1    | ---          | -                   | ---                                                                             |
| 2    | ---          | -                   | ---                                                                             |
| 3    | GA26493      | 1                   | <a href="#">See "Hydraulic Down Force Center Junction Block" on page P225</a>   |
| 4    | GA25477      | 2                   | <a href="#">See "Hydraulic Down Force Junction Block Assembly" on page P226</a> |
| 5    | GA26766      | 2                   | Tube Support Bracket                                                            |
| 6    | G10291601    | 2                   | Offset Plate                                                                    |
| 7    | GD35908      | 2                   | Hydraulic Block Mount                                                           |
| 8    | GD36667      | 12                  | Tube Clamp Set                                                                  |
| 9    | GD36666      | 12                  | Plate Tube Clamp Cover                                                          |
| 10   | G10291801    | 2                   | Stub Wing Bulkhead Plate                                                        |
| 11   | G10434101    | 1                   | Hydraulic Junction Block Mount                                                  |
| 12   | G10292101    | 2                   | Hose Support                                                                    |
| 13   | G10296101    | 2                   | Hose Support                                                                    |
| 14   | G10425001    | 4                   | Angle                                                                           |
| 15   | GA27099-28   | 4                   | Tube Assembly, 3/8" x 0.49" x 28"                                               |
| 16   | GA27099-10.5 | 4                   | Tube Assembly, 3/8" x 0.49" x 10.5"                                             |
| 17   | GA27099-14   | 4                   | Tube Assembly, 3/8" x 0.49" x 14"                                               |
| 18   | G6602-06     | 8                   | Swivel Tee, 9/16"-18 JIC                                                        |
| 19   | G2603-06     | 12                  | Tee, 9/16"-18 Male JIC                                                          |
| 20   | G2700-06-06  | 4                   | Bulkhead Tube Union, 9/16"-18 Male JIC                                          |
| 21   | ---          | -                   | ---                                                                             |
| 22   | ---          | -                   | ---                                                                             |
| 23   | G6500-06     | 12                  | 90° Swivel Elbow, 9/16"-18 x 3/4"-16                                            |
| 24   | G304-C-04    | 4                   | Cap Nut, 7/16"-20                                                               |
| 25   | G306-06      | 4                   | Lock Nut, 9/16"-18                                                              |
| 26   | GD1114       | 2                   | Spacer                                                                          |
| 27   | GD16598      | 4                   | U-Bolt, 4" x 7" x 5/8"-11                                                       |
| 28   | G10746       | 4                   | Hex Head Cap Screw, 1/4"-20 x 2 3/4"                                            |
| 29   | G10857       | 12                  | Hex Head Cap Screw, 1/4"-20 x 1 1/4"                                            |
| 30   | G10403       | 2                   | Hex Head Cap Screw, 1/4"-20 x 2 1/2"                                            |
| 31   | G10001       | 8                   | Hex Head Cap Screw, 3/8"-16 x 1"                                                |
| 32   | G10007       | 4                   | Hex Head Cap Screw, 5/8"-11 x 1 1/2"                                            |
| 33   | G10107       | 16                  | Lock Nut, 5/8"-11                                                               |
| 34   | G10110       | 4                   | Lock Nut, 1/4"-20, Grade B                                                      |
| 35   | G10108       | 8                   | Lock Nut, 3/8"-16                                                               |
| 36   | G10621       | 2                   | Serrated Flange Nut, 1/4"-20                                                    |
| 37   | G11391       | 20                  | Flat Washer, 5/8" SAE                                                           |
| 38   | G11385       | 8                   | Flat Washer, 1/4" SAE                                                           |
| 39   | G11387       | 12                  | Flat Washer, 3/8" SAE                                                           |



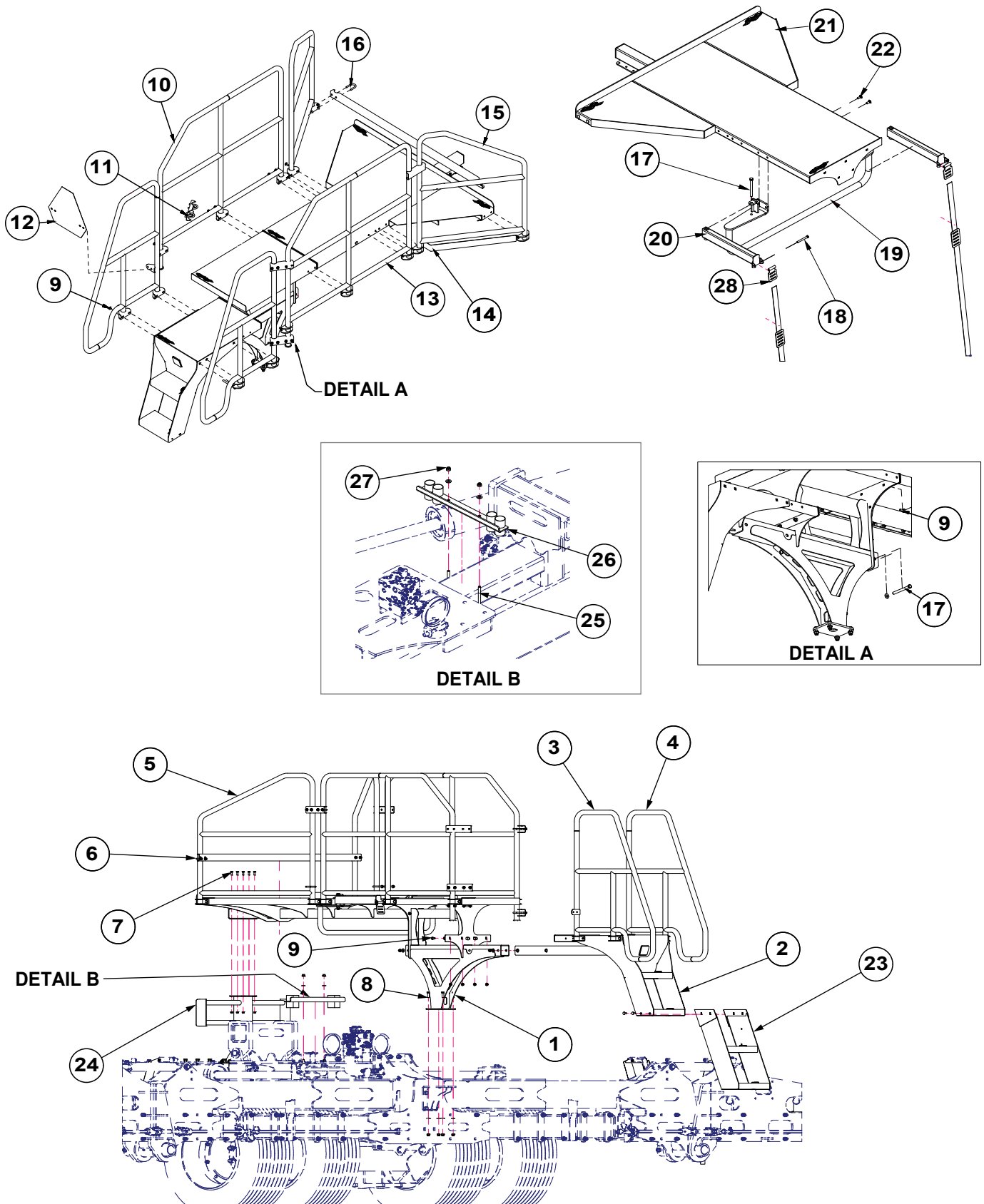
(A25328/103656)



| ITEM | PART NO.                                    | QTY.             | DESCRIPTION                                                                                                               |
|------|---------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------|
| 1    | ---                                         | 1                | <a href="#">See "Dry Fertilizer Tank (3000-6000 Liters)" on page P152</a>                                                 |
| 2    | ---                                         | 1                | <a href="#">See "Oil Reservoir" on page P149</a>                                                                          |
| 3    | GA25335<br>GR2290<br>GR2291                 | 1<br>-<br>-      | Hydraulic Motor<br>Seal Kit<br>Parallel Key, $\frac{3}{16}$ " x $\frac{3}{4}$ "                                           |
| 4    | GA25015<br>G10229701<br>G10229601<br>G10227 | 1<br>1<br>1<br>1 | Sprocket, 24 Tooth<br>Drive Sprocket Lock<br>Hex Head Cap Screw, $\frac{1}{4}$ "-28 x 1"<br>Lock Washer, $\frac{1}{4}$ "  |
| 5    | GA5109<br>G10233<br>GA11331                 | 1<br>AR<br>1     | Sprocket, 24 Tooth<br>Machine Bushing, 1 $\frac{1}{2}$ " x $\frac{1}{32}$ ", 10 Gauge (.1345")<br>Hex Lock Clamp Assembly |
| 6    | GA24801                                     | 1                | Bulk Fill/Dry Fertilizer Catwalk                                                                                          |
| 7    | GA24802                                     | 1                | Handrail                                                                                                                  |
| 8    | GA24803                                     | 1                | Handrail                                                                                                                  |
| 9    | GA24853                                     | 1                | Support                                                                                                                   |
| 10   | ---                                         | 20               | <a href="#">See "Air Release Tube Assemblies" on page P151</a>                                                            |
| 11   | ---                                         | 4                | <a href="#">See "Air Release Tube Assemblies" on page P151</a>                                                            |
| 12   | GA25468<br>G10830801                        | 2<br>2           | Dry Fertilizer Hose Holder Assembly<br>Spacer                                                                             |
| 13   | GA25276                                     | 4                | Hose Bracket                                                                                                              |
| 14   | GA25925                                     | 1                | Hose Holder                                                                                                               |
| 15   | G10102                                      | 2                | Hex Nut, $\frac{1}{2}$ "-13                                                                                               |
| 16   | G10228                                      | 2                | Lock Washer, $\frac{1}{2}$ "                                                                                              |
| 17   | G11387                                      | 34               | Flat Washer, $\frac{3}{8}$ " SAE                                                                                          |
| 18   | GD35462                                     | 1                | Hydraulic Motor Mount Plate                                                                                               |
| 19   | GD35234                                     | 4                | Hose Bracket                                                                                                              |
| 20   | GD35235                                     | 8                | Hose Clamp                                                                                                                |
| 21   | GD2558                                      | 8                | Lynch Pin, $\frac{1}{4}$ "                                                                                                |
| 22   | GD34924                                     | 3                | U-Bolt, 8" x 5" x $\frac{1}{2}$ "-13                                                                                      |
| 23   | G6400-08-06<br>GR1045                       | 2<br>-           | Connector W/O-Ring, $\frac{3}{4}$ "-16 Male JIC To $\frac{1}{8}$ "-18 O-Ring<br>O-Ring                                    |
| 24   | G3310-54<br>GR0912                          | 1<br>-           | Chain, No. 40, 54 Pitch Including Connector Link<br>Connector Link, No. 40                                                |
| 25   | G10107                                      | 12               | Lock Nut, $\frac{5}{8}$ "-11                                                                                              |
| 26   | G10111                                      | 4                | Lock Nut, $\frac{1}{2}$ "-13                                                                                              |
| 27   | G10108                                      | 20               | Lock Nut, $\frac{3}{8}$ "-16                                                                                              |
| 28   | G11091                                      | 30               | Serrated Flange Nut, $\frac{3}{8}$ "-16                                                                                   |
| 29   | G10001                                      | 34               | Hex Head Cap Screw, $\frac{3}{8}$ "-16 x 1"                                                                               |
| 30   | G10008                                      | 12               | Hex Head Cap Screw, $\frac{5}{8}$ "-11 x 2"                                                                               |
| 31   | G10375901                                   | 3                | Hex Head Cap Screw, $\frac{1}{4}$ "-20 x $\frac{1}{2}$ "                                                                  |
| 32   | G10305                                      | 8                | Carriage Bolt, $\frac{3}{8}$ "-16 x 1"                                                                                    |
| 33   | G10211                                      | 3                | Washer, $\frac{1}{4}$ " SAE                                                                                               |
| 34   | G11389                                      | 4                | Flat Washer, $\frac{1}{2}$ " Plated SAE                                                                                   |
| 35   | G10519401<br>G10533101                      | 1<br>1           | Hose Support, R.H.<br>Hose Support, L.H.                                                                                  |
| 36   | G10519601<br>GD1862<br>G10830701            | 4<br>AR<br>4     | Bracket<br>Tank Pad, 8" x 14' Roll<br>Spacer Tube                                                                         |
| 37   | G10307                                      | 8                | Carriage Bolt, $\frac{3}{8}$ "-16 x $3 \frac{1}{2}$ "                                                                     |
| 39   | G10102<br>G11389                            | 12<br>12         | Hex Nut, $\frac{1}{2}$ "-13<br>Flat Washer, $\frac{1}{2}$ " Plated SAE                                                    |
| 40   | GD7145                                      | 6                | U-Bolt, 7" x 7" x $\frac{1}{2}$ "-13                                                                                      |

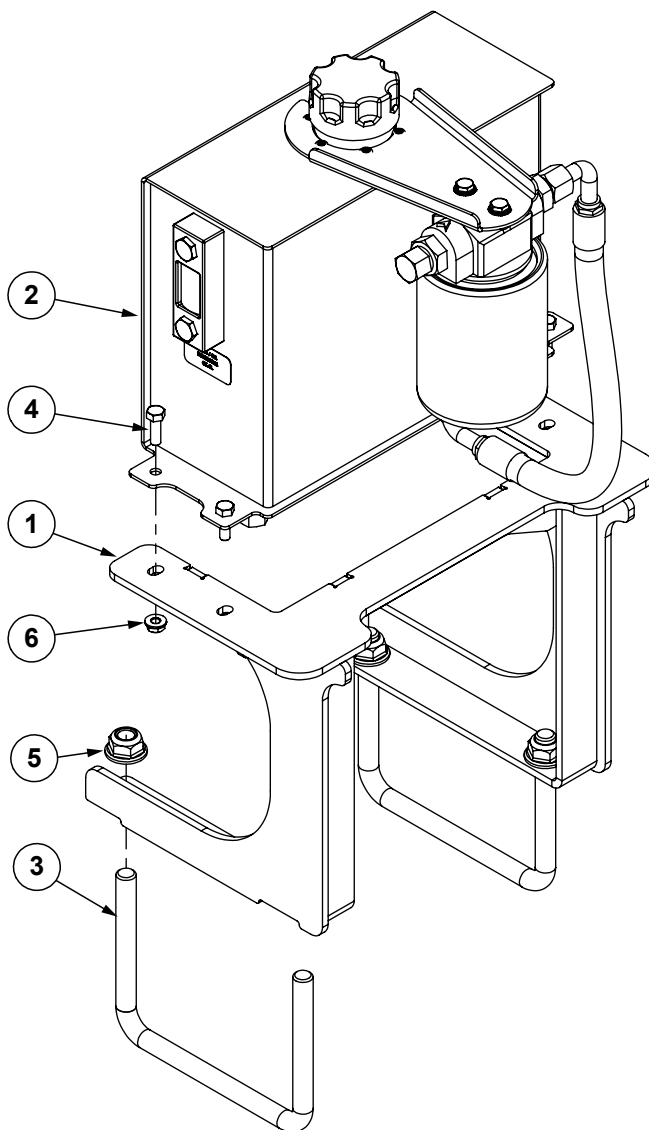
| ITEM | PART NO.  | QTY. | DESCRIPTION                          |
|------|-----------|------|--------------------------------------|
| 41   | G10519501 | 4    | Mount Plate                          |
| 42   | G10359201 | 1    | Handrail                             |
| 43   | G10359301 | 1    | Handrail                             |
| 44   | G10359101 | 1    | Bulk Dry Fertilizer Catwalk (6000L)  |
| 45   | G10003    | 4    | Hex Head Cap Screw, 3/8"-16 x 1 1/2" |
| 46   | G10831001 | 2    | Side Bracket                         |
| 47   | G10831401 | 2    | Bracket                              |
| 48   | G10301    | 2    | Carriage Bolt, 3/8"-16 x 1 1/2"      |
| 49   | G10428201 | 2    | Strap Fix Plate                      |
|      | GD0829    | 2    | Spring                               |
|      | GD11124   | 1    | Polyester Strap, 1-3/4" x 84"        |

(A25615)



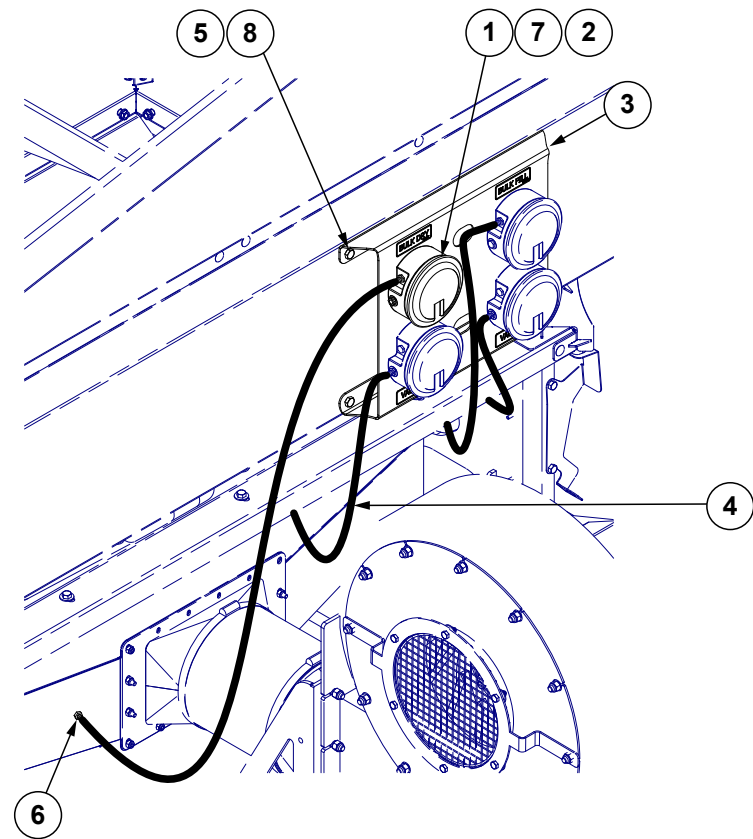
| ITEM | PART NO.  | QTY. | DESCRIPTION                          |
|------|-----------|------|--------------------------------------|
| 1    | GA24886   | 1    | Catwalk Rear                         |
| 2    | GA24724   | 1    | Catwalk Ladder                       |
| 3    | GA24730   | 1    | Handrail                             |
| 4    | GA24731   | 1    | Handrail                             |
| 5    | GA25624   | 1    | Handrail                             |
| 6    | G10108    | 6    | Lock Nut, 3/8"-16                    |
|      | G10001    | 6    | Hex Head Cap Screw, 3/8"-16 x 1"     |
| 7    | GD35561   | 1    | Bracket                              |
| 8    | G10017    | 4    | Hex Head Cap Screw, 1/2"-13 x 1 1/2" |
|      | G10111    | 4    | Lock Nut, 1/2"-13                    |
|      | G11389    | 4    | Flat Washer, 1/2" Plated SAE         |
| 9    | G11091    | 34   | Serrated Flange Nut, 3/8"-16         |
|      | G10305    | 34   | Carriage Bolt, 3/8"-16 x 1"          |
| 10   | GA25625   | 1    | Handrail                             |
| 11   | G11387    | 28   | Hardened Washer, 3/8" SAE            |
|      | G10108    | 28   | Lock Nut, 3/8"-16                    |
| 12   | GD27204   | 1    | SMV Backer Plate                     |
| 13   | GA25622   | 1    | Handrail                             |
| 14   | GD34545   | 6    | Bracket                              |
| 15   | GA25623   | 1    | Handrail                             |
| 16   | GD27190   | 14   | U-Bolt, 1-1/2" x 3/8"-16             |
| 17   | G10348    | 4    | Hex Head Cap Screw, 1/2"-13 x 5"     |
|      | G11389    | 4    | Flat Washer, 1/2" Plated SAE         |
|      | G10111    | 4    | Lock Nut, 1/2"-13                    |
| 18   | G10809    | 1    | Hex Head Cap Screw, 3/8"-16 x 3 1/4" |
|      | G10108    | 1    | Lock Nut, 3/8"-16                    |
| 19   | GA26668   |      | Hose Holder                          |
| 20   | GA26193   | 2    | Swing Arm                            |
| 21   | GA25616   | 1    | Catwalk                              |
| 22   | G10305    | 4    | Carriage Bolt, 3/8"-16 x 1"          |
| 23   | GA24725   | 1    | Ladder                               |
|      | G10305    | 4    | Carriage Bolt, 3/8"-16 x 1"          |
|      | G11091    | 4    | Serrated Flange Nut, 3/8"-16         |
| 24   | GA25630   | 1    | 5000L Dry Fertilizer Tank Support    |
|      | G11389    | 4    | Flat Washer, 1/2" Plated SAE         |
|      | G10111    | 4    | Lock Nut, 1/2"-13                    |
|      | GD34924   | 2    | U-Bolt, 8" x 5" x 1/2"-13            |
| 25   | GD34924   | 1    | U-Bolt, 8" x 5" x 1/2"-13            |
| 26   | GA25925   | 1    | Hose Holder                          |
| 27   | G11389    | 2    | Flat Washer, 1/2" Plated SAE         |
|      | G10111    | 2    | Lock Nut, 1/2"-13                    |
| 28   | G10428201 | 3    | Strap Fix Plate, 5 Slots             |
|      | GA26179   | 2    | Strap Fix Bracket                    |
|      | GD11124   | 2    | Polyester Strap, 1-3/4" x 84"        |

(A25544)



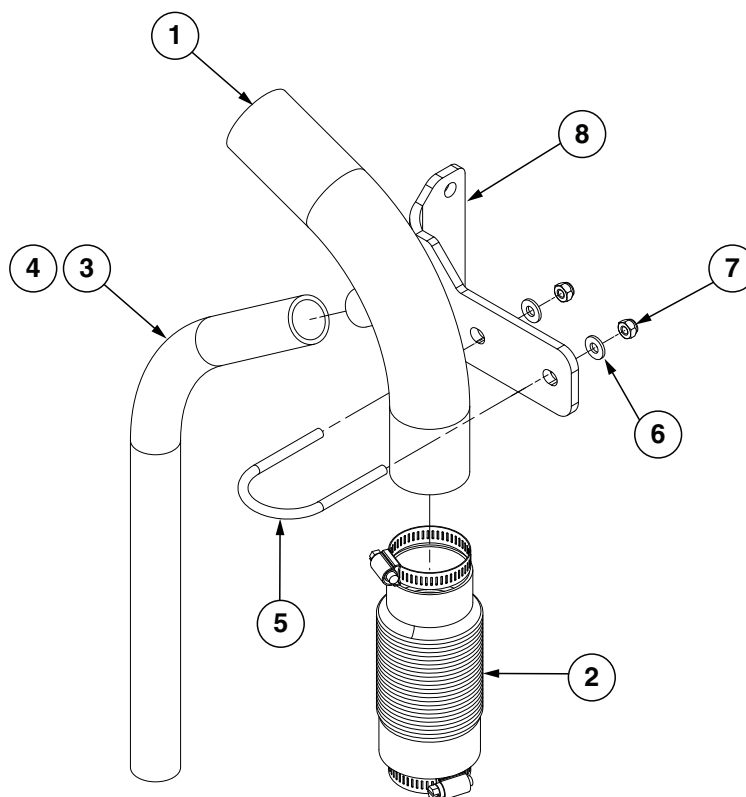
| ITEM | PART NO. | QTY. | DESCRIPTION                         |
|------|----------|------|-------------------------------------|
| 1    | GA25457  | 1    | Oil Reservoir Stand                 |
| 2    | GA25456  | 1    | Oil Reservoir Assembly W/Filter     |
|      | GA25613  | 1    | Breather                            |
|      | GA25334  | 1    | Filter Head                         |
|      | GD35000  | 1    | Filter                              |
| 3    | GD16598  | 2    | U-Bolt, 4" x 7" x 5/8"-11           |
| 4    | G10991   | 4    | Hex Head Cap Screw, 5/16"-18 x 7/8" |
| 5    | G10107   | 4    | Lock Nut, 5/8"-11                   |
| 6    | G10109   | 4    | Lock Nut, 5/16"-18                  |
|      | G11386   | 4    | Flat Washer, 5/16" SAE              |

(A25581)



| ITEM | PART NO.   | QTY. | DESCRIPTION                                   |
|------|------------|------|-----------------------------------------------|
| 1    | GA21406    | 1    | Pressure Gauge                                |
| 2    | GA10799    | 1    | Breather, 1/8" Male NPT                       |
| 3    | GD35532    | 1    | Dry Fertilizer Gauge Mount                    |
| 4    | GD15849-06 | 4    | Clear Tube, 5/16" x 260"                      |
| 5    | G11091     | 4    | Serrated Flange Nut, 3/8"-16                  |
| 6    | GR1777     | 1    | Hose Barb, 1/8" Male NPT To 3/16" Barb        |
| 7    | G11728     | 3    | Phillips Pan Head Machine Screw, #6-32 x 1/2" |
| 8    | G10001     | 4    | Hex Head Cap Screw, 3/8"-16 x 1"              |

(A25501)

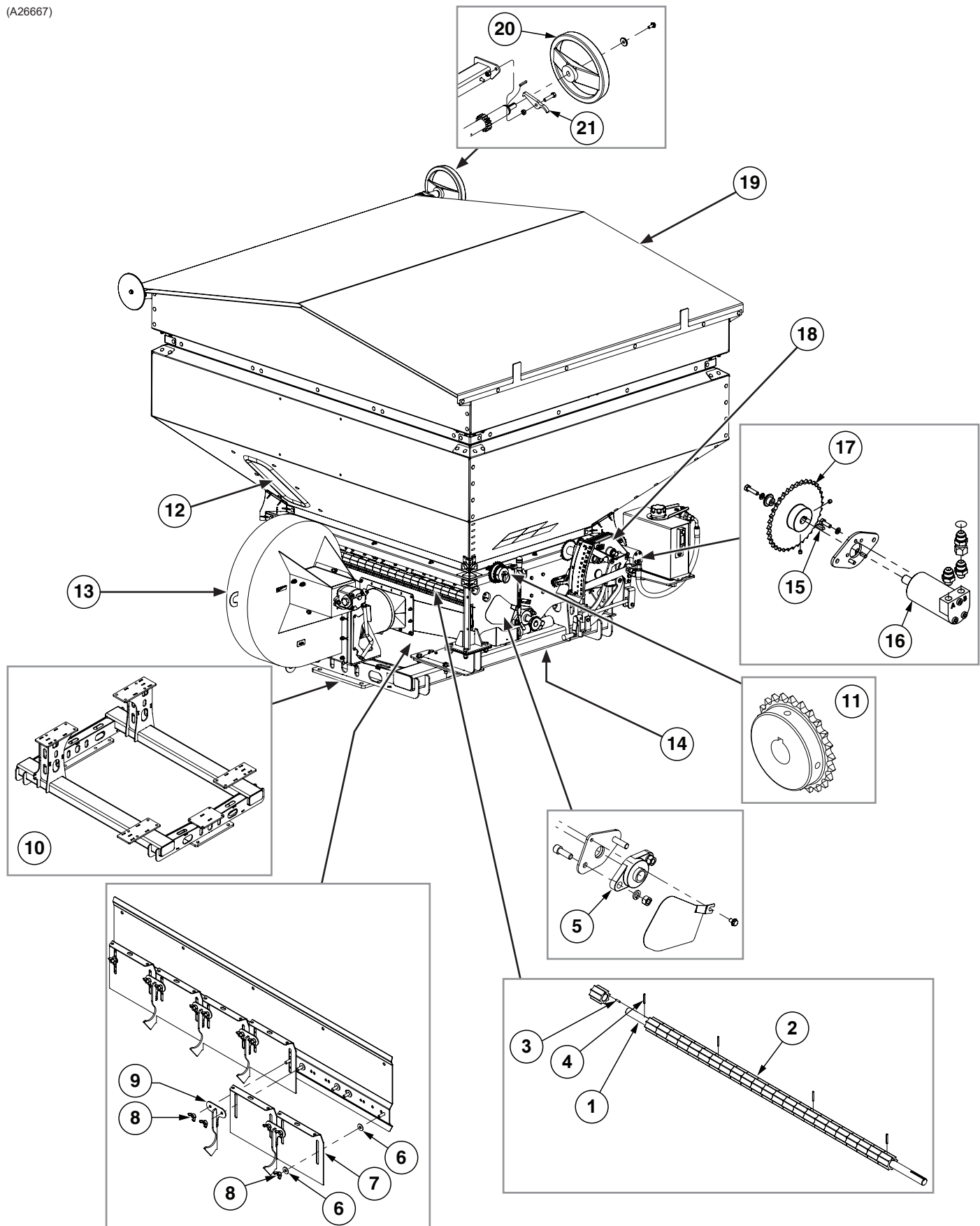


| ITEM | PART NO.   | QTY.<br>(Per<br>Assembly) | DESCRIPTION                         |
|------|------------|---------------------------|-------------------------------------|
| 1    | GA25500    | 1                         | Air Release Tube, 70° Elbow, Short  |
|      | GA25336    | -                         | Air Release Tube, 70° Elbow, Long   |
| 2    | GD21398    | 1                         | Rubber Drop Tube                    |
|      | G10672     | 1                         | Hose Clamp, No. 28                  |
|      | G10676     | 1                         | Hose Clamp, No. 36, Stainless Steel |
| 3    | *D19756-79 | 1                         | Hose, 1¼" x 20"                     |
| 4    | G10278     | 1                         | Hose Clamp, No. 16                  |
| 5    | GD35881    | 1                         | U-Bolt, 2" Diameter, ⅝"-18          |
| 6    | G10379     | 2                         | Flat Washer, ⅝" SAE                 |
| 7    | G11951     | 2                         | Lock Nut, ⅝"-18                     |
| 8    | GD35221    | 1                         | Hose Support                        |

\*Hose not stocked by Kinze repair parts, but is available in bulk (GR1947).

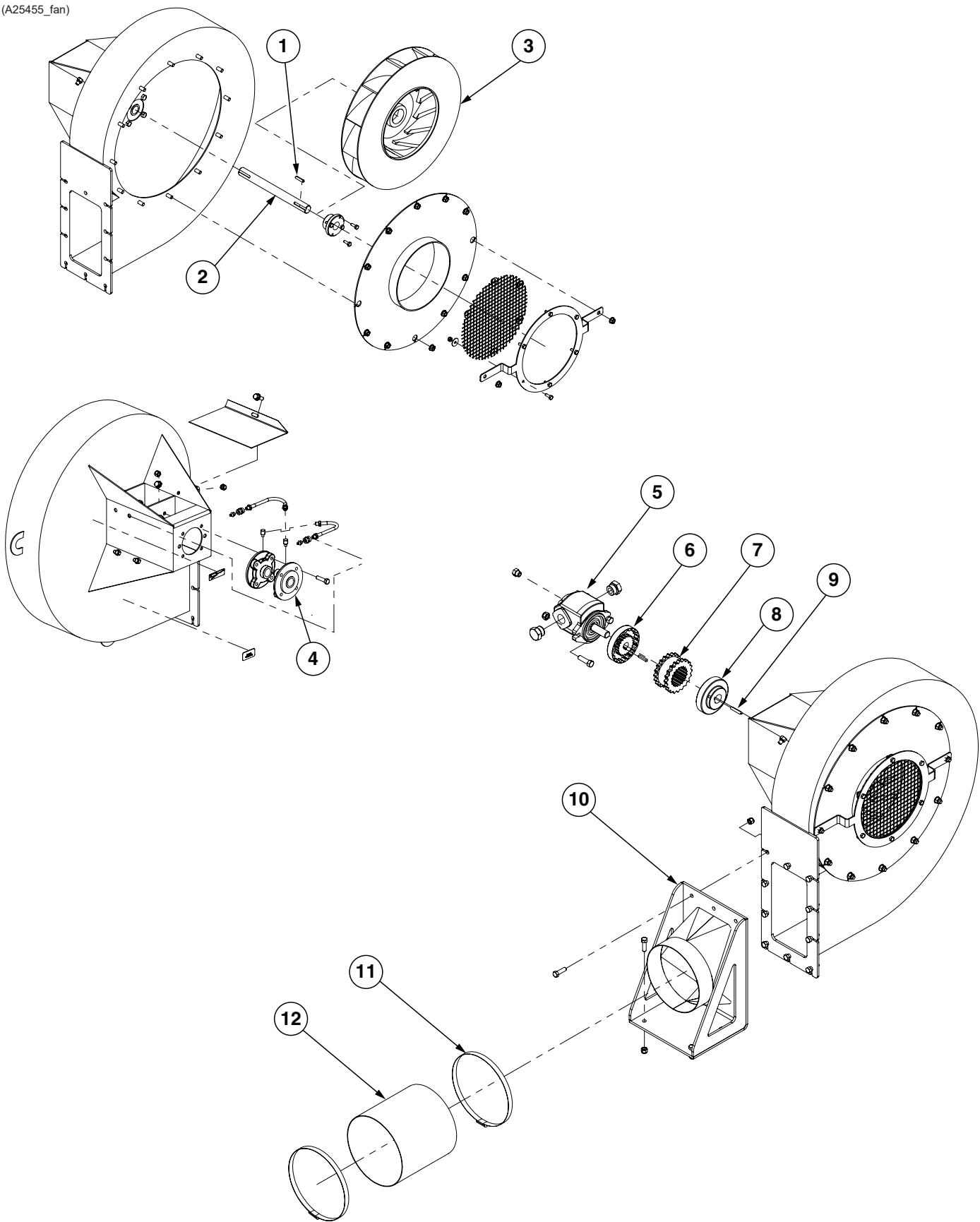


(A26667)

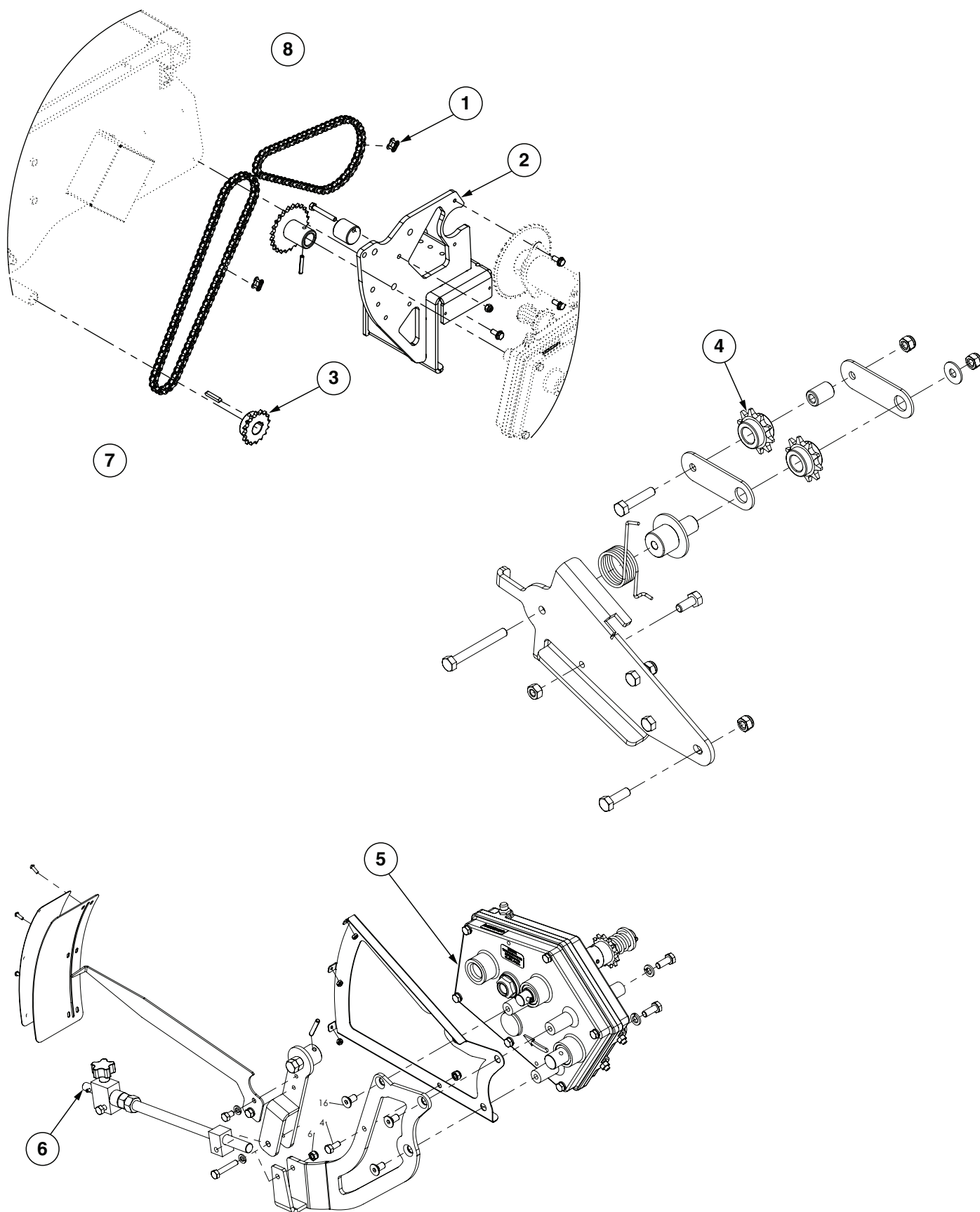


| ITEM | PART NO.   | QTY. | DESCRIPTION                                                        |
|------|------------|------|--------------------------------------------------------------------|
| 1    | GD35531    | 1    | Dry Fertilizer Meter Section                                       |
| 2    | GA25060    | 1    | Fertilizer Metering Shaft Assembly (Includes Items 1 and 3-4)      |
| 3    | GD34992    | 1    | Steel Spring, $\frac{3}{16}$ " x 34"                               |
| 4    | GD34991    | 4    | Steel Spring, $\frac{3}{16}$ " x 1½"                               |
| 5    | GA25333    | 1    | Flange Bearing                                                     |
| 6    | G10379     | 14   | Flat Washer, $\frac{5}{16}$ "                                      |
| 7    | GD34994    | 6    | Gate                                                               |
| 8    | G11919     | 12   | Wing Nut, $\frac{3}{8}$ "-16                                       |
| 9    | GA25063    | 5    | Plate                                                              |
| 10   | GA25089    | 1    | Frame                                                              |
| 11   | GA25018    | 1    | Gear Assembly, 40 x 24 Tooth Hub                                   |
|      | GA25017    | 1    | Gear Assembly, 40 x 20 Tooth Hub                                   |
| 12   | GD35004    | 1    | Side Glass                                                         |
|      | GD35005-42 | 1    | Glass Rubber                                                       |
| 13   | ---        | -    | <a href="#">See "Dry Fertilizer Fan" on page P154</a>              |
| 14   | ---        | -    | <a href="#">See "Air Distribution System" on page P158</a>         |
| 15   | GR2291     | 1    | Parallel Key, $\frac{3}{16}$ " x $\frac{3}{4}$ "                   |
| 16   | GA25335    | 1    | Hydraulic Motor                                                    |
|      | GR2290     | -    | Seal Kit                                                           |
|      | GR2291     | -    | Parallel Key, $\frac{3}{16}$ " x $\frac{3}{4}$ "                   |
| 17   | GA25016    | 1    | Gear Assembly, 40 x 36 Tooth Hub                                   |
| 18   | ---        | -    | <a href="#">See "Variable Hydraulic Transmission" on page P156</a> |
| 19   | GD36261    | -    | Tarp, 103" x 113", Black (5000L Capacity)                          |
|      | GD35007    | -    | Tarp, 75" x 102", Black (3000L Capacity)                           |
|      | G10511101  | -    | Tarp, 127" x 113", Black (6000L Capacity)                          |
| 20   | GD35006    | 1    | Hand Wheel                                                         |
| 21   | GD35009    | 1    | Latch                                                              |

(A25455\_fan)

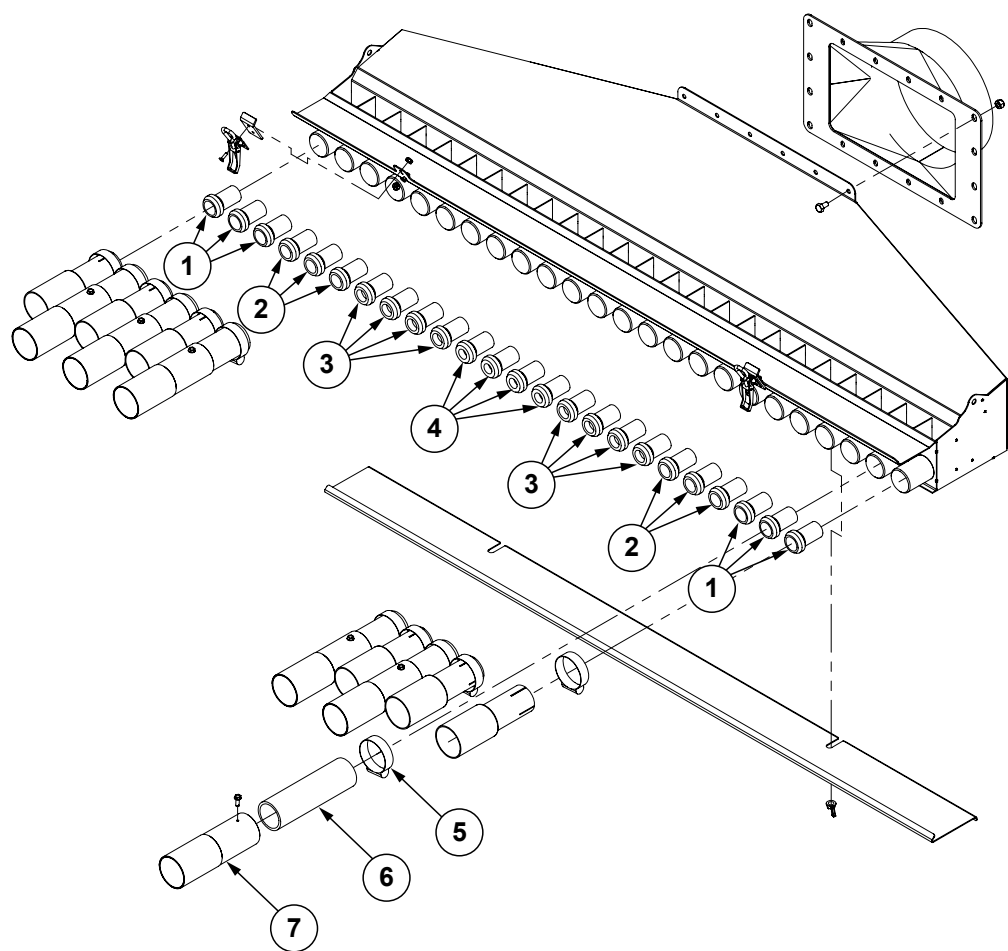


| ITEM | PART NO.  | QTY. | DESCRIPTION           |
|------|-----------|------|-----------------------|
| 1    | GR2331    | 1    | Key                   |
| 2    | GD34974   | 1    | Blower Shaft          |
| 3    | GD34973   | 1    | Rotor                 |
| 4    | GA25332   | 2    | Flanged Bearing       |
| 5    | GA25331   | 1    | Hydraulic Gear Pump   |
|      | GR2268    | 1    | Seal Kit              |
|      | GR2310    | 1    | Key                   |
| 6    | GD34977   | 1    | Coupling Hub, Half    |
| 7    | GD34975   | 1    | Coupling              |
| 8    | GD34976   | 1    | Coupling Hub, Half    |
| 9    | GR2330    | 1    | Key                   |
| 10   | GA25090   | 1    | Blower Bracket        |
| 11   | GD34978   | 2    | Heavy Duty Hose Clamp |
| 12   | GD34979-8 | 1    | Flexible Air Hose, 8" |



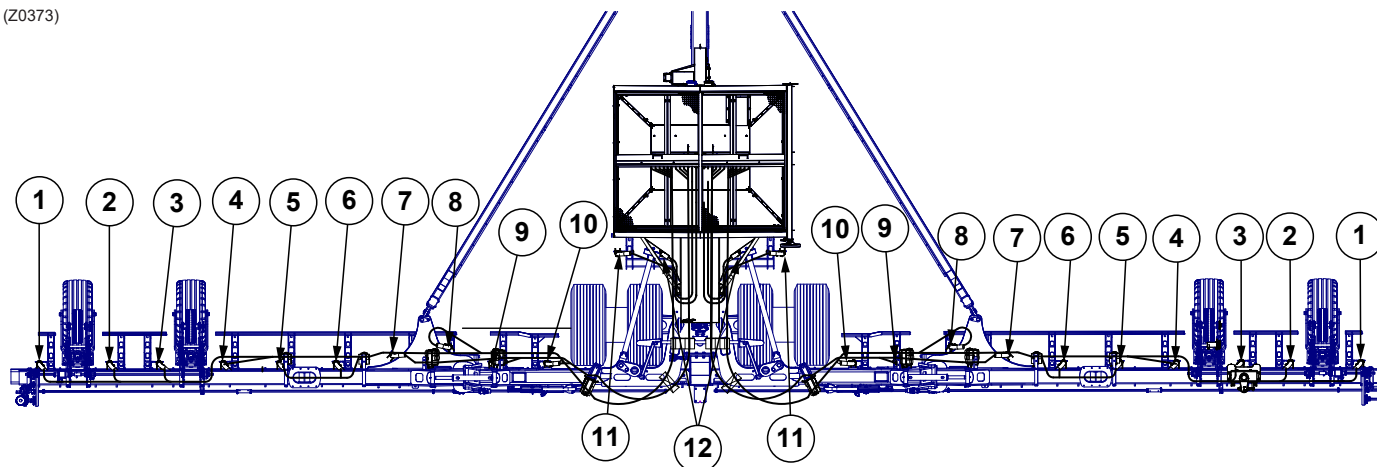
---

| ITEM | PART NO. | QTY. | DESCRIPTION                                      |
|------|----------|------|--------------------------------------------------|
| 1    | GR2293   | 2    | Connector Link, No. 40                           |
| 2    | GA25091  | 1    | Transmission Support                             |
| 3    | GA25014  | 1    | Gear Assembly, 40 x 16 Tooth Hub                 |
| 4    | GD35530  | 2    | Sprocket Guide, No. 40                           |
| 5    | GA25013  | 1    | Variable Transmission                            |
| 6    | GA25061  | 1    | Adjusting Rod Assembly                           |
| 7    | G3310-84 | 1    | Chain, No. 40, 84 Pitch Including Connector Link |
| 8    | G3310-56 | 1    | Chain, No. 40, 56 Pitch Including Connector Link |



| ITEM | PART NO. | QTY. | DESCRIPTION           |
|------|----------|------|-----------------------|
| 1    | GD34980  | 6    | Cone, 7/8"            |
| 2    | GD34981  | 6    | Cone, 13/16"          |
| 3    | GD34982  | 8    | Cone, 3/4"            |
| 4    | GD34983  | 4    | Cone, 5/8"            |
| 5    | GD34997  | 12   | Clamp Collar          |
| 6    | GD34998  | 6    | PVC Hose, 1 1/2" x 6" |
| 7    | GD34999  | 6    | Adapter               |

(Z0373)

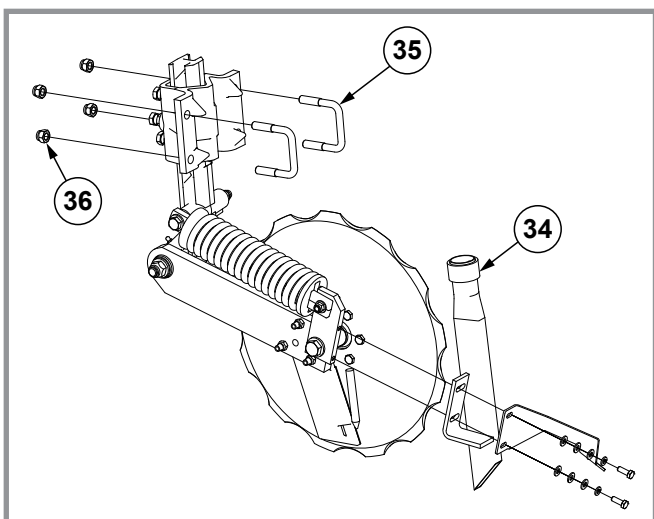
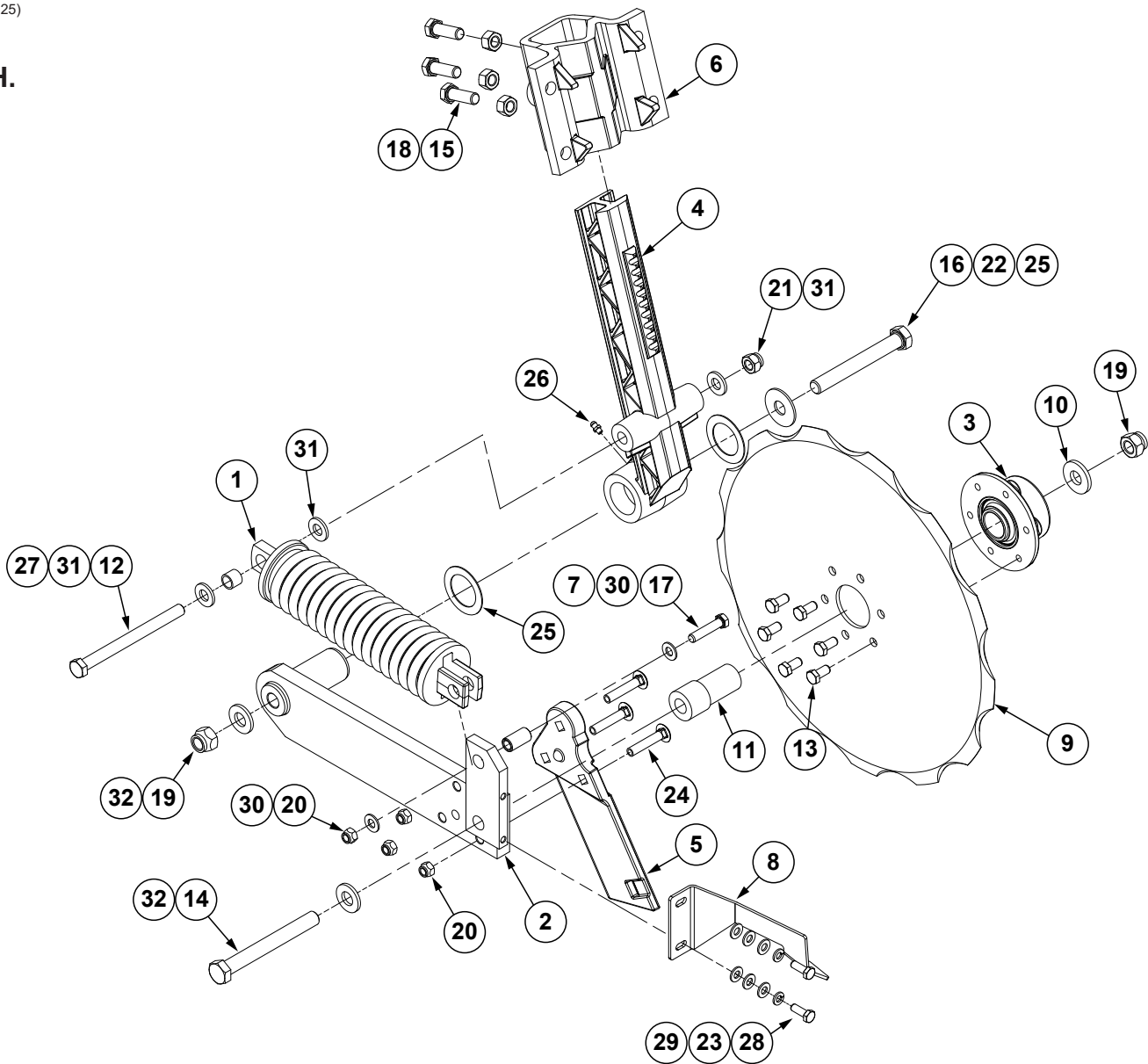


| ITEM | PART NO.    | QTY. | DESCRIPTION                           |
|------|-------------|------|---------------------------------------|
| 1    | GD35466-467 | 2    | Hose (Black), 2" I.D. x 467"          |
|      | GD35466-516 | 2    | Hose (Black), 2" I.D. x 516" (50 Bu.) |
| 2    | GD35466-425 | 2    | Hose (Black), 2" I.D. x 425"          |
|      | GD35466-471 | 2    | Hose (Black), 2" I.D. x 471" (50 Bu.) |
| 3    | GD35466-410 | 2    | Hose (Black), 2" I.D. x 410"          |
|      | GD35466-458 | 2    | Hose (Black), 2" I.D. x 458" (50 Bu.) |
| 4    | GD35466-362 | 2    | Hose (Black), 2" I.D. x 362"          |
|      | GD35466-410 | 2    | Hose (Black), 2" I.D. x 410" (50 Bu.) |
| 5    | GD35466-338 | 2    | Hose (Black), 2" I.D. x 338"          |
|      | GD35466-376 | 2    | Hose (Black), 2" I.D. x 376" (50 Bu.) |
| 6    | GD35466-305 | 2    | Hose (Black), 2" I.D. x 305"          |
|      | GD35466-376 | 2    | Hose (Black), 2" I.D. x 376" (50 Bu.) |
| 7    | GD35466-283 | 2    | Hose (Black), 2" I.D. x 283"          |
|      | GD35466-352 | 2    | Hose (Black), 2" I.D. x 352" (50 Bu.) |
| 8    | GD35466-296 | 2    | Hose (Black), 2" I.D. x 296"          |
|      | GD35466-338 | 2    | Hose (Black), 2" I.D. x 338" (50 Bu.) |
| 9    | GD35466-230 | 2    | Hose (Black), 2" I.D. x 230"          |
|      | GD35466-296 | 2    | Hose (Black), 2" I.D. x 296" (50 Bu.) |
| 10   | GD35466-195 | 2    | Hose (Black), 2" I.D. x 195"          |
|      | GD35466-264 | 2    | Hose (Black), 2" I.D. x 264" (50 Bu.) |
| 11   | GD35467-132 | 2    | Hose (Black), 1½" I.D. x 132"         |
| 12   | GD35467-112 | 2    | Hose (Black), 1½" I.D. x 112"         |



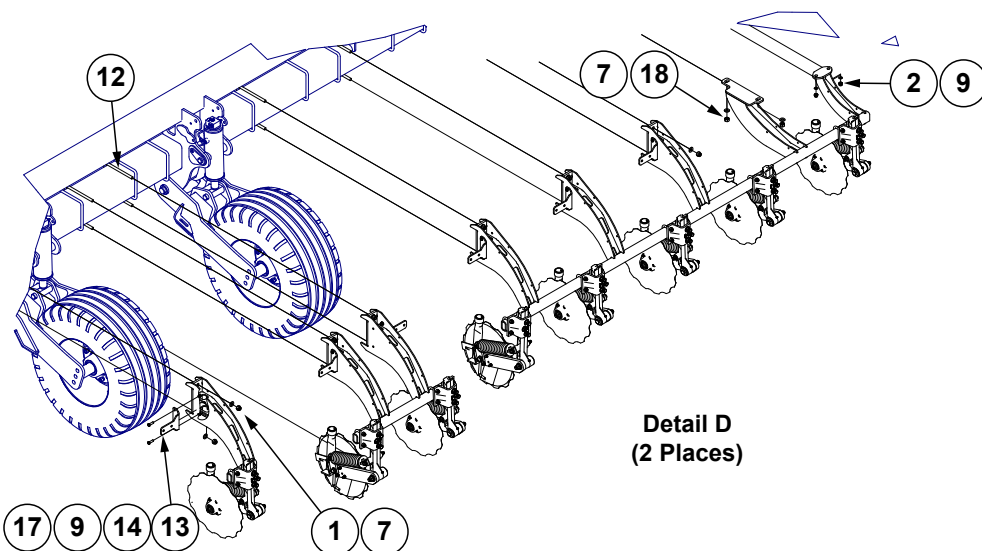
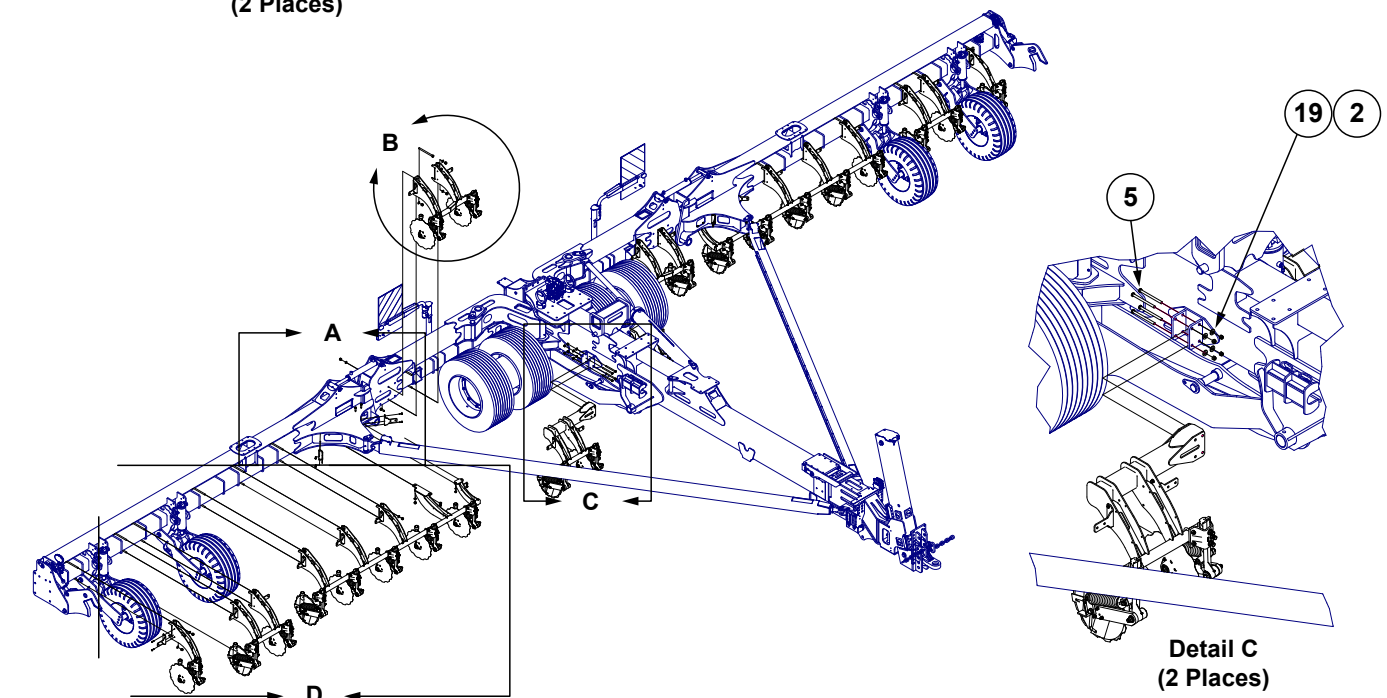
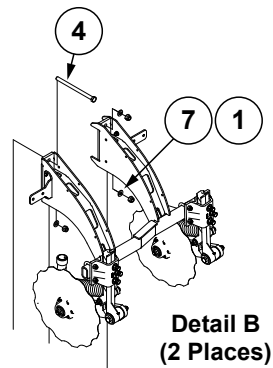
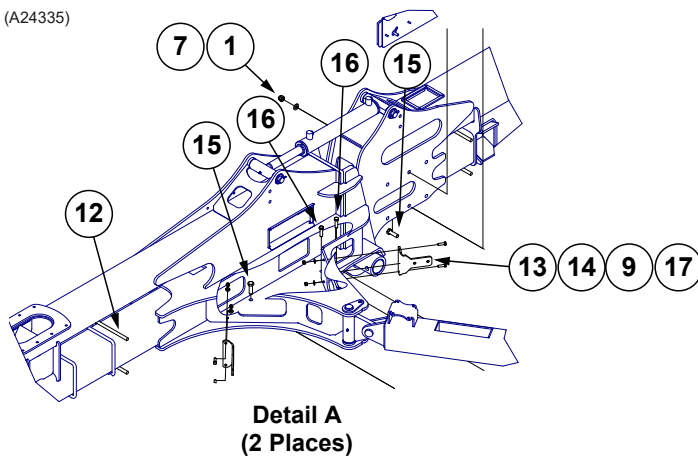
(A12425)

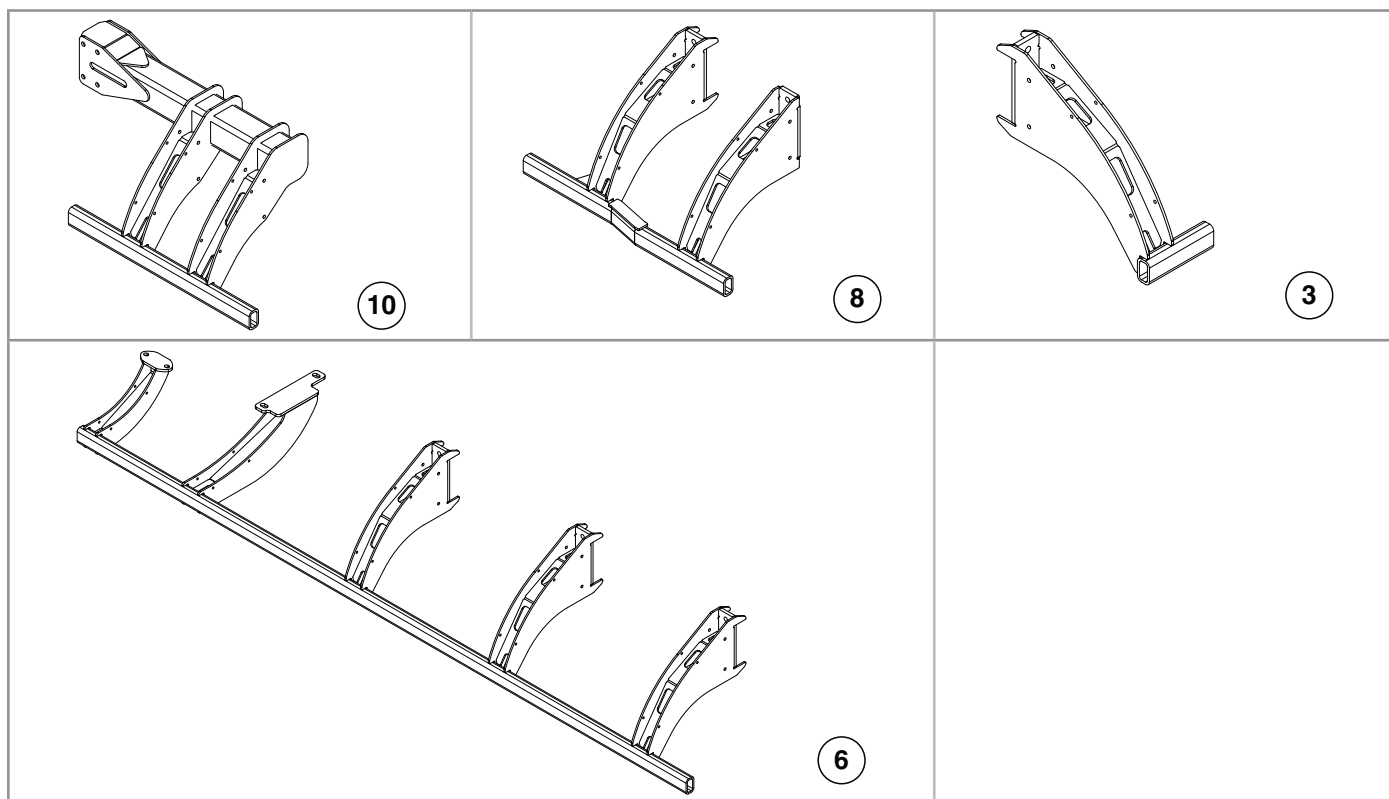
L.H.



| ITEM | PART NO. | QTY. | DESCRIPTION                                  |
|------|----------|------|----------------------------------------------|
| 1    | GA6966   | 1    | Compression Spring Assembly                  |
| 2    | GA9433   | 1    | Pivot Arm, L.H.                              |
|      | GA9434   | -    | Pivot Arm, R.H.                              |
| 3    | GA9437   | 1    | Hub W/Bearing                                |
|      | GA8603   | -    | Bearing, Double Row (Included W/GA9437)      |
| 4    | GB0296   | 1    | Arm. 13½"                                    |
| 5    | GB0323   | 1    | Knife, L.H.                                  |
|      | GB0322   | -    | Knife, R.H.                                  |
| 6    | GB0400   | 1    | Mount, R.H.                                  |
|      | GB0405   | -    | Mount, L.H.                                  |
| 7    | GD1026   | 1    | Sleeve, 1⅜" Long                             |
| 8    | GD11557  | 1    | Scraper, L.H.                                |
|      | GD11558  |      | Scraper, R.H.                                |
| 9    | GD12676  | 1    | Disc Blade, Notched, 16¾"                    |
| 10   | GD12677  | 1    | Washer, 1½" O.D., 7 Gauge (.1793"), Hardened |
| 11   | GD12679  | 1    | Stepped Spacer, 3" Long                      |
| 12   | GD12685  | 1    | Bushing, ¾" O.D. x ½" Long                   |
| 13   | G10002   | 6    | Hex Head Cap Screw, ⅜"-16 x ¾"               |
| 14   | G10011   | 1    | Hex Head Cap Screw, ⅝"-11 x 5½"              |
| 15   | G10017   | 3    | Hex Head Cap Screw, ½"-13 x 1½"              |
| 16   | G10046   | 1    | Hex Head Cap Screw, ⅝"-11 x 5"               |
| 17   | G10047   | 1    | Hex Head Cap Screw, ⅜"-16 x 1¾"              |
| 18   | G10102   | 3    | Hex Nut, ½"-13                               |
| 19   | G10107   | 2    | Lock Nut, ⅝"-11                              |
| 20   | G10108   | 4    | Lock Nut, ⅜"-16                              |
| 21   | G10111   | 1    | Lock Nut, ½"-13                              |
| 22   | G10217   | 1    | Washer, ⅝" USS                               |
| 23   | G10232   | 2    | Lock Washer, ⅝"                              |
| 24   | G10306   | 3    | Carriage Bolt, ⅜"-16 x 2"                    |
| 25   | G10450   | 2    | Washer, 2¼", 18 Gauge (.0478")               |
| 26   | G10640   | 1    | Grease Fitting, ¼"-28                        |
| 27   | G10871   | 1    | Hex Head Cap Screw, ½"-13 x 6"               |
| 28   | G10991   | 2    | Hex Head Cap Screw, ⅝"-18 x ⅞"               |
| 29   | G11386   | 6    | Flat Washer, ⅝" SAE                          |
| 30   | G11387   | 2    | Hardened Washer, ⅜" SAE                      |
| 31   | G11389   | 3    | Flat Washer, ½" Plated SAE                   |
| 32   | G11391   | 2    | Flat Washer, 5⅝" SAE                         |
| 33   | ---      | -    | ---                                          |
| 34   | GA10047  | 1    | Drop Tube, L.H., Dry Fertilizer              |
|      | GA10048  | -    | Drop Tube, R.H., Dry Fertilizer              |
| 35   | GD13287  | 2    | U-Bolt, 1½" x 2½" x ½"-13                    |
| 36   | G11511   | 4    | Lock Nut, ½"-13                              |
| A    | GA24337  | -    | LH (Items 1-36)                              |
|      | GA24336  |      | RH (Items 1-36)                              |

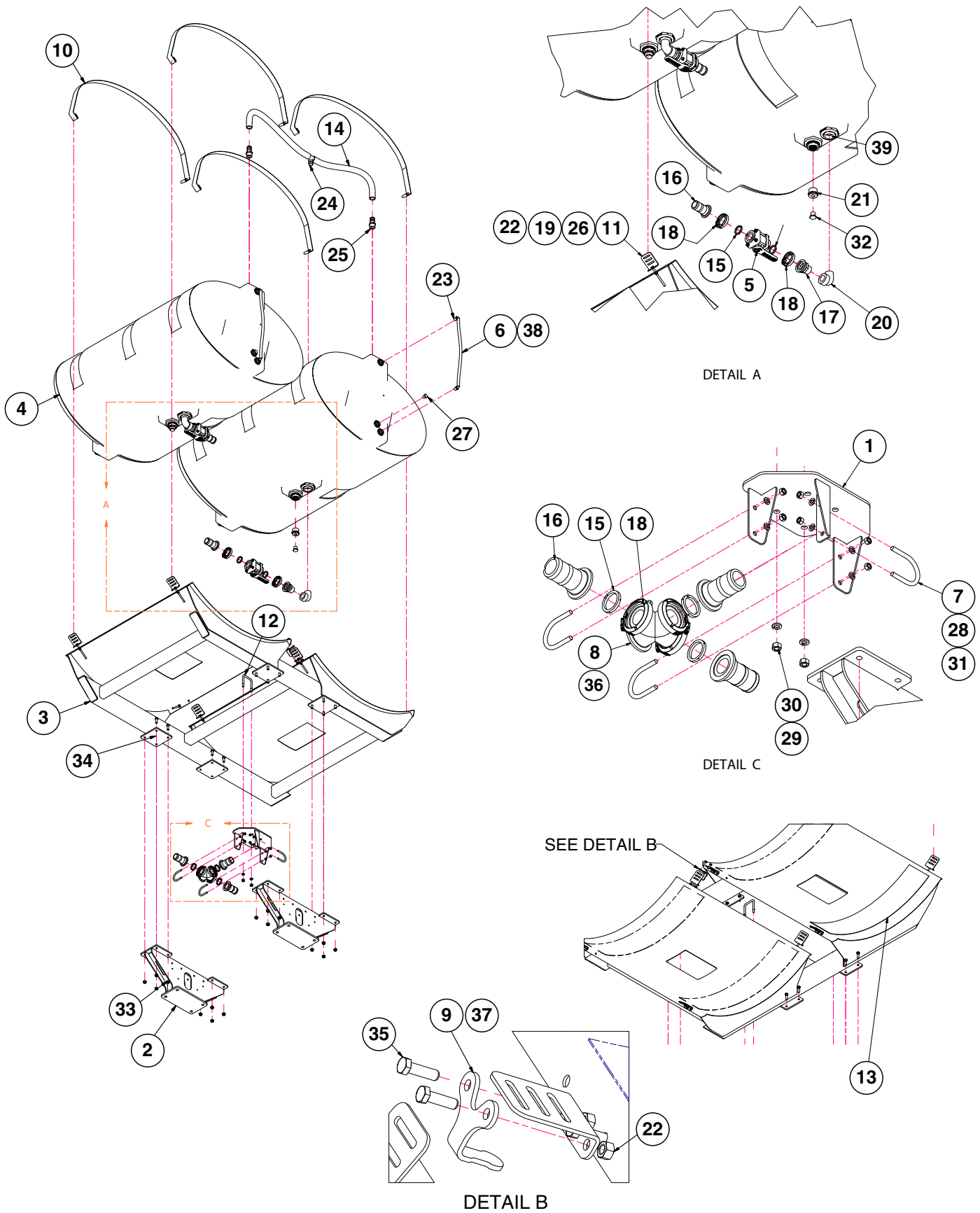
(A24335)





| ITEM | PART NO. | QTY. | DESCRIPTION                          |
|------|----------|------|--------------------------------------|
| 1    | G10107   | 32   | Lock Nut, 5/8"-11                    |
| 2    | G10111   | 12   | Lock Nut, 1/2"-13                    |
| 3    | GA25999  | 1    | Single Opener Mount, L.H.            |
|      | GA25600  | -    | Single Opener Mount, R.H.            |
| 4    | G10177   | 4    | Hex Head Cap Screw, 5/8"-11 x 9 1/2" |
| 5    | G10829   | 8    | Hex Head Cap Screw, 1/2"-13 x 6 1/2" |
| 6    | GA25537  | 1    | Wing Opener Mount, L.H.              |
|      | GA25536  | -    | Wing Opener Mount, R.H.              |
| 7    | G11391   | 44   | Flat Washer, 5/8" SAE                |
| 8    | GA25539  | 1    | Stub Wing Opener Mount, L.H.         |
|      | GA25538  | -    | Stub Wing Opener Mount, R.H.         |
| 9    | G11387   | 48   | Flat Washer, 3/8" SAE                |
| 10   | GA25543  | 1    | Hitch Opener Mount, L.H.             |
|      | GA25542  | -    | Hitch Opener Mount, R.H.             |
| 11   | GA25545  | 2    | Opener Mount                         |
| 12   | GD1114   | 14   | U-Bolt, 7" x 7" x 5/8"-11            |
| 13   | GD35221  | 24   | Hose Support                         |
| 14   | G10004   | 48   | Hex Head Cap Screw, 3/8"-16 x 1 1/4" |
| 15   | G10008   | 4    | Hex Head Cap Screw, 5/8"-11 x 2"     |
| 16   | G10039   | 4    | Hex Head Cap Screw, 1/2"-13 x 1 3/4" |
| 17   | G10101   | 48   | Hex Nut, 3/8"-16                     |
| 18   | G10104   | 4    | Hex Nut, 5/8"-11                     |
| 19   | G11389   | 4    | Flat Washer, 1/2" Plated SAE         |

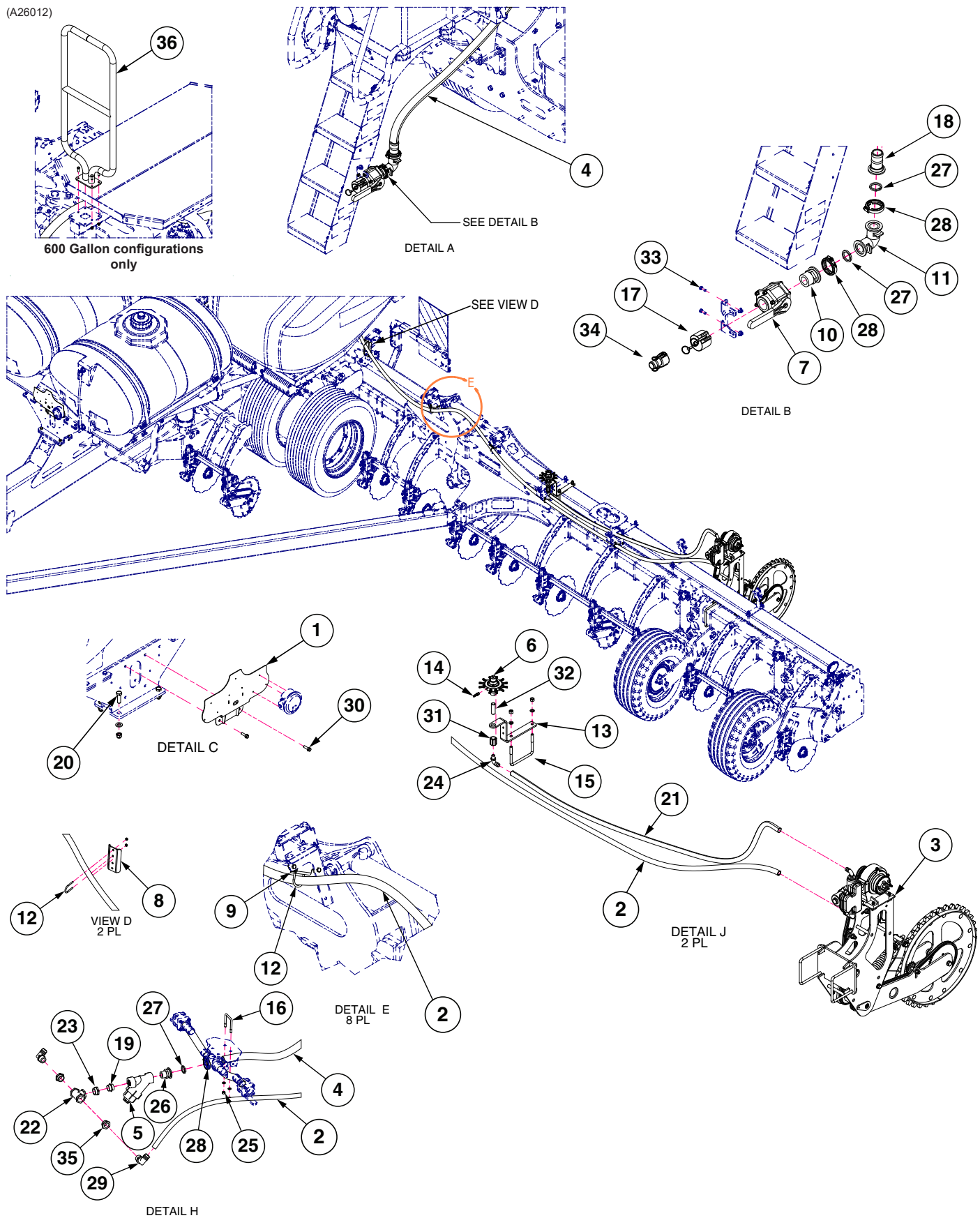
(A25667/A26010)



| ITEM | PART NO.     | QTY. | DESCRIPTION                                                              |
|------|--------------|------|--------------------------------------------------------------------------|
| 1    | G10633201    | 1    | Fertilizer Cross Mount                                                   |
| 2    | GA25670      | 2    | Tank Mount                                                               |
| 3    | GA25669      | 1    | Tank Saddle <b>(300 Gal. Tanks)</b>                                      |
|      | GA26009      | 1    | Tank Saddle <b>(500 Gal. Tanks)</b>                                      |
| 4    | GA17900      | 2    | 300 Gal. Elliptical Tank, Gray                                           |
|      | G10856301    | 2    | 500 Gal. Elliptical Tank, Gray                                           |
| 5    | GA16927      | 2    | Shut-Off Valve                                                           |
| 6    | GD29502-26   | 4    | Urethane Tube, 3/4" O.D. x .142 W x 26" <b>(300 Gal. Tanks)</b>          |
|      | GD29502-31.5 | 2    | Urethane Tube, 3/4" O.D. x .142 W x 31.5" <b>(500 Gal. Tanks)</b>        |
| 7    | GD26535      | 3    | U-Bolt, 2 1/2" x 3/8"-16                                                 |
| 8    | G11508       | 1    | Tee, 2" Port Flange                                                      |
| 9    | GD20111      | 1    | Hose Bracket                                                             |
| 10   | GD15605      | 4    | Band (3 Per Tank)                                                        |
| 11   | GD11123      | 8    | Anchor (Sub GA8114)                                                      |
| 12   | GD4743       | 1    | U-Bolt, 3" x 3" x 1/2"-13                                                |
| 13   | GD1862       | 1    | Tank Pad, 8" x 14' Roll                                                  |
| 14   | G4602-30     | 2    | Black Helix Hose, 1-1/4" x 3'                                            |
| 15   | G10406701    | 8    | Gasket, Flange Ribbed 2"                                                 |
| 16   | G11497       | 5    | Adapter, 2" Flange x 2" Hose Barb                                        |
| 17   | G11496       | 2    | Adapter, 1 1/2" Male NPT x 2" Flange                                     |
| 18   | G11468       | 8    | Flange Clamp SS 75 Series                                                |
| 19   | G11387       | 8    | Flat Washer, 3/8" SAE                                                    |
| 20   | G11353       | 2    | Elbow, 1 1/2" NPT, 90°                                                   |
| 21   | G11237       | 2    | Reducing Bushing, 1 1/2" Male NPT To 3/4" Female <b>(300 Gal. Tanks)</b> |
|      | G11573       | 2    | Reducing Bushing, 2" Male NPT To 3/4" Female NPT <b>(500 Gal. Tanks)</b> |
| 22   | G10901       | 10   | Lock Nut, 3/8"-16                                                        |
| 23   | G10740       | 8    | 90° Elbow, 1/2" Male NPT/Hose Barb <b>(300 Gal. Tanks)</b>               |
|      |              | 4    | 90° Elbow, 1/2" Male NPT/Hose Barb <b>(500 Gal. Tanks)</b>               |
| 24   | G10633       | 1    | Tee, 1 1/4" Barb                                                         |
|      | G4602-21     | 1    | Helix Hose, Black, 1-1/4" x 7.8'                                         |
| 25   | G10626       | 2    | Adapter, 1 1/4" NPT To Barb                                              |
| 26   | G10485       | 8    | Hex Head Cap Screw, 3/8"-16 x 5"                                         |
| 27   | G10297       | 4    | Hex Pipe Plug, 1/2"                                                      |
| 28   | G10229       | 6    | Lock Washer, 3/8"                                                        |
| 29   | G10228       | 2    | Lock Washer, 1/2"                                                        |
| 30   | G10102       | 2    | Hex Nut, 1/2"-13                                                         |
| 31   | G10101       | 6    | Hex Nut, 3/8"-16                                                         |
| 32   | G10096       | 2    | Pipe Plug, 3/4" NPT                                                      |
| 33   | G10071       | 16   | Serrated Flange Nut, 1/2"-13                                             |
| 34   | G10017       | 16   | Hex Head Cap Screw, 1/2"-13 x 1 1/2"                                     |
| 35   | G10004       | 2    | Hex Head Cap Screw, 3/8"-16 x 1 1/4"                                     |
| 36   | GA21845      | 1    | 3-Way Flanged Ball Valve, 2"                                             |
| 37   | G10674       | 1    | Hose Clamp, No. 24                                                       |
| 38   | G11590       | 4    | 10mm Hollow Ball (Orange) <b>(300 Gal. Tanks)</b>                        |
|      |              | 2    | 10mm Hollow Ball (Orange) <b>(500 Gal. Tanks)</b>                        |
| 39   | G11308       | 2    | Reducing Bushing, 2" Male NPT to 1 1/2" Female <b>(500 Gal. Tanks)</b>   |



(A26012)

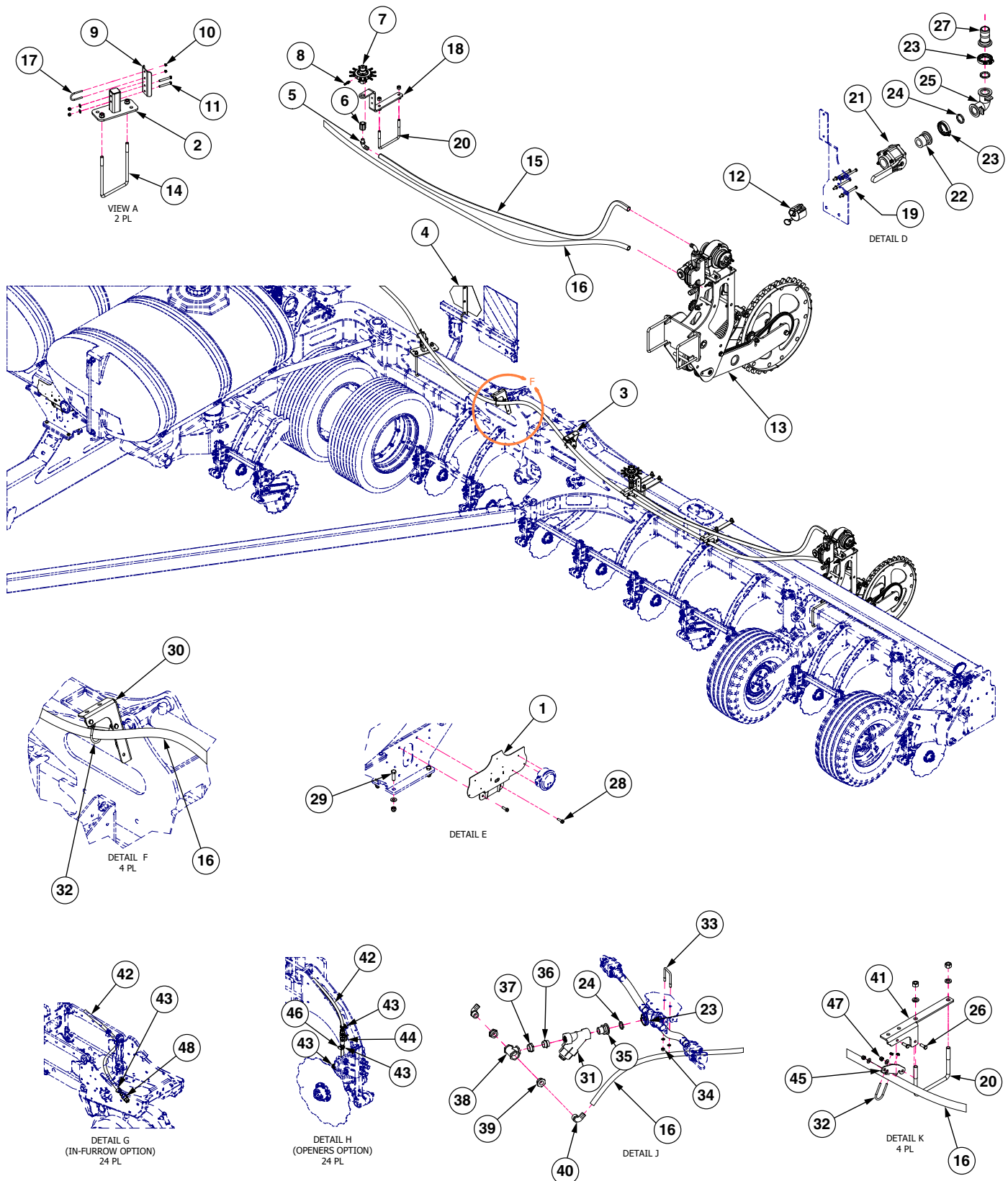


# Liquid Fertilizer System W/ Piston Pump (600 Gal.)

| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                   |
|------|-----------|------|-------------------------------------------------------------------------------|
| 1    | GA25806   | 1    | Gauge Mount                                                                   |
| 2    | G4200-15  | 1    | Hose, 1¼" x 65'                                                               |
| 3    | ---       | 2    | <a href="#">See "Ground Drive Wheel (Liquid Fertilizer)" on page 178</a>      |
| 4    | G4201-03  | 2    | Hose, 2" x 18'                                                                |
| 5    | GA13623   | 1    | Strainer, 1 ½"                                                                |
| 6    | GA8931    | 2    | <a href="#">See "Liquid Fertilizer Piston Pump Flow Divider" on page P182</a> |
| 7    | GA2660    | 1    | 2" Ball Valve                                                                 |
| 8    | GD35589   | 2    | Tube Support Plate                                                            |
| 9    | GD35588   | 8    | Manifold Support Plate                                                        |
|      | G10001    | 16   | Hex Head Cap Screw, 3/8"-16 x 1"                                              |
|      | G11387    | 16   | Flat Washer, 3/8" SAE                                                         |
|      | G10108    | 16   | Lock Nut, 3/8"-16                                                             |
| 10   | GD26816   | 1    | 2" Flange x 2" Male Thread                                                    |
| 11   | GD26472   | 1    | 2" x 2", 90° Full Port Flange                                                 |
| 12   | GD26274   | 10   | U-Bolt, 1-1/2" x 1/4"-20                                                      |
|      | G10621    | 20   | Serrated Flange Nut, ¼"-20                                                    |
| 13   | GD26548   | 2    | Flow Divider Plate                                                            |
| 14   | GD11700   | 12   | Adapter, 1/4" NPT To 3/8" Barb                                                |
|      | G10681    | 12   | Hose Clamp, No. 6                                                             |
| 15   | GD16598   | 2    | U-Bolt, 4" x 7" x 5/8"-11                                                     |
| 16   | GD4743    | 1    | U-Bolt, 3" x 3" x 1/2"-13                                                     |
| 17   | GD3951    | 1    | Dust Cap, 2"                                                                  |
| 18   | G11497    | 1    | Adapter, 2" Flange x 2" Hose Barb                                             |
| 19   | G11306    | 1    | 1 ½" Close Nipple                                                             |
| 20   | G11391    | 8    | Flat Washer, 5/8" SAE                                                         |
|      | G10107    | 8    | Lock Nut, 5/8"-11                                                             |
|      | G10008    | 8    | Hex Head Cap Screw, 5/8"-11 x 2"                                              |
| 21   | G4205-19  | 1    | Hose, 3/4" x 29"                                                              |
| 22   | G10888    | 1    | Tee, 2" Female NPT                                                            |
| 23   | G11308    | 1    | Reducing Bushing, 2" Male NPT to 1 ½" Female                                  |
| 24   | G10917    | 2    | Elbow, 90°, ¾" NPT To Barb                                                    |
| 25   | G10102    | 2    | Hex Nut, 1/2"-13                                                              |
|      | G10228    | 2    | Lock Washer, 1/2"                                                             |
| 26   | G11496    | 1    | Adapter, 1½" Male NPT x 2" Flange                                             |
| 27   | G11499    | 3    | Gasket, Flange Ribbed 2"                                                      |
| 28   | G11468    | 3    | Flange Clamp SS 75 Series                                                     |
| 29   | G10629    | 2    | Elbow, 90°, 1 ¼" NPT To Barb                                                  |
| 30   | G11204    | 2    | Hex Serrated Flange Cap Screw, 3/8"-16 x 1¼", Grade 5                         |
|      | G10622    | 2    | Serrated Flange Nut, 3/8"-16                                                  |
| 31   | G11083    | 2    | Coupler, 3/4" Female NPT                                                      |
| 32   | G10833    | 2    | Nipple, Pipe 3/4" x 3"                                                        |
| 33   | G10172    | 4    | Hex Head Cap Screw, 3/8"-16 x 5"                                              |
|      | G11387    | 4    | Hardened Washer, 3/8" SAE                                                     |
| 34   | G10317801 | 1    | Coupler, 2" Female x 2" Hose Barb                                             |
|      | GD10777   | 1    | Female Coupler Plug                                                           |
| 35   | G10616    | 2    | Reducing Bushing, 2" Male NPT To 1 ¼" Female                                  |
| 36   | GA24733   | 1    | Center Handrail                                                               |
|      | G10108    | 4    | Lock Nut, 3/8"-16                                                             |
|      | G11738    | 4    | Hex Head Cap Screw, 3/8"-16 x 1"                                              |



(A26011)



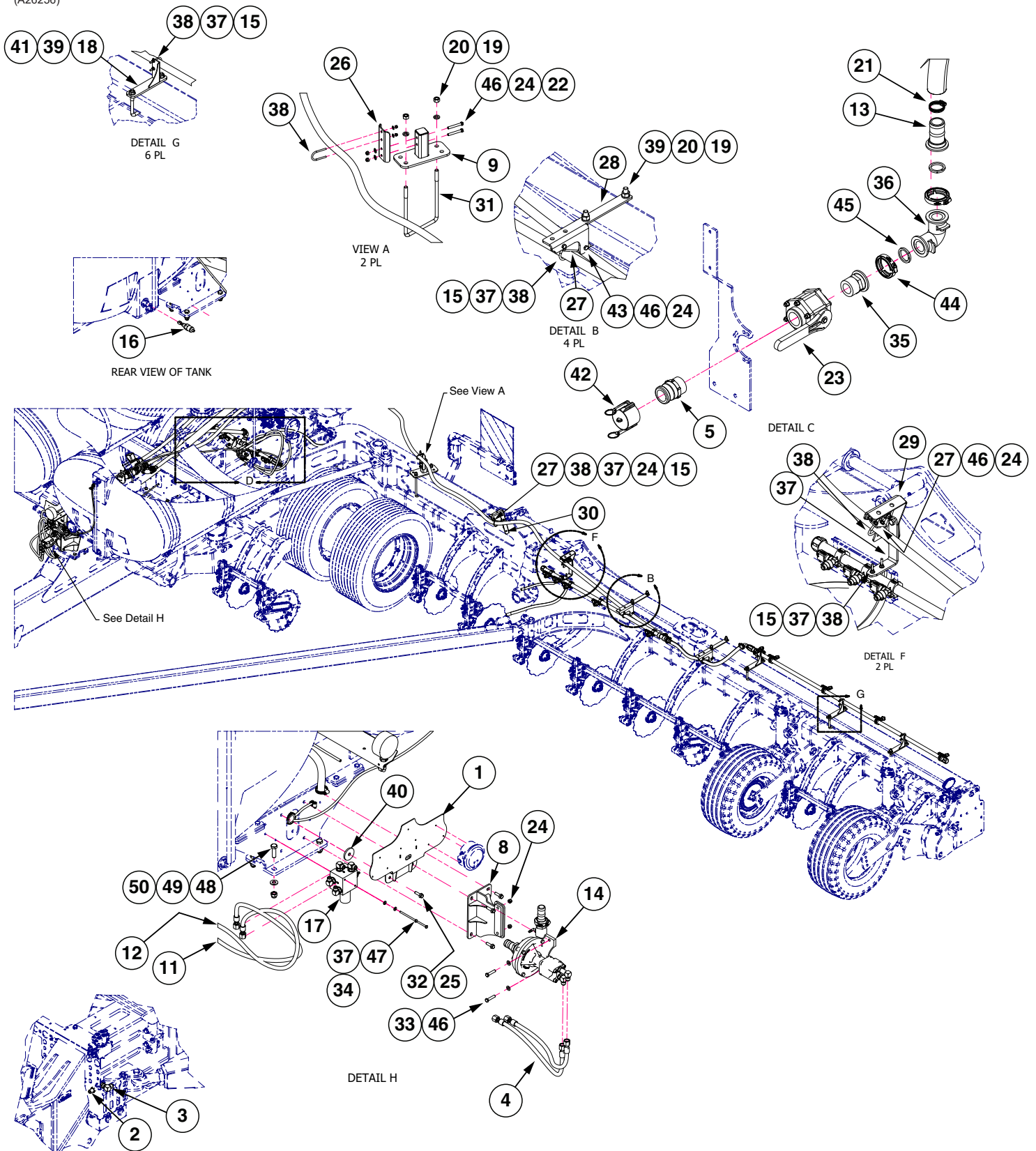
# Liquid Fertilizer System W/ Piston Pump (1000 Gal.)

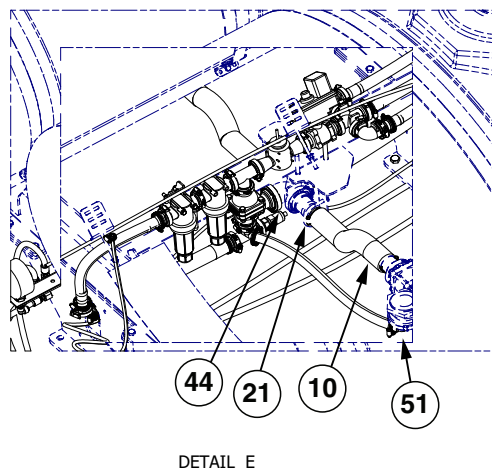
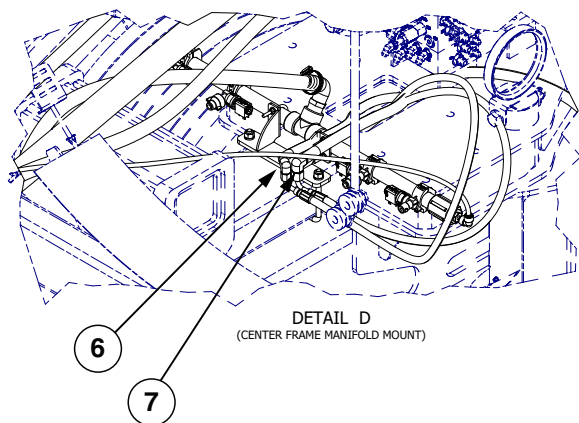
| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                   |
|------|-----------|------|-------------------------------------------------------------------------------|
| 1    | GA25806   | 1    | Gauge Mount                                                                   |
| 2    | GA25006   | 2    | Angled Rack Hose Holder                                                       |
| 3    | GD34960   | 1    | Hose Support Bracket                                                          |
|      | G10017    | 2    | Hex Head Cap Screw, 1/2"-13 x 1 1/2"                                          |
|      | G10071    | 2    | Serrated Flange Nut, 1/2"-13                                                  |
| 4    | GD2199    | 1    | SMV Sign                                                                      |
|      | GD35729   | 1    | Mounting Bracket                                                              |
|      | GD13287   | 1    | U-Bolt, 1 1/2" x 2 1/2" x 1/2"-13                                             |
|      | G10071    | 2    | Serrated Flange Nut, 1/2"-13                                                  |
|      | G10064    | 2    | Hex Head Cap Screw, 1/4"-20 x 1"                                              |
|      | G10621    | 2    | Serrated Flange Nut, 1/4"-20                                                  |
| 5    | G10917    | 2    | Elbow, 90°, 3/4" NPT To Barb                                                  |
| 6    | G11083    | 2    | Coupler, 3/4" Female NPT                                                      |
| 7    | GA8931    | 2    | <a href="#">See "Liquid Fertilizer Piston Pump Flow Divider" on page P182</a> |
| 8    | GD11700   | 12   | Adapter, 1/4" NPT To 3/8" Barb                                                |
|      | G10681    | 12   | Hose Clamp, No. 6                                                             |
| 9    | GD35589   | 1    | Tube Support Plate                                                            |
| 10   | G10621    | 2    | Serrated Flange Nut, 1/4"-20                                                  |
| 11   | G11387    | 2    | Hardened Washer, 3/8" SAE                                                     |
|      | G10325    | 2    | Hex Head Cap Screw, 3/8"-16 x 2 3/4"                                          |
|      | G10108    | 2    | Lock Nut, 3/8"-16                                                             |
| 12   | GD3951    | 1    | Dust Cap, 2" Cam Lock                                                         |
|      | GD10777   | 1    | Female Coupler Plug                                                           |
| 13   | ---       | -    | <a href="#">See "Ground Drive Wheel (Liquid Fertilizer)" on page 178</a>      |
| 14   | GD34957   | 1    | U-Bolt, 7" x 10" x 5/8"-11                                                    |
|      | G10017    | 2    | Hex Head Cap Screw, 1/2"-13 x 1 1/2"                                          |
|      | G10071    | 2    | Serrated Flange Nut, 1/2"-13                                                  |
| 15   | G4205-19  | 1    | Hose, 3/4" x 29"                                                              |
| 16   | G4200-16  | 1    | Hose, 1 1/4" x 70'                                                            |
| 17   | GD26274   | 1    | U-Bolt, 1-1/2" x 1/4"-20                                                      |
| 18   | GA18466   | 2    | Flow Divider Mount                                                            |
| 19   | G10172    | 2    | Hex Head Cap Screw, 3/8"-16 x 5"                                              |
|      | G11387    | 2    | Hardened Washer, 3/8" SAE                                                     |
| 20   | GD16598   | 1    | U-Bolt, 4" x 7" x 5/8"-11                                                     |
|      | G10104    | 2    | Hex Nut, 5/8"-11                                                              |
|      | G10230    | 2    | Lock Washer, 5/8"                                                             |
| 21   | GA2660    | 1    | 2" Ball Valve                                                                 |
|      | G10317801 | 1    | Coupler, 2" Female x 2" Hose Barb                                             |
| 22   | GD26816   | 1    | 2" Flange x 2" Male Thread                                                    |
| 23   | G11468    | 3    | Flange Clamp SS 75 Series                                                     |
| 24   | G11499    | 3    | Gasket, Flange Ribbed 2"                                                      |
| 25   | GD26472   | 1    | 2" x 2", 90° Full Port Flange                                                 |
| 26   | G10001    | 2    | Hex Head Cap Screw, 3/8"-16 x 1"                                              |
| 27   | G4201-03  | 1    | Hose, 2" x 18'                                                                |
|      | G11497    | 1    | Adapter, 2" Flange x 2" Hose Barb                                             |
| 28   | G11204    | 2    | Hex Serrated Flange Cap Screw, 3/8"-16 x 1 1/4", Grade 5                      |
|      | G10622    | 2    | Serrated Flange Nut, 3/8"-16                                                  |
| 29   | G11391    | 8    | Flat Washer, 5/8" SAE                                                         |
|      | G10107    | 8    | Lock Nut, 5/8"-11                                                             |
|      | G10008    | 8    | Hex Head Cap Screw, 5/8"-11 x 2"                                              |
| 30   | GD34959   | 1    | Hose Support Bracket                                                          |
|      | G10017    | 2    | Hex Head Cap Screw, 1/2"-13 x 1 1/2"                                          |
|      | G10071    | 2    | Serrated Flange Nut, 1/2"-13                                                  |
| 31   | GA13623   | 1    | Banjo Strainer, 1 1/2"                                                        |

| ITEM | PART NO. | QTY. | DESCRIPTION                                  |
|------|----------|------|----------------------------------------------|
| 32   | GD26274  | 1    | U-Bolt, 1 ½" x ¼"-20                         |
|      | G10621   | 2    | Serrated Flange Nut, ¼"-20                   |
| 33   | GD4743   | 1    | U-Bolt, 3" x 3" x ½"-13                      |
| 34   | G10102   | 2    | Hex Nut, ½"-13                               |
|      | G10228   | 2    | Lock Washer, 1/2"                            |
| 35   | G11496   | 1    | Adapter, 1½" Male NPT x 2" Flange            |
| 36   | G11306   | 1    | 1 ½" Close Nipple                            |
| 37   | G11308   | 1    | Reducing Bushing, 2" Male NPT to 1 ½" Female |
| 38   | G10888   | 1    | Tee, 2" Female NPT                           |
| 39   | G10616   | 2    | Reducing Bushing, 2" Male NPT To 1 ¼" Female |
| 40   | G10629   | 2    | Elbow, 90°, 1 ¼" NPT To Barb                 |
| 41   | GD34963  | 1    | Hose Support                                 |
| 42   | G4301-08 | -    | Hose, 3/8" x 250'                            |
| 43   | G10681   | -    | Hose Clamp, No. 6                            |
| 44   | GA18576  | 1    | Fertilizer Adapter Tube                      |
|      | G10621   | 1    | Serrated Flange Nut, ¼"-20                   |
|      | G10023   | 1    | Hex Head Cap Screw, ¼"-20 x ¾"               |
| 45   | GD35588  | 1    | Manifold Support Plate                       |
| 46   | GD11700  | 1    | Adapter, ¼" NPT To 3/8" Barb                 |
| 47   | G11387   | 2    | Hardened Washer, 3/8" SAE                    |
|      | G10108   | 2    | Lock Nut, 3/8"-16                            |
| 48   | GA20583  | 1    | Check Valve Assembly                         |

**This page left blank intentionally.**

(A26256)

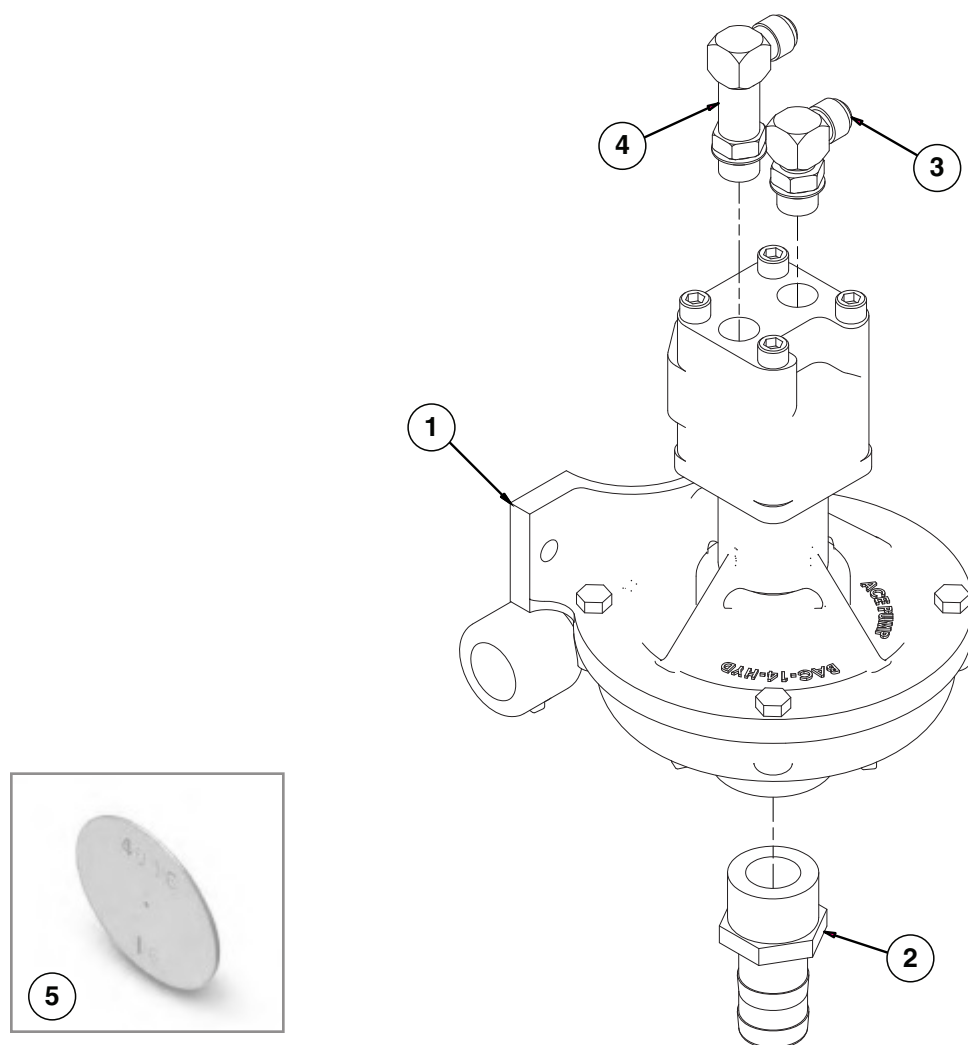




| ITEM | PART NO.    | QTY. | DESCRIPTION                                                            |
|------|-------------|------|------------------------------------------------------------------------|
| 1    | GA25806     | 1    | Gauge Mount                                                            |
| 2    | G306-08     | 1    | Lock Nut, 3/4"-16                                                      |
|      | G2700-08    | 1    | Bulkhead Tube Union, 3/4"-16 Male JIC                                  |
|      | *A25704-242 | 1    | Hose Assembly, 1/2" AR x 242" (08F-08M)                                |
|      | *A25703-115 | 1    | Hose Assembly, 1/2" AR x 115" (1/2M NPTF W/Tip-08F)                    |
|      | GD10057-14  | 1    | Hose Identification Sleeve, Yellow PP                                  |
| 3    | *A21536-242 | 1    | Hose Assembly, 5/8" AR x 242" (10F-10M)                                |
|      | G6500-10    | 1    | Swivel Elbow, 90°, 7/8"-14 Male JIC To Female                          |
| 4    | *A1073      | 2    | Hose Assembly, 3/8" x 18"                                              |
| 5    | GD3623      | 1    | Adapter, 2" Male NPT To Cam Lock                                       |
|      | G10317801   | 1    | Coupler, 2" Female x 2" Hose Barb                                      |
| 6    | G2500-08-06 | 1    | Union Elbow, 3/4"-16 JIC to 9/16"-18 JIC                               |
|      | *A18630-215 | 1    | Hose Assembly, 1/2" AR x 215" (08F-08F)                                |
| 7    | G2500-10-08 | 1    | Union Elbow, 7/8"-14 JIC to 3/4"16 JIC                                 |
|      | *A11481-217 | 1    | Hose Assembly, 5/8 AR X 217" (10F - 10F)                               |
| 8    | GA25668     | 1    | Pump Mount                                                             |
| 9    | GA25006     | 2    | Hose Holder Angled Rack                                                |
| 10   | G4201-08    | 2    | Hose, 2" x 1.25'                                                       |
| 11   | *A25504-120 | 1    | Hose Assembly, 3/8" x 120" (06F-08F90S)                                |
| 12   | *A25697-120 | 1    | Hose Assembly, 3/8" x 120" (06F90-08F)                                 |
| 13   | G11497      | 1    | Adapter, 2" Flange x 2" Hose Barb                                      |
| 14   | ---         | -    | <a href="#">See "Centrifugal Fertilizer Pump Assembly" on page 175</a> |
| 15   | G11320      | -    | Lock Nut, 1/4"-20, Grade B                                             |
| 16   | GA18720     | 1    | Liquid Level Sensor                                                    |
| 17   | ---         | -    | <a href="#">See "Fertilizer Block Assembly" on page P224</a>           |
| 18   | GA18344     | 6    | Fertilizer Tube Mount                                                  |
| 19   | G10230      | 12   | Lock Washer, 5/8"                                                      |
| 20   | G10104      | 12   | Hex Nut, 5/8"-11                                                       |
| 21   | G10676      | 8    | Hose Clamp, No. 36, Stainless Steel                                    |
| 22   | G10325      | 4    | Hex Head Cap Screw, 3/8"-16 x 2 3/4"                                   |
| 23   | GA2660      | 1    | 2" Ball Valve                                                          |
| 24   | G10108      | 22   | Lock Nut, 3/8"-16                                                      |

| ITEM | PART NO. | QTY. | DESCRIPTION                                              |
|------|----------|------|----------------------------------------------------------|
| 25   | G11204   | 4    | Hex Serrated Flange Cap Screw, 3/8"-16 x 1 1/4", Grade 5 |
| 26   | GD35589  | 2    | Tube Support Plate                                       |
| 27   | GD35588  | 8    | Manifold Support Plate                                   |
| 28   | GD34963  | 4    | Hose Support                                             |
| 29   | GD34960  | 2    | Hose Support Bracket                                     |
| 30   | GD34959  | 2    | Hose Support Bracket                                     |
| 31   | GD34957  | 2    | U-Bolt, 7" x 10" x 5/8"-11                               |
| 32   | G10622   | 4    | Serrated Flange Nut, 3/8"-16                             |
| 33   | G10047   | 2    | Hex Head Cap Screw, 3/8"-16 x 1 3/4"                     |
| 34   | G10621   | 2    | Serrated Flange Nut, 1/4"-20                             |
| 35   | GD26816  | 1    | 2" Flange x 2" Male Thread                               |
| 36   | GD26472  | 1    | 2" x 2", 90° Full Port Flange                            |
| 37   | G11385   | -    | Flat Washer, 1/4" SAE                                    |
| 38   | GD26274  | 20   | U-Bolt, 1-1/2" x 1/4"-20                                 |
| 39   | GD16598  | 10   | U-Bolt, 4" x 7" x 5/8"-11                                |
| 40   | GD15235  | 1    | Washer, 2 1/4" O.D. x 1/2" I.D. x 1/4"                   |
| 41   | G11415   | 12   | Serrated Flange Nut, 5/8"-11                             |
| 42   | GD3951   | 1    | Dust Cap, 2"                                             |
|      | GD10777  | 1    | Female Coupler Plug                                      |
| 43   | G10001   | 16   | Hex Head Cap Screw, 3/8"-16 x 1"                         |
| 44   | G11468   | 3    | Flange Clamp SS 75 Series                                |
| 45   | G11499   | 3    | Gasket, Flange Ribbed 2"                                 |
| 46   | G11387   | 22   | Flat Washer, 3/8" SAE                                    |
| 47   | G11135   | 2    | Hex Head Cap Screw, 1/4"-20 X 3 3/4"                     |
| 48   | G11391   | 8    | Flat Washer, 5/8" SAE                                    |
| 49   | G10107   | 8    | Lock Nut, 5/8"-11                                        |
| 50   | G10008   | 8    | Hex Head Cap Screw, 5/8"-11 x 2"                         |
| 51   | G10917   | 1    | Elbow, 90°, 3/4" NPT To Barb                             |

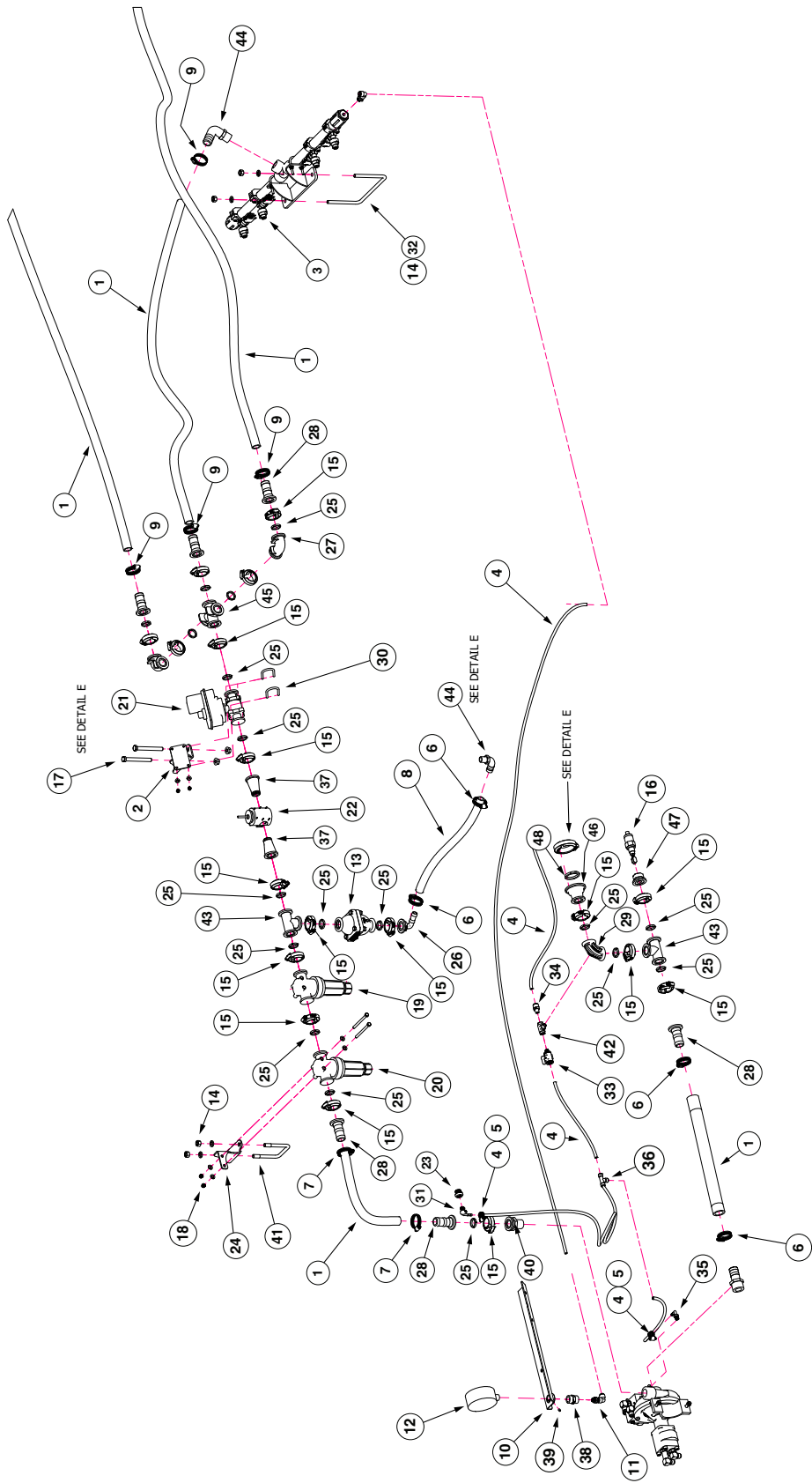
(A26256)



| ITEM | PART NO.    | QTY. | DESCRIPTION                                             |
|------|-------------|------|---------------------------------------------------------|
| 1    | GA14809     | 1    | Fertilizer Pump                                         |
| 2    | G10626      | 1    | Adapter, 1 1/4" NPT To Barb                             |
| 3    | G6801-08    | 1    | Elbow W/O-Ring, 90°, 3/4"-16 Male JIC To 7/8"-14 O-Ring |
| 4    | G6801-LL-08 | 1    | X-Long Elbow W/O-Ring, 90°, 3/4"-16 Male JIC To O-Ring  |
| 5    | GA19160     | -    | Orifice (0.028) 24/Pkg                                  |
|      | GA19161     | -    | Orifice (0.032) 24/Pkg                                  |
|      | GA19162     | -    | Orifice (0.037) 24/Pkg                                  |
|      | GA19163     | -    | Orifice (0.041) 24/Pkg                                  |
|      | GA19164     | -    | Orifice (0.048) 24/Pkg                                  |
|      | GA19165     | -    | Orifice (0.055) 24/Pkg                                  |
|      | GA19166     | -    | Orifice (0.065) 24/Pkg                                  |



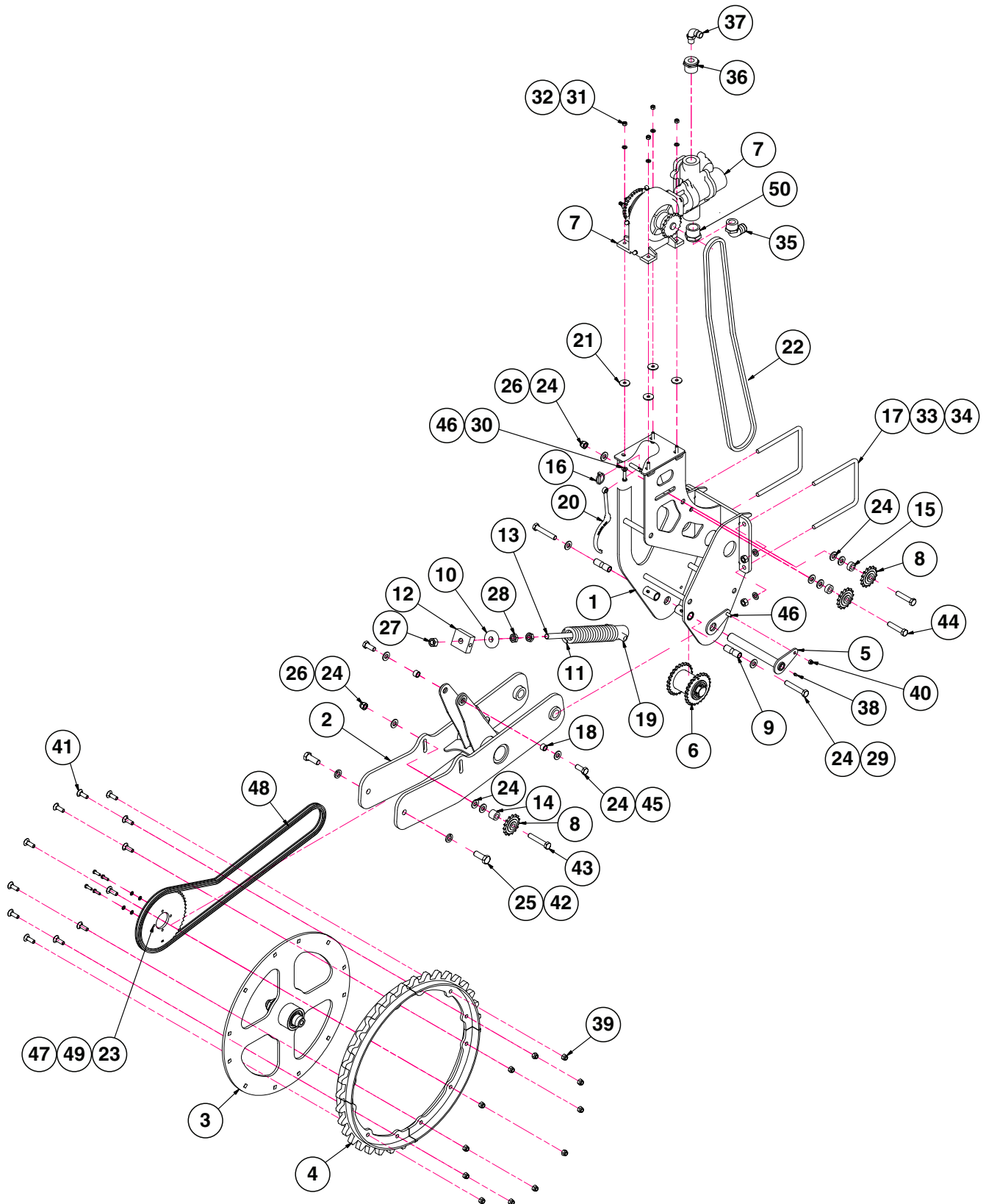
(A26256)



# Liquid Fertilizer System W/ Centrifugal Pump (1000 Gal.) Hoses & Fittings

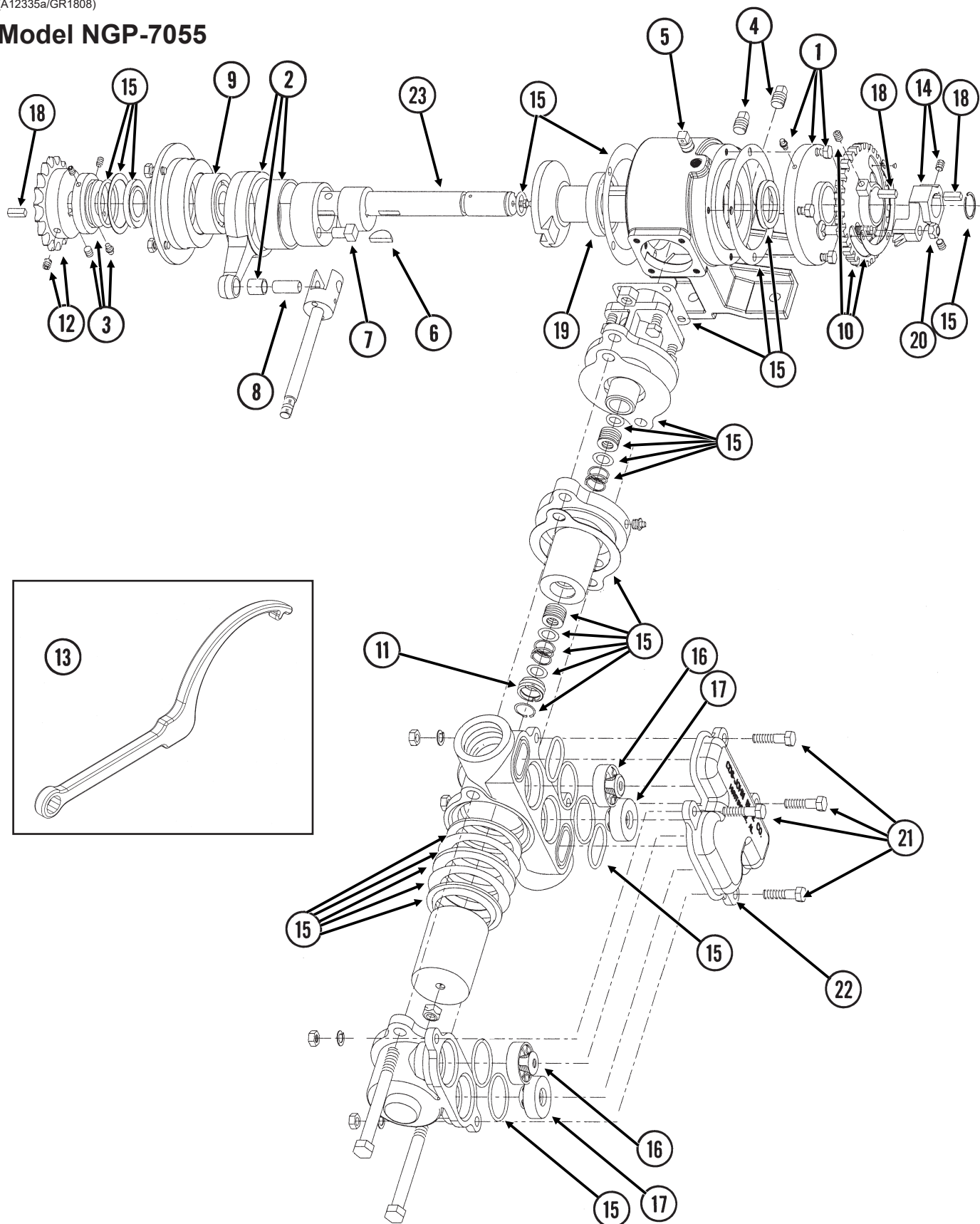
| ITEM | PART NO.    | QTY. | DESCRIPTION                                        |
|------|-------------|------|----------------------------------------------------|
| 1    | G4200-15    | 1    | Hose, 1-1/4" x 65'                                 |
| 2    | GA25672     | 1    | Fertilizer Valve Mount                             |
| 3    | GA25661     | 1    | Cross Reference                                    |
|      | GA19162     | 1    | Orifice                                            |
| 4    | GD30421-250 | 1    | Clear Blue Tube, 3/8" x 250' (Cut to length)       |
| 5    | G10681      | 2    | Hose Clamp, No. 6                                  |
| 6    | G10674      | 4    | Hose Clamp, No. 24                                 |
| 7    | G10676      | 8    | Hose Clamp, No. 36, Stainless Steel                |
| 8    | G4205-17    | 1    | Hose, 3/4" x 5.0                                   |
| 9    | G10672      | 10   | Hose Clamp, No. 28                                 |
| 10   | GA22898     | 1    | Pressure Gauge Bracket                             |
| 11   | GA21614     | 1    | 90° Elbow, Push-to-Connect                         |
| 12   | GA21456     | 1    | Pressure Gauge                                     |
| 13   | GA20723     | 1    | Pressure Relief Valve, 75 PSI                      |
| 14   | G10102      | 4    | Hex Nut, 1/2"-13                                   |
|      | G10228      | 4    | Lock Washer, 1/2"                                  |
| 15   | G11467      | 18   | Flange Clamp SS 50 Series                          |
| 16   | GA18720     | 2    | Liquid Level Sensor                                |
| 17   | G10071      | 2    | Serrated Flange Nut, 1/2"-13                       |
|      | G10045      | 2    | Hex Head Cap Screw, 1/2"-13 x 4 1/2"               |
| 18   | G11386      | 2    | Flat Washer, 5/16" SAE                             |
|      | G10109      | 2    | Lock Nut, 5/16"-18                                 |
|      | G11666      | 2    | Hex Head Cap Screw, 5/16"-18 x 4", Grade 5         |
| 19   | GA18182     | 1    | 1" Manifold T Strainer W/80 Mesh Screen            |
| 20   | GA18181     | 1    | 1" Manifold T Strainer W/30 Mesh Screen            |
| 21   | GA14814     | 1    | Fertilizer Control Valve                           |
| 22   | GA14813     | 1    | Flow Meter                                         |
| 23   | G11682      | 1    | Reducing Bushing, 1/2" Male NPT to 1/4" Female NPT |
| 24   | GD35608     | 1    | Fertilizer Filter Support Plate                    |
| 25   | G11498      | 18   | Gasket, Flange Ribbed 1"                           |
| 26   | G11506      | 1    | 90° Elbow, 1" Flange - 3/4" Barb                   |
| 27   | G11574      | 2    | 1" Manifold Coupling, 90°                          |
| 28   | G11458      | 6    | Adapter 1" Flange x 1 1/4" Hose Barb               |
| 29   | G11698      | 1    | 90° Elbow with 1/4" Gauge Port Flange Sweep        |
| 30   | GD26274     | 2    | U-Bolt, 1-1/2" x 1/4"-20                           |
|      | G11385      | 4    | Flat Washer, 1/4" SAE                              |
|      | G11320      | 4    | Lock Nut, 1/4"-20, Grade B                         |
| 31   | G11681      | 1    | 1/4" NPT x 1/4" Hose Barb Fitting                  |
| 32   | GD34924     | 1    | U-Bolt, 8" x 5" x 1/2"-13                          |
| 33   | GD29813     | 1    | Micro Valve, 1/4" Female NPT x 1/4" Male NPT       |
| 34   | GD29625     | 1    | Connector, 1/4" NPT x 3/8"                         |
| 35   | G11703      | 1    | 90° Elbow, 1/8" Male NPT to 1/4" Barb              |
| 36   | G11702      | 1    | Tee, 3/8" Union                                    |
| 37   | GD26304     | 2    | Flow Meter Flanged Adapter                         |
| 38   | G5000-08-04 | 1    | Coupling, 1/2"-14 FNPT x 1/4"-18 FNPT              |
| 39   | G11242      | 3    | Hex Socket Set Screw, 1/4"-20 x 3/8"               |
| 40   | G11677      | 1    | Adapter, 1" Flange x 1" Male NPT                   |
| 41   | GD4743      | 1    | U-Bolt, 3" x 3" x 1/2"-13                          |
| 42   | G11701      | 1    | Tee, 1/4" NPT x 1/4" Female NPT                    |
| 43   | G11583      | 2    | 1" Flanged Manifold Tee                            |
| 44   | G11460      | 1    | 90° Elbow, 1" NPT x 1 1/4" Hose Barb               |

(A25841)



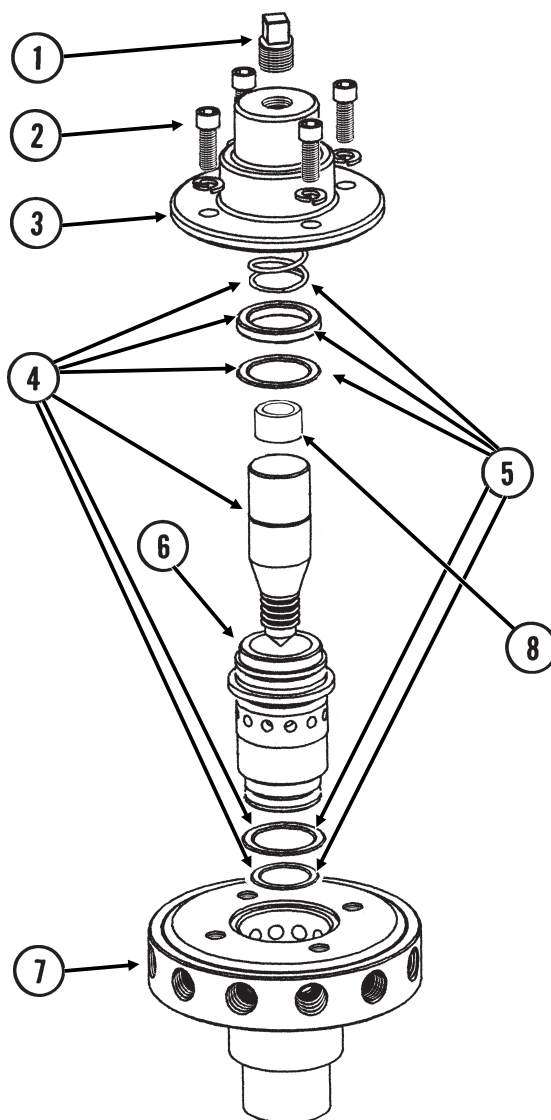
| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                               |
|------|-----------|------|-------------------------------------------------------------------------------------------|
| 1    | G10254601 | 1    | Piston Pump Mount                                                                         |
| 2    | GA25843   | 1    | Ground Drive Wheel Mount                                                                  |
| 3    | GA25845   | 1    | Ground Drive Wheel Assembly                                                               |
| 4    | GA25844   | 4    | Ground Drive Wheel Section                                                                |
| 5    | G10712601 | 1    | Hammer Strap                                                                              |
| 6    | GA25847   | 1    | Bearing Assembly                                                                          |
| 7    | GA12335   | 1    | <a href="#">See "Liquid Fertilizer Piston Pump (Uses 18 Tooth Sprocket)" on page P181</a> |
| 8    | GA0262    | 3    | Idler Sprocket W/Bearing, 15 Tooth                                                        |
| 9    | GD35819   | 2    | Bushing                                                                                   |
| 10   | GD34923   | 1    | Spring Seat                                                                               |
| 11   | GD10273   | 1    | Compression Spring                                                                        |
| 12   | GD7908    | 1    | Tap Block                                                                                 |
| 13   | GD7907    | 1    | Special Bolt                                                                              |
| 14   | GD7817-03 | 1    | Spacer, 11/16" I.D. x 1" Long                                                             |
| 15   | GD7817-04 | 2    | Spacer, 11/16" I.D. x 1/2" Long                                                           |
| 16   | GD2558    | 1    | Lynch Pin, 1/4"                                                                           |
| 17   | GD1114    | 2    | Spacer                                                                                    |
| 18   | GB0218    | 2    | Bushing, 21/32" I.D. x 7/8" O.D. x 19/32" Long                                            |
| 19   | GB0206    | 1    | Rod Guide                                                                                 |
| 20   | GR1808    | 1    | Adjustment Wrench                                                                         |
| 21   | GR1122    | 4    | Mounting Pad                                                                              |
| 22   | G3316-136 | 1    | Chain, No. 50, 136 Pitch Including Connector Link                                         |
| 23   | G2500-84  | 1    | Sprocket, 48 Tooth                                                                        |
| 24   | G11391    | 13   | Flat Washer, 5/8" SAE                                                                     |
| 25   | G10231    | 2    | Lock Washer, 3/4"                                                                         |
| 26   | G10107    | 3    | Lock Nut, 5/8"-11                                                                         |
| 27   | G10105    | 1    | Hex Nut, 3/4"-10                                                                          |
| 28   | G11087    | 2    | Hex Nut, 3/4"-10                                                                          |
| 29   | G10743    | 2    | Hex Head Cap Screw, 5/8"-11 x 3 3/4"                                                      |
| 30   | G11387    | 8    | Hardened Washer, 3/8" SAE                                                                 |
| 31   | G10229    | 4    | Lock Washer, 3/8"                                                                         |
| 32   | G10101    | 4    | Hex Nut, 3/8"-16                                                                          |
| 33   | G10230    | 4    | Lock Washer, 5/8"                                                                         |
| 34   | G10104    | 4    | Hex Nut, 5/8"-11                                                                          |
| 35   | G10629    | 1    | Elbow, 90°, 1 1/4" NPT To Barb                                                            |
| 36   | G11237    | 1    | Reducing Bushing, 1 1/2" Male NPT To 3/4" Female                                          |
| 37   | G10917    | 1    | Elbow, 90°, 3/4" NPT To Barb                                                              |
| 38   | G10640    | 2    | Grease Fitting, 1/4"-28                                                                   |
| 39   | G10111    | 12   | Lock Nut, 1/2"-13                                                                         |
| 40   | G10108    | 1    | Lock Nut, 3/8"-16                                                                         |
| 41   | G10636    | 12   | Carriage Bolt, 1/2"-13 x 1 1/2"                                                           |
| 42   | G10026    | 2    | Hex Head Cap Screw, 3/4"-10 x 2"                                                          |
| 43   | G10013    | 1    | Hex Head Cap Screw, 5/8"-11 x 3 1/2"                                                      |
| 44   | G10010    | 2    | Hex Head Cap Screw, 5/8"-11 x 3"                                                          |
| 45   | G10007    | 2    | Hex Head Cap Screw, 5/8"-11 x 1 1/2"                                                      |
| 46   | G10003    | 5    | Hex Head Cap Screw, 3/8"-16 x 1 1/2"                                                      |
| 47   | G10232    | 1    | Lock Washer, 5/16"                                                                        |
| 48   | G3316-136 | 1    | Chain, No. 50, 134.5 Pitch Including Connector Link                                       |
| 49   | G10019    | 4    | Hex Head Cap Screw, 5/16"-18 x 1"                                                         |
| 50   | G10615    | 1    | Reducing Bushing, 1 1/2" Male NPT To 1 1/4" Female                                        |

(A12335a/GR1808)

**Model NGP-7055**

| ITEM | PART NO. | QTY. | DESCRIPTION                                                                                                                                                                                                                   |
|------|----------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | GR1804   | 1    | Flange Cover Assembly                                                                                                                                                                                                         |
|      | G10991   | 4    | Hex Head Cap Screw, $\frac{5}{16}$ "-18 x $\frac{7}{8}$ "                                                                                                                                                                     |
| 2    | GR1803   | 1    | Connecting Rod Assembly                                                                                                                                                                                                       |
| 3    | GR1801   | 1    | Spacer Assembly                                                                                                                                                                                                               |
|      | G10693   | 3    | Hex Socket Head Set Screw, $\frac{5}{16}$ "-18 x $\frac{3}{8}$ "                                                                                                                                                              |
| 4    | GR1123   | 2    | Plug                                                                                                                                                                                                                          |
| 5    | GR1543   | 1    | Vent Plug                                                                                                                                                                                                                     |
| 6    | GR1112   | 1    | Woodruff Key                                                                                                                                                                                                                  |
| 7    | GR1120   | 1    | Eccentric Pin                                                                                                                                                                                                                 |
| 8    | GR1124   | 1    | Pin                                                                                                                                                                                                                           |
| 9    | GR1104   | 1    | Bearing                                                                                                                                                                                                                       |
| 10   | GR1805   | 1    | Setting Hub Assembly                                                                                                                                                                                                          |
| 11   | GR1134   | 1    | Stuffing Box Insert                                                                                                                                                                                                           |
| 12   | GR1146   | 1    | Sprocket, 18 Tooth                                                                                                                                                                                                            |
| 13   | GR1808   | 1    | Adjustment Wrench                                                                                                                                                                                                             |
| 14   | GR1806   | 1    | Setting Pointer Assembly                                                                                                                                                                                                      |
| 15   | GR1796   | 1    | Repair Kit, Includes: (6) Gaskets, (9) O-Rings, (4) Washers, (1) Retaining Ring, (2) Oil Seals, (1) Snap Ring, (1) Thrust Washer, (1) Rod Bushing, (2) Flange Plunger Packings, (2) Packing Springs, (2) Rod Vee Packing Sets |
| 16   | GR1800   | 2    | Discharge Valve Assembly                                                                                                                                                                                                      |
| 17   | GR1798   | 2    | Suction Valve Assembly                                                                                                                                                                                                        |
| 18   | GR1118   | 3    | Setting Arm Key                                                                                                                                                                                                               |
| 19   | GR1116   | 1    | Bearing                                                                                                                                                                                                                       |
| 20   | G10306   | 1    | Carriage Bolt, $\frac{3}{8}$ "-16 x 2"                                                                                                                                                                                        |
|      | G10108   | 1    | Lock Nut, $\frac{3}{8}$ "-16                                                                                                                                                                                                  |
| 21   | G10003   | 4    | Hex Head Cap Screw, $\frac{3}{8}$ "-16 x $1\frac{1}{2}$ "                                                                                                                                                                     |
|      | G11387   | 4    | Flat Washer, $\frac{3}{8}$ " SAE                                                                                                                                                                                              |
|      | G10229   | 4    | Lock Washer, $\frac{3}{8}$ "                                                                                                                                                                                                  |
|      | G10101   | 4    | Hex Nut, $\frac{3}{8}$ "-16                                                                                                                                                                                                   |
| 22   | GR2011   | 1    | Valve Cover, NPG-7055                                                                                                                                                                                                         |
| 23   | GR2185   | -    | Crankshaft                                                                                                                                                                                                                    |
| A    | GA12335  | -    | Piston Pump Complete W/18 Tooth Sprocket (Model NGP-7055)                                                                                                                                                                     |

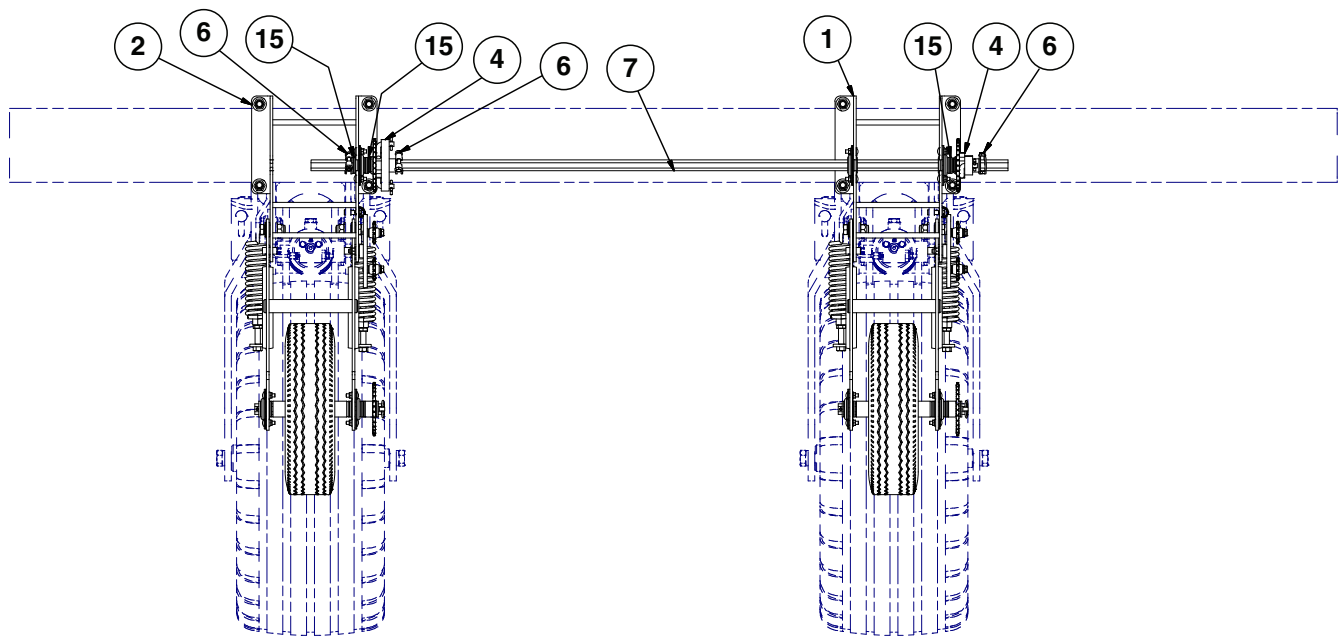
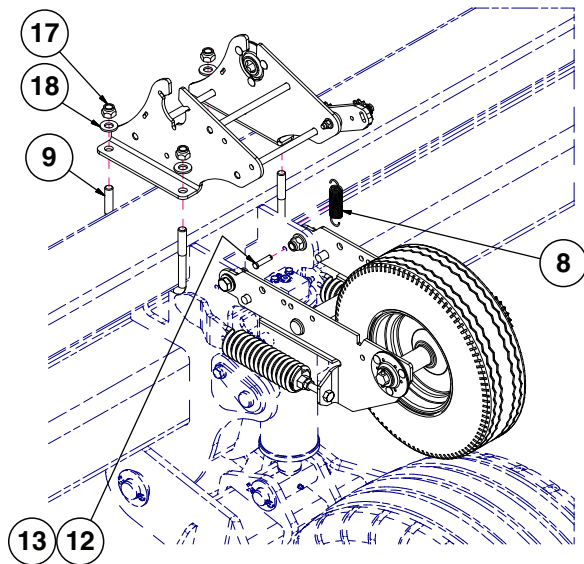
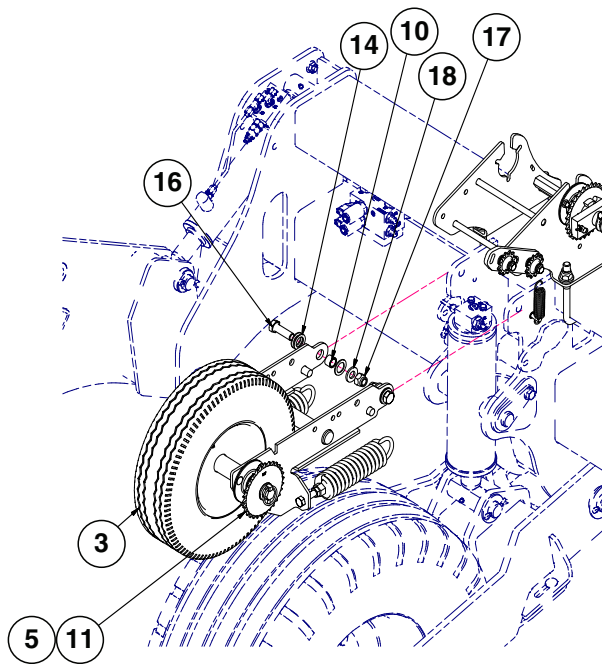
(FRTZ159/PT40a/FRTZ202c)

**Model FD-1200 Flow Divider, 12 Out-** $\frac{3}{4}$ " NPT

| ITEM | PART NO. | QTY. | DESCRIPTION                                                                    |
|------|----------|------|--------------------------------------------------------------------------------|
| 1    | GR1543   | 1    | Vent Plug                                                                      |
| 2    | GR1542   | 4    | Hex Socket Head Screw, 1/4"-20 x 3/4"                                          |
|      | GR1541   | 4    | Lock Washer, 1/4", Stainless Steel                                             |
| 3    | GR1540   | 1    | Cap                                                                            |
| 4    | GR1544   | 1    | Needle Assembly W/Seal Kit (Item 22)                                           |
| 5    | GR1545   | 1    | Seal Kit, Includes: (3) O-Rings, (1) Seal, (1) Spring                          |
| 6    | GR1535   | 1    | Sleeve                                                                         |
| 7    | GR1533   | 1    | Body (12 Outlets)                                                              |
| 8    | GR1574   | -    | Sleeve, 1" O.D. x 1/2" Long, Stainless Steel                                   |
| A    | GA8931   | 1    | Liquid Fertilizer Piston Pump Flow Divider Complete, 12 Outlet (Model FD-1200) |



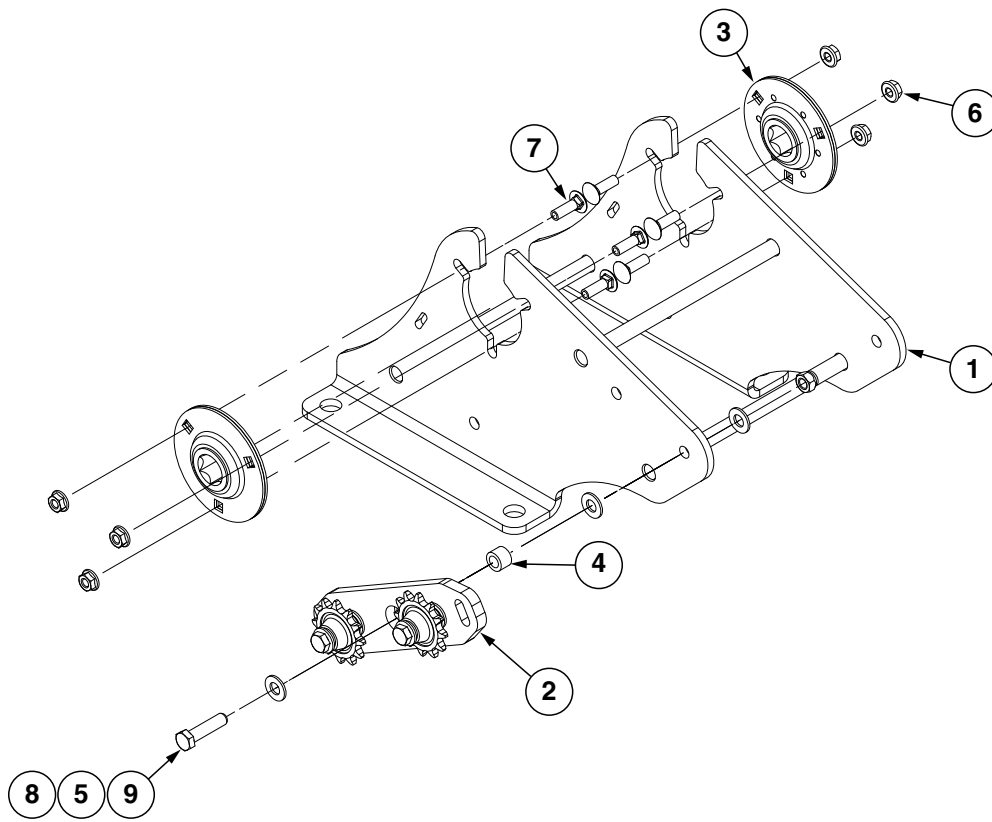
(102441)



| ITEM | PART NO.  | QTY. | DESCRIPTION                                              |
|------|-----------|------|----------------------------------------------------------|
| 1    | ---       | -    | <a href="#">See "Contact Drive Tower" on page P186</a>   |
| 2    | ---       | -    | <a href="#">See "Contact Drive Tower" on page P186</a>   |
| 3    | ---       | -    | <a href="#">See "Contact Tire Assembly" on page P187</a> |
| 4    | GA5164    | 2    | Ratchet/Sprocket Assembly                                |
| 5    | GA5114    | 2    | Sprocket, 30 Tooth                                       |
| 6    | GA11331   | 3    | Hex Lock Clamp Assembly                                  |
| 7    | GD0914-66 | 1    | Hex Shaft, 7/8" x 66" (No Holes)                         |
| 8    | GD5857    | 2    | Spring                                                   |
| 9    | GD16598   | 4    | U-Bolt, 4" x 7" x 5/8"-11                                |
| 10   | GB0218    | 4    | Bushing, 21/32" I.D. x 7/8" O.D. x 19/32" Long           |
| 11   | G3310-136 | 2    | Chain, No. 40 Roller Chain, 136 Pitches                  |
| 12   | G10166    | 2    | Clevis Pin, 3/8" x 1 1/2"                                |
| 13   | G10860    | 2    | Retaining Ring, 3/8"                                     |
| 14   | G10235    | 12   | Machine Bushing, 7/8", 14 Gauge (.0747")                 |
| 15   | G10233    | 8    | Machine Bushing, 1 1/2" x 1/32", 10 Gauge (.1345")       |
| 16   | G10008    | 4    | Hex Head Cap Screw, 5/8"-11 x 2"                         |
| 17   | G10107    | 12   | Lock Nut, 5/8"-11                                        |
| 18   | G11391    | 12   | Flat Washer, 5/8" SAE                                    |

(A25127)

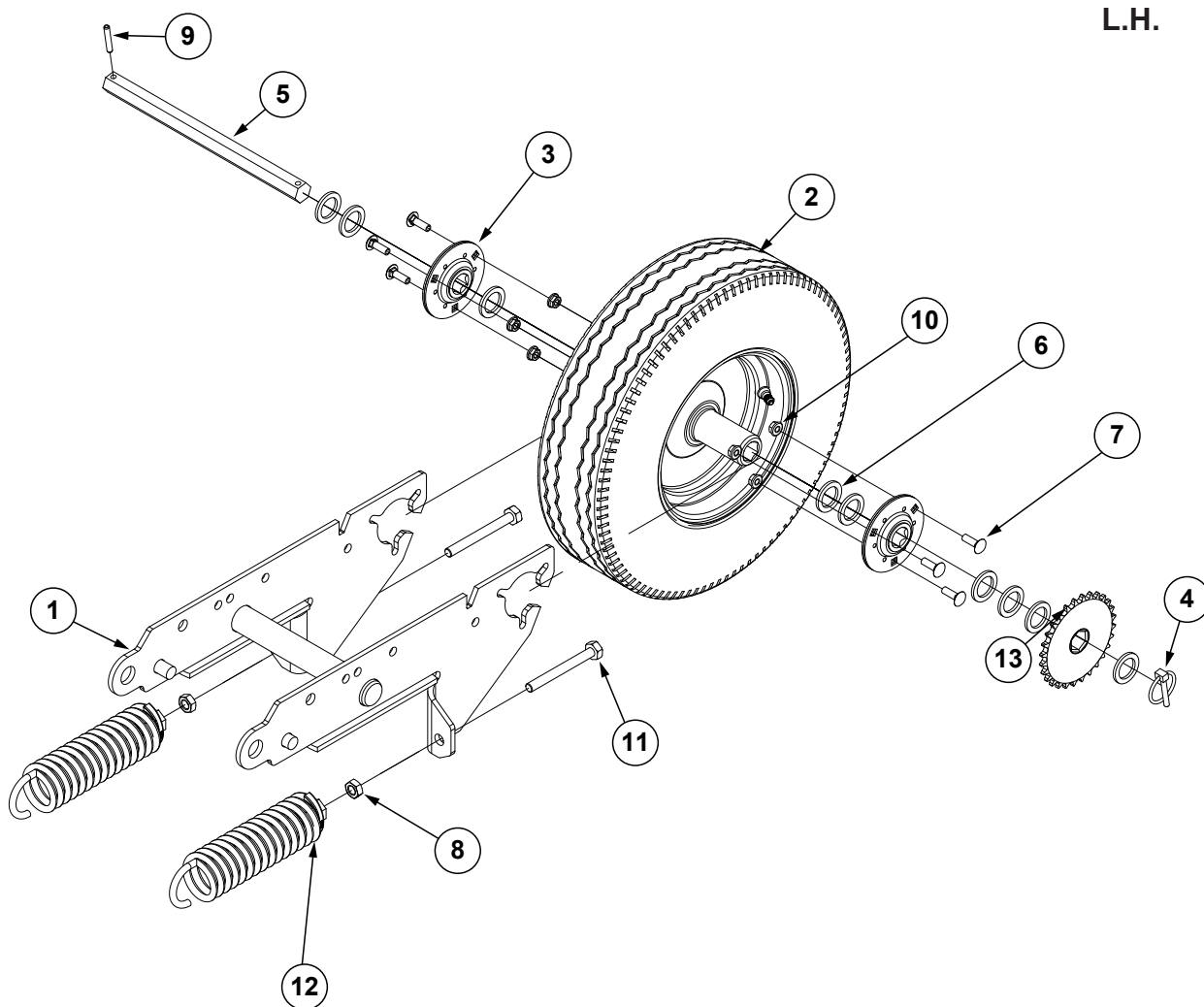
L.H.



| ITEM | PART NO.  | QTY. | DESCRIPTION                          |
|------|-----------|------|--------------------------------------|
| 1    | G10244201 | 1    | Contact Drive Tower                  |
| 2    | G10047    | 2    | Hex Head Cap Screw, 3/8"-16 x 1 3/4" |
|      | G11387    | 4    | Flat Washer, 3/8" SAE                |
|      | GD1026    | 2    | Sleeve, 1 3/16"                      |
|      | GD7426    | 2    | Sprocket, 12 Tooth                   |
|      | GA24741   | 1    | Double Idler                         |
| 3    | GA9846    | 2    | Flanged Bearing, 7/8" Hex Bore       |
| 4    | GD2971-03 | 1    | Tube                                 |
| 5    | G11387    | 3    | Hardened Washer, 3/8" SAE            |
| 6    | G10620    | 6    | Serrated Flange Nut, 5/16"-18        |
| 7    | G10303    | 6    | Carriage Bolt, 5/16"-18 x 1"         |
| 8    | G10108    | 1    | Lock Nut, 3/8"-16                    |
| 9    | G10003    | 1    | Hex Head Cap Screw, 3/8"-16 x 1 1/2" |

(A25125)

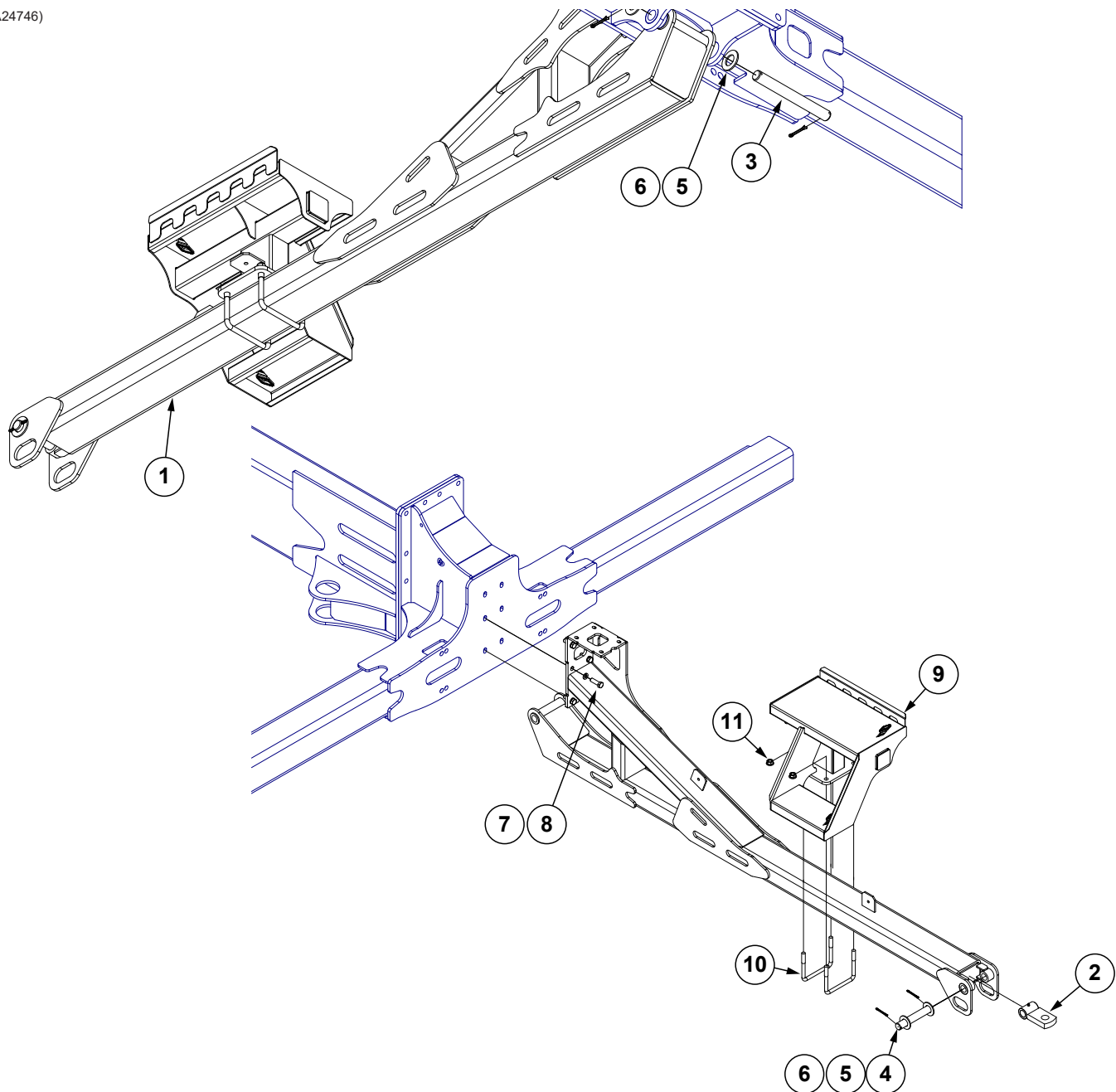
L.H.



| ITEM | PART NO.      | QTY. | DESCRIPTION                                                              |
|------|---------------|------|--------------------------------------------------------------------------|
| 1    | GA25117       | 1    | Contact Tire Arm                                                         |
| 2    | GD4700        | 1    | Tire, 4.80" x 8", 4 Ply, Rib Implement (Specify Brand*)                  |
|      | GD4701        | 1    | Valve Stem                                                               |
|      | GA17944       | 1    | Rim, 3 $\frac{3}{4}$ " x 8" (Gray)                                       |
| 3    | GA9846        | 2    | Flanged Bearing, $\frac{7}{8}$ " Hex Bore                                |
| 4    | GD2558        | 1    | Lynch Pin, $\frac{1}{4}$ "                                               |
| 5    | GD34622-12.25 | 1    | Hex Shaft, $\frac{7}{8}$ " x 12 $\frac{1}{4}$ " W/2 Holes,               |
|      | GD34622-13.41 | -    | Hex Shaft, $\frac{7}{8}$ " x 13.41" W/2 Holes, (R.H. Inner)              |
| 6    | G10233        | 9    | Machine Bushing, 1 $\frac{1}{2}$ " x $\frac{1}{32}$ ", 10 Gauge (.1345") |
| 7    | G10303        | 6    | Carriage Bolt, $\frac{5}{16}$ "-18 x 1"                                  |
| 8    | G10501        | 2    | Hex Jam Nut, $\frac{1}{2}$ "-13, Grade 2                                 |
| 9    | G10602        | 1    | Spring Pin, $\frac{1}{4}$ " x 1 $\frac{1}{2}$ "                          |
| 10   | G10620        | 6    | Serrated Flange Nut, $\frac{5}{16}$ "-18                                 |
| 11   | G10890        | 2    | Hex Head Adjusting Bolt, $\frac{1}{2}$ "-13 x 4", Grade 2                |
| 12   | GA2068        | 2    | Spring W/Plug                                                            |
| 13   | GA5114        | -    | Sprocket, 30 Tooth                                                       |

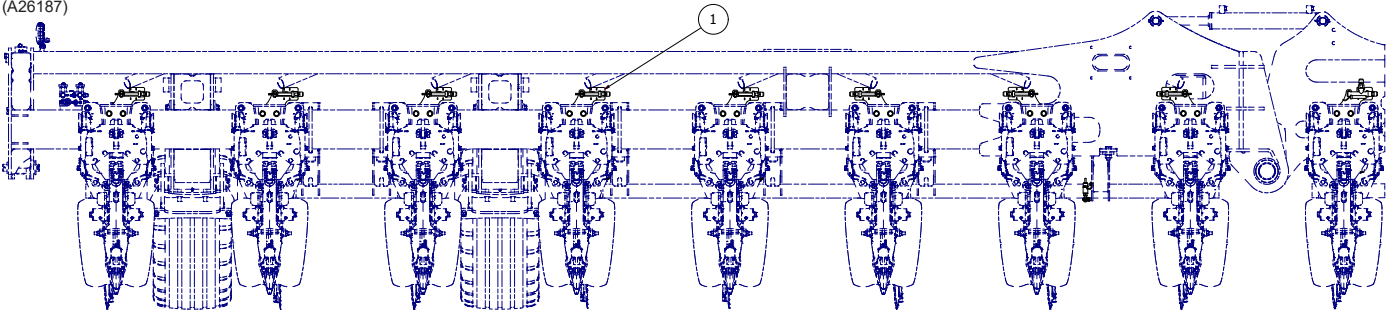
\*Specific brand requests will be supplied only as available from current Kinze Repair Parts stock. If a specific brand requested is not in stock, the brand available will be supplied.

(A24746)

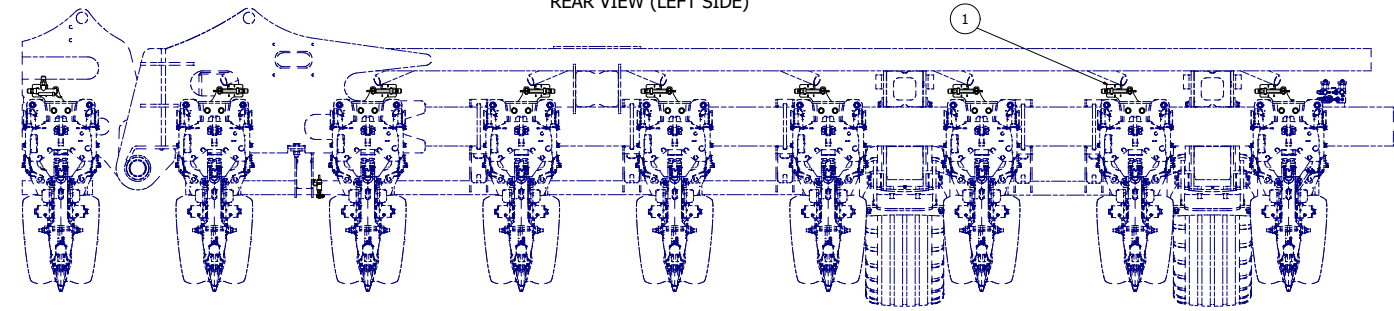


| ITEM | PART NO.   | QTY. | DESCRIPTION                    |
|------|------------|------|--------------------------------|
| 1    | GA24747    | 1    | Trailer Hitch                  |
| 2    | GA17480    | 1    | Clevis                         |
| 3    | GD29104-13 | 1    | Pin, 1¼" O.D. x 11½"           |
| 4    | GD29104-15 | 1    | Pin, 1¼" O.D. x 8"             |
| 5    | G11396     | 4    | Flat Washer, 1¼" SAE           |
| 6    | G10460     | 4    | Cotter Pin, ¼" x 2"            |
| 7    | G10230     | 6    | Lock Washer, ⅝"                |
| 8    | G10008     | 6    | Hex Head Cap Screw, ⅝"-11 x 2" |
| 9    | GA24748    | 1    | Trailer Hitch Step             |
| 10   | GD9662     | 2    | U-Bolt, 4" x 6" x ⅝"-11        |
| 11   | G11415     | 4    | Serrated Flange Nut, ⅝"-11     |

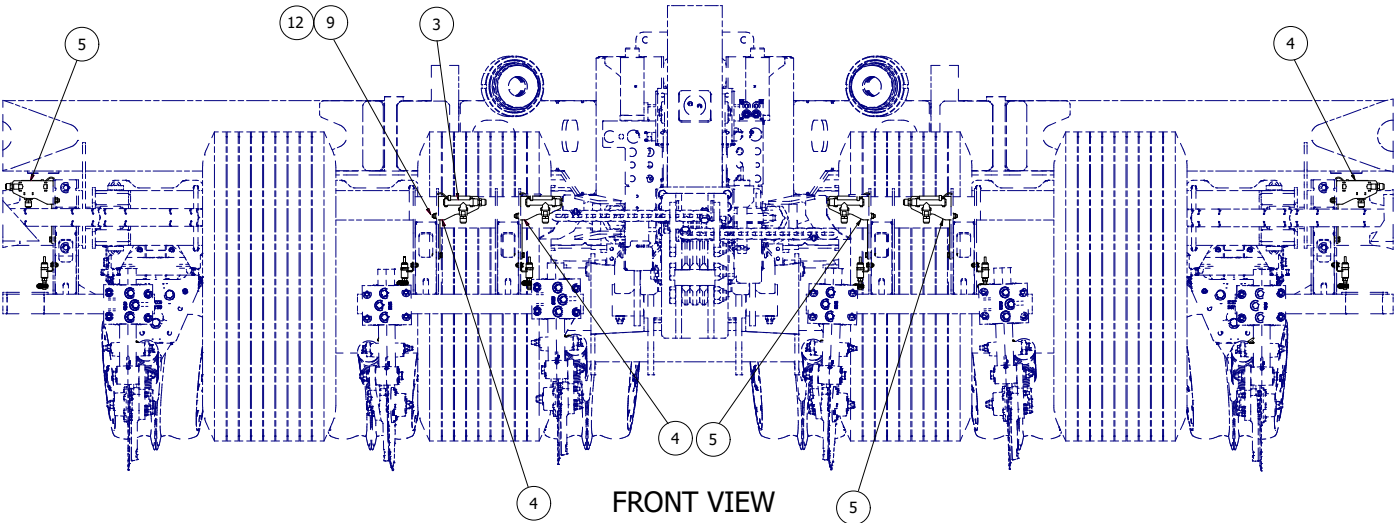
(A26187)



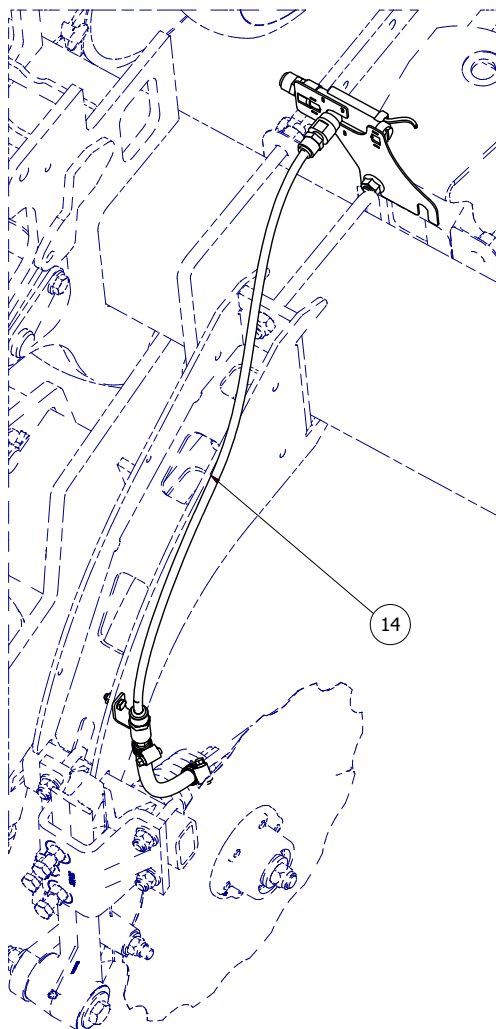
REAR VIEW (LEFT SIDE)



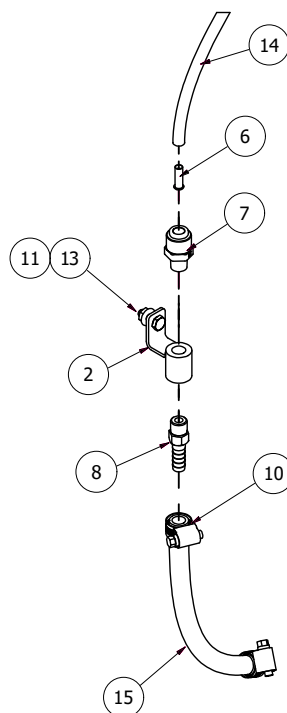
REAR VIEW (RIGHT SIDE)



FRONT VIEW



DETAIL A

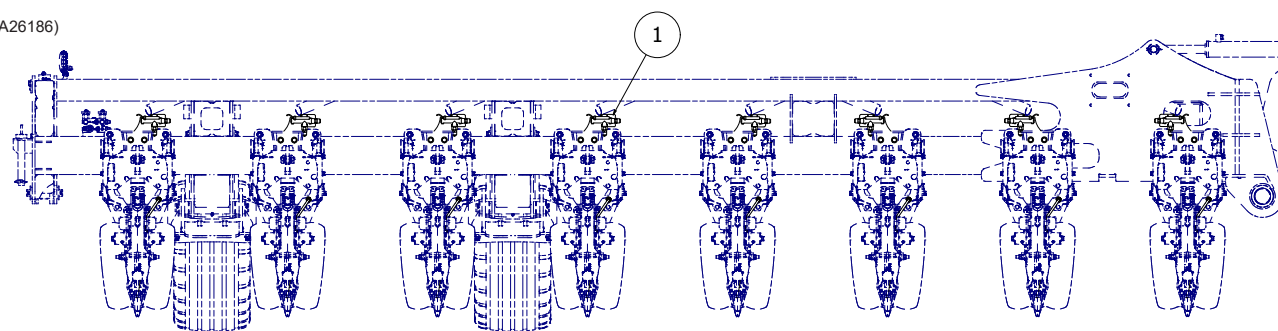


DETAIL B

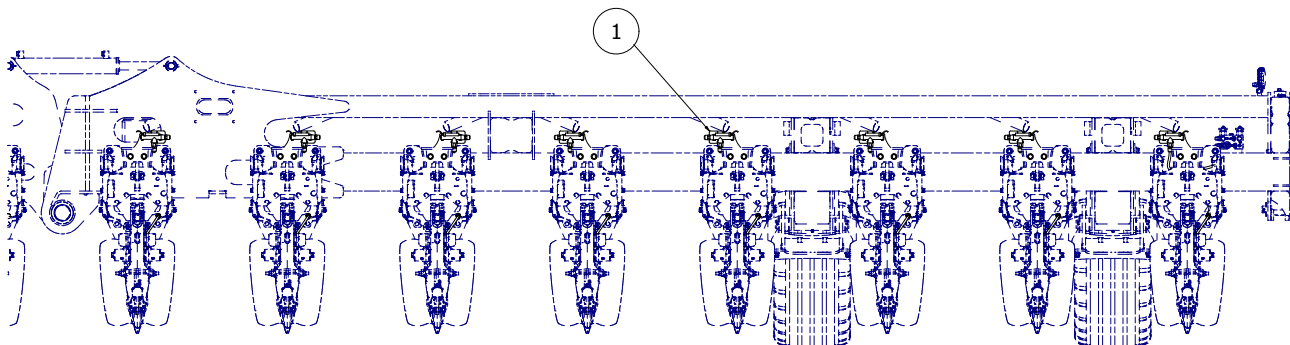
| ITEM | PART NO.    | QTY. | DESCRIPTION                        |
|------|-------------|------|------------------------------------|
| 1    | GA18860     | 18   | Fertilizer Flow Switch             |
| 2    | GA18576     | 24   | Fertilizer Adapter Tube            |
| 3    | GA14812     | 6    | Flow Switch                        |
| 4    | GD35591     | 3    | Sensor Mount Plate                 |
| 5    | GD35590     | 3    | Flow Switch Bracket                |
| 6    | GD29709     | 96   | Support Tub                        |
| 7    | GD29625     | 24   | Connector, 1/4" NPT x 3/8"         |
| 8    | GD11700     | 2    | Adapter, 1/4" NPT To 3/8" Barb     |
| 9    | G10001      | 12   | Hex Head Cap Screw, 3/8"-16 x 1"   |
| 10   | G10681      | 47   | Hose Clamp, No. 6                  |
| 11   | G10621      | 24   | Serrated Flange Nut, 1/4"-20       |
| 12   | G10622      | 12   | Serrated Flange Nut, 3/8"-16       |
| 13   | G10023      | 24   | Hex Head Cap Screw, 1/4"-20 x 3/4" |
| 14   | GD30421-125 | 1    | Clear Blue Tube, 3/8" O.D. x 125'  |
| 15   | G4301-05    | 1    | Hose, 3/8" x 120'                  |



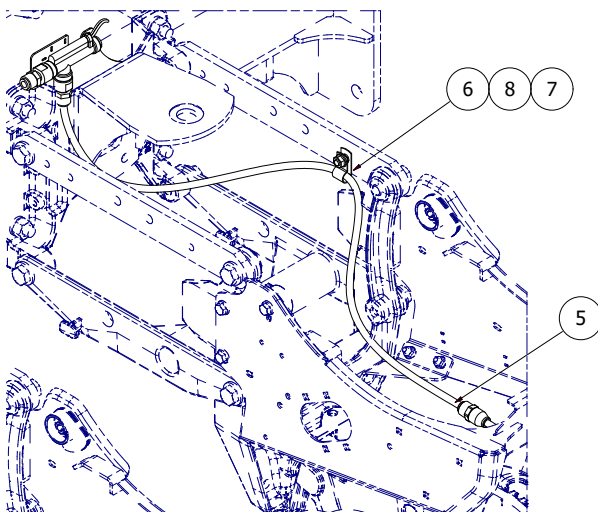
(A26186)



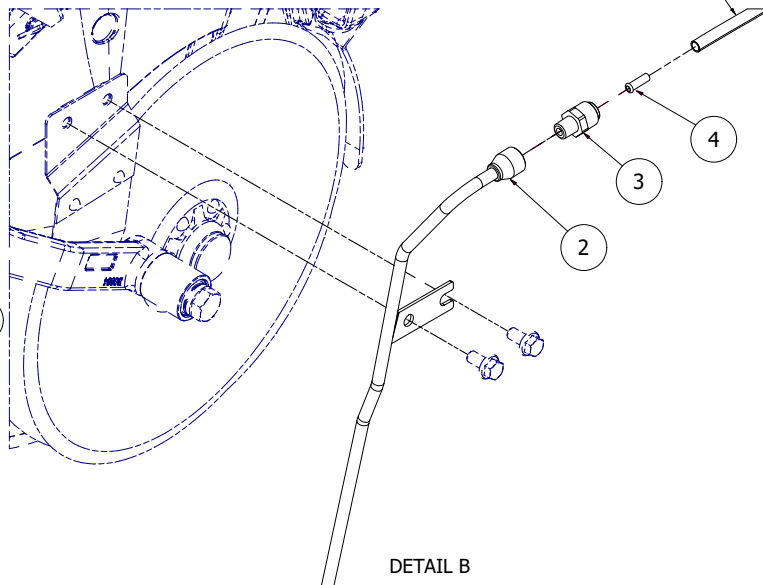
REAR VIEW (LEFT SIDE)



REAR VIEW (RIGHT SIDE)



DETAIL A

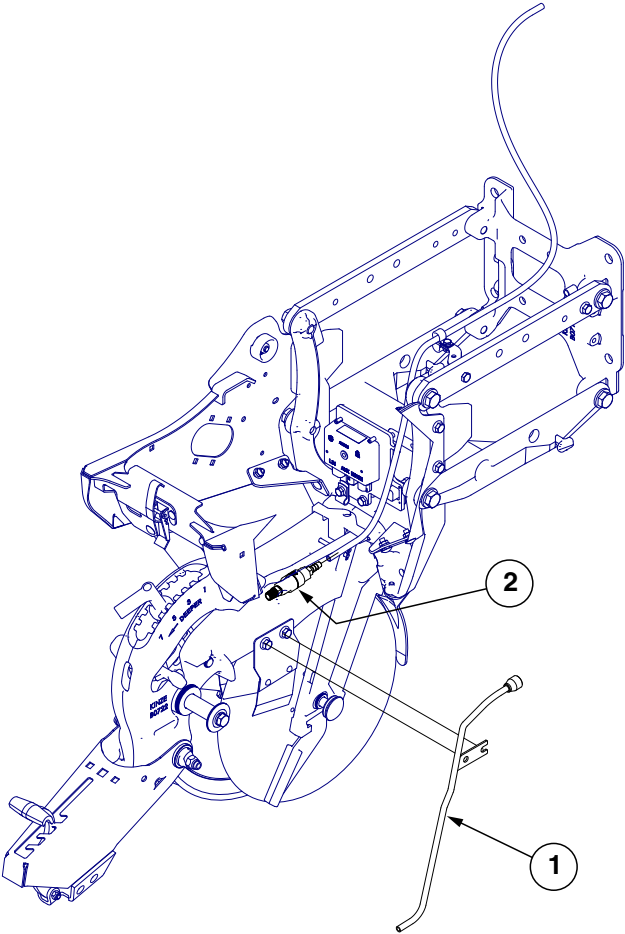


DETAIL B

| ITEM | PART NO.    | QTY. | DESCRIPTION                          |
|------|-------------|------|--------------------------------------|
| 1    | GA18860     | 24   | Fertilizer Flow Switch               |
| 2    | GA18822     | 24   | Liquid Fertilizer Tube               |
| 3    | GD29625     | 24   | Connector, 1/4" NPT x 3/8"           |
| 4    | GD29709     | 96   | Support Tube                         |
| 5    | GD30421-125 | 1    | Clear Blue Tube, 3/8" O.D. x 125     |
| 6    | GD13348     | 24   | Insulated Clamp, 11/16"              |
| 7    | G10622      | 24   | Serrated Flange Nut, 3/8"-16         |
| 8    | G10004      | 24   | Hex Head Cap Screw, 3/8"-16 x 1 1/4" |



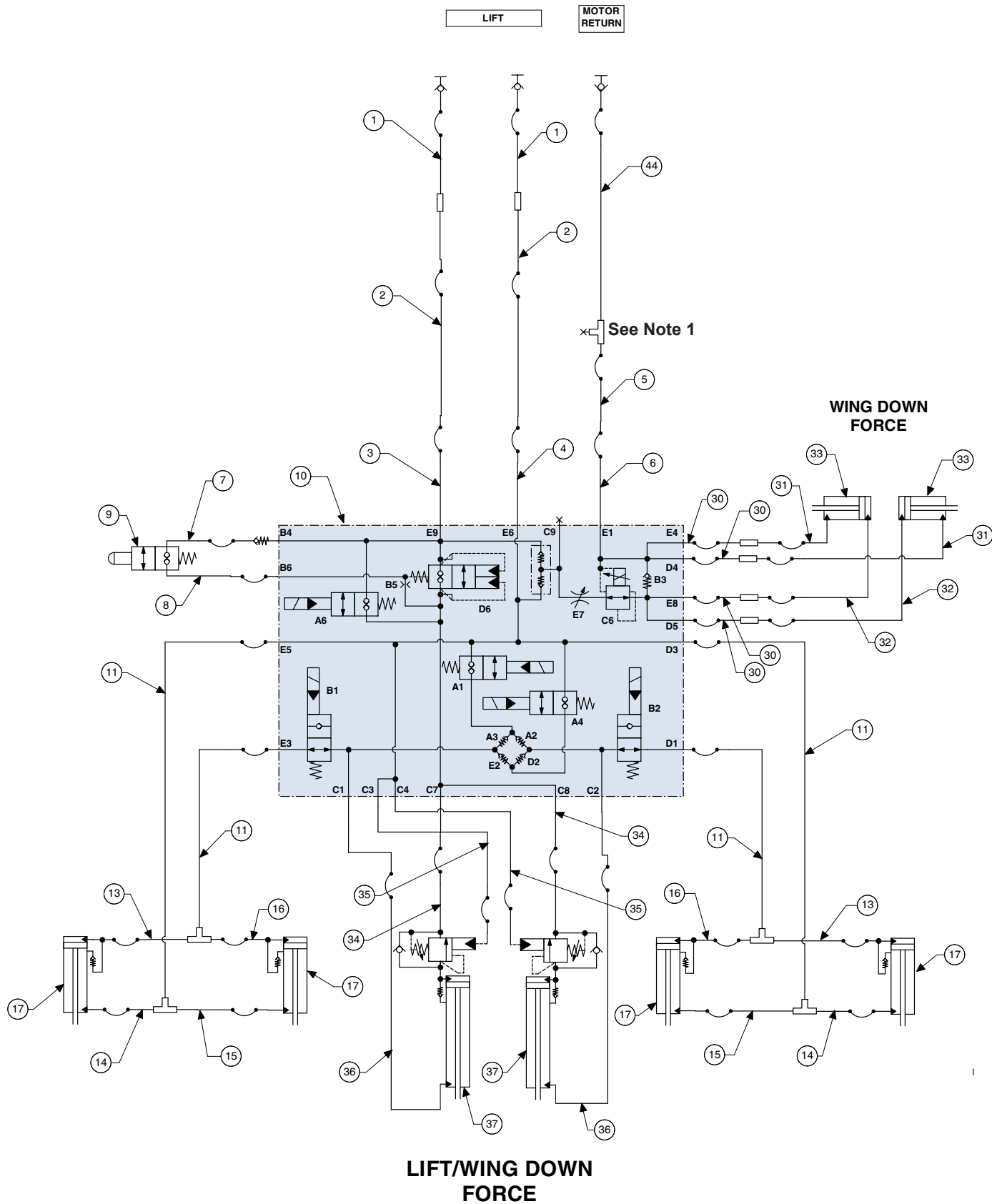
(A18821a)

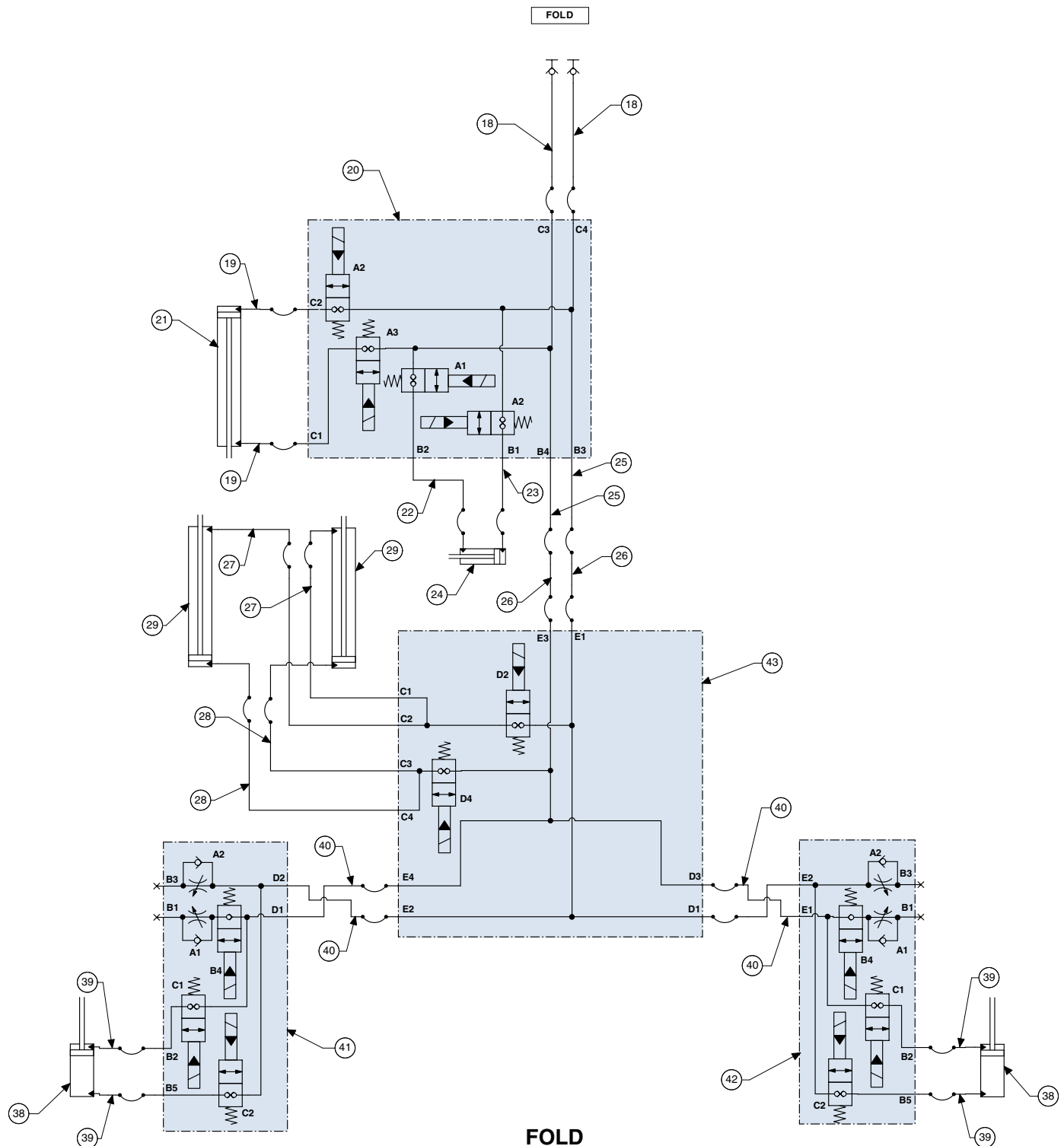


| ITEM | PART NO. | QTY. | DESCRIPTION            |
|------|----------|------|------------------------|
| 1    | GA18822  | -    | Liquid Fertilizer Tube |
| 2    | GA20583  | -    | Check Valve Assembly   |

**This page left blank intentionally.**

(Z0359)





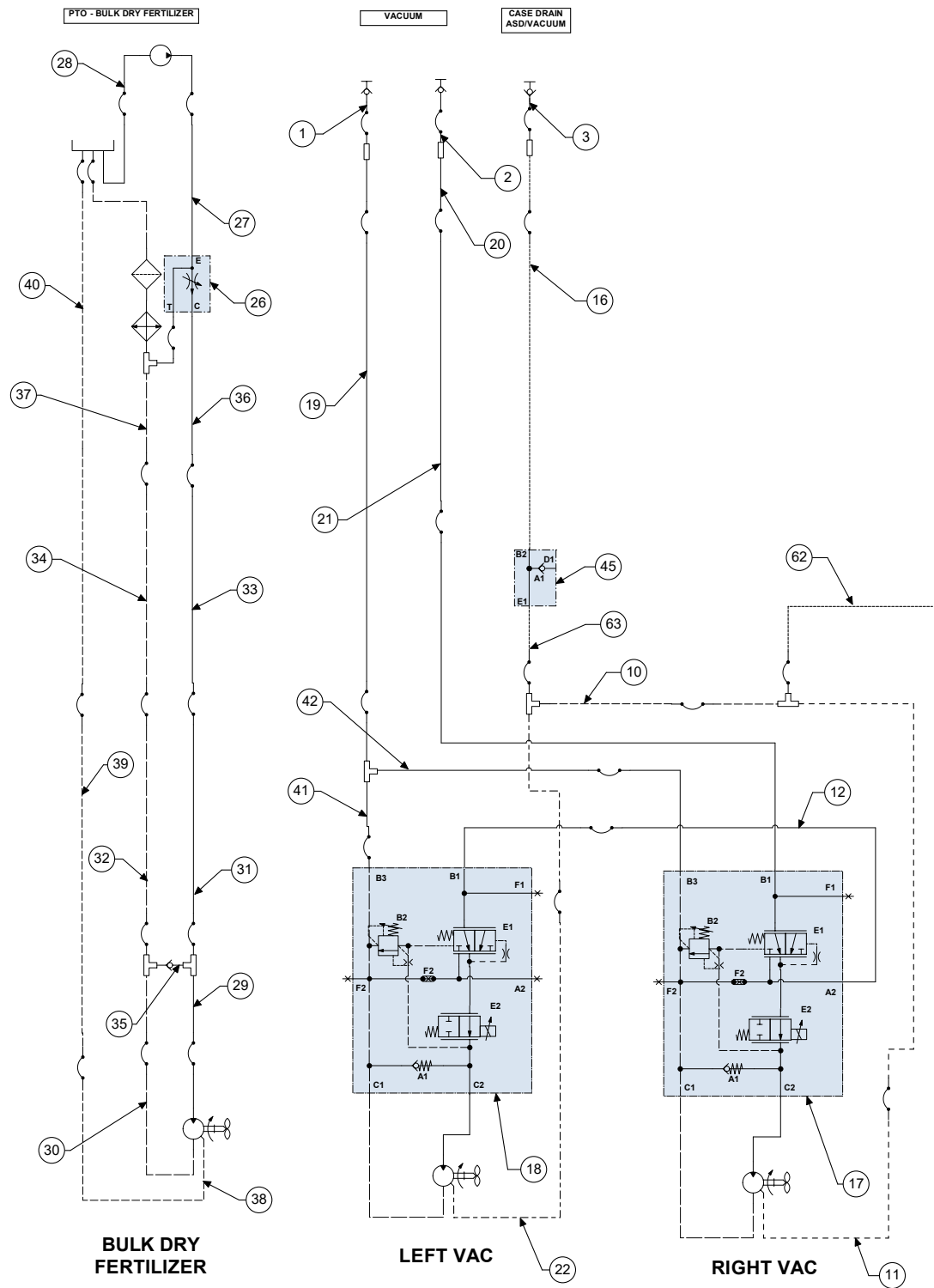
**Note 1:** Open Tee port used to connect Bulk Fill/Liquid Fertilizer Return hose (see p. 198)

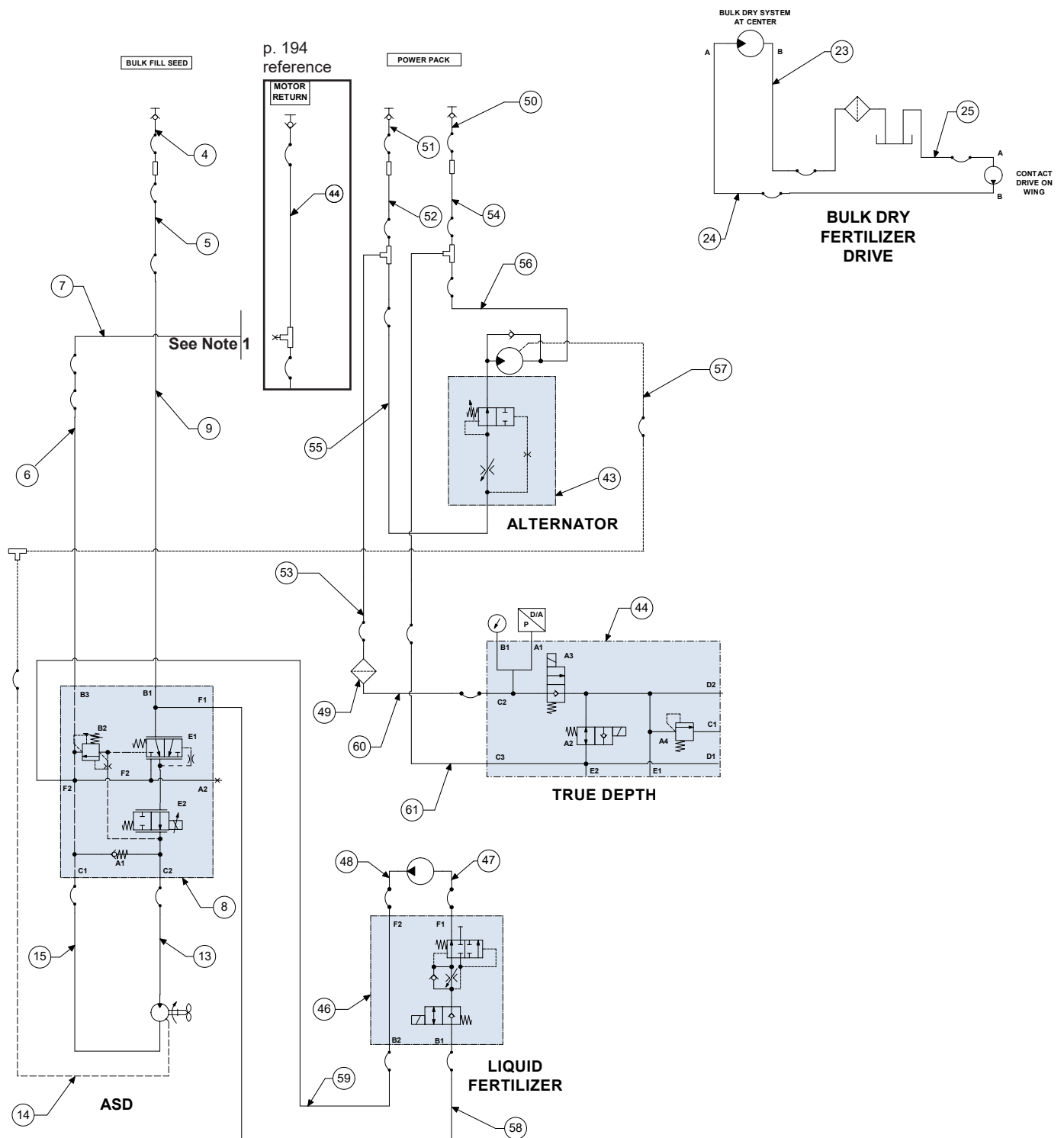
| ITEM | PART NO.    | QTY. | DESCRIPTION                                                             |
|------|-------------|------|-------------------------------------------------------------------------|
| 1    | *A21545-114 | 2    | Hose Assembly, 5/8" AR x 114" (10F - 1/2" M NPTF W/Ext, W/Tip)          |
| 2    | *A21536-242 | 2    | Hose Assembly, 5/8" AR x 242" (10F-10M)                                 |
| 3    | *A11481-203 | 1    | Hose Assembly, 5/8" AR x 203" (10F-10F)                                 |
| 4    | *A11481-200 | 1    | Hose Assembly, 5/8" AR x 200" (10F-10F)                                 |
| 5    | *A25693-242 | 1    | Hose Assembly, 3/8" AR x 242" (10F-06M)                                 |
| 6    | *A25691-205 | 1    | Hose Assembly, 3/8" AR x 205" (06F-06F)                                 |
| 7    | *A7679-24   | 1    | Hose Assembly, 1/4" x 24" (06F - 06F90)                                 |
| 8    | *A7679-32   | 1    | Hose Assembly, 1/4" x 32" (06F - 06F90)                                 |
| 9    | GA15784     | 1    | Interlock Valve                                                         |
| 10   | G10328101   | 1    | <a href="#">See "Lift/Down Force Manifold Block" on page P214</a>       |
| 11   | *A18630-272 | 4    | Hose Assembly, 1/2" AR x 272" (08F-08F)                                 |
| 13   | *A15035-74  | 2    | Hose Assembly, 3/8" AR x 74" (06F-08F)                                  |
| 14   | *A15035-77  | 2    | Hose Assembly, 3/8" AR x 77" (06F-08F)                                  |
| 15   | *A15035-21  | 2    | Hose Assembly, 3/8" x 218" (06F-08F)                                    |
| 16   | *A15035-18  | 2    | Hose Assembly, 3/8" AR x 18" (06F-08F)                                  |
| 17   | GA25221     | 4    | <a href="#">See "Wing Cylinder" on page P208</a>                        |
| 18   | *A18692-115 | 2    | Hose Assembly, 1/2" x 115" (08F - 1/2" Male NPTF), W/Extension, W/Tip   |
| 19   | *A15035-74  | 2    | Hose Assembly, 3/8" AR x 74" (06F-08F)                                  |
| 20   | GA24775     | 1    | <a href="#">See "Hydraulic Valve Block on Front Hitch" on page P216</a> |
| 21   | GA24861     | 1    | <a href="#">See "Drawbar Hitch Cylinder" on page P204</a>               |
| 22   | *A7678-17   | 1    | Hose Assembly, 1/4" x 17" (04F - 04F)                                   |
| 23   | *A7678-19   | 1    | Hose Assembly, 1/4" x 19" (04F-04F)                                     |
| 24   | GA9205      | 1    | <a href="#">See "Tongue Lock Cylinder" on page P207</a>                 |
| 25   | *A25704-242 | 2    | Hose Assembly, 1/2" AR x 242" (08F-08M)                                 |
| 26   | *A18630-200 | 2    | Hose Assembly, 1/2" AR x 200" (08F-08F)                                 |
| 27   | *A25691-128 | 2    | Hose Assembly, 3/8" AR x 128" (06F-06F)                                 |
| 28   | *A25691-103 | 2    | Hose Assembly, 3/8" AR x 103" (06F-06F)                                 |
| 29   | GA24769     | 2    | <a href="#">See "Fold Cylinder" on page P206</a>                        |
| 30   | *A25692-118 | 4    | Hose Assembly, 3/8" AR x 118" (06F90S-06F)                              |
| 31   | *A15081-37  | 2    | Hose Assembly, 3/8" x 37" (06F - 06F)                                   |
| 32   | *A12011     | 2    | Hose Assembly, 3/8" x 20" (06F-06F)                                     |
| 33   | G10342101   | 2    | <a href="#">See "Wing Down Pressure Cylinder" on page P212</a>          |
| 34   | *A18630-41  | 2    | Hose Assembly, 1/2" AR x 41" (08F-08F)                                  |
| 35   | *A7684-43   | 2    | Hose Assembly, 1/4" AR x 43" (04F-04F)                                  |
| 36   | *A18630-53  | 2    | Hose Assembly, 1/2" AR x 53" (08F-08F)                                  |
| 37   | GA27043     | 2    | <a href="#">See "Master Cylinder (Center)" on page P210</a>             |
| 38   | GA24999     | 2    | <a href="#">See "Wing Latch Cylinder" on page P213</a>                  |
| 39   | *A7683-24   | 4    | Hose Assembly, 1/4" AR x 24" (04F-04F STD 90)                           |
| 40   | *A25691-365 | 4    | Hose Assembly, 3/8" AR x 365" (06F-06F)                                 |
| 41   | GA25233     | 1    | <a href="#">See "Hydraulic Valve Block on Outer Wings" on page P217</a> |
| 42   | GA25234     | 1    | <a href="#">See "Hydraulic Valve Block on Outer Wings" on page P217</a> |
| 43   | GA24771     | 1    | <a href="#">See "Fold/Marker Manifold Block" on page P218</a>           |
| 44   | *A21546-115 | 1    | Hose Assembly, 5/8" x 115" (10F - 1/2" Male NPTF)                       |

\* Hydraulic hose is not stocked by Kinze Repair Parts.

**This page left blank intentionally.**

(Z0367)





**Note 1:** Connects to open Tee port on the Motor Return labeled hydraulic hose on P189.

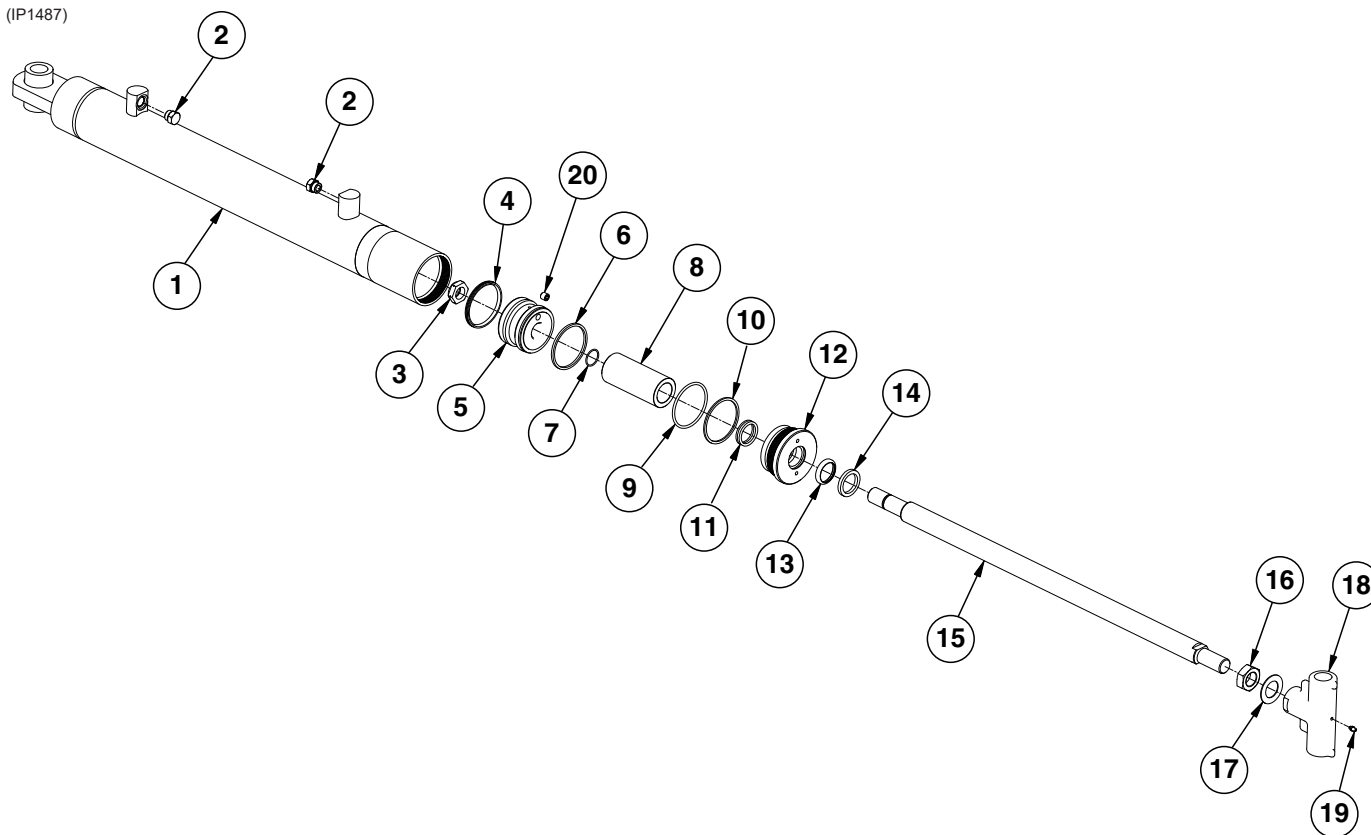


| ITEM | PART NO.     | QTY. | DESCRIPTION                                                            |
|------|--------------|------|------------------------------------------------------------------------|
| 1    | *A21546-115  | 1    | Hose Assembly, 5/8" x 115" (10F - 1/2" Male NPTF)                      |
| 2    | *A18692-115  | 1    | Hose Assembly, 1/2" x 115" (08F - 1/2" Male NPTF), W/Extension, W/Tip  |
| 3    | *A26938-115  | 1    | Hose Assembly, 3/8" x 115" (08F - 1/2 Male NPTF), W/Extension, W/Tip   |
| 4    | *A18692-115  | 1    | Hose Assembly, 1/2" x 115" (08F - 1/2" Male NPTF), W/Extension, W/Tip  |
| 5    | *A25704-242  | 1    | Hose Assembly, 1/2" AR x 242" (08F-08M)                                |
| 6    | *A11481-217  | 1    | Hose Assembly, 5/8" AR x 217" (10F-10F)                                |
| 7    | *A21536-242  | 1    | Hose Assembly, 5/8" AR x 242" (10F-10M)                                |
| 8    | GA26164      | 1    | <a href="#">See "Vacuum Fan Hydraulic Block Assembly" on page P230</a> |
| 9    | *A18630-215  | 1    | Hose Assembly, 1/2" AR x 215" (08F-08F)                                |
| 10   | *A25691-148  | 1    | Hose Assembly, 3/8" AR x 148" (06F-06F)                                |
| 11   | *A25691-248  | 1    | Hose Assembly, 3/8" AR X 248" (06F - 06F)                              |
| 12   | *A18686-482  | 1    | Hose Assembly, 1/2" AR X 482" (08F - 08F90S)                           |
| 13   | *A15096-20   | 1    | Hose Assembly, 3/8" x 20" (06F-06F Short 90)                           |
| 14   | *A15056      | 1    | Hose Assembly, 3/8" x 40" (06F-06F)                                    |
| 15   | *A18671-20   | 1    | Hose Assembly, 1/2" x 20" (08F-08F90S)                                 |
| 16   | *A25691-287  | 1    | Hose Assembly, 3/8" AR x 287" (06F-06F)                                |
| 17   | GA26164      | 1    | <a href="#">See "Vacuum Fan Hydraulic Block Assembly" on page P230</a> |
| 18   | GA26164      | 1    | <a href="#">See "Vacuum Fan Hydraulic Block Assembly" on page P230</a> |
| 19   | *A11481-284  | 1    | Hose Assembly, 5/8" AR X 284" (10F - 10F)                              |
| 20   | *A18630-240  | 1    | Hose Assembly, 1/2" AR X 240" (08F - 08F)                              |
| 21   | *A25704-128  | 1    | Hose Assembly, 1/2" AR X 128" (08F - 08M)                              |
| 22   | *A25691-98   | 1    | Hose Assembly, 3/8" AR X 98" (06F - 06F)                               |
| 23   | *A18674-415  | 1    | Hose Assembly, 1/2" AR x 415" (08F-08F L90)                            |
| 24   | *A12701      | 1    | Hose Assembly, 1/2" x 438"                                             |
| 25   | *A18674-36   | 1    | Hose Assembly, 1/2" AR x 36" (08F-08F L90)                             |
| 26   | GA25352      | 1    | Flow Control Valve, 3-Way                                              |
| 27   | *A3387       | 1    | Hose Assembly, 3/4" x 100"                                             |
| 28   | *A11810-102  | 1    | Hose Assembly, 1-1/4" x 102" (20F-20F), Corrugated                     |
| 29   | *A21533-13.5 | 1    | Hose Assembly, 3/4" x 13-1/2" (12F-12F)                                |
| 30   | *A21533-13.5 | 1    | Hose Assembly, 3/4" x 13-1/2" (12F-12F)                                |
| 31   | *A21533-26   | 1    | Hose Assembly, 3/4" x 26" (12F-12F)                                    |
| 32   | *A21533-30   | 1    | Hose Assembly, 3/4" x 30" (12F-12F)                                    |
| 33   | *A12935-309  | 1    | Hose Assembly, 3/4" x 309" (12F-12M)                                   |
| 34   | *A12935-309  | 1    | Hose Assembly, 3/4" x 309" (12F-12M)                                   |
| 35   | GA25636      | 1    | In-line Check Valve, JIC                                               |
| 36   | *A12935-250  | 1    | Hose Assembly, 3/4" x 250" (12F-12M)                                   |
| 37   | *A12935-262  | 1    | Hose Assembly, 3/4" x 262" (12F-12M)                                   |
| 38   | *A15080-38   | 1    | Hose Assembly, 3/8" x 38" (06F-06M)                                    |
| 39   | *A15081-310  | 1    | Hose Assembly, 3/8" x 310" (06F-06F)                                   |
| 40   | *A15079-256  | 1    | Hose Assembly, 3/8" x 256" (06M JIC - 06F90M)                          |
| 41   | *A18629-390  | 1    | Hose Assembly, 1/2 AR X 390 (10F - 10F)                                |
| 42   | *A18629-88   | 1    | Hose Assembly, 1/2 AR X 88 (10F - 10F)                                 |
| 43   | G10199901    | 1    | <a href="#">See "Manifold Hydraulic Block Assembly" on page P223</a>   |
| 44   | GA25289      | 1    | <a href="#">See "Down Force Manifold Block Assembly" on page P227</a>  |
| 45   | G10246901    | 1    | <a href="#">See "Master Cylinder Manifold Block" on page P232</a>      |
| 46   | GA18355      | 1    | <a href="#">See "Fertilizer Block Assembly" on page P224</a>           |
| 47   | *A1073       | 1    | Hose Assembly, 3/8" x 18"                                              |
| 48   | *A1073       | 1    | Hose Assembly, 3/8" x 18"                                              |
| 49   | GA25857      | 1    | In-Line Filter Assembly                                                |
| 50   | *A21550-115  | 1    | Hose assembly, 5/8" x 115" (10F - 1/2M NPTF W/Ext W/Tip SP)            |
| 51   | *A18692-115  | 1    | Hose Assembly, 1/2" x 115" (08F - 1/2" Male NPTF), W/Extension, W/Tip  |

| ITEM | PART NO.    | QTY. | DESCRIPTION                               |
|------|-------------|------|-------------------------------------------|
| 52   | *A25704-270 | 1    | Hose Assembly, 1/2" AR x 270" (08F-08M)   |
| 53   | *A18671-105 | 1    | Hose Assembly, 1/2" x 105" (08F-08F90S)   |
| 54   | *A21525-270 | 1    | Hose Assembly, 5/8" x 270" (10F-10M)      |
| 55   | *A18630-309 | 1    | Hose Assembly, 1/2" x 309" (08F-08F)      |
| 56   | *A11481-309 | 1    | Hose Assembly, 5/8" x 309" (10F-10F)      |
| 57   | *A15064     | 1    | Hose Assembly, 3/8" x 130" (06F-06F)      |
| 58   | *A25504-120 | 1    | Hose Assembly, 3/8" x 120" (06F-08F90S)   |
| 59   | *A25697-120 | 1    | Hose Assembly, 3/8" x 120" (06F90-08F)    |
| 60   | *A18671-20  | 1    | Hose Assembly, 1/2" x 20" (08F-08F90S)    |
| 61   | *A21542-105 | 1    | Hose Assembly, 5/8" x 105" (10F - 10F90M) |
| 62   | *A15056     | 1    | Hose Assembly, 3/8" x 40" (06F-06F)       |
| 63   | *A25691-23  | 1    | Hose Assembly, 3/8" AR x 23" (06F-06F)    |

\* Hydraulic hose is not stocked by Kinze Repair Parts.

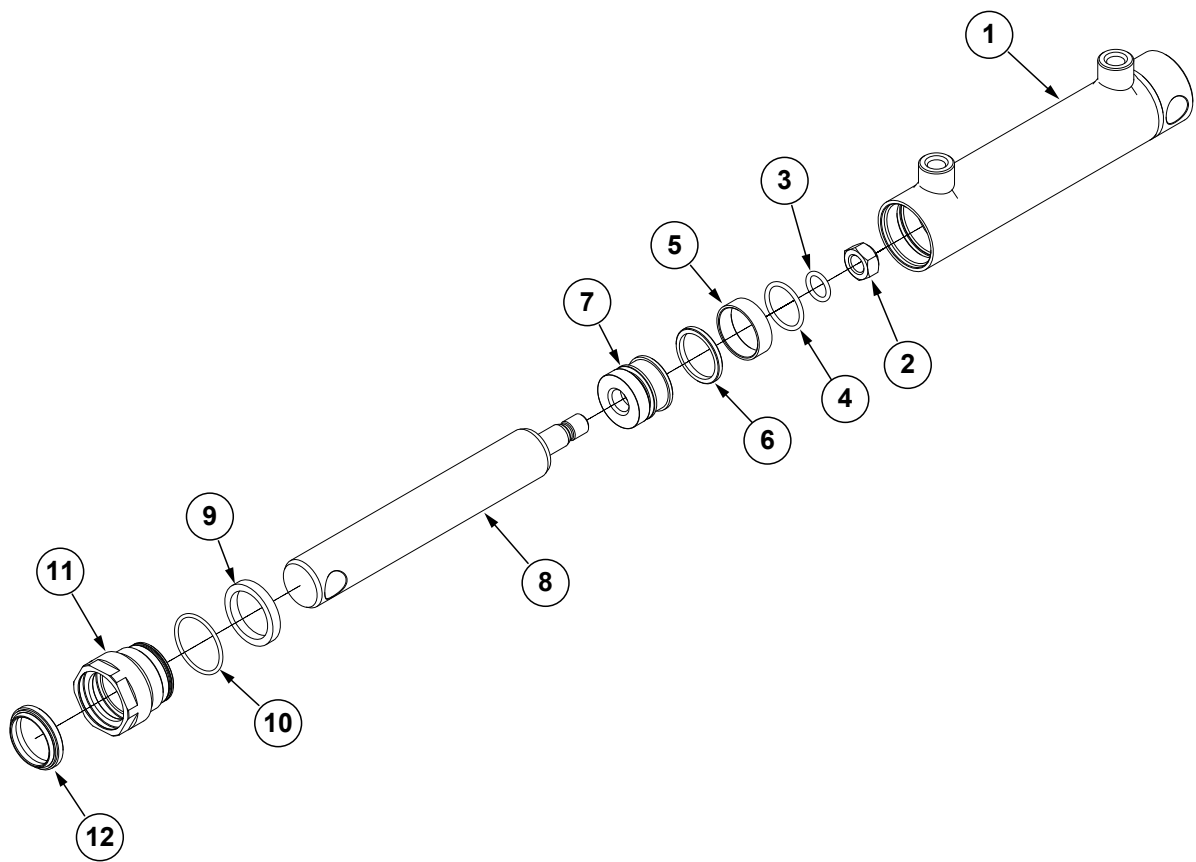
(IP1487)



| ITEM | PART NO.           | QTY.   | DESCRIPTION                                                                                   |
|------|--------------------|--------|-----------------------------------------------------------------------------------------------|
| 1    | GA18862            | 1      | Barrel <b>(Non-Stock Item)</b>                                                                |
| 2    | G6408-08<br>GR1037 | 2<br>- | Plug W/O-Ring, 3/4"-16 O-Ring<br>O-Ring                                                       |
| 3    | G10948             | 1      | Lock Nut, 1 1/8"-12                                                                           |
| 4    | *D12280            | 1      | T-Seal                                                                                        |
| 5    | GD26966            | 1      | Piston, 3 1/2"                                                                                |
| 6    | *D12088            | 1      | Piston Ring, 3 1/2"                                                                           |
| 7    | *D12245            | 1      | O-Ring, #122                                                                                  |
| 8    | GD2745-28          | 1      | Sleeve, 2 1/4" O.D. x 5.19"                                                                   |
| 9    | *D12231            | 1      | O-Ring, #338                                                                                  |
| 10   | *D12232            | 1      | BU Ring                                                                                       |
| 11   | *D12252            | 1      | U-Cup                                                                                         |
| 12   | GD12548            | 1      | Gland                                                                                         |
| 13   | *D12206            | 1      | Wiper, 1 1/2"                                                                                 |
| 14   | *D12103            | 1      | Cast Iron Ring                                                                                |
| 15   | GD27068            | 1      | Rod                                                                                           |
| 16   | G11433             | 1      | Hex Jam Nut, 1 1/8"-12 Grade 2                                                                |
| 17   | GD27067            | 1      | Locking Device                                                                                |
| 18   | GD27066            | 1      | Sleeve                                                                                        |
| 19   | G10640             | 1      | Grease Fitting, 1/4"-28                                                                       |
| 20   | GD11580            | 1      | Flow Restrictor Orifice, 1/2"-20                                                              |
| A    | GA18861            | -      | Cylinder Complete, 3 1/2" x 20 3/4" <i>(Part Number Stamped on Barrel)</i>                    |
| B    | GR1532             | 1      | Seal Kit, Includes: (1)Wiper, (2)O-Rings, (1)U-Cup, (1) BU Ring, (1)Cast Iron Ring, (1)T-Seal |

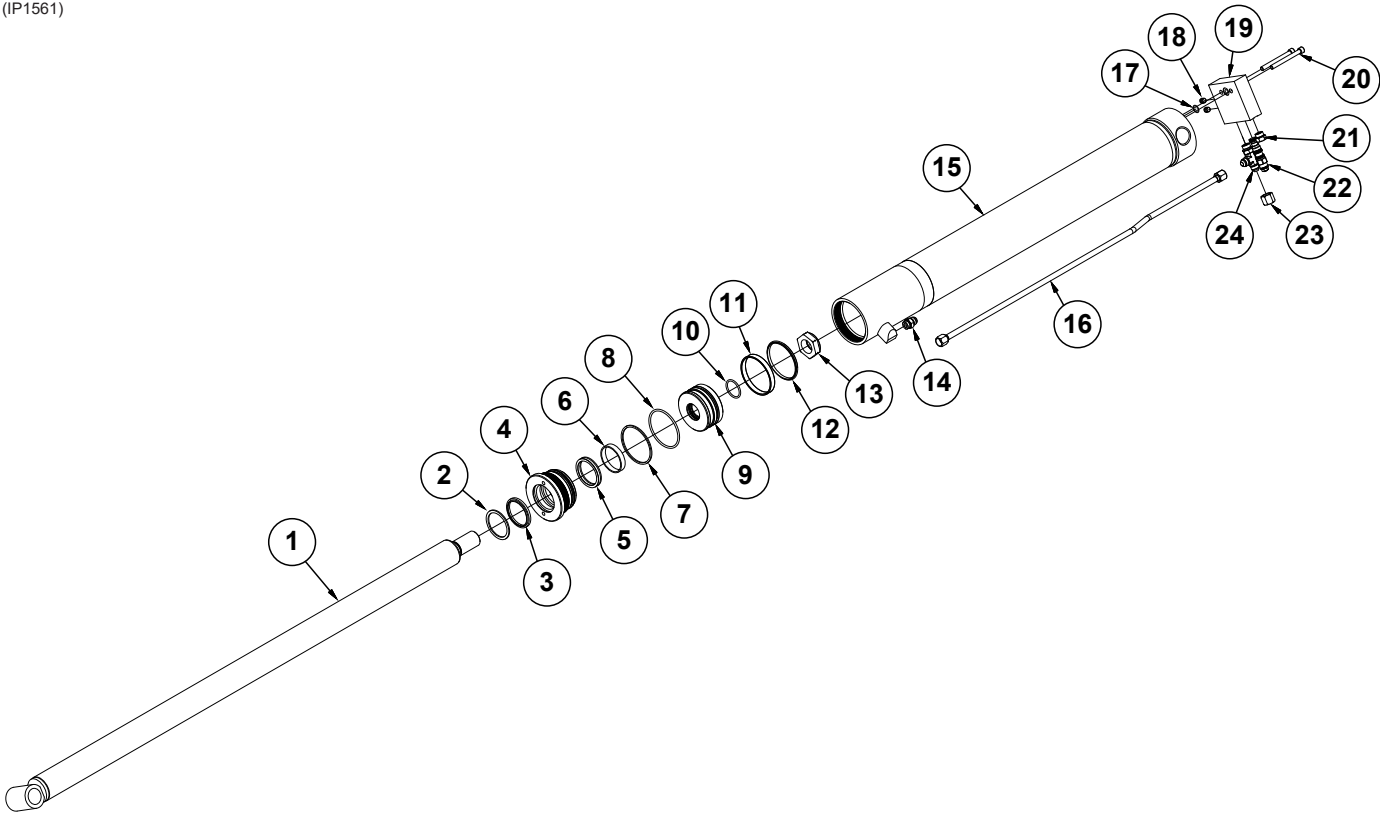
\*Item is part of seal kit, item can not be purchased individually.

(IP1531)



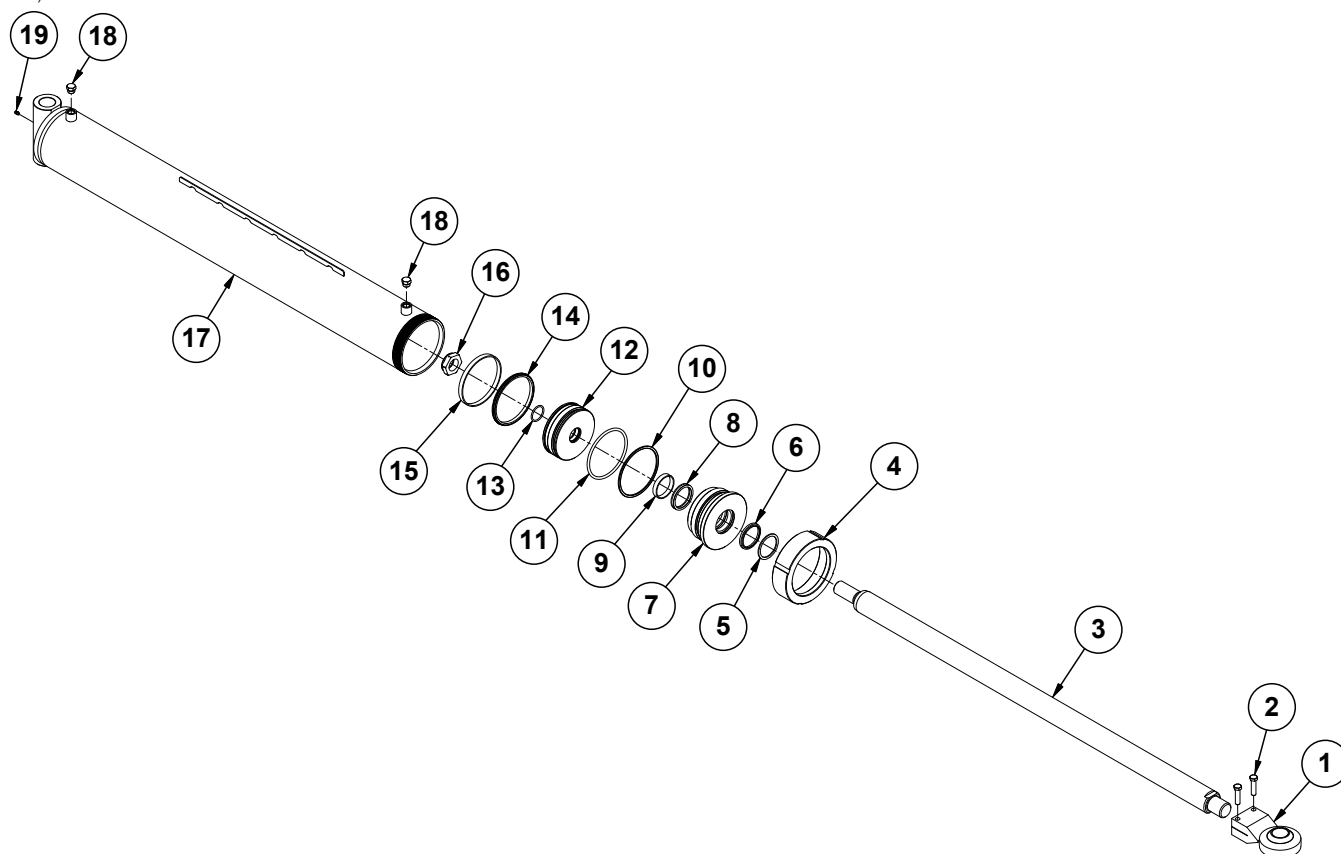
| ITEM                                                                    | PART NO. | QTY. | DESCRIPTION                                        |
|-------------------------------------------------------------------------|----------|------|----------------------------------------------------|
| 1                                                                       | GR2282   | 1    | Barrell (Non-Stock Item)                           |
| 2                                                                       | *R2309   | 1    | Piston Nut                                         |
| 3                                                                       | *R2303   | 1    | O-Ring                                             |
| 4                                                                       | *R2300   | 1    | Piston O-Ring                                      |
| 5                                                                       | *R2302   | 1    | Wear Band                                          |
| 6                                                                       | *R2301   | 1    | Piston Seal                                        |
| 7                                                                       | *R2308   | 1    | Piston                                             |
| 8                                                                       | *R2281   | 1    | Cylinder Rod                                       |
| 9                                                                       | *R2305   | 1    | Rod Seal                                           |
| 10                                                                      | *R2304   | 1    | O-Ring                                             |
| 11                                                                      | *R2283   | 1    | Head Gland                                         |
| 12                                                                      | *R2307   | 1    | Wiper                                              |
| A                                                                       | GA25261  | -    | Cylinder Complete, 1¼" x 4¼"                       |
| B                                                                       | GR2362   | -    | Piston Rod and Seals Assembly, Includes Items 2-8  |
| C                                                                       | GR2363   | -    | Head Gland and Seals Assembly, Includes Items 9-12 |
| * Item is part of sub-assembly, item can not be purchased individually. |          |      |                                                    |

(IP1561)



| ITEM                                                               | PART NO.           | QTY.   | DESCRIPTION                                                                                                               |
|--------------------------------------------------------------------|--------------------|--------|---------------------------------------------------------------------------------------------------------------------------|
| 1                                                                  | GA24862            | 1      | Rod                                                                                                                       |
| 2                                                                  | *D12121            | 1      | Ring                                                                                                                      |
| 3                                                                  | *D12263            | 1      | Wiper                                                                                                                     |
| 4                                                                  | GD30273            | 1      | Head Gland                                                                                                                |
| 5                                                                  | *D12264            | 1      | U-Cup                                                                                                                     |
| 6                                                                  | *D12137            | 1      | Wear Ring                                                                                                                 |
| 7                                                                  | *D12222            | 1      | Back-Up Ring, No. 342                                                                                                     |
| 8                                                                  | *D12221            | 1      | O-Ring, No. 342                                                                                                           |
| 9                                                                  | GD30274            | 1      | Piston                                                                                                                    |
| 10                                                                 | *D30432            | 1      | O-Ring, No. 223                                                                                                           |
| 11                                                                 | *D12120            | 1      | WEAR RING, 4" NYLON                                                                                                       |
| 12                                                                 | *D12281            | 1      | Seal                                                                                                                      |
| 13                                                                 | GD27238            | 1      | Nylon Lock Nut, 1½"-12, Grade 8                                                                                           |
| 14                                                                 | G6400-08<br>GR1037 | 1      | Connector W/O-Ring, ¾"-16 Male JIC To O-Ring<br>O-Ring                                                                    |
| 15                                                                 | GA24863            | 1      | Barrel ( <b>Non-Stock Item</b> )                                                                                          |
| 16                                                                 | GA24865            | 1      | Steel Hydraulic Line                                                                                                      |
| 17                                                                 | *D12239            | 1      | O-Ring, No. 016                                                                                                           |
| 18                                                                 | GD34751            | 2      | Plug                                                                                                                      |
| 19                                                                 | GD34750            | 1      | Manifold Block                                                                                                            |
| 20                                                                 | G11947             | 2      | Hex Socket Head Cap Screw, ⅜"-16 x 2"                                                                                     |
| 21                                                                 | G6408-08<br>GR1037 | 1<br>- | Plug W/O-Ring, ¾"-16 O-Ring<br>O-Ring                                                                                     |
| 22                                                                 | GA8882             | 1      | Counter Balance Valve                                                                                                     |
| 23                                                                 | G304-C-8           | 1      | Cap Nut, ¾"-16                                                                                                            |
| 24                                                                 | G6804-08           | 1      | Adjustable Tee, ¾"-16 Male JIC To O-Ring                                                                                  |
| A                                                                  | GA24861            | -      | Cylinder Complete ( <i>Part Number Stamped on Barrel</i> )                                                                |
| B                                                                  | GR2231             | -      | Seal Kit, Includes: (2) Wear Rings, (3) O-Rings, (1) Wiper Rod, (1) U-Cup, (1) Seal, (1) Back-Up Ring, (1) Lathe Cut Ring |
| C                                                                  | GR1517             | -      | Seal Kit For Counter Balance Valve, Includes: (3) O-Rings, (3) BU Rings                                                   |
| *Item is part of seal kit, item can not be purchased individually. |                    |        |                                                                                                                           |

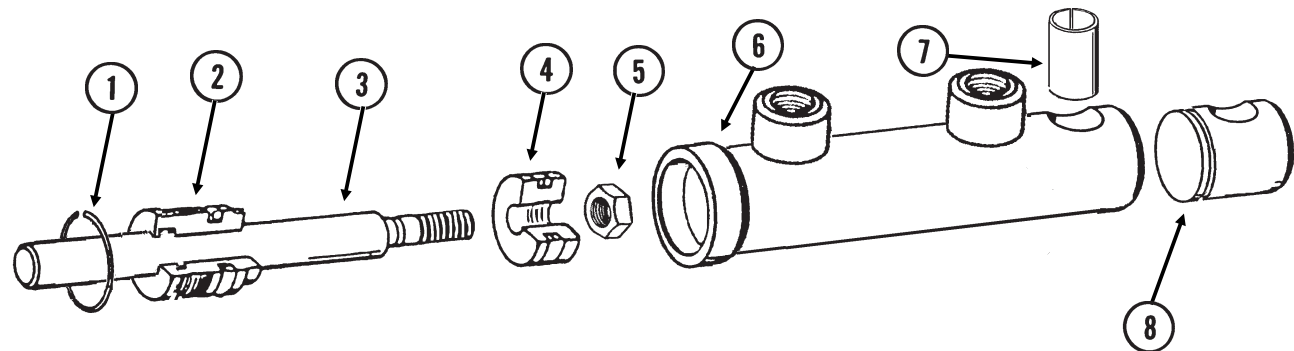
(IP1562)



| ITEM | PART NO.           | QTY. | DESCRIPTION                                                                                                       |
|------|--------------------|------|-------------------------------------------------------------------------------------------------------------------|
| 1    | GA24834            | 1    | Adjustable Ball Joint                                                                                             |
| 2    | G10016             | 2    | Hex Head Cap Screw, 1/2"-13 x 2"                                                                                  |
| 3    | GD34717            | 1    | Rod                                                                                                               |
| 4    | GD23382            | 1    | Threaded Cap                                                                                                      |
| 5    | GD12121            | 1    | Ring                                                                                                              |
| 6    | *D12263            | 1    | Wiper                                                                                                             |
| 7    | GD23450            | 1    | Head Gland                                                                                                        |
| 8    | *D12264            | 1    | U-Cup                                                                                                             |
| 9    | *D12137            | 1    | Wear Ring                                                                                                         |
| 10   | *D23390            | 1    | BU Ring                                                                                                           |
| 11   | *D23389            | 1    | O-Ring, No. 433                                                                                                   |
| 12   | GD34630            | 1    | Piston                                                                                                            |
| 13   | *D30432            | 1    | O-Ring, No. 223                                                                                                   |
| 14   | *A24781            | 1    | Piston Seal                                                                                                       |
| 15   | *D23387            | 1    | Wear Ring                                                                                                         |
| 16   | GD27238            | 1    | Nylon Lock Nut, 1 1/2"-12, Grade 8                                                                                |
| 17   | GA24799            | 1    | Barrel <b>(Non-Stock Item)</b>                                                                                    |
| 18   | G6408-08<br>GR1037 | 2    | Plug W/O-Ring, 3/4"-16 O-Ring                                                                                     |
| 19   | G10640             | 1    | Grease Fitting, 1/4"-28                                                                                           |
| A    | GA24769            | -    | Cylinder Complete, 6" x 65" <i>(Part Number Stamped on Barrel)</i>                                                |
| B    | GR2338             | -    | Seal Kit, Includes: (2) Wear Rings, (1) Wiper Rod, (1) U-Cup Seal, (2) O-Rings, (1) Back-Up Ring, (1) Piston Seal |

\*Item is part of seal kit, item can not be purchased individually.

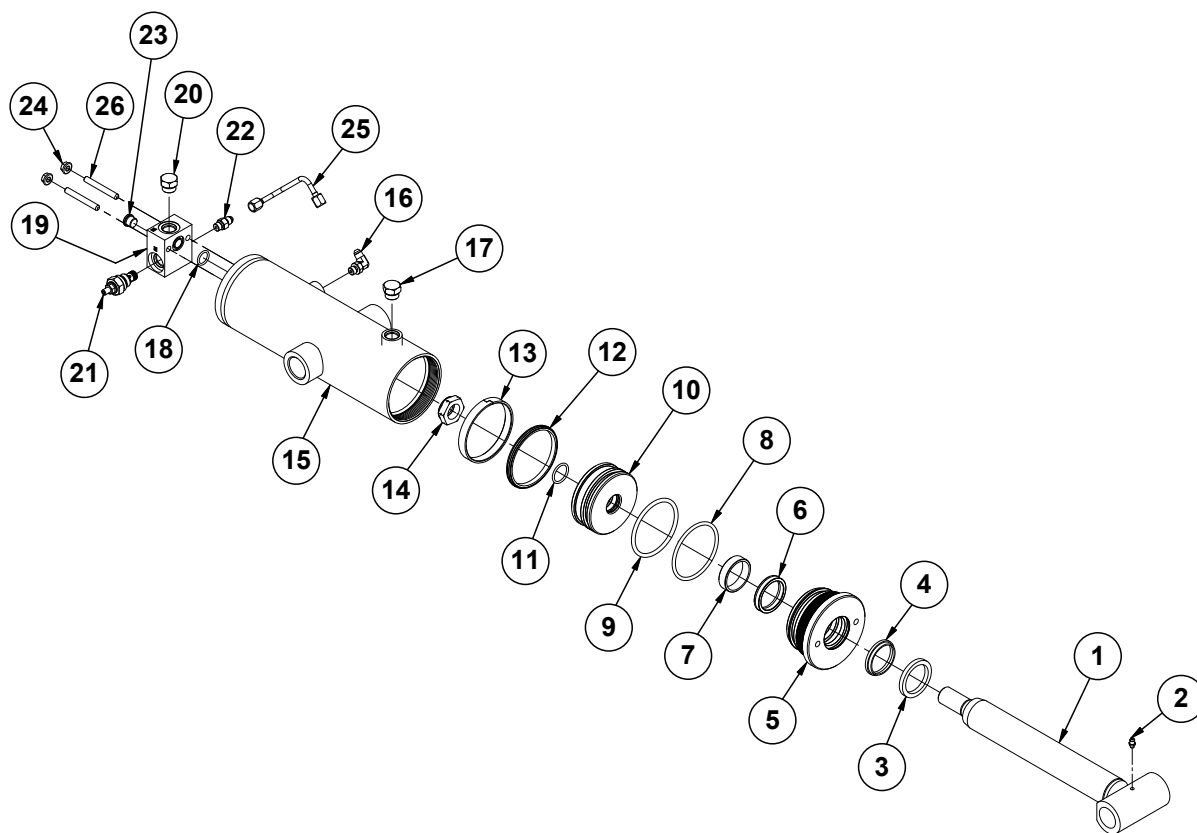
CYL035(CYL9d)



| ITEM | PART NO. | QTY. | DESCRIPTION                                                                                                                   |
|------|----------|------|-------------------------------------------------------------------------------------------------------------------------------|
| 1    | G10770   | 1    | Internal Retaining Ring, 1 <sup>11</sup> / <sub>16</sub> "                                                                    |
| 2    | GD13170  | 1    | Gland                                                                                                                         |
| 3    | GD13171  | 1    | Rod                                                                                                                           |
| 4    | GD13172  | 1    | Piston                                                                                                                        |
| 5    | GD27232  | 1    | Nylon Lock Nut, 1/2"-20, Grade 8                                                                                              |
| 6    | D13169   | 1    | Barrel ( <b>Non-Stock Item</b> )                                                                                              |
| 7    | GD13400  | 1    | Tension Bushing, 1" x 2" Long                                                                                                 |
| 8    | GD13173  | 1    | End Cap                                                                                                                       |
| A    | GA9205   | -    | Cylinder Complete, 1 <sup>1</sup> / <sub>2</sub> " x 2 <sup>1</sup> / <sub>2</sub> " ( <i>Part Number Stamped On Barrel</i> ) |
| B    | GR1598   | -    | Seal Kit, Includes: (3) O-Rings, (2) BU Rings, (1) Wiper, (1) T-Seal, (1) Bronze Bushing, (1) Seal, (1) U-Cup                 |



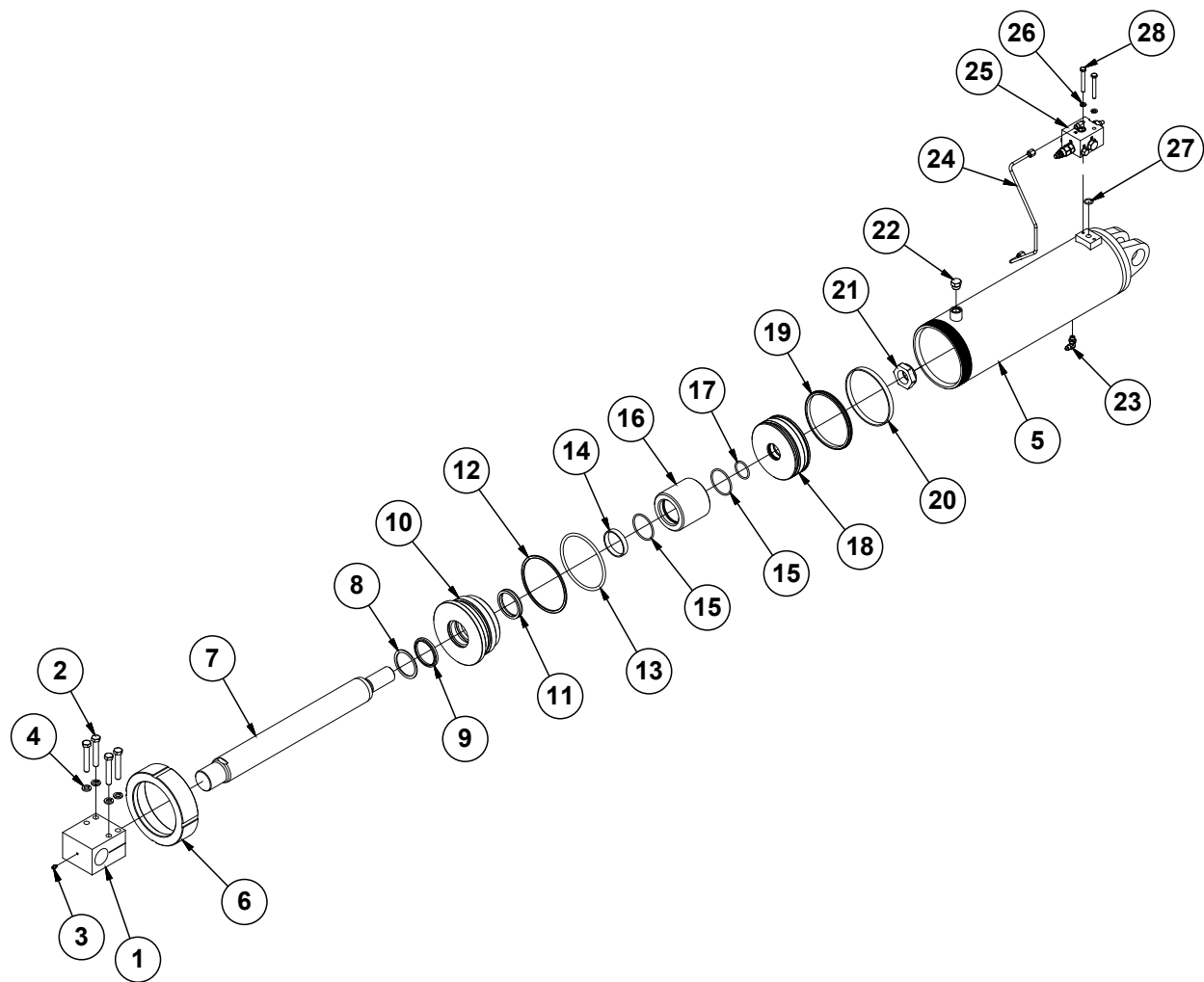
(IP1560)



| ITEM | PART NO.              | QTY.   | DESCRIPTION                                                                                                 |
|------|-----------------------|--------|-------------------------------------------------------------------------------------------------------------|
| 1    | GA25222               | 1      | Rod                                                                                                         |
| 2    | G10640                | 1      | Grease Fitting, 1/4"-28                                                                                     |
| 3    | GD12104               | 1      | Ring, 1 3/4"                                                                                                |
| 4    | *D12200               | 1      | Wiper, 1 3/4"                                                                                               |
| 5    | GD34653               | 1      | Head Gland                                                                                                  |
| 6    | *D12253               | 1      | U-Cup                                                                                                       |
| 7    | *D12134               | 1      | Wear Ring                                                                                                   |
| 8    | *D12271               | 1      | BU Ring                                                                                                     |
| 9    | *D12270               | 1      | O-Ring, No. 340                                                                                             |
| 10   | GD34646               | 1      | Piston                                                                                                      |
| 11   | *D29649               | 1      | O-Ring, No. 215                                                                                             |
| 12   | *A24796               | 1      | Piston Seal                                                                                                 |
| 13   | *D34654               | 1      | Wear Ring                                                                                                   |
| 14   | GD27235               | 1      | Nylon Lock Nut, 1"-14, Grade 8                                                                              |
| 15   | GA25223               | 1      | Barrel ( <b>Non-Stock Item</b> )                                                                            |
| 16   | G6801-04-04           | 1      | 90° Adjustable Elbow, 7/16"-20                                                                              |
| 17   | G6408-08<br>GR1037    | 1      | Plug W/O-Ring, 3/4"-16 O-Ring<br>O-Ring                                                                     |
| 18   | *D12274               | 1      | O-Ring                                                                                                      |
| 19   | GD35210               | 1      | Manifold Block                                                                                              |
| 20   | G6408-08<br>GR1037    | 1<br>- | Plug W/O-Ring, 3/4"-16 O-Ring<br>O-Ring                                                                     |
| 21   | GD33361               | 1      | Direct Acting Inverse Relief                                                                                |
| 22   | G6400-04<br>GR1465    | 1<br>- | Connector W/O-Ring, 7/16"-20 Male JIC To O-Ring<br>O-Ring                                                   |
| 23   | G6408-H06-O<br>GR1045 | 1<br>- | Hex Socket Head Plug W/O-Ring, 9/16"-18 O-Ring<br>O-Ring                                                    |
| 24   | G10232                | 2      | Lock Washer, 5/16"                                                                                          |
| 25   | GA25225               | 1      | Steel Hydraulic Line                                                                                        |
| 26   | G11954                | 2      | Hex Head Cap Screw, 5/16"-18 x 1 3/4", Grade 8                                                              |
| A    | GA25221               | -      | Cylinder Complete, 3 3/4" x 8.675" ( <i>Part Number Stamped On Barrel</i> )                                 |
| B    | GR2337                |        | Seal Kit, Includes: (3) O-Rings, (1) Back-Up Ring, (1) Wiper Rod, (1) U-Cup, (2) Wear Ring, (1) Piston Seal |

\*Item is part of seal kit, item can not be purchased individually.

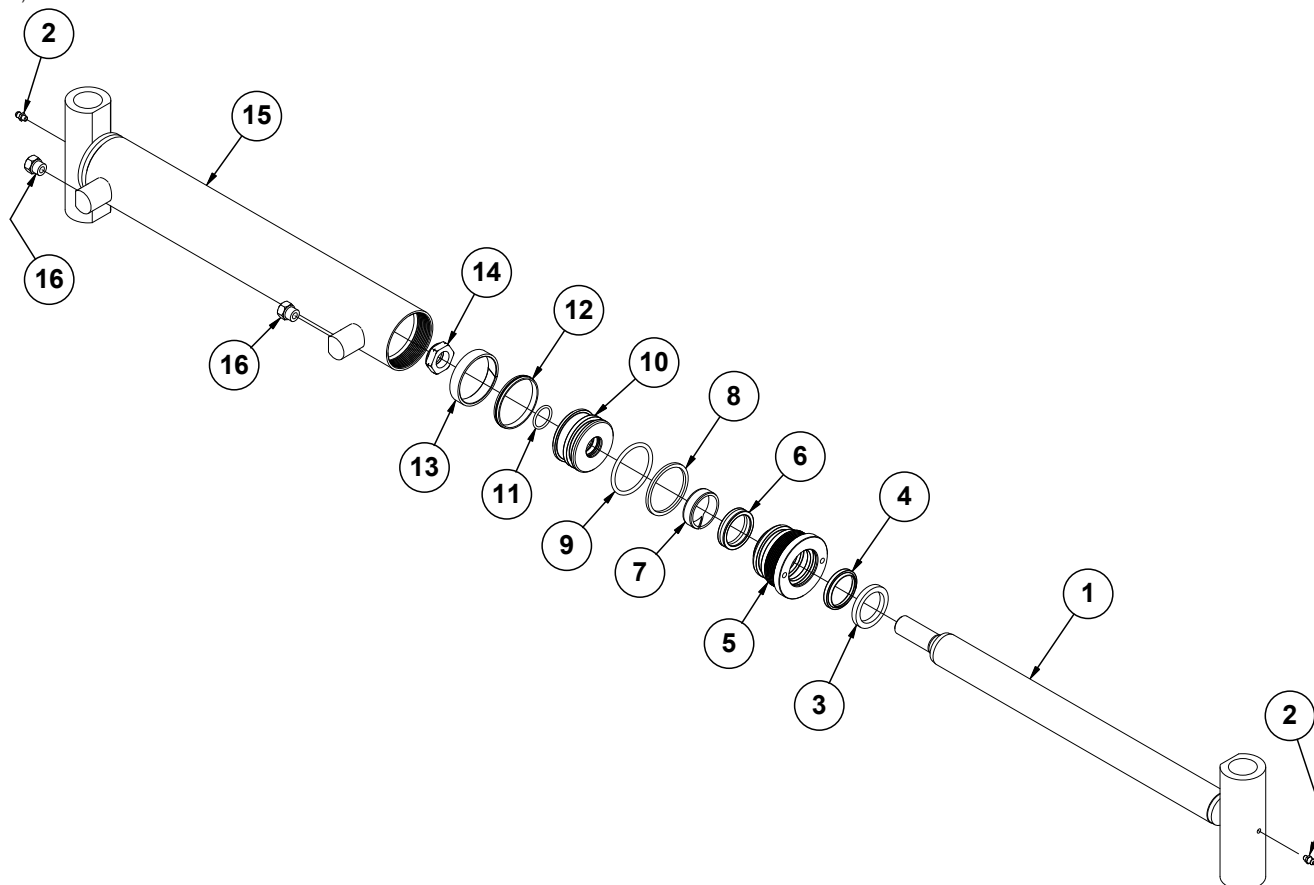
(IP1575)



| ITEM | PART NO.           | QTY. | DESCRIPTION                                                                                                 |
|------|--------------------|------|-------------------------------------------------------------------------------------------------------------|
| 1    | GD36578            | 1    | Rod End                                                                                                     |
| 2    | G10038             | 4    | Hex Head Cap Screw, 1/2"-13 x 3"                                                                            |
| 3    | G10640             | 1    | Grease Fitting, 1/4"-28                                                                                     |
| 4    | G10228             | 4    | Lock Washer, 1/2"                                                                                           |
| 5    | GA24777            | 1    | Barrel <b>(Non-Stock Item)</b>                                                                              |
| 6    | GD23382            | 1    | Threaded Cap                                                                                                |
| 7    | GD36577            | 1    | Rod                                                                                                         |
| 8    | GD12121            | 1    | Ring                                                                                                        |
| 9    | *D12263            | 1    | Wiper                                                                                                       |
| 10   | GD23450            | 1    | Head Gland                                                                                                  |
| 11   | *D12264            | 1    | U-Cup                                                                                                       |
| 12   | *D23390            | 1    | BU Ring                                                                                                     |
| 13   | *D23389            | 1    | O-Ring, No. 433                                                                                             |
| 14   | *D12137            | 1    | Wear Ring                                                                                                   |
| 15   | *D34639            | 2    | O-Ring (Chemical Resistant)                                                                                 |
| 16   | GD34638            | 1    | Spacer, 3/4"                                                                                                |
| 17   | *D30432            | 1    | O-Ring, No. 223                                                                                             |
| 18   | GD34630            | 1    | Piston                                                                                                      |
| 19   | *A24781            | 1    | Piston Seal                                                                                                 |
| 20   | *D23387            | 1    | Wear Ring                                                                                                   |
| 21   | GD27238            | 1    | Nylon Lock Nut, 1 1/2"-12, Grade 8                                                                          |
| 22   | G6408-08<br>GR1037 | 1    | Plug W/O-Ring, 3/4"-16 O-Ring<br>O-Ring                                                                     |
| 23   | G6801-04-04        | 1    | 90° Adjustable Elbow, 7/16"-20                                                                              |
| 24   | GA24780            | 1    | Steel Hydraulic Line, 1/4"                                                                                  |
| 25   | ---                | 1    | <a href="#">See "Master Cylinder Manifold Block" on page P214</a>                                           |
| 26   | G10232             | 2    | Lock Washer, 5/16"                                                                                          |
| 27   | *D12274            | 1    | O-Ring                                                                                                      |
| 28   | G11952             | 2    | Hex Head Set Screw, 5/16"-18 x 2 1/2", Grade 5                                                              |
| A    | GA27043            | -    | Cylinder Complete, 6" x 12" <i>(Part Number Stamped On Barrel)</i>                                          |
| B    | GR2340             | -    | Seal Kit, Includes: (1) Wiper Rod, (1) U-Cup, (2) Wear Ring, (4) O-Rings, (1) Back-Up Ring, (1) Piston Seal |

\*Item is part of seal kit, item can not be purchased individually.

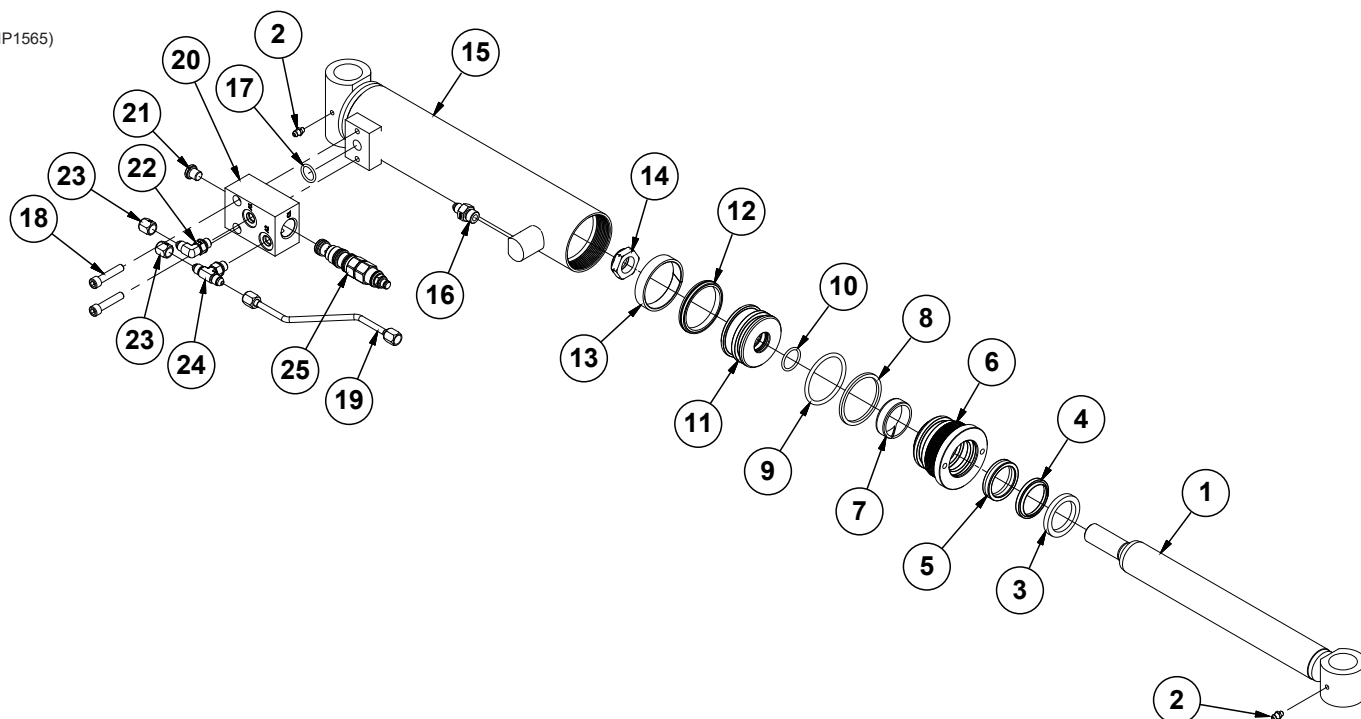
(IP1563)



| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                                                  |
|------|-----------|------|--------------------------------------------------------------------------------------------------------------|
| 1    | G10342201 | 1    | Rod                                                                                                          |
| 2    | G10640    | 2    | Grease Fitting, 1/4"-28                                                                                      |
| 3    | GD12103   | 1    | Ring                                                                                                         |
| 4    | *D12206   | 1    | Wiper, 1 1/2"                                                                                                |
| 5    | GD32048   | 1    | Head Gland                                                                                                   |
| 6    | *D12252   | 1    | U-Cup                                                                                                        |
| 7    | *D23424   | 1    | Wear Ring                                                                                                    |
| 8    | *D12213   | 1    | Back-Up Ring, No. 330                                                                                        |
| 9    | *D12212   | 1    | O-Ring, No. 330                                                                                              |
| 10   | GD31611   | 1    | Piston                                                                                                       |
| 11   | *D30399   | 1    | O-Ring, No. 119                                                                                              |
| 12   | *A24473   | 1    | Seal                                                                                                         |
| 13   | *D12055   | 1    | Nylon Wear Ring                                                                                              |
| 14   | GD27234   | 1    | Nylon Lock Nut, 7/8"-14, Grade 8                                                                             |
| 15   | 10342301  | 1    | Barrel <b>(Non-Stock Item)</b>                                                                               |
| 16   | G6408-06  | 2    | Plug W/O-Ring, 9/16"-18 O-Ring                                                                               |
|      | GR1045    | -    | O-Ring                                                                                                       |
| A    | G10342101 | -    | Cylinder Complete, 2 1/2" x 14" (Part Number Stamped On Barrel)                                              |
| B    | GR2250    | -    | Seal Kit, Includes: (2) Wear Rings, (2) O-Rings, (1) U-Cup, (1) Wiper Rod, (1) Back-Up Ring, (1) Piston Seal |

\*Item is part of seal kit, item can not be purchased individually.

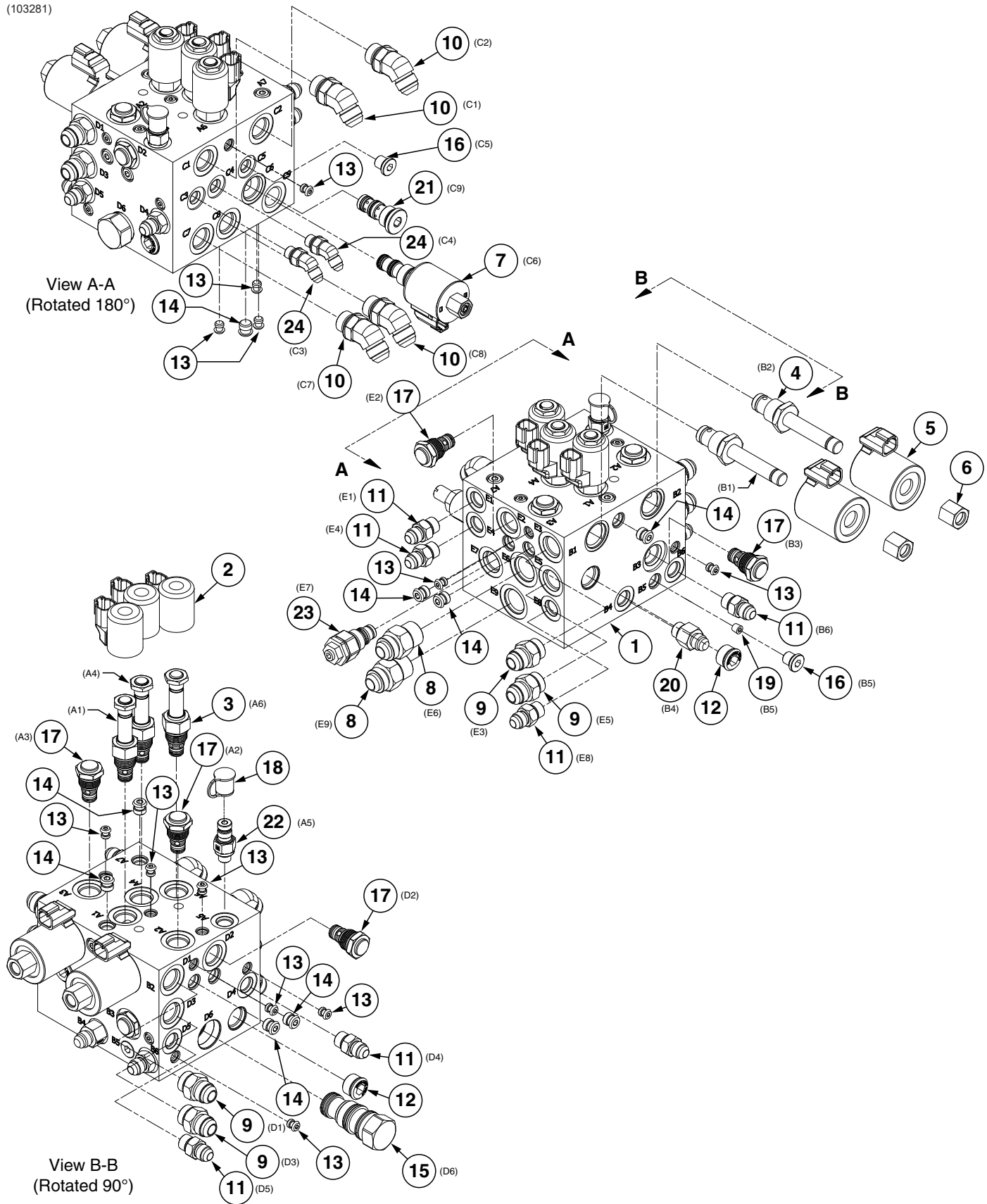
(IP1565)



| ITEM | PART NO.       | QTY. | DESCRIPTION                                                                                                |
|------|----------------|------|------------------------------------------------------------------------------------------------------------|
| 1    | GA25004        | 1    | Rod                                                                                                        |
| 2    | G10640         | 2    | Grease Fitting, 1/4"-28                                                                                    |
| 3    | GD12103        | 1    | Ring                                                                                                       |
| 4    | *D12206        | 1    | Wiper, 1 1/2"                                                                                              |
| 5    | *D12252        | 1    | U-Cup                                                                                                      |
| 6    | GD32048        | 1    | Head Gland                                                                                                 |
| 7    | *D23424        | 1    | Wear Ring                                                                                                  |
| 8    | *D12213        | 1    | Back-Up Ring, No. 330                                                                                      |
| 9    | *D12212        | 1    | O-Ring, No. 330                                                                                            |
| 10   | *D30399        | 1    | O-Ring, No. 119                                                                                            |
| 11   | GD31611        | 1    | Piston                                                                                                     |
| 12   | *A24473        | 1    | Seal                                                                                                       |
| 13   | *D12055        | 1    | Nylon Wear Ring                                                                                            |
| 14   | GD27234        | 1    | Nylon Lock Nut, 7/8"-14, Grade 8                                                                           |
| 15   | GA25003        | 1    | Barrell (Non-Stock Item)                                                                                   |
| 16   | G6400-04-06    | 1    | Connector W/O-Ring, 7/16"-20 Male JIC to 9/16"-18 O-Ring                                                   |
| 17   | *D12274        | 1    | O-Ring                                                                                                     |
| 18   | G11021         | 2    | Hex Socket Head Cap Screw, 5/16"-18 x 1 1/2"                                                               |
| 19   | GA25001        | 1    | Steel Hydraulic Line                                                                                       |
| 20   | GD34951        | 1    | Manifold Block                                                                                             |
| 21   | G6408-H04-0    | 1    | Hex Socket Head Plug, 7/16"-20                                                                             |
| 22   | G6801-04-04    | 1    | 90° Adjustable Elbow, 7/16"-20                                                                             |
| 23   | G304-C-04      | 2    | Cap Nut, 7/16"-20                                                                                          |
| 24   | G6803-04-04-04 | 1    | Adjustable Tee, 7/16"-20                                                                                   |
| 25   | GA20697        | 1    | Counterbalance Valve                                                                                       |
| A    | GA24999        | -    | Cylinder Complete, 2 1/2" x 9.4" (Part Number Stamped On Barrel)                                           |
| B    | GR2341         | -    | Seal Kit, Includes: (2) Wear Ring, (1) Wiper Rod, (3) O-Ring, (1) Back-Up Ring, (1) U-Cup, (1) Piston Seal |

\*Item is part of seal kit, item can not be purchased individually.

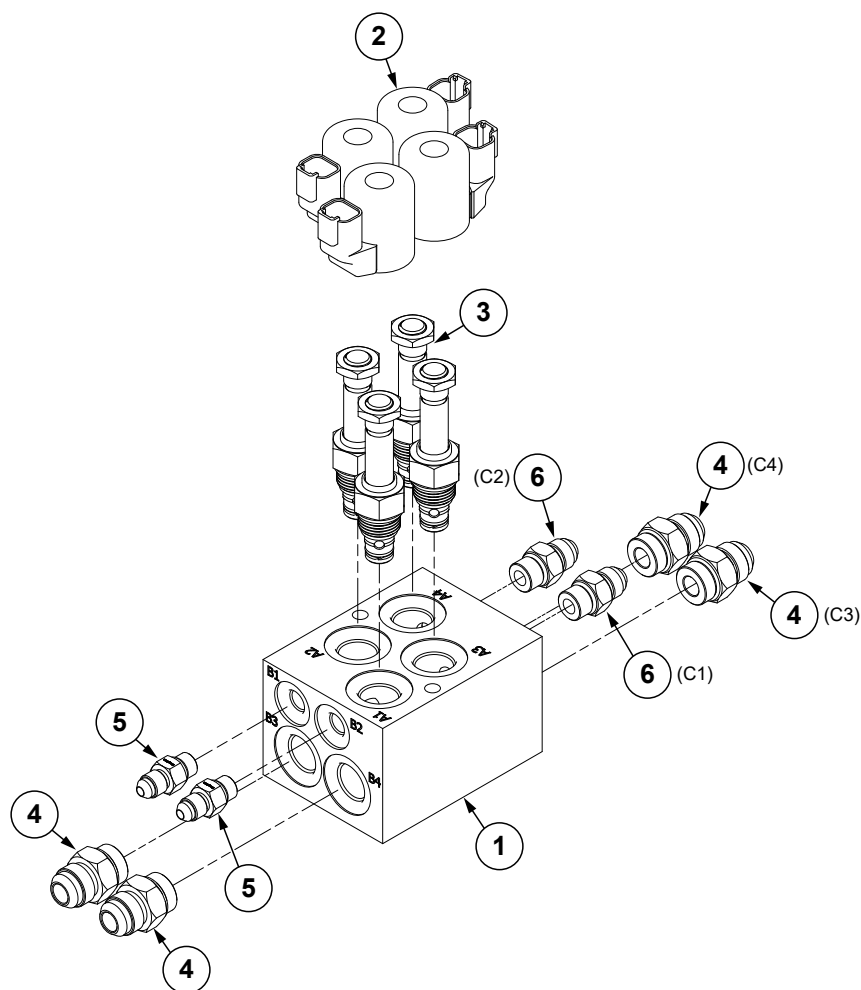
(103281)



| ITEM | PART NO.           | QTY. | DESCRIPTION                                               |
|------|--------------------|------|-----------------------------------------------------------|
| 1    | GD34708            | 1    | Lift/Down Force Block                                     |
| 2    | GA21066            | 3    | Coil P Series                                             |
| 3    | GA21064            | 3    | NC Double Poppet, No. 8                                   |
| 4    | GA16308            | 2    | Poppet Valve                                              |
| 5    | GA14799            | 2    | Coil                                                      |
| 6    | GR1322             | 2    | Special Hex Nut, 1/2"-20                                  |
| 7    | G10269501          | 1    | Valve with Coil                                           |
| 8    | G6400-10<br>GR1466 | 2    | Connector W/O-Ring, 7/8"-14 Male JIC To O-Ring<br>O-Ring  |
| 9    | G6400-08<br>GR1037 | 4    | Connector W/O-Ring, 3/4"-16 Male JIC To O-Ring<br>O-Ring  |
| 10   | G6802-08           | 4    | Elbow W/O-Ring, 45°, 3/4"-16 x 3/4"-16                    |
| 11   | G6400-06<br>GR1045 | 6    | Connector W/O-Ring, 9/16"-18 Male JIC To O-Ring<br>O-Ring |
| 12   | GD30294            | 2    | Plug, No. 10                                              |
| 13   | GD29318            | 12   | Plug                                                      |
| 14   | GD29321            | 8    | Plug                                                      |
| 15   | GA25256            | 1    | Valve                                                     |
| 16   | G6408-H04-0        | 2    | Hex Socket Head Plug, 7/16"-20                            |
| 17   | GA21067            | 5    | Check Valve, No. 8                                        |
| 18   | GD35251            | 1    | Check Valve Cap                                           |
| 19   | GD34727            | 1    | Orifice Flow Restrictor                                   |
| 20   | GA24849            | 1    | Directional Valve                                         |
| 21   | GA24848            | 1    | Directional Poppet Valve                                  |
| 22   | GA25254            | 1    | Check Valve                                               |
| 23   | GA25255            | 1    | Needle Valve                                              |
| 24   | G6802-04           | 2    | 45° Adjustable Elbow, 7/16"-20 x 7/16"-20 O-Ring          |

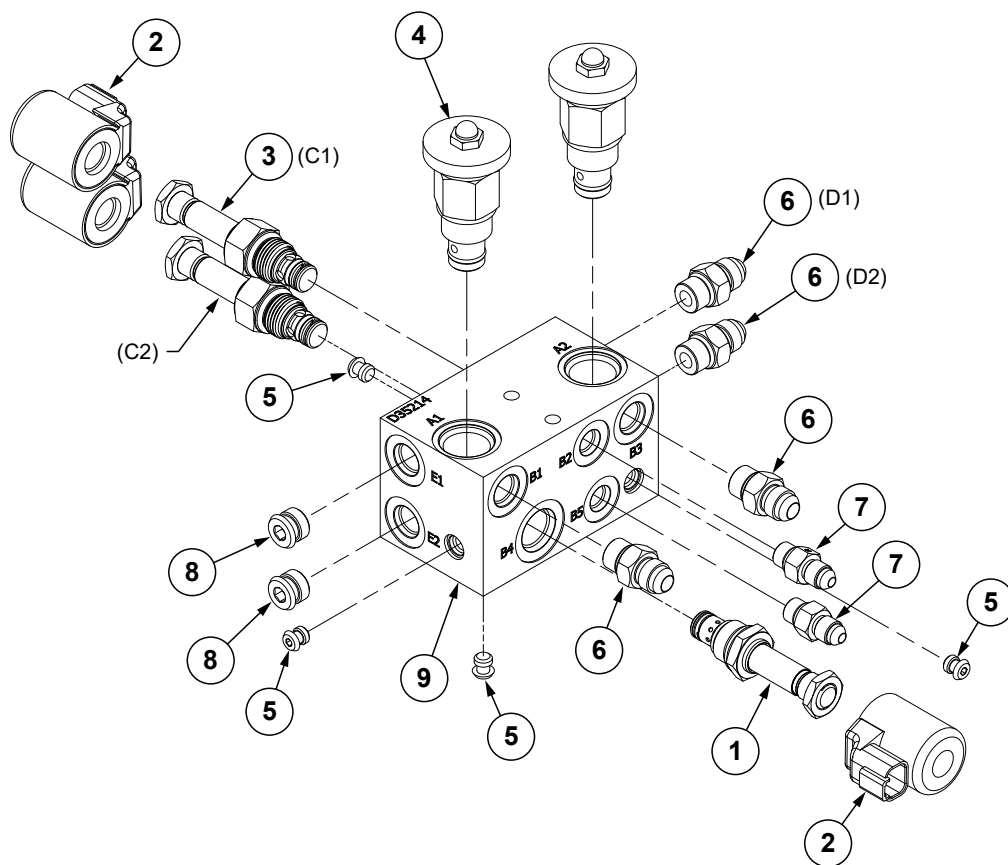


(A24775)



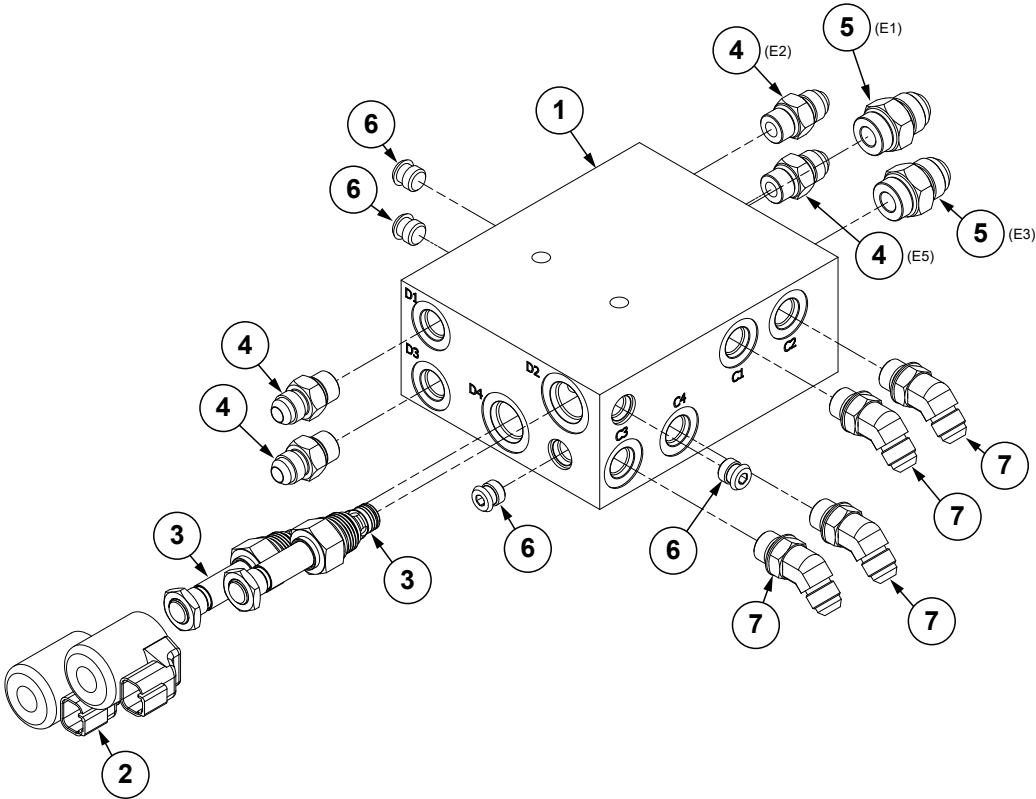
| ITEM | PART NO.           | QTY.   | DESCRIPTION                                               |
|------|--------------------|--------|-----------------------------------------------------------|
| 1    | GD34624            | 1      | Valve Block                                               |
| 2    | GA21066            | 4      | Coil P Series                                             |
| 3    | GA21064            | 4      | NC Double Poppet, No. 8                                   |
| 4    | G6400-08<br>GR1037 | 4<br>- | Connector W/O-Ring, 3/4"-16 Male JIC To O-Ring<br>O-Ring  |
| 5    | G6400-04<br>GR1465 | 2<br>- | Connector W/O-Ring, 7/16"-20 Male JIC To O-Ring<br>O-Ring |
| 6    | G6400-06<br>GR1045 | 2<br>- | Connector W/O-Ring, 9/16"-18 Male JIC To O-Ring<br>O-Ring |

(A25233)



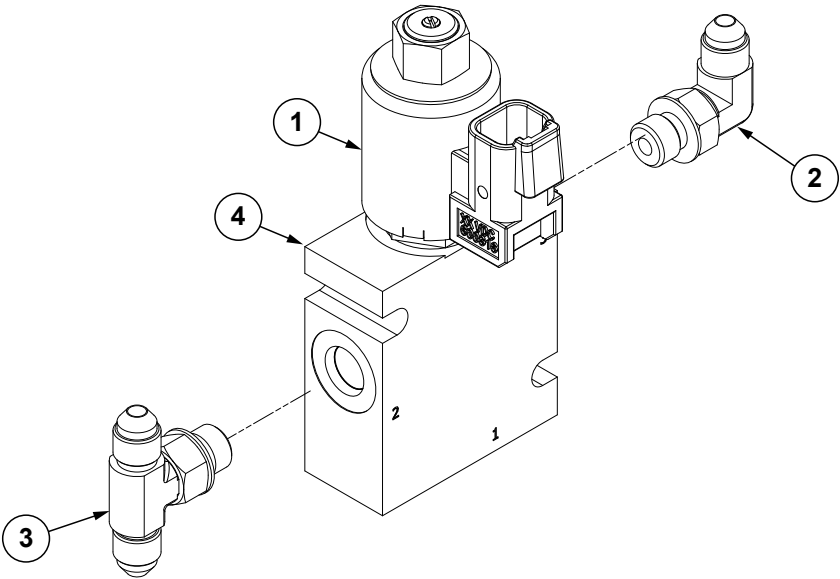
| ITEM | PART NO.           | QTY.   | DESCRIPTION                                               |
|------|--------------------|--------|-----------------------------------------------------------|
| 1    | GA24852            | 1      | Solenoid Valve                                            |
| 2    | GA21066            | 3      | Coil P Series                                             |
| 3    | GA21064            | 2      | NC Double Poppet, No. 8                                   |
| 4    | GA3413             | 2      | Flow Control Valve                                        |
| 5    | GD29318            | 4      | Plug                                                      |
| 6    | G6400-06<br>GR1045 | 4<br>- | Connector W/O-Ring, 9/16"-18 Male JIC To O-Ring<br>O-Ring |
| 7    | G6400-04<br>GR1465 | 2<br>- | Connector W/O-Ring, 7/16"-20 Male JIC To O-Ring<br>O-Ring |
| 8    | GD29319            | 2      | Plug                                                      |
| 9    | GD35214            | 1      | Outer Wing Manifold Block                                 |
| A    | GA25233            | -      | Hydraulic Valve Block Assembly (Items 1-9), L.H.          |
| B    | GA25234            | -      | Hydraulic Valve Block Assembly (Items 1-9), R.H.          |

(A24771)



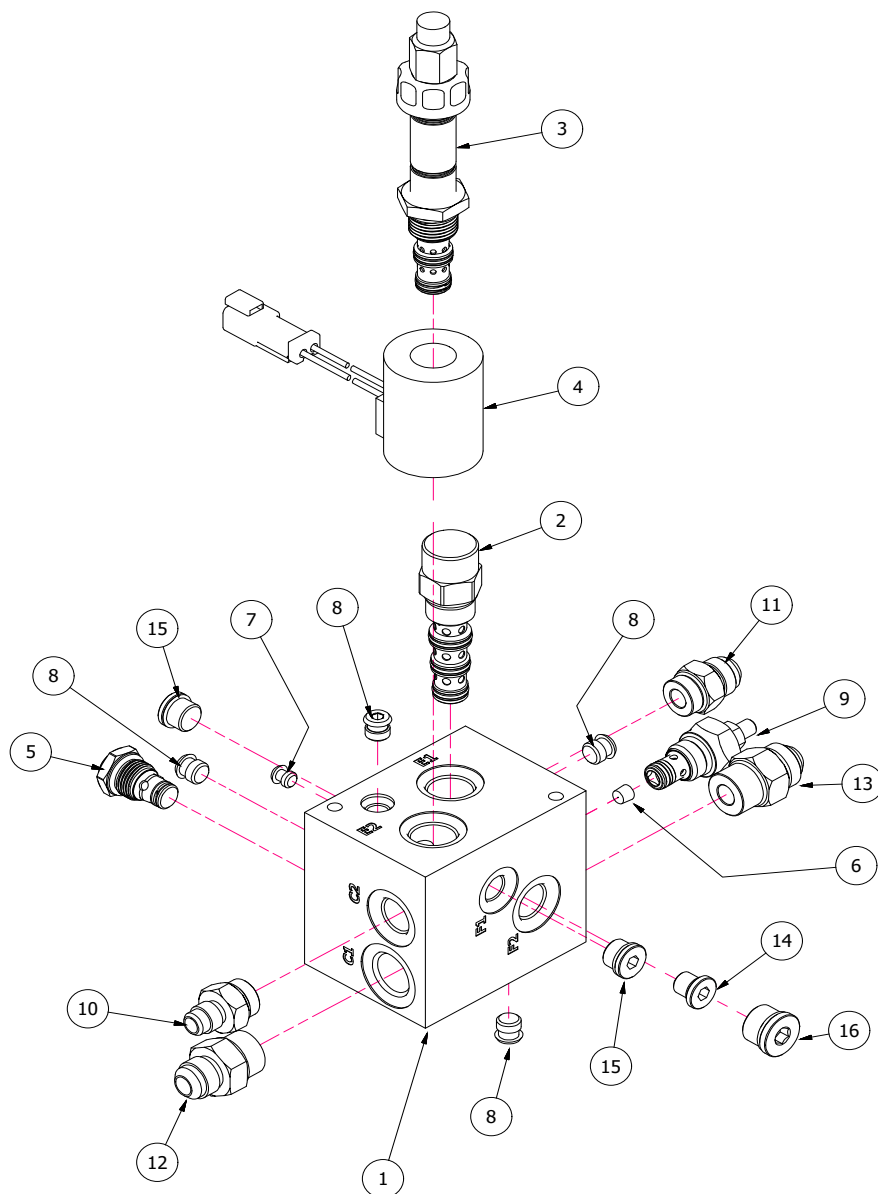
| ITEM | PART NO.           | QTY.   | DESCRIPTION                                               |
|------|--------------------|--------|-----------------------------------------------------------|
| 1    | GD34707            | 1      | Fold/Marker Block                                         |
| 2    | GA21066            | 2      | Coil P Series                                             |
| 3    | GA21064            | 2      | NC Double Poppet, No. 8                                   |
| 4    | G6400-06<br>GR1045 | 4<br>- | Connector W/O-Ring, 1/16"-18 Male JIC To O-Ring<br>O-Ring |
| 5    | G6400-08<br>GR1037 | 2<br>- | Connector W/O-Ring, 3/4"-16 Male JIC To O-Ring<br>O-Ring  |
| 6    | GD29321            | 4      | Plug                                                      |
| 7    | G6802-06-06        | 4      | 45° Elbow, 1/16"-18 x 1/16"-18 W/O-Ring                   |

(A25264)

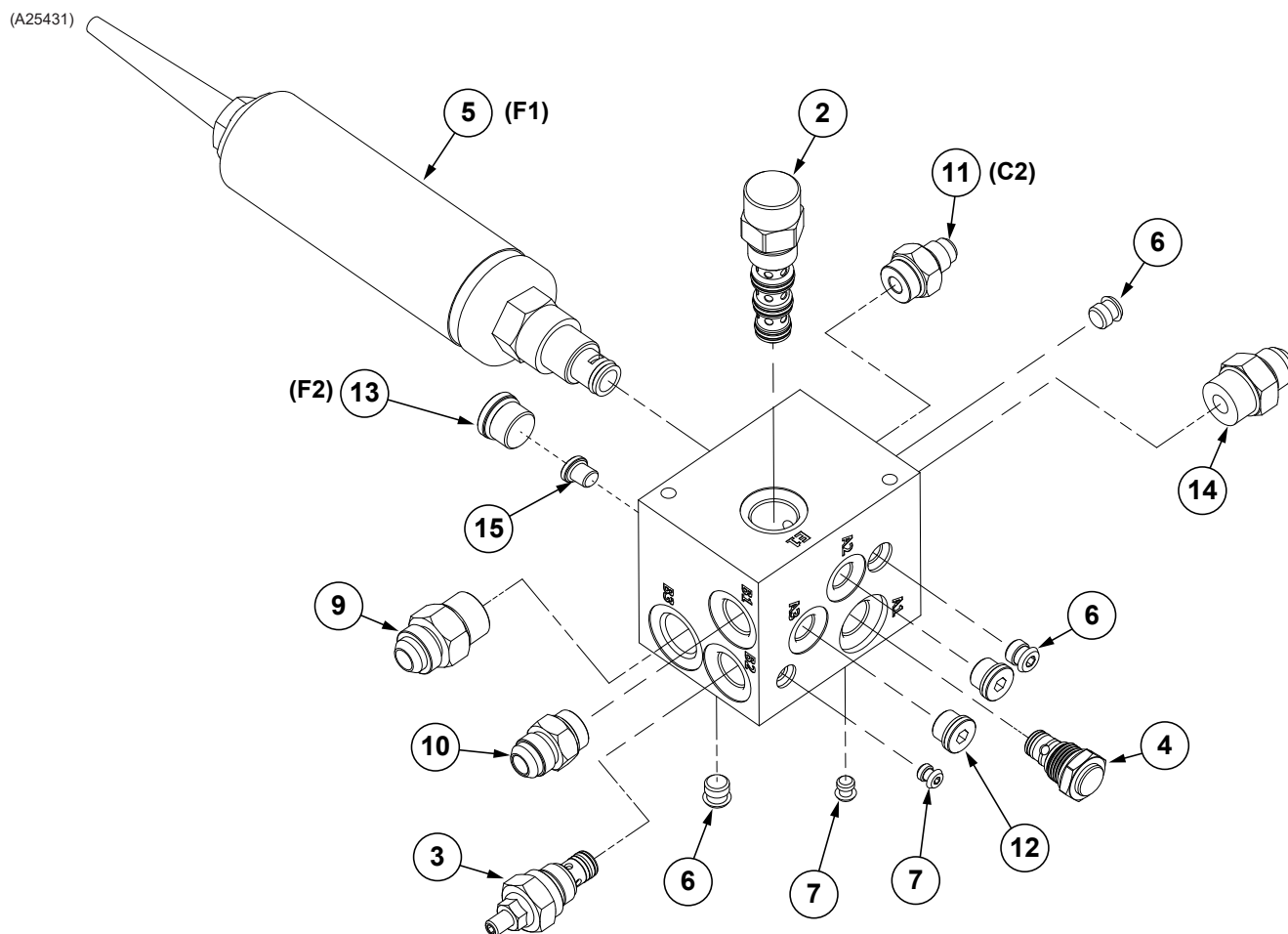


| ITEM | PART NO.       | QTY. | DESCRIPTION                        |
|------|----------------|------|------------------------------------|
| 1    | GA25286        | 1    | Manual Override Cartridge Assembly |
| 2    | G6801-04-04    | 1    | 90° Adjustable Elbow, 7/16"-20     |
| 3    | G6803-04-04-04 | 1    | Adjustable Tee, 7/16"-20           |
| 4    | GD35271        | 1    | Row Unit Control Block             |

(A26164)



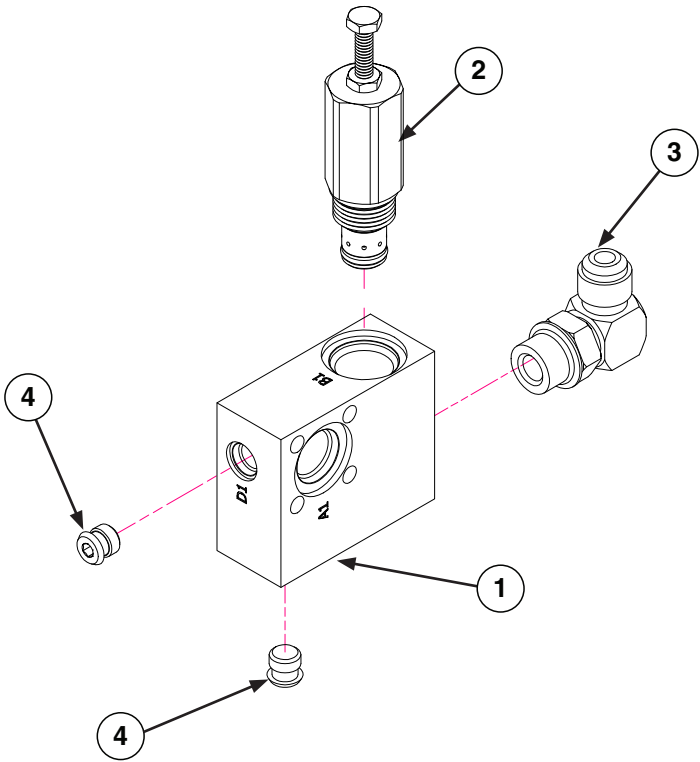
| ITEM | PART NO.    | QTY. | DESCRIPTION                                            |
|------|-------------|------|--------------------------------------------------------|
| 1    | GD30571     | 1    | Bulk Fill Fan Valve Block                              |
| 2    | GA20270     | 1    | Pressure Compensator, 150 PSI                          |
| 3    | GA20271     | 1    | Proportional Flow Control, 0-8 GPM                     |
| 4    | GA20272     | 1    | Coil, 12VDC                                            |
| 5    | GA21067     | 1    | Check Valve, No. 8                                     |
| 6    | GD29315     | 1    | Flow Restrictor Orifice, .015" Diameter                |
| 7    | GD29318     | 1    | Plug                                                   |
| 8    | GD29321     | 4    | Plug                                                   |
| 9    | GD35446     | 1    | Inverse Relief 8-2                                     |
| 10   | G6400-06-08 | 1    | Adapter, 9/16-18 JIC, 3/4-16 O-Ring                    |
| 11   | G6400-08    | 1    | Adapter, 3/4-16 JIC, 3/4-16 O-Ring                     |
| 12   | G6400-08-10 | 1    | Connector W/O-Ring, 3/4"-16 Male JIC To 7/8"-14 O-Ring |
| 13   | G6400-10    | 1    | Adapter, 7/8-14 JIC, 7/8-14 O-Ring                     |
| 14   | G6408-H04-O | 1    | Hex Socket Head Plug, 7/16"-20                         |
| 15   | G6408-H06-O | 2    | O-Ring Plug, 9/16-18 Hex Soc Head                      |
| 16   | G6408-H08-O | 1    | Hex Socket Head Plug W/O-Ring, 3/4"-16                 |



| ITEM | PART NO.              | QTY.   | DESCRIPTION                                             |
|------|-----------------------|--------|---------------------------------------------------------|
| 1    | GD35441               | 1      | Vacuum Fan Block                                        |
| 2    | GA20270               | 1      | Pressure Compensator, 150 PSI                           |
| 3    | GD35446               | 1      | Direct Acting Inverse Relief                            |
| 4    | GA21067               | 1      | Check Valve, No. 8                                      |
| 5    | GA11799               | 1      | Flow Control Cartridge W/Terminals                      |
| 6    | GD29321               | 3      | Plug                                                    |
| 7    | GD29318               | 2      | Plug                                                    |
| 8    | GD29315               | 1      | Flow Restrictor Orifice, .015" Diameter                 |
| 9    | G6400-10<br>GR1466    | 1<br>- | Connector W/O-Ring, 7/8"-14 Male JIC To O-Ring          |
| 10   | G6400-08<br>GR1037    | 1<br>- | Connector W/O-Ring, 3/4"-16 Male JIC To O-Ring          |
| 11   | G6400-06-08<br>GR1037 | 1<br>- | Connector W/O-Ring, 9/16"-18 Male JIC To 3/4"-16 O-Ring |
| 12   | G6408-H06-O<br>GR1045 | 2<br>- | Hex Socket Head Plug W/O-Ring, 9/16"-18 O-Ring          |
| 13   | G6408-H08-O<br>GR1037 | 1      | Hex Socket Head Plug W/O-Ring, 3/4"-16 O-Ring           |
| 14   | G6400-08-10<br>GR1466 | 1      | Connector W/O-Ring, 3/4"-16 Male JIC To 7/8"-14 O-Ring  |
| 15   | G6408-H04-O           | 1      | Hex Socket Head Plug, 7/16"-20                          |

**This page left blank intentionally.**

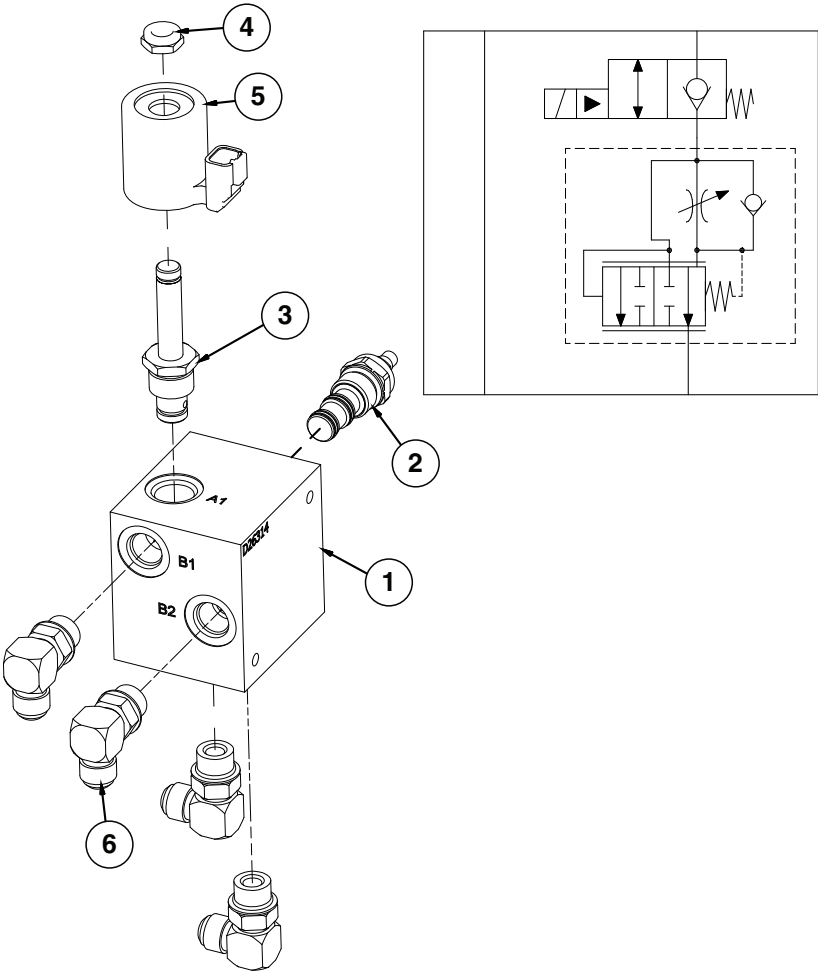
(101999)



| ITEM | PART NO.  | QTY. | DESCRIPTION                                     |
|------|-----------|------|-------------------------------------------------|
| 1    | G10169701 | 1    | Manifold Hydraulic Block                        |
| 2    | G10053801 | 1    | Adjustable Flow Control Valve                   |
| 3    | G6801-08  | 1    | Elbow W/O-Ring, 90°, 3/4"-16 Male JIC To O-Ring |
| 4    | GD29321   | 1    | Plug                                            |

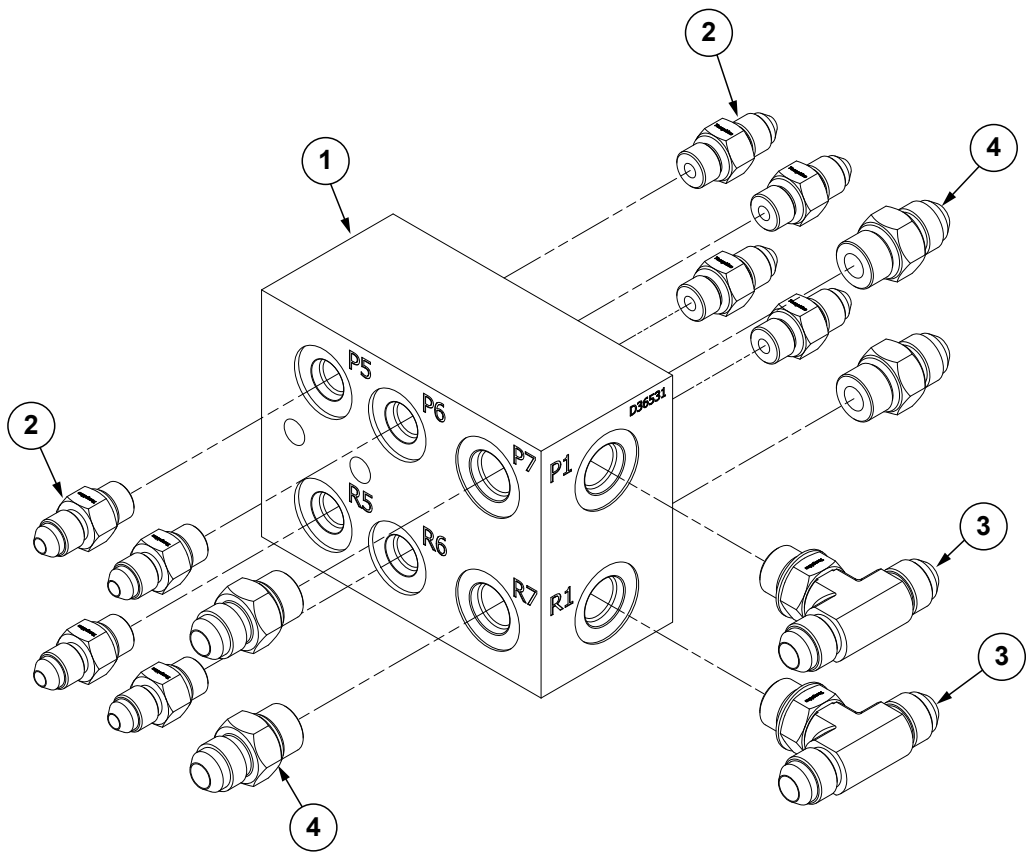


(A18355)



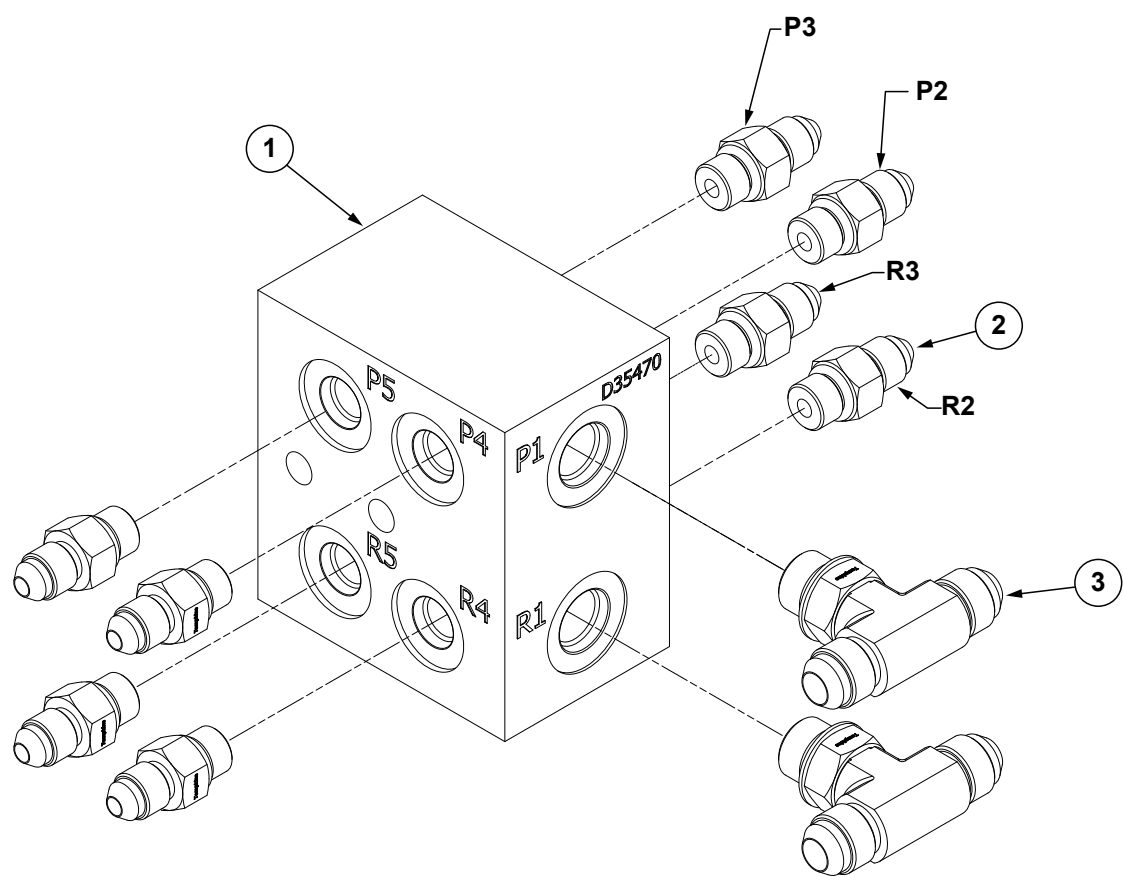
| ITEM | PART NO. | QTY. | DESCRIPTION                            |
|------|----------|------|----------------------------------------|
| 1    | GD26314  | 1    | Fertilizer Block                       |
| 2    | GA18357  | 1    | Flow Control Valve                     |
| 3    | GR0763   | 1    | Cartridge                              |
| 4    | GR1750   | 1    | Hex Nut                                |
| 5    | GA14799  | 1    | Coil                                   |
| 6    | G6801-08 | 4    | Elbow W/O-Ring, 90°, 3/4"-16 x 3/4"-16 |

(A26493)



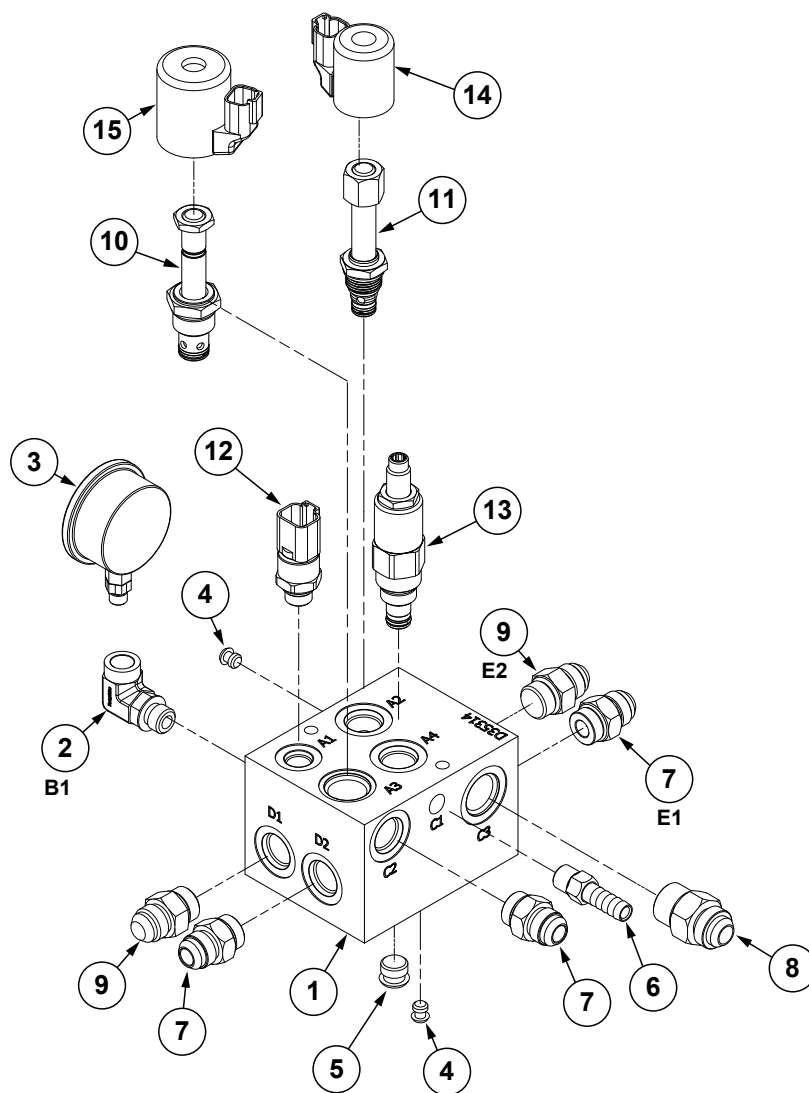
| ITEM | PART NO.           | QTY.   | DESCRIPTION                                               |
|------|--------------------|--------|-----------------------------------------------------------|
| 1    | GD36531            | 1      | Hydraulic Junction Block                                  |
| 2    | G6400-04<br>GR1465 | 8<br>- | Connector W/O-Ring, 7/16"-20 Male JIC To O-Ring<br>O-Ring |
| 3    | G6803-06           | 2      | Adjustable Tee, 1/16"-18                                  |
| 4    | G6400-06<br>GR1045 | 4<br>- | Connector W/O-Ring, 1/16"-18 Male JIC To O-Ring<br>O-Ring |

(A25477)



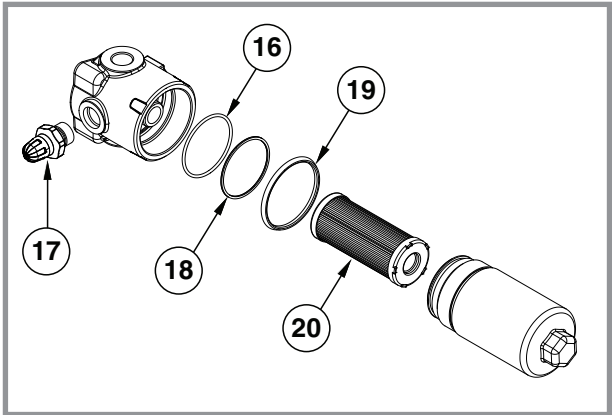
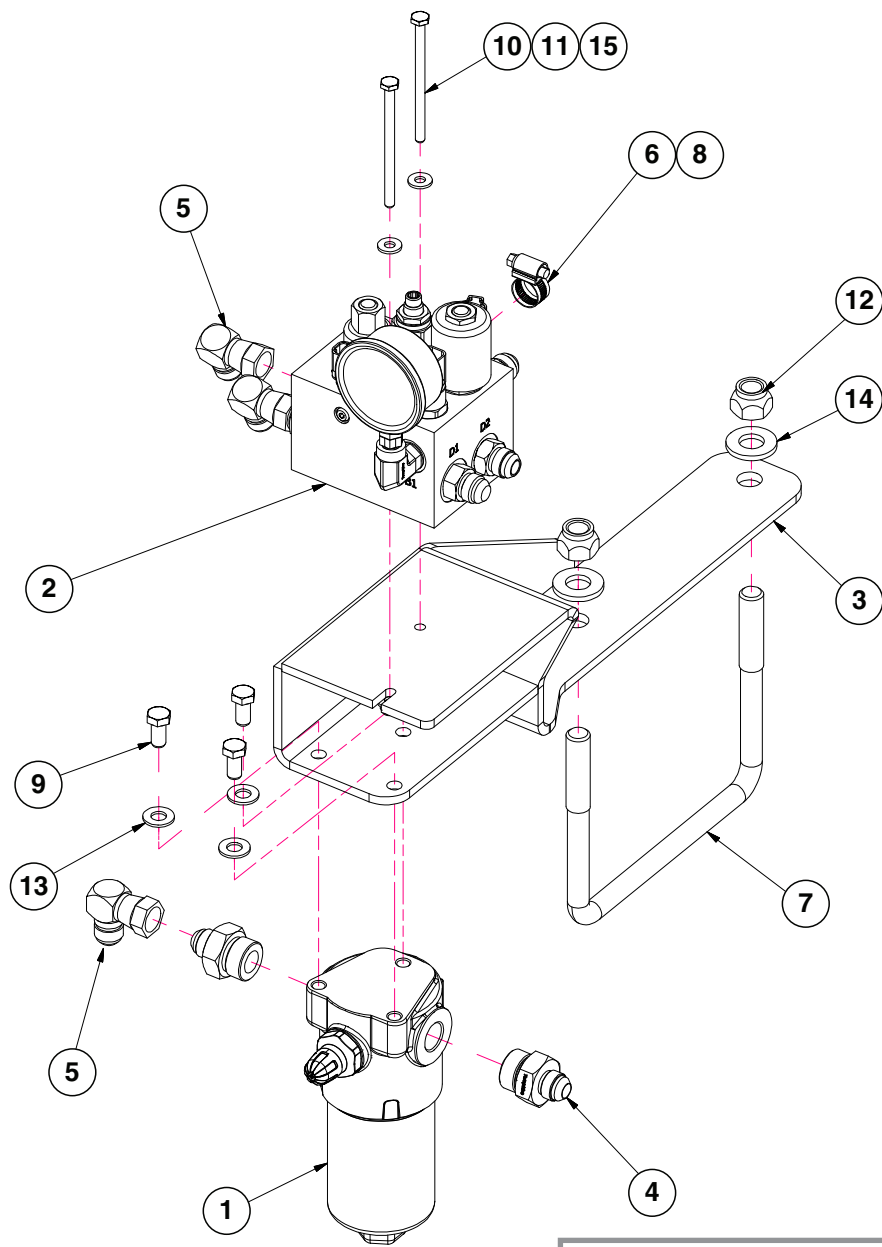
| ITEM | PART NO. | QTY. | DESCRIPTION                                     |
|------|----------|------|-------------------------------------------------|
| 1    | GD35470  | 1    | Block                                           |
| 2    | G6400-04 | 8    | Connector W/O-Ring, 7/16"-20 Male JIC To O-Ring |
|      | GR1465   | -    | O-Ring                                          |
| 3    | G6803-06 | 2    | Tee, 9/16"-18                                   |

(A25289)



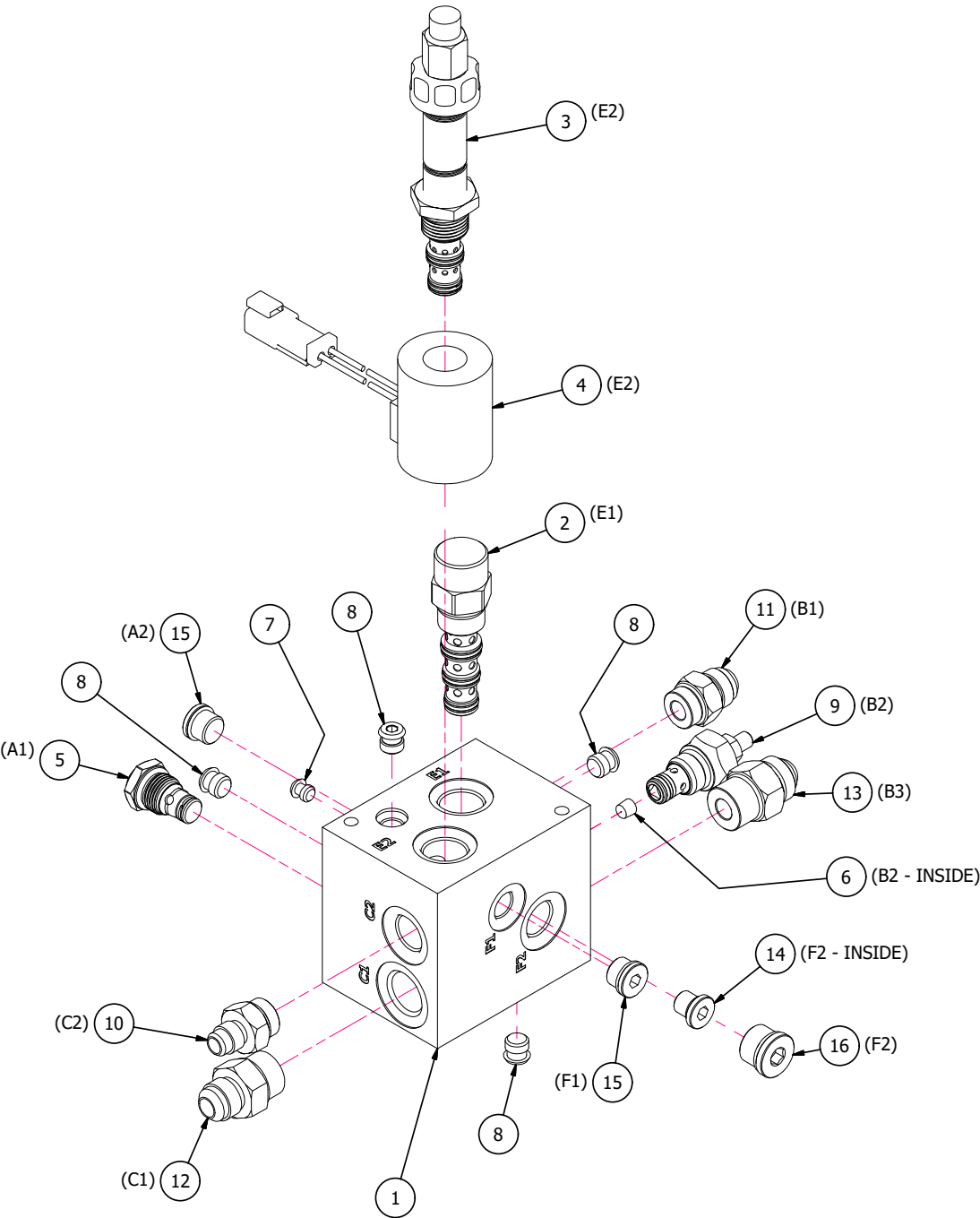
| ITEM | PART NO.           | QTY. | DESCRIPTION                                    |
|------|--------------------|------|------------------------------------------------|
| 1    | GD35314            | 1    | Manifold Block                                 |
| 2    | G6815-06-04        | 1    | 90° Adjustable Street Elbow                    |
| 3    | GA26005            | 1    | Pressure Gauge                                 |
| 4    | GD29318            | 2    | Plug                                           |
| 5    | GD29319            | 1    | Plug                                           |
| 6    | GD11700            | 1    | Adapter, 1/4" NPT To 3/8" Barb                 |
| 7    | G6400-08<br>GR1037 | 3    | Connector W/O-Ring, 3/4"-16 Male JIC To O-Ring |
| 8    | G6400-10<br>GR1466 | 1    | Connector W/O-Ring, 7/8"-14 Male JIC To O-Ring |
| 9    | GA20252            | 2    | Check Valve                                    |
| 10   | GA25390            | 1    | Solenoid, No. 10, Single Poppet                |
| 11   | GA25389            | 1    | Solenoid, No. 8, Single Poppet                 |
| 12   | G10568101          | 1    | Pressure Sensor                                |
| 13   | GA25982            | 1    | Direct Relief                                  |
| 14   | GA25403            | 1    | Coil, 12V                                      |
| 15   | GA25404            | 1    | Coil, 12V                                      |

(102915)



| ITEM                                                                | PART NO.    | QTY. | DESCRIPTION                                                                                                        |
|---------------------------------------------------------------------|-------------|------|--------------------------------------------------------------------------------------------------------------------|
| 1                                                                   | GA25857     | 1    | Inline Filter Assembly                                                                                             |
| 2                                                                   | GA25289     | 1    | <a href="#">See "Down Force Manifold Block Assembly" on page P227</a>                                              |
| 3                                                                   | GA26841     | 1    | Mount Plate                                                                                                        |
| 4                                                                   | G6400-08-12 | 2    | Adapter, 3/4"-16 Male JIC to 1-1/16"-12 O-Ring                                                                     |
| 5                                                                   | G6500-08    | 3    | Swivel Elbow, 90°, 3/4"-16 Male JIC To Female                                                                      |
| 6                                                                   | GD6279-03   | 1    | Clear PVC Tubing, 3/8" x 28" (*Hose not stocked by Kinze repair parts, but is available in bulk. Order GD6279-00.) |
| 7                                                                   | GD16598     | 1    | U-Bolt, 4" x 7" x 5/8"-11                                                                                          |
| 8                                                                   | G10681      | 1    | Hose Clamp, No. 6                                                                                                  |
| 9                                                                   | G10002      | 3    | Hex Head Cap Screw, 3/8"-16 x 3/4"                                                                                 |
| 10                                                                  | G11135      | 2    | Hex Head Cap Screw, 1/4"-20 X 3 3/4"                                                                               |
| 11                                                                  | G10110      | 2    | Lock Nut, 1/4"-20, Grade B                                                                                         |
| 12                                                                  | G10107      | 2    | Lock Nut, 5/8"-11                                                                                                  |
| 13                                                                  | G11387      | 3    | Hardened Washer, 3/8" SAE                                                                                          |
| 14                                                                  | G11391      | 2    | Flat Washer, 5/8" SAE                                                                                              |
| 15                                                                  | G11385      | 4    | Flat Washer, 1/4" SAE                                                                                              |
| 16                                                                  | **R2367     | 1    | Sealing O-Ring                                                                                                     |
| 17                                                                  | GR2361      | 1    | Flow Indicator                                                                                                     |
| 18                                                                  | **R2366     | 1    | Anti-Extrusion Ring                                                                                                |
| 19                                                                  | **R2365     | 1    | External O-Ring                                                                                                    |
| 20                                                                  | GD35835     | 1    | Replacement Filter Cartridge                                                                                       |
| A                                                                   | GR2368      | 1    | Replacement Seal Kit for Inline Filter Assembly (Item 1), includes items 16, 18, 19.                               |
| **Item is part of seal kit, item can not be purchased individually. |             |      |                                                                                                                    |

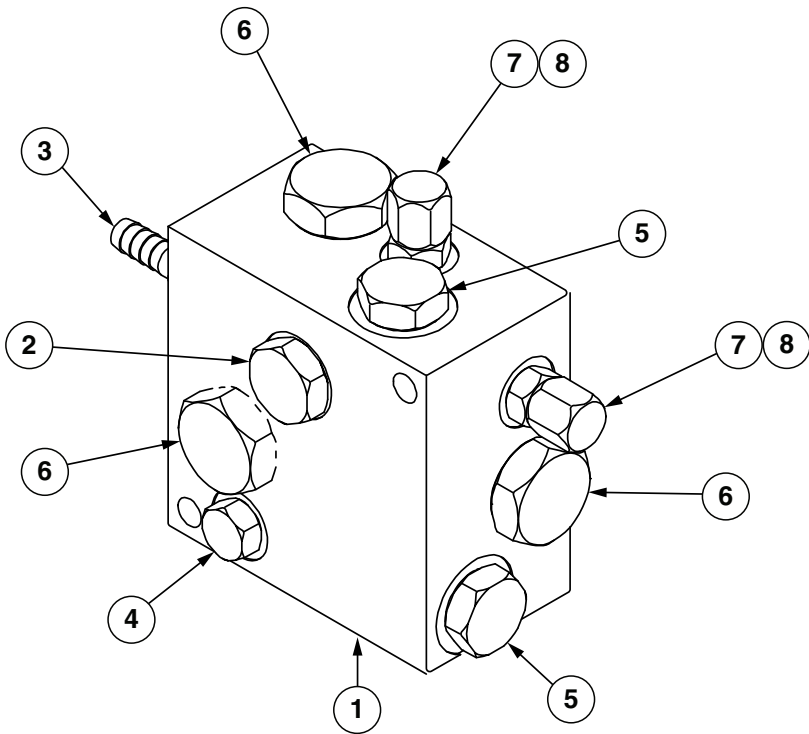
(A26164)



| ITEM | PART NO.              | QTY.   | DESCRIPTION                                              |
|------|-----------------------|--------|----------------------------------------------------------|
| 1    | GD30571               | 1      | Fan Valve Block                                          |
| 2    | GA20270               | 1      | Pressure Compensator, 150 PSI                            |
| 3    | GA20271               | 1      | Proportional Flow Control, 0-8 GPM                       |
| 4    | GA20272               | 1      | Coil, 12VDC                                              |
| 5    | GA21067               | 1      | Check Valve, No. 8                                       |
| 6    | GD29315               | 1      | Flow Restrictor Orifice, .015" Diameter                  |
| 7    | GD29318               | 1      | Plug                                                     |
| 8    | GD29321               | 4      | Plug                                                     |
| 9    | GD35446               | 1      | Inverse Relief 8-2                                       |
| 10   | G6400-06-08           | 1      | Connector W/O-Ring, 9/16"-18 Male JIC To 3/4"-16 O-Ring  |
| 11   | G6400-08              | 1      | Connector W/O-Ring, 3/4"-16 Male JIC To O-Ring           |
| 12   | G6400-08-10           | 1      | Connector W/O-Ring, 3/4"-16 Male JIC To 7/8"-14 O-Ring   |
| 13   | G6400-10              | 1      | Connector W/O-Ring, 7/8"-14 Male JIC To O-Ring           |
| 14   | G6408-H04-0<br>GR1465 | 1<br>- | Hex Socket Head Plug, 7/16"-20<br>O-Ring                 |
| 15   | G6408-H06-0<br>GR1045 | 2<br>- | Hex Socket Head Plug W/O-Ring, 9/16"-18 O-Ring<br>O-Ring |
| 16   | G6408-H08-0<br>GR1037 | 1<br>- | Hex Socket Head Plug W/O-Ring, 3/4"-16<br>O-Ring         |

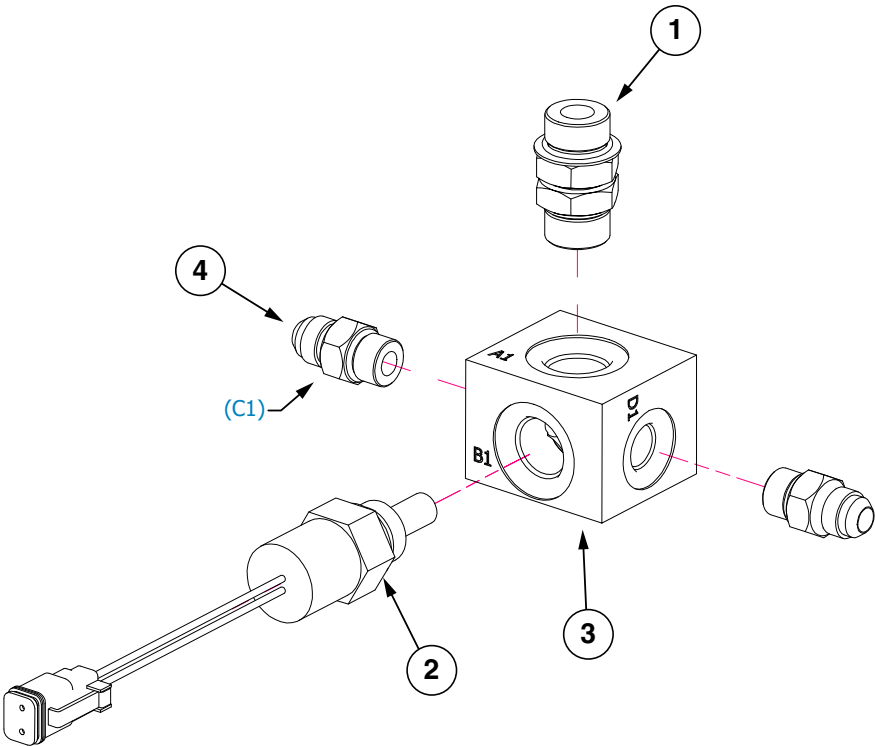


(102469)



| ITEM | PART NO.  | QTY. | DESCRIPTION                                     |
|------|-----------|------|-------------------------------------------------|
| 1    | GD16188   | 1    | Fan Junction Block                              |
| 2    | GA11934   | 1    | Case Drain Relief Cartridge                     |
| 3    | GD11700   | 1    | Barb Fitting, 1/4" NPT x 3/8"                   |
| 4    | G6408-06  | 1    | Plug W/O-Ring, 9/16"-18 O-Ring                  |
| 5    | G6408-10  | 3    | Plug W/O-Ring, 7/8"-14 O-Ring                   |
| 6    | G6408-12  | 3    | Plug W/O-Ring, 1 1/16-12 O-Ring                 |
| 7    | G6400-06  | 2    | Connector W/O-Ring, 9/16"-18 Male JIC To O-Ring |
| 8    | G304-C-06 | 2    | Cap Nut, 9/16"-18                               |

(100877)



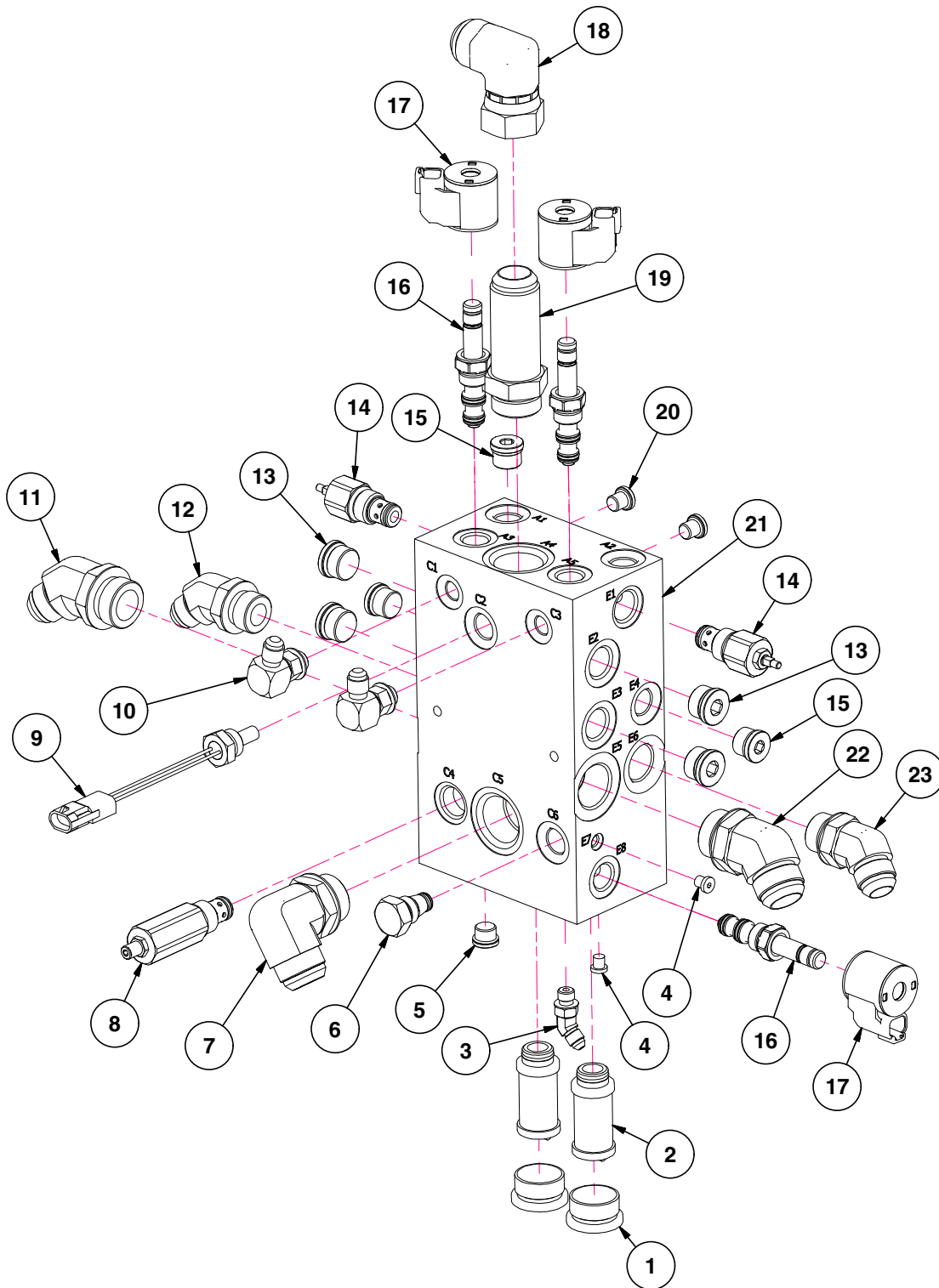
| ITEM | PART NO.     | QTY. | DESCRIPTION                      |
|------|--------------|------|----------------------------------|
| 1    | G6403-NWO-08 | 1    | Adjustable Union, 3/4"-16 O-Ring |
| 2    | G10098201    | 1    | Temperature Sensor               |
| 3    | G10087601    | 1    | Manifold Hydraulic Block         |
| 4    | G6400-06     | 2    | Adapter, 9/16"-18 JIC to O-Ring  |

# PTO Reservoir Main Hydraulic Block

Model 4805

M0314-02

(102024/IP1702)



# PTO Reservoir Main Hydraulic Block

M0314-02

Model 4805

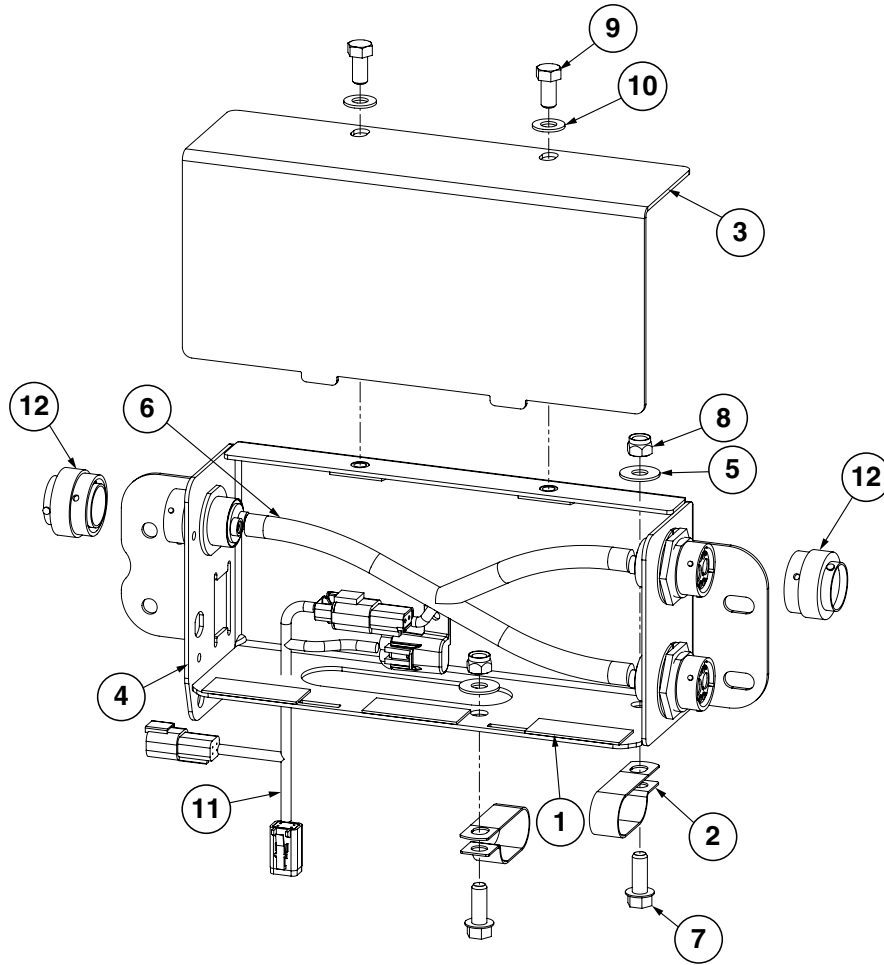
| ITEM | PART NO.           | QTY.   | DESCRIPTION                                                                      |
|------|--------------------|--------|----------------------------------------------------------------------------------|
| 1    | G6408-HHP-16       | 2      | Hex Plug W/O-Ring, 1 $\frac{5}{16}$ "-12                                         |
| 2    | GR2312             | 2      | Manifold Filter Cartridge                                                        |
| 3    | G6802-04           | 1      | 45° Adjustable Elbow, $\frac{7}{16}$ "-20 x $\frac{7}{16}$ "-20 O-Ring           |
| 4    | G6408-H02-0        | 2      | Hex Socket O-Ring Plug, $\frac{5}{16}$ "-24                                      |
| 5    | G6408-H06-O        | 1      | Hex Socket Head Plug W/O-Ring, $\frac{9}{16}$ "-18 O-Ring                        |
| 6    | G10088001          | 1      | Filter Cartridge, SAE 8                                                          |
| 7    | G6801-16<br>GR1786 | 1<br>- | Elbow W/O-Ring, 90°, 1 $\frac{5}{16}$ "-12 Female JIC To O-Ring<br>O-Ring        |
| 8    | G10499701          | 1      | Pressure Relief Valve, 3000 PSI, V2                                              |
| 9    | G10087001          | 1      | Temperature Sensor, 100°                                                         |
| 10   | G6801-06<br>GR1045 | 2<br>- | Elbow W/O-Ring, 90°, $\frac{9}{16}$ "-18 Male JIC To O-Ring<br>O-Ring            |
| 11   | G6802-12-16        | 1      | 45° Adjustable Elbow, 1 $\frac{1}{16}$ "-12 x 1 $\frac{1}{16}$ "-12 O-Ring       |
| 12   | G6802-10-12        | 1      | 45° Adjustable Elbow, $\frac{7}{8}$ "-14 x 1 $\frac{1}{16}$ "-12 O-Ring          |
| 13   | G6408-H10-0        | 4      | Hex Socket Head Plug W/O-Ring, $\frac{7}{8}$ "-14 O-Ring                         |
| 14   | G10221701          | 2      | Flow Control Cartridge                                                           |
| 15   | G6408-H08-0        | 3      | Hex Socket Head Plug W/O-Ring, $\frac{3}{4}$ "-16 O-Ring                         |
| 16   | G10086601          | 3      | 3-Way Cartridge, SV08-30                                                         |
| 17   | G10086901          | 3      | Coil, 12V                                                                        |
| 18   | G6500-16           | 1      | Swivel Elbow, 90°, 1 $\frac{5}{16}$ "-12                                         |
| 19   | G6400-L-16         | 1      | Long Adapter, 1 $\frac{5}{16}$ "-12 JIC, 1 $\frac{5}{16}$ "-12 O-Ring            |
| 20   | G6408-H04-0        | 2      | Hex Socket Head Plug, $\frac{7}{16}$ "-20                                        |
| 21   | G10202501          | 1      | Manifold Block                                                                   |
| 22   | G6802-16           | 1      | 45° Adjustable Elbow, 1 $\frac{5}{16}$ "-12 JIC x 1 $\frac{5}{16}$ "-12 O-Ring   |
| 23   | G6802-12           | 1      | Elbow W/O-Ring, 45°, 1 $\frac{1}{16}$ "-12 Male JIC To $\frac{7}{8}$ "-14 O-Ring |

# Blue Drive Bus Box Assembly

Model 4805

M0314-02

(101976)



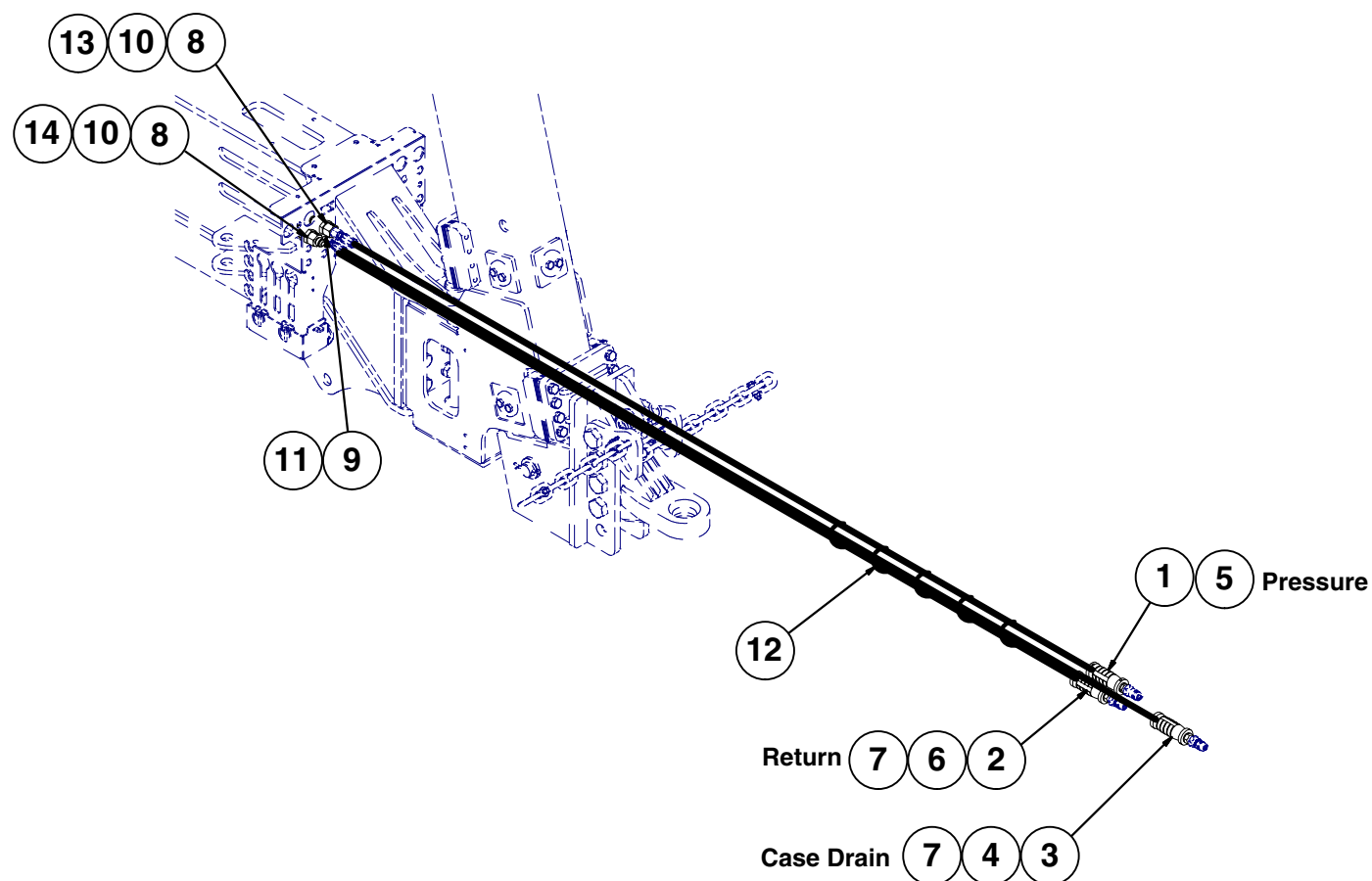
| ITEM | PART NO.  | QTY. | DESCRIPTION                                 |
|------|-----------|------|---------------------------------------------|
| 1    | GD35921   | 3    | Rubber Pad, 1/16"                           |
| 2    | GD35449   | 2    | Double Tube Clamp, 1"                       |
| 3    | G10197301 | 1    | Bus Box Cover                               |
| 4    | G10197701 | 1    | Bus Box Base                                |
| 5    | G10210    | 2    | Washer, 3/8" USS                            |
| 6    | G10291901 | 1    | 12V Bus Harness                             |
| 7    | G11124    | 2    | Hex Serrated Flange Cap Screw, 3/8"-16 x 1" |
| 8    | G10108    | 2    | Lock Nut, 3/8"-16                           |
| 9    | G10002    | 2    | Hex Head Cap Screw, 3/8"-16 x 3/4"          |
| 10   | G11387    | 2    | Hardened Washer, 3/8" SAE                   |
| 11   | G10292601 | 1    | PTO System 12V Power Harness                |
| 12   | GD32061   | 2    | Dust Cap                                    |

# Hydraulic Hose to Tractor, Dry Fertilizer

M0314-02

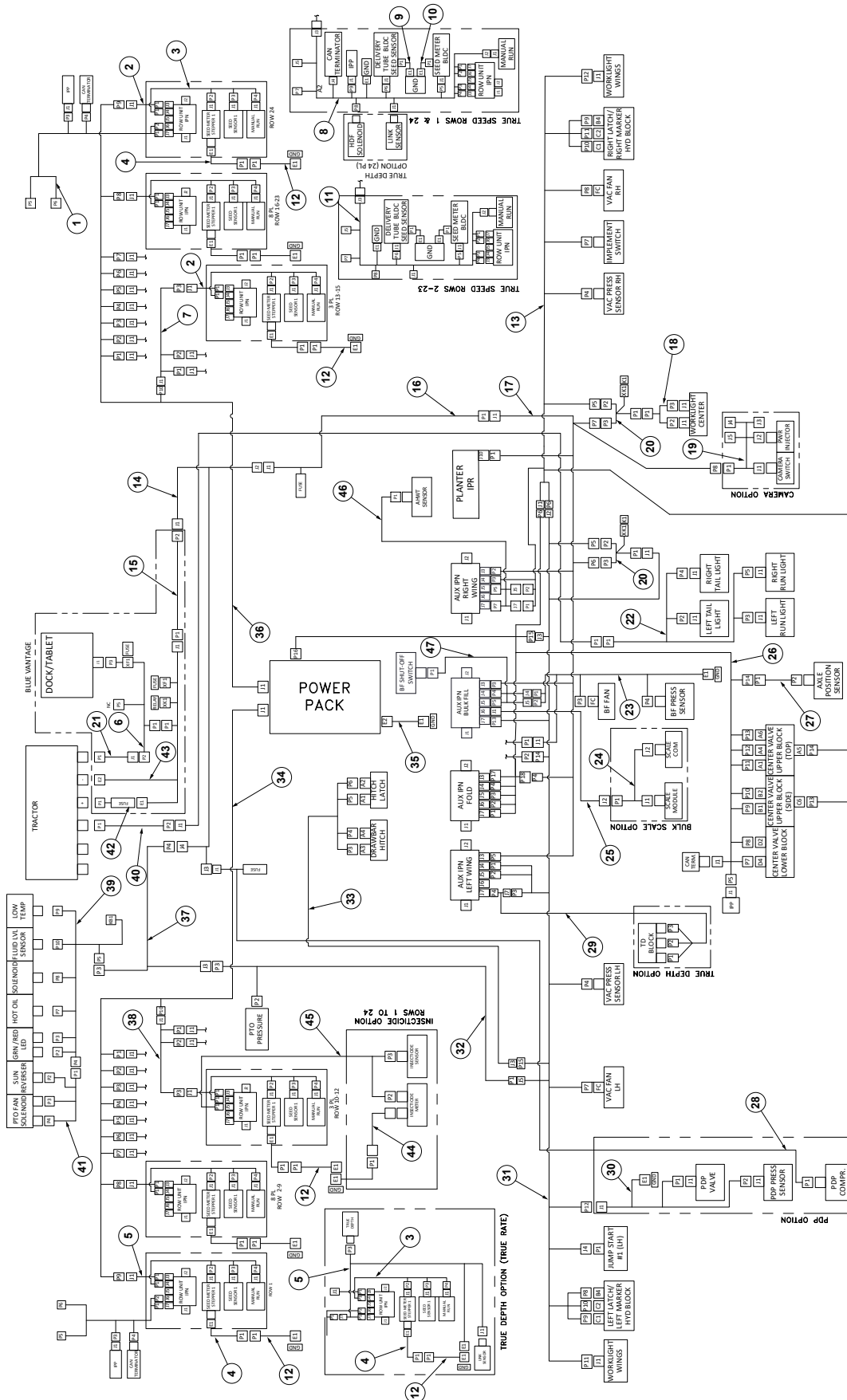
Model 4805

(105230)



| ITEM | PART NO.    | QTY. | DESCRIPTION                                                           |
|------|-------------|------|-----------------------------------------------------------------------|
| 1    | *A18692-115 | 1    | Hose Assembly, 1/2" x 115" (08F - 1/2" Male NPTF), W/Extension, W/Tip |
| 2    | *A21546-115 | 1    | Hose Assembly, 5/8" x 115" (10F - 1/2" Male NPTF)                     |
| 3    | *A26938-115 | 1    | Hose Assembly, 3/8" x 115" (08F - 1/2 Male NPTF), W/Extension, W/Tip  |
| 4    | GA26924-11  | 1    | Hose Label Cover Assembly, Orange Case Drain                          |
| 5    | GA26924-12  | 1    | Hose Label Cover Assembly, Brown Extend                               |
| 6    | GA26924-13  | 1    | Hose Label Cover Assembly, Brown Retract                              |
| 7    | GD25522     | 2    | Hydraulic Tip Cover                                                   |
| 8    | G2700-12    | 2    | Bulkhead Tube Union, 1 1/16"-12 Male JIC                              |
| 9    | G2700-06-06 | 1    | Bulkhead Tube Union, 9/16"-18 Male JIC                                |
| 10   | G306-12     | 2    | Lock Nut, 1 1/16"-12                                                  |
| 11   | G306-06     | 1    | Lock Nut, 9/16"-18                                                    |
| 12   | GD19383-01  | 1    | Hose Wrap, 90"                                                        |
| 13   | G2406-12-08 | 1    | Reducer Tee, 1-1/16"-12 JIC x 3/4"-16                                 |
| 14   | G2406-12-10 | 1    | Reducer, 1-1/16"-12 JIC x 7/8"-14                                     |

(Z0386)



# Base Machine Electrical Schematic

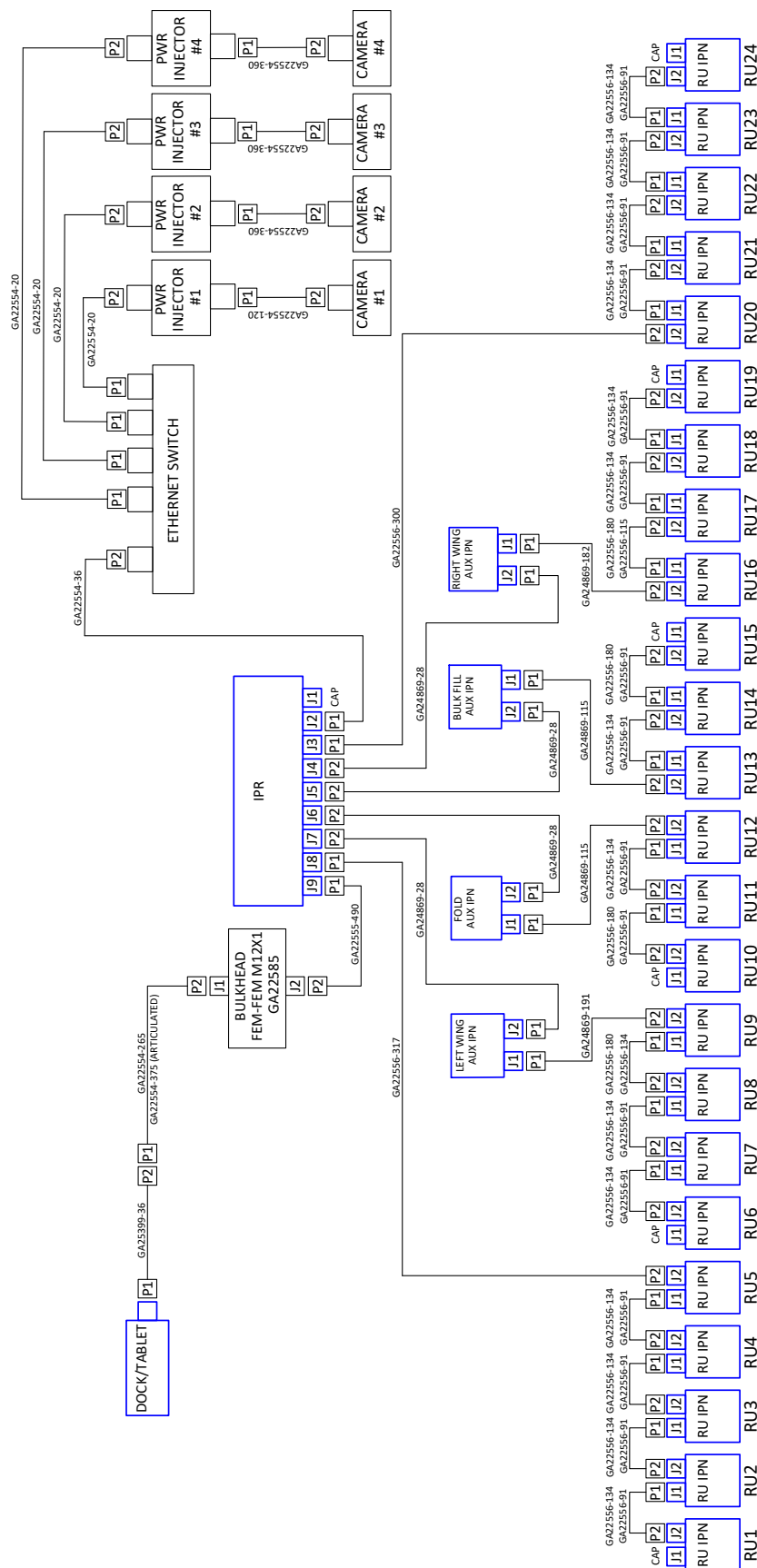
M0314-02

Model 4805

| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                                    |
|------|-----------|------|------------------------------------------------------------------------------------------------|
| 1    | GA26835   | 2    | Liquid Fertilizer Wing IPP Harness                                                             |
| 2    | GA25029   | 24   | Row Unit Power Extension Harness                                                               |
| 3    | GA25203   | -    | 4K Row Unit Seed Meter Harness                                                                 |
| 4    | GA20711   | -    | Seed Meter Motor ESD Drain Harness                                                             |
| 5    | GA26709   | 24   | Integrated True Depth Row Unit Harness                                                         |
| 6    | GA25031   | 1    | Tractor Console Harness                                                                        |
| 7    | GA25599   | 1    | 24V Power Harness, Rows 13-15                                                                  |
| 8    | GA26981   | 2    | True Speed Row Unit Harness w/ IPP                                                             |
| 9    | G10213602 | 1    | ESD Ground Strap Harness, HSSD                                                                 |
| 10   | G10213601 | 1    | ESD Ground Strap Harness, HSSD                                                                 |
| 11   | GA26982   | 22   | True Speed Row Unit Harness                                                                    |
| 12   | GA20712   | 48   | Row Unit ESD Drain Harness                                                                     |
| 13   | G10518501 | 1    | Right Wing IPN Harness                                                                         |
| 14   | G10291901 | 1    | 12V Bus Box Harness                                                                            |
| 15   | G11074801 | 1    | Tractor Power Extension Harness, 10'                                                           |
|      | G11074802 | 1    | Tractor Power Extension Harness, 16'                                                           |
| 16   | G10210601 | 1    | 12V Power Harness, 60'                                                                         |
| 17   | G10394101 | 1    | Power Harness                                                                                  |
| 18   | GA25171   | 1    | Catwalk Worklights Harness                                                                     |
| 19   | G10269201 | 1    | Camera Power Harness                                                                           |
| 20   | GA22547   | 2    | Worklight Relay Harness                                                                        |
| 21   | GA26751   | 3    | EU Power Adapter Harness                                                                       |
| 22   | GA25159   | -    | 12V EU Taillight Harness                                                                       |
| 23   | GA25593   | 1    | Bulk Fill IPN Harness                                                                          |
| 24   | G10242801 | 1    | Bulk Fill Scale CAN Cable                                                                      |
| 25   | G10286102 | 1    | CAN Stub Harness                                                                               |
| 26   | G10479001 | 1    | Fold IPN Harness                                                                               |
| 27   | GA25166   | 1    | Axle Position Relay Harness                                                                    |
| 28   | G10188102 | 1    | 12V Air Pump Harness w/Fuse                                                                    |
| 29   | GA26711   | 1    | Integrated True Depth Harness                                                                  |
| 30   | GA25653   | 1    | Pneumatic Downpressure (PDP) Harness                                                           |
| 31   | G10394301 | 1    | Left Wing IPN Harness                                                                          |
| 32   | G10200201 | 1    | PTO Harness, 290"                                                                              |
| 33   | GA25591   | 1    | Drawbar Hitch Harness                                                                          |
| 34   | GA25596   | 1    | 24V Power Harness, Rows 1-9                                                                    |
| 35   | G10477101 | -    | Cable, 4 Gauge, 48"                                                                            |
| 36   | GA25597   | 1    | 24V Power Harness, Rows 16-24                                                                  |
| 37   | G10292601 | 1    | 12V PTO System Power Harness                                                                   |
| 38   | GA25598   | 1    | 24V Power Harness, Rows 10-12                                                                  |
| 39   | G10200302 | 1    | PTO Assembly Harness                                                                           |
| 40   | GA25170   | 1    | Taillight Extension Harness, EU                                                                |
|      | G11143801 | 1    | Tail Light Extension Harness 5 PIN (N. America); Tail Light Extension Harness 7 PIN (European) |
| 41   | G10218401 | 1    | PTO Reverser Harness                                                                           |
| 42   | G10049501 | 1    | Tractor Battery Connection Harness and Fuse Kit                                                |
| 43   | G10211901 | 1    | Tractor Power Harness                                                                          |
| 44   | GA20710   | 24   | Insecticide Motor ESD Drain Harness                                                            |
| 45   | GA22522   | 24   | Insecticide Harness                                                                            |
| 46   | G10496501 | 1    | Active Hydraulic Weight Transfer Intercept Harness                                             |
| 47   | G10963101 | 1    | Bulk Fill Shutoff Intercept Harness                                                            |



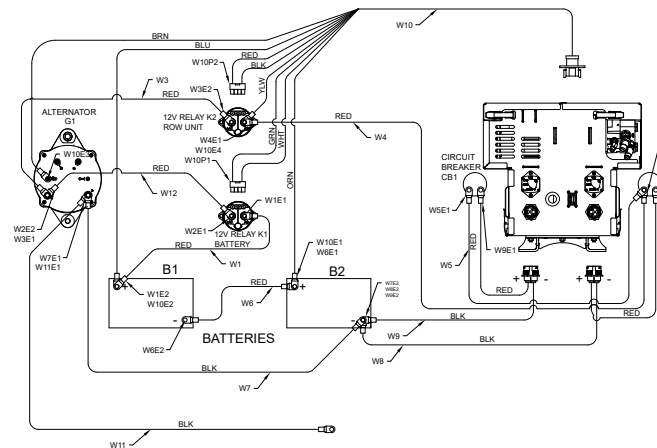
(Z0380)



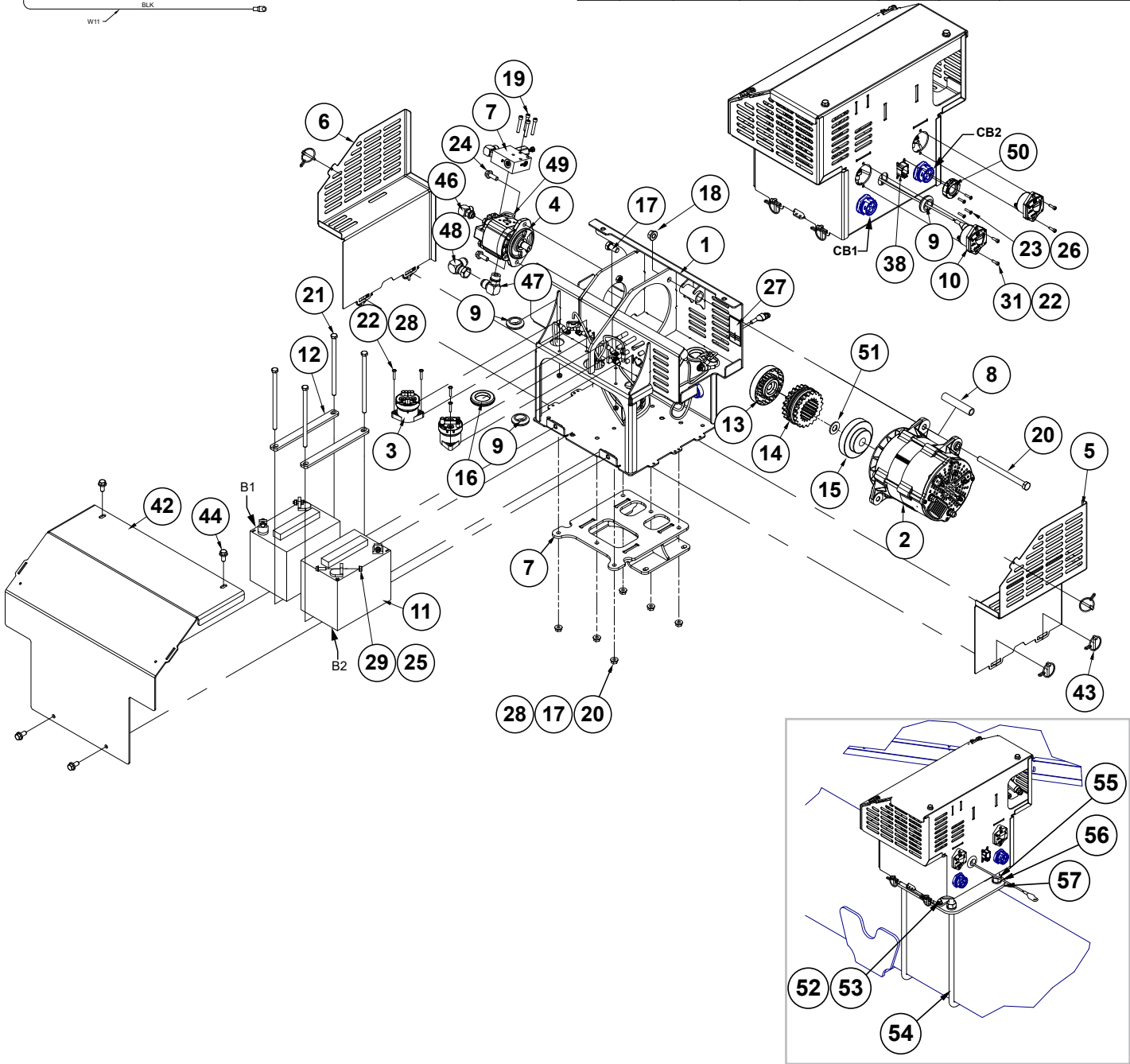
| ITEM | PART NO.    | QTY. | DESCRIPTION                                  |
|------|-------------|------|----------------------------------------------|
| -    | GA22554-120 | 1    | Ethernet Cable (M12 STR-M12 STR), 120"       |
| -    | GA22554-20  | 4    | Ethernet Cable (M12 STR-M12 STR), 20"        |
| -    | GA22554-36  | 1    | Ethernet Cable (M12 STR-M12 STR), 36"        |
| -    | GA22554-360 | 3    | Ethernet Cable (M12 STR-M12 STR), 360"       |
| -    | GA22556-115 | 1    | Ethernet Cable (M12 RA-M12 RA), 115"         |
| -    | GA22556-134 | 1    | Ethernet Cable (M12 RA-M12 RA), 134"         |
| -    | GA22556-180 | 4    | Ethernet Cable (M12 RA-M12 RA), 180"         |
| -    | GA22556-300 | 1    | Ethernet Cable (M12 RA-M12 RA), 300"         |
| -    | GA22556-91  | 16   | Ethernet Cable (M12 RA-M12 RA), 91"          |
| -    | GA24869-115 | 2    | Ethernet Cable (M12 RA Special-M12 RA), 115" |
| -    | GA24869-182 | 1    | Ethernet Cable (M12 RA Special-M12 RA), 182" |
| -    | GA24869-191 | 1    | Ethernet Cable (M12 RA Special-M12 RA), 191" |
| -    | GA24869-28  | 2    | Ethernet Cable (M12 RA Special-M12 RA), 28"  |

**NOTE: for RU cables - top row used w/ True Speed, bottom row used w/ True Rate.**

(101129)



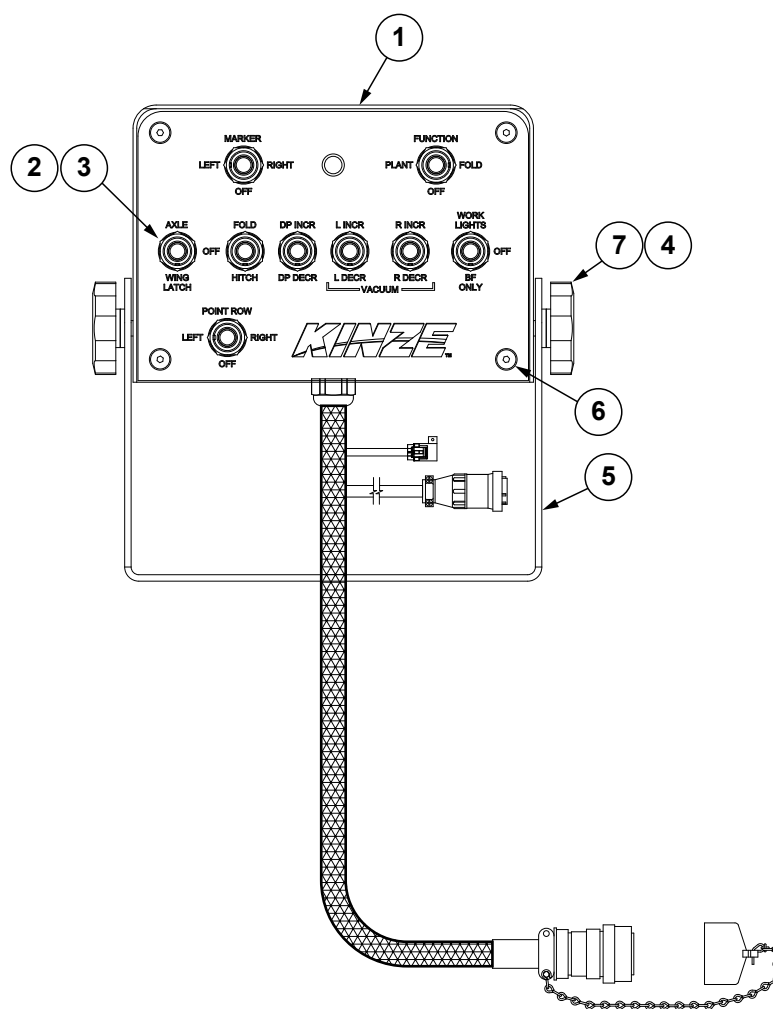
| COMPONENT HOOKUP CHART |         |          |              |          |              |         |                              |
|------------------------|---------|----------|--------------|----------|--------------|---------|------------------------------|
| ITEMS                  | REF DES | FROM     | USED W/ ITEM | TO       | USED W/ ITEM | COLOR   | FUNCTION                     |
| 32                     | W1      | B1+      | E2           | K1A2-    | E1           | RED     | PWR                          |
| 45                     | W2      | K1A1+    | E1           | GB1+     | E2           | RED     | PWR                          |
| 40                     | W3      | GB1+     | E1           | K2A1+    | E2           | RED     | PWR                          |
| 33                     | W4      | K2A2-    | E1           | CB2 LINE | E2           | RED     | PWR                          |
| 34                     | W5      | CB1 LINE | E1           | CB2 LINE | E2           | BLK     | PWR                          |
| 41                     | W6      | B2+      | E1           | B1-      | E2           | RED     | PWR                          |
| 35                     | W7      | B2-      | E2           | GB2-     | E1           | BLK     | GND                          |
| 37                     | W8      | PAN      | J1           | CB2 LOAD | E1           | RED     | PWR                          |
|                        |         |          |              | B2-      | E2           | BLK     | GND                          |
| 36                     | W9      | PAN      | J1           | CB1 LOAD | E1           | RED     | PWR                          |
|                        |         |          |              | B2-      | E2           | BLK     | GND                          |
| 38                     | W10     | PAN      | J1           | K2       | P2           | RED-BLK | RU PWR RELAY (PWR&GND)       |
|                        |         |          |              | AC       | E3           | BRN     | ALTERNATOR SENSE FREQ        |
|                        |         |          |              | K2A2-    | E4           | YLW     | RU PWR FEEDBACK              |
|                        |         |          |              | K1       | P1           | GRN-WHT | BATTERY PACK RELAY (PWR&GND) |
|                        |         |          |              | B1+      | E2           | BLU     | BATTERY #2 VOLTAGE MONITOR   |
|                        |         |          |              | B2+      | E1           | ORN     | BATTERY #1 VOLTAGE MONITOR   |
| 39                     | W11     | GB2-     | E2           | NC       | E1           | BLK     | PLANTER GROUND               |



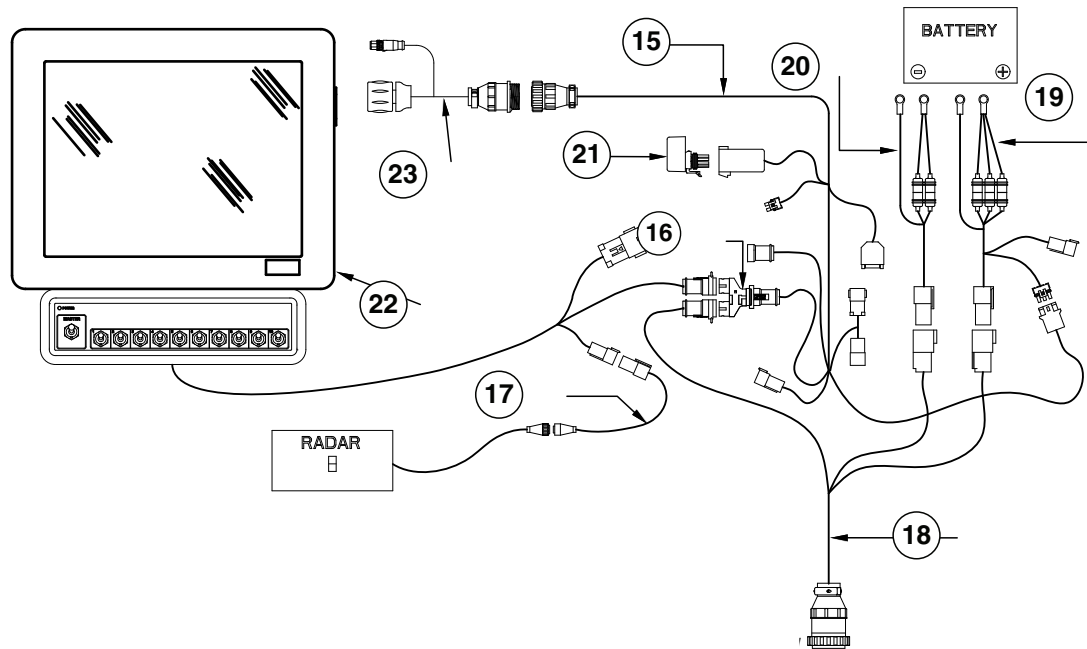
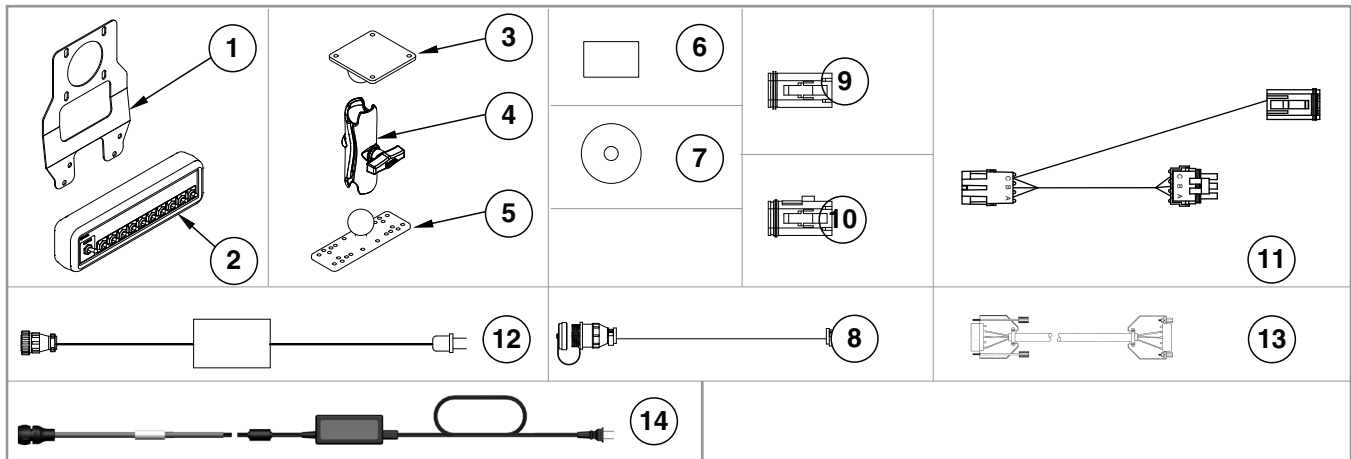
| ITEM | PART NO.            | QTY. | DESCRIPTION                                                          |
|------|---------------------|------|----------------------------------------------------------------------|
| 1    | G10416001           | 1    | Battery Box                                                          |
| 2    | GA19301             | 1    | Alternator                                                           |
| 3    | G10584701           | 2    | Contactor                                                            |
| 4    | G10169501<br>GR2382 | 1    | Hydraulic Motor<br>Seal Kit                                          |
| 5    | GD36822             | 1    | Battery Box Vent                                                     |
| 6    | GD36821             | 1    | Battery Box Vent                                                     |
| 7    | ---                 | 1    | <a href="#">See "Manifold Hydraulic Block Assembly" on page P223</a> |
| 8    | G10318901           | 1    | Sleeve, 3/4" x 3.85"                                                 |
| 9    | GD22200             | 3    | Grommet, 1"                                                          |
| 10   | GD28354             | 2    | Circuit Breaker, 100 Amp Panel Mount                                 |
| 11   | G10478801           | 2    | Battery, 12 Volt                                                     |
| 12   | G10114001           | 2    | Battery Strap                                                        |
| 13   | GD36680             | 1    | Half Coupler                                                         |
| 14   | GD36681             | 1    | Sleeve W/Retaining Ring                                              |
| 15   | GD36682             | 1    | Half Coupler                                                         |
| 16   | GR2126              | 2    | 1 1/2" Push-In Grommet                                               |
| 17   | G10014              | 1    | Hex Head Cap Screw, 1/2"-13 x 1"                                     |
| 18   | G10071              | 1    | Serrated Flange Nut, 1/2"-13                                         |
| 19   | G11418              | 4    | Hex Socket Head Cap Screw, 1/4" x 1 1/2"                             |
| 20   | G10829              | 1    | Hex Head Cap Screw, 1/2"-13 x 6 1/2"                                 |
| 21   | G10954              | 4    | Hex Head Cap Screw, 3/8"-16 x 7"                                     |
| 22   | G10992              | 8    | Serrated Flange Nut, No. 10-24                                       |
| 23   | G11067              | 4    | Phillips Pan Head Machine Screw, No. 8-32 x 3/4", Stainless Steel    |
| 24   | G11124              | 2    | Hex Serrated Flange Cap Screw, 3/8"-16 x 1"                          |
| 25   | G11409              | 4    | Hex Socket Flange Cap Screw, 1/4"-20 x 1"                            |
| 26   | G11202              | 4    | Lock Nut W/Nylon Insert, No. 8-32, Stainless Steel                   |
| 27   | G7100-636           | 1    | Decal, Do Not Exceed Torque                                          |
| 28   | G11472              | 4    | Phillips Pan Head Machine Screw, No. 10-24 x 1"                      |
| 29   | G11528              | 4    | Hex Nut W/External Tooth Washer, 1/4"-20                             |
| 30   | ---                 | -    | ---                                                                  |
| 31   | G11588              | 4    | Hex Socket Head Cap Screw, No. 10-24 x 5/8" Grade 8                  |
| 32   | GA26683             | 1    | Red Cable, 4 Gauge x 15"                                             |
| 33   | GA26684             | 1    | Red Cable, 4 Gauge x 28"                                             |
| 34   | GA26685             | 1    | Red Cable, 4 Gauge x 19"                                             |
| 35   | G10477201           | 1    | Cable, 4 Gauge Black (1/4" Ring x 3/8" Ring) X 12.0                  |
| 36   | GA26687             | 1    | Row Unit Battery Box Harness, Power 1                                |
| 37   | GA26688             | 1    | Row Unit Battery Box Harness, Power 2                                |
| 38   | G10600701           | 1    | Compact Power Pack Sensor Harness                                    |
| 39   | G10477101           | 1    | Cable, 4GA x 48"                                                     |
| 40   | GA25023             | 1    | Cable, 4GA, 5/16" to 5/16"                                           |
| 41   | GA25993             | 1    | Cable, 4GA x 14"                                                     |
| 42   | GD36820             | 1    | Battery Box Cover                                                    |
| 43   | G10439801           | 6    | Pin W/Chain                                                          |
| 44   | G11123              | 4    | Hex Serrated Flange Cap Screw, 3/8"-16 x 3/4"                        |
| 45   | GA26926             | 1    | Cable, 4GA Red/Cover x 32"                                           |

| ITEM | PART NO.           | QTY.   | DESCRIPTION                                                |
|------|--------------------|--------|------------------------------------------------------------|
| 46   | G6801-06<br>GR1045 | 1<br>- | Elbow W/O-Ring, 90°, 9/16"-18 Male JIC To O-Ring<br>O-Ring |
| 47   | G6801-10<br>GR1466 | 1      | Elbow W/O-Ring, 90°, 7/8"-14 Male JIC To O-Ring<br>O-Ring  |
| 48   | G6500-10           | 1      | Swivel Elbow, 90°, 7/8"-14 Male JIC To Female              |
| 49   | GD30262            | 1      | O-Ring, No. 213                                            |
| 50   | GD25007            | 1      | Deutsch Cap, Size 24                                       |
| 51   | G11391             | 1      | Lock Nut, 3/8"-16                                          |
| 52   | G11387             | 4      | Flat Washer, 3/8" SAE                                      |
| 53   | G10108             | 4      | Lock Nut, 3/8"-16                                          |
| 54   | GD25499            | 2      | U-Bolt, 8" x 16" x 3/4"-10                                 |
| 55   | G10105             | 4      | Hex Nut, 3/4"-10                                           |
| 56   | G10231             | 4      | Spring Lock Washer, 3/4"                                   |
| 57   | GD27019            | 1      | Power Pack Mount                                           |

(A24978)

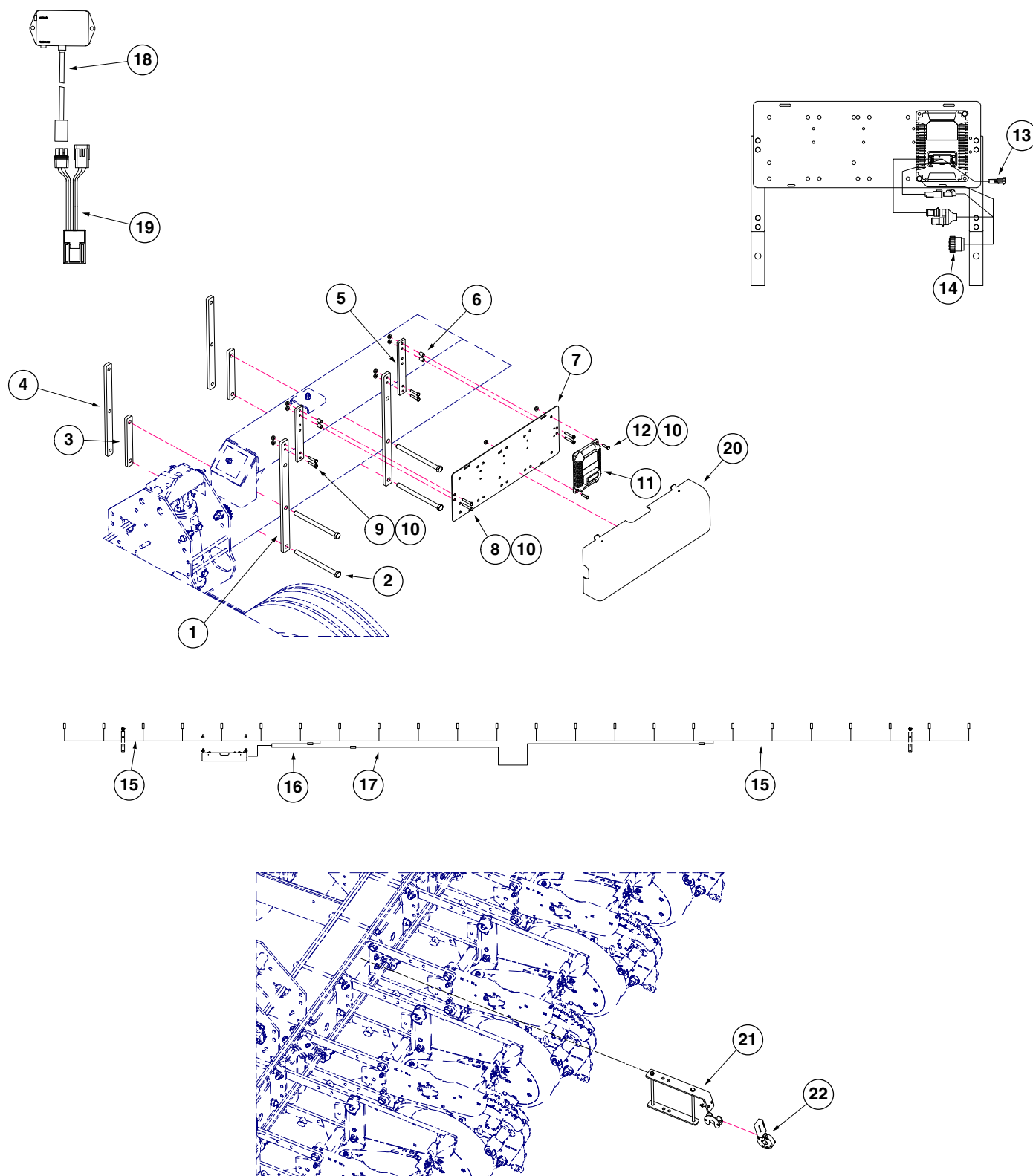


| ITEM | PART NO. | QTY. | DESCRIPTION                                       |
|------|----------|------|---------------------------------------------------|
| 1    | GA8738   | 1    | Control Box                                       |
| 2    | GR1364   | 9    | Internal Tooth Lock Washer, 15/32"                |
| 3    | GR1363   | 9    | Hex Face Nut, 15/32"-32                           |
| 4    | G11385   | 4    | Flat Washer, 1/4" SAE                             |
| 5    | GR1292   | 4    | Hex Socket Button Head Cap Screw, No. 8-32 x 1/2" |
| 6    | GA6975   | 2    | Knob                                              |

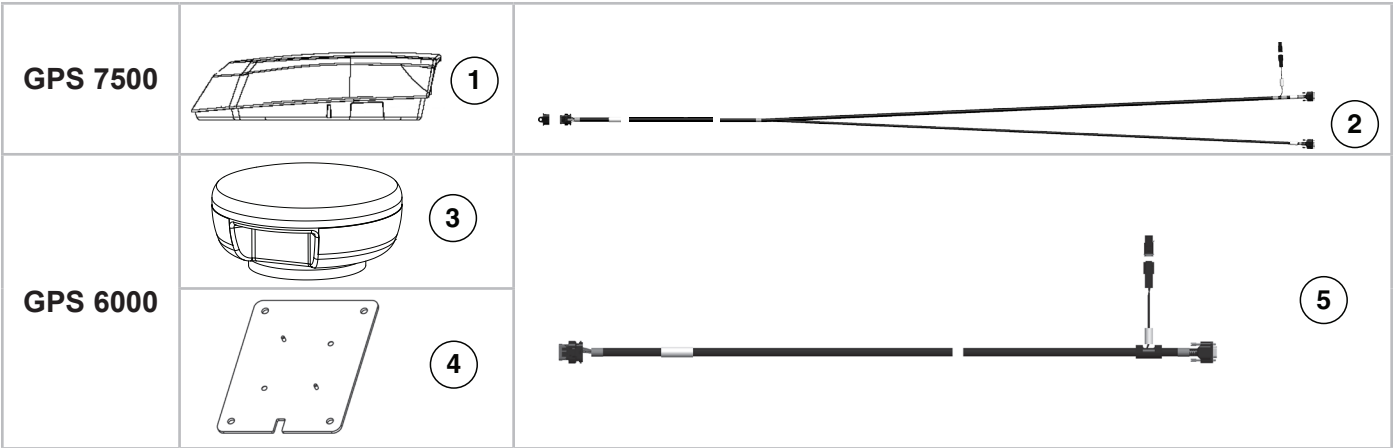


| ITEM | PART NO. | QTY. | DESCRIPTION                                   |
|------|----------|------|-----------------------------------------------|
| 1    | GR1916   | 1    | Switch Box Bracket                            |
| 2    | GA12539  | 1    | Switch Box Module                             |
| 3    | GD18408  | 1    | Ram Vesa Base                                 |
| 4    | GA12868  | 1    | Ram Double Socket Arm                         |
| 5    | GD18407  | 1    | Ram Base                                      |
| 6    | GA14449  | 1    | Flash Drive (Integra or InCommand)            |
| 7    | GR1836   | 1    | SMS CD                                        |
| 8    | GA13562  | 1    | Cable Extension, 180"                         |
| 9    | GR1838   | 1    | Dust Plug                                     |
| 10   | GR1839   | 1    | Dust Plug                                     |
| 11   | GA13572  | 1    | Multi-Product Cable                           |
| 12   | GA12852  | 1    | Power Supply (Integra)                        |
| 13   | GA12853  | 1    | Null Modem Cable                              |
| 14   | GA24649  | 1    | Power Supply (InCommand)                      |
| 15   | GA16831  | 1    | ISOBUS Display Cable                          |
| 16   | GD18176  | 1    | Y-Splice Connector                            |
| 17   | GA12596  | 1    | Radar Adapter Cable                           |
| 18   | GA14450  | 1    | CAN Adapter Cable                             |
| 19   | GA14452  | 1    | Power Cable                                   |
| 20   | GA12598  | 1    | Seed Rate Power Cable                         |
| 21   | GA12540  | 1    | Power Control Relay                           |
| 22   | GA14447  | -    | Integra Loaner Display (Display Only) (Shown) |
|      | GA24648  | -    | InCommand Display                             |
| 23   | GA24652  | -    | InCommand to Legacy Adapter Cable             |
| A    | GA14448  | -    | Ram Mount Hardware Kit                        |



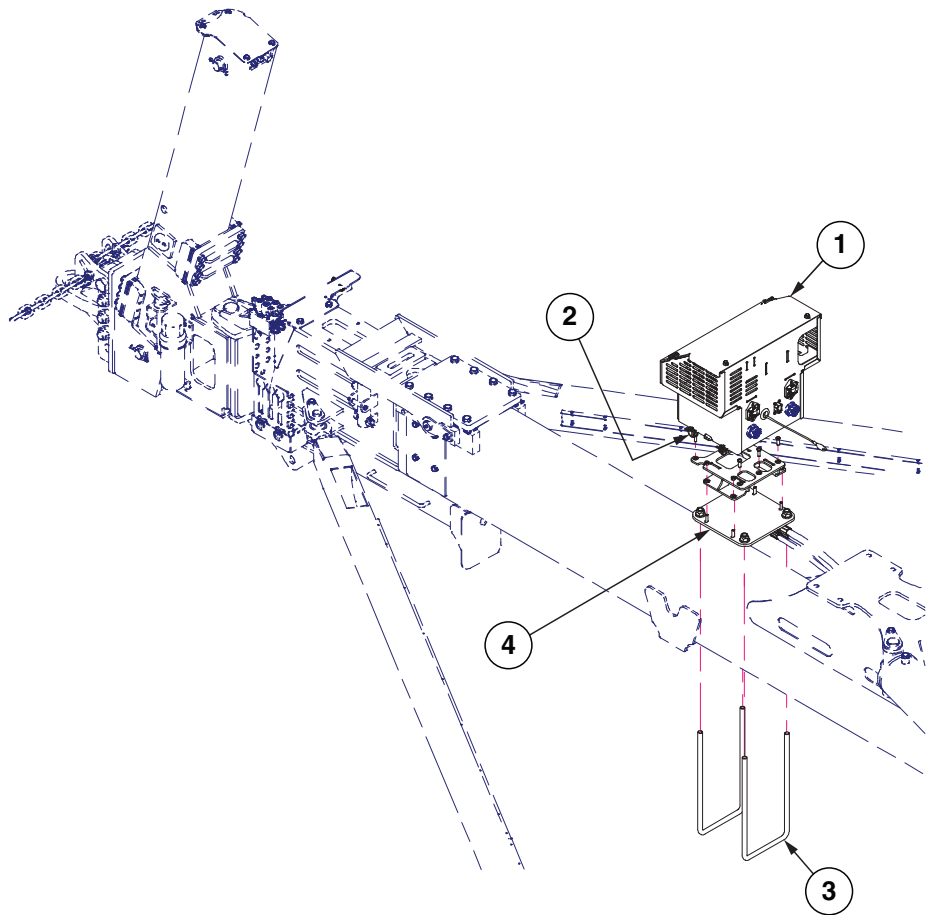


| ITEM | PART NO.   | QTY. | DESCRIPTION                                         |
|------|------------|------|-----------------------------------------------------|
| 1    | GD19759    | 2    | Module Mount Bracket                                |
| 2    | G10152     | 4    | Hex Head Cap Screw, 5/8"-11 x 9"                    |
| 3    | GD18628    | 2    | Short Tap Block                                     |
| 4    | GD18901    | 2    | Tap Block, Long                                     |
| 5    | GD24362    | 2    | Module Extension                                    |
| 6    | GD11963-01 | 4    | Spacer, 11/16"                                      |
| 7    | GD18013    | 1    | Bracket                                             |
| 8    | G10031     | 4    | Hex Head Cap Screw, 5/16"-18 x 1 3/4"               |
| 9    | G10133     | 4    | Hex Head Cap Screw, 5/16"-18 x 1 1/2"               |
| 10   | G10620     | 10   | Serrated Flange Nut, 5/16"-18                       |
| 11   | GA16351    | 1    | Planter Monitor Module                              |
| 12   | G10019     | 2    | Hex Head Cap Screw, 5/16"-18 x 1"                   |
| 13   | GA16352    | 1    | PMM Cable                                           |
| 14   | GA12655    | 1    | Implement Cable (16 Row)                            |
| 15   | GA7851     | 2    | Planter Harness W/Dust Caps, 12 Row (16 Connectors) |
| 16   | GA7853     | 1    | Junction Y-Harness W/Dust Cap                       |
| 17   | GA7854     | 1    | Extension Harness W/Dust Cap, 15'                   |
| 18   | GA14847    | 2    | Low Pressure Sensor (0-40 IN H2O)                   |
| 19   | GA12812    | 2    | Hall Effect Adapter                                 |
| 20   | GA12563    | 1    | Module Cover Assembly W/Lock Clamps                 |
| 21   | GA12694    | 1    | Shaft Sensor Mounting Kit                           |
| 22   | GA8135     | 1    | Shaft Rotation Kit                                  |



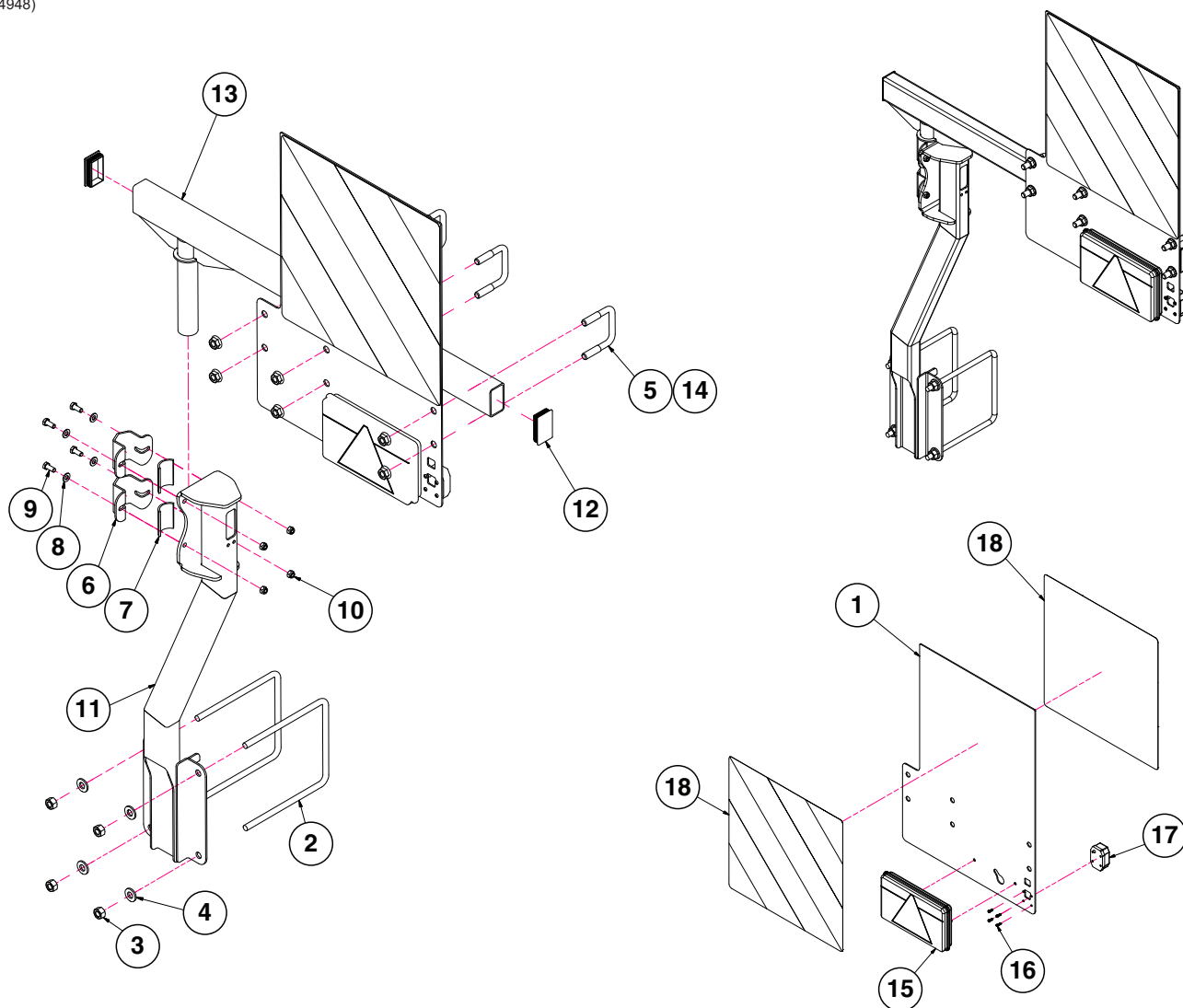
| ITEM | PART NO.  | QTY. | DESCRIPTION                                                  |
|------|-----------|------|--------------------------------------------------------------|
| 1    | G10201101 | 1    | GPS Kit, 7500 (Includes Antenna, Mounting Bracket and Cable) |
| 2    | G10254701 | 1    | GPS Dual Port Receiver                                       |
| 3    | GA21151   | 1    | GPS Antenna, 6000                                            |
| 4    | GA21152   | 1    | GPS Mounting Bracket                                         |
| 5    | GA20903   | 1    | GPS Cable, 6000                                              |
| A    | G9421X    | -    | GPS 6000 Antenna Package (Items 3-5)                         |

(A25587)



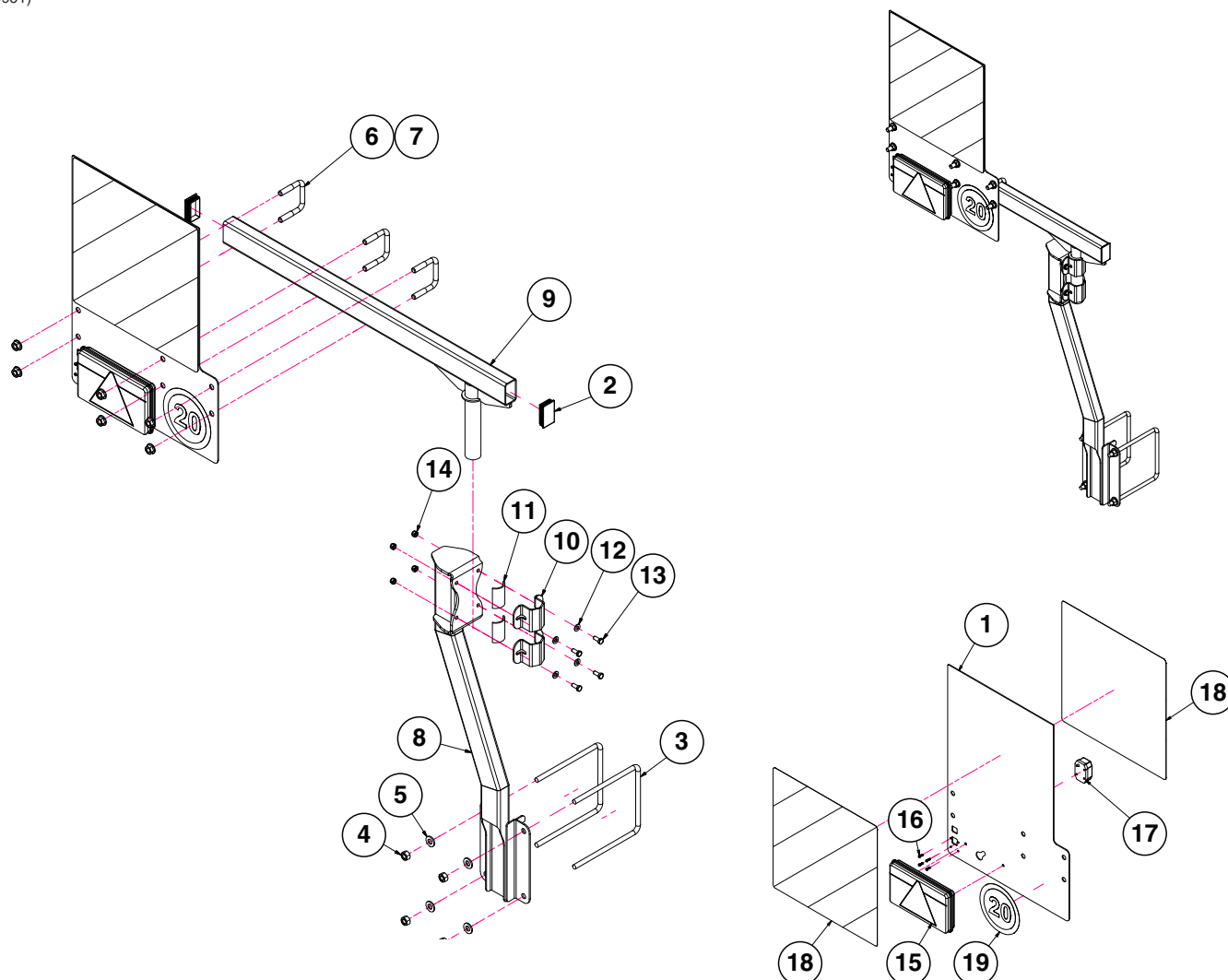
| ITEM | PART NO. | QTY. | DESCRIPTION                                   |
|------|----------|------|-----------------------------------------------|
| 1    | ---      | -    | <a href="#">See "Power Pack" on page P242</a> |
| 2    | G10001   | 6    | Hex Head Cap Screw, 3/8"-16 x 1"              |
|      | G11387   | 6    | Flat Washer, 3/8" SAE                         |
| 3    | GD25499  | 2    | U-Bolt, 8" x 16" x 3/4"-10                    |
|      | G11392   | 4    | Flat Washer, 3/4" SAE                         |
|      | G10112   | 4    | Lock Nut, 3/4"-10                             |
| 4    | GA26681  | 1    | Base Mount                                    |
|      | GD27019  | 1    | Power Pack Mount                              |
|      | G11387   | 4    | Hardened Washer, 3/8" SAE                     |
|      | G10003   | 4    | Hex Head Cap Screw, 3/8"-16 x 1 1/2"          |
|      | G10108   | 4    | Lock Nut, 3/8"-16                             |

(A24948)

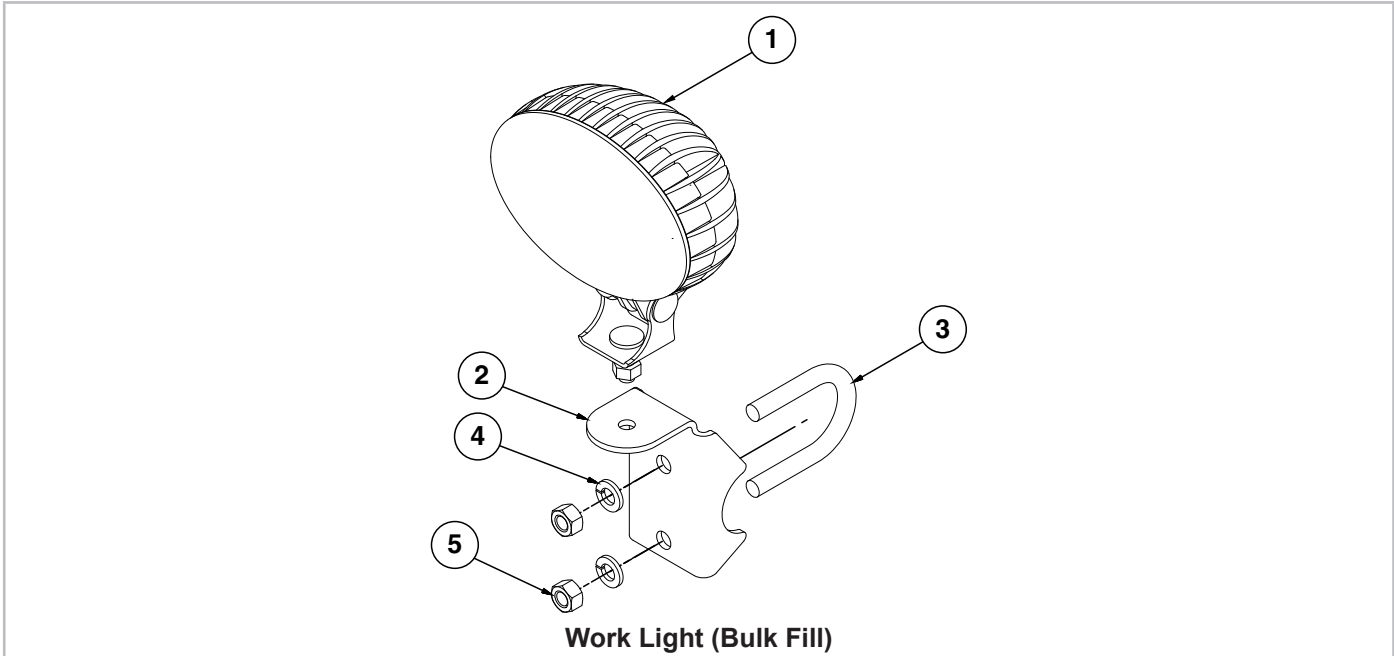


| ITEM | PART NO.  | QTY. | DESCRIPTION                                  |
|------|-----------|------|----------------------------------------------|
| 1    | D35713    | 1    | Light Bracket Mount                          |
| 2    | GD7145    | 2    | U-Bolt, 7" x 7" x 1/2"-13                    |
| 3    | G10102    | 4    | Hex Nut, 1/2"-13                             |
| 4    | G11389    | 4    | Flat Washer, 1/2" Plated SAE                 |
| 5    | GD13287   | 3    | U-Bolt, 1 1/2" x 2 1/2" x 1/2"-13            |
| 6    | GD34822   | 2    | Light Bracket Plate                          |
| 7    | GD34825   | 2    | Gasket Light Bracket                         |
| 8    | G11386    | 4    | Flat Washer, 5/16" SAE                       |
| 9    | G10043    | 4    | Hex Head Cap Screw, 5/16"-18 x 3/4"          |
| 10   | G10109    | 4    | Lock Nut, 5/16"-18, Grade 8                  |
| 11   | G10317401 | 1    | Light Arm, R.H.                              |
| 12   | G10252301 | 2    | Rectangular Plug, 2.5" x 1.5"                |
| 13   | G10315901 | 1    | Light Bracket                                |
| 14   | G10071    | 6    | Serrated Flange Nut, 1/2"-13                 |
| 15   | GA25774   | 1    | R.H. Stop/Break/Turn Light                   |
| 16   | G11556    | 4    | Phillips Pan Head Tapping Screw, 6-19 x 1/2" |
| 17   | GA25776   | 1    | Tail Light                                   |
| 18   | G7100-577 | 2    | Rectangular Reflective Decal                 |

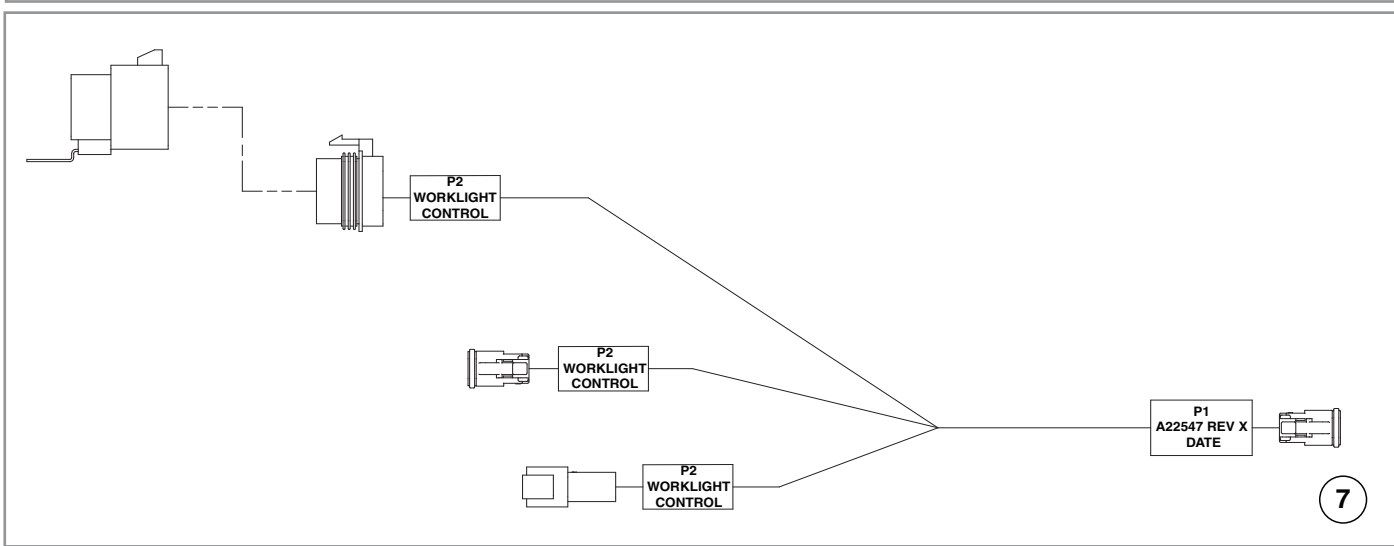
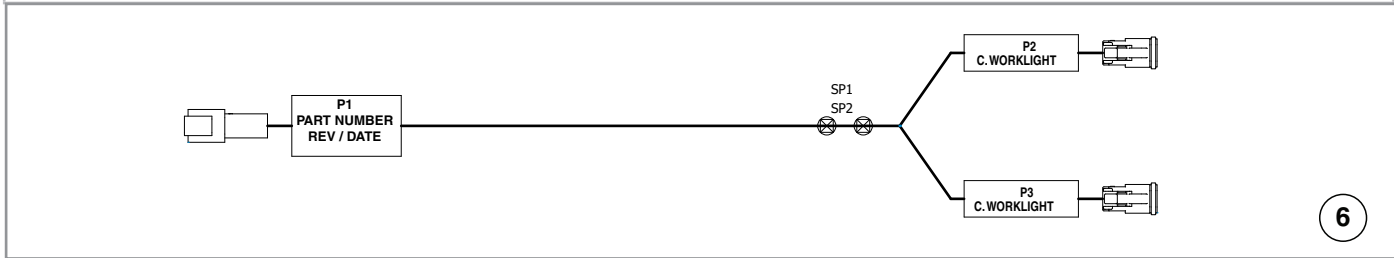
(A24951)



| ITEM | PART NO.  | QTY. | DESCRIPTION                                  |
|------|-----------|------|----------------------------------------------|
| 1    | GD35713   | 1    | Light Bracket Mount                          |
| 2    | G10252301 | 2    | Rectangular Plug, 2.5" x 1.5"                |
| 3    | GD7145    | 2    | U-Bolt, 7" x 7" x 1/2"-13                    |
| 4    | G10102    | 4    | Hex Nut, 1/2"-13                             |
| 5    | G11389    | 4    | Flat Washer, 1/2" Plated SAE                 |
| 6    | GD13287   | 3    | U-Bolt, 1 1/2" x 2 1/2" x 1/2"-13            |
| 7    | G10071    | 6    | Serrated Flange Nut, 1/2"-13                 |
| 8    | G10317501 | 1    | Light Arm, L.H.                              |
| 9    | G10315901 | 1    | Light Bracket                                |
| 10   | GD34822   | 2    | Light Bracket Plate                          |
| 11   | GD34825   | 2    | Gasket Light Bracket                         |
| 12   | G11386    | 4    | Flat Washer, 5/16" SAE                       |
| 13   | G10043    | 4    | Hex Head Cap Screw, 5/16"-18 x 3/4"          |
| 14   | G10109    | 4    | Lock Nut, 5/16"-18, Grade 8                  |
| 16   | G11556    | 4    | Phillips Pan Head Tapping Screw, 6-19 x 1/2" |
| 17   | GA25776   | 1    | Tail Light                                   |
| 18   | G7100-577 | 2    | Rectangular Reflective Decal                 |
| 19   | G7100-578 | 1    | Decal, 20 KM/H                               |

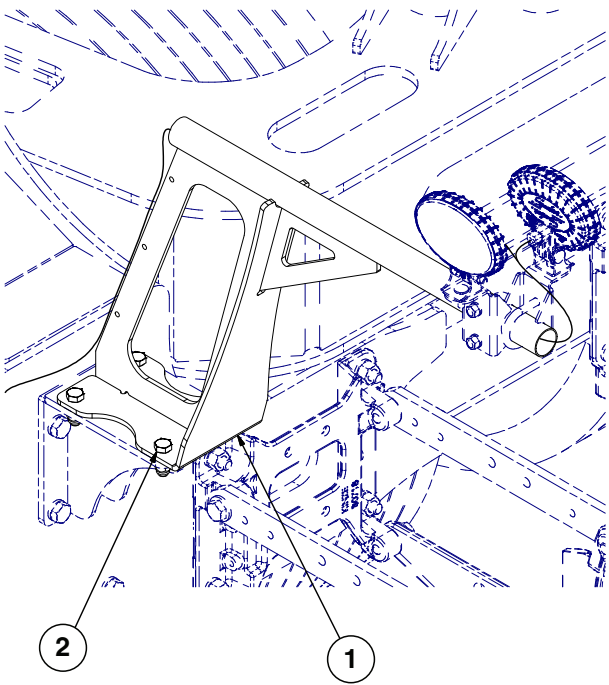


Work Light (Bulk Fill)



| ITEM | PART NO. | QTY. | DESCRIPTION         |
|------|----------|------|---------------------|
| 1    | GA18486  | -    | Work Light          |
| 2    | GD26989  | -    | Work Light Bracket  |
| 3    | GD27190  | -    | U-Bolt, 1½" x ⅜"-16 |
| 4    | G10229   | -    | Lock Washer, ⅜"     |
| 5    | G10101   | -    | Hex Nut, ⅜"-16      |
| 6    | GA25171  | -    | Worklight Harness   |
| 7    | GA22547  | -    | Worklight Harness   |

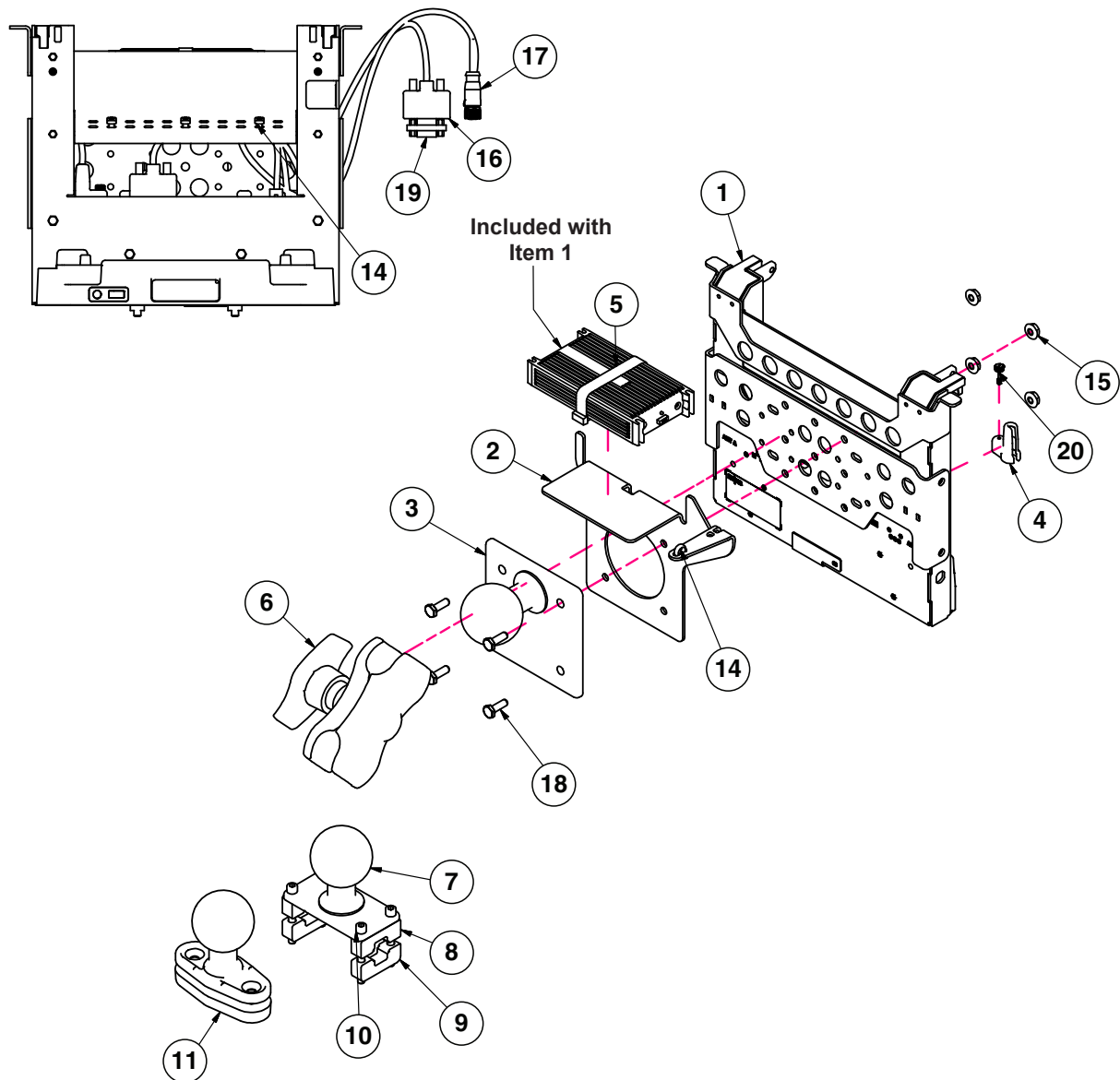
(A26159)



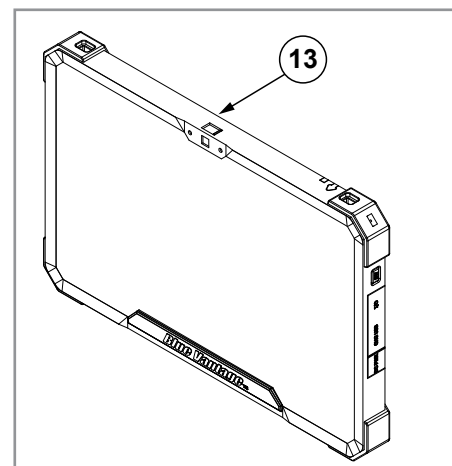
| ITEM | PART NO. | QTY. | DESCRIPTION                          |
|------|----------|------|--------------------------------------|
| 1    | GA26603  | 1    | Worklight Mount                      |
| 2    | G10017   | 4    | Hex Head Cap Screw, 1/2"-13 x 1 1/2" |
|      | G11389   | 4    | Flat Washer, 1/2" Plated SAE         |
|      | G10111   | 4    | Lock Nut, 1/2"-13                    |



(A25406/A25408)

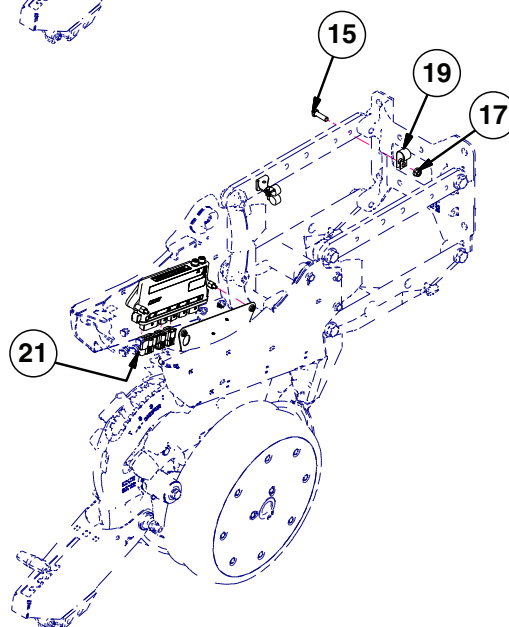
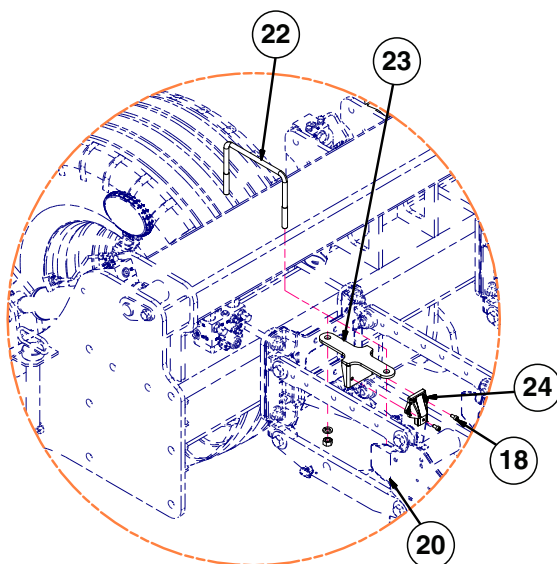
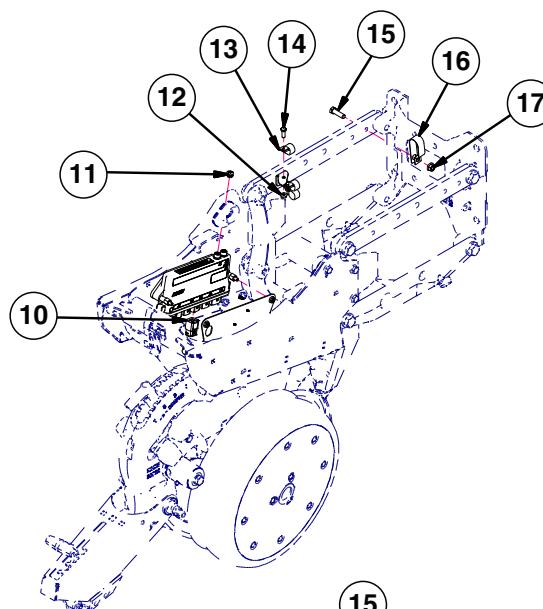
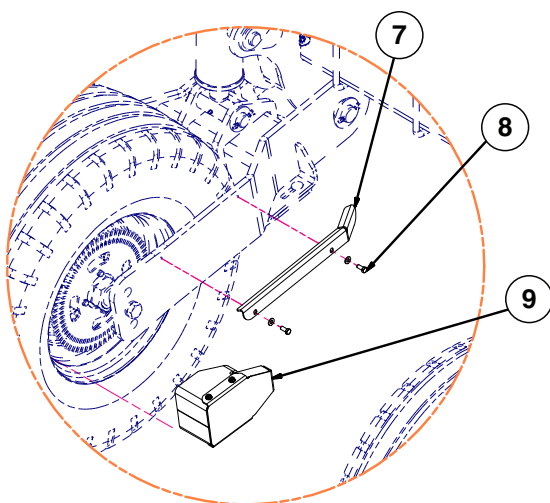
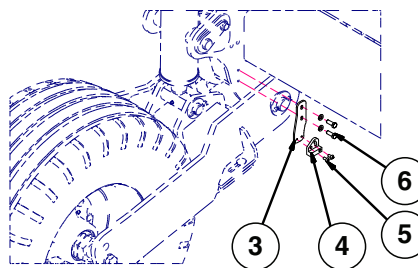
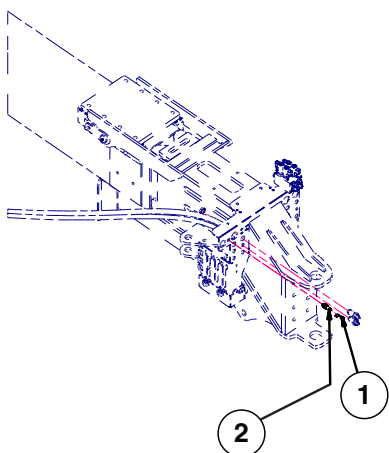
**12****GPS Interface Package Includes:**

- (1) GPS Installation Sheet
- (1) Meter Serial Ext. Cable
- (1) 1600 AgLeader GPS Cable
- (1) Trimble to Starfire Adapter Cable
- (1) M/M DB9 Serial Connector
- (1) F/F DB9 Serial Connector
- (1) Null Modem M/F DB9 Conector
- (1) GPS Harness



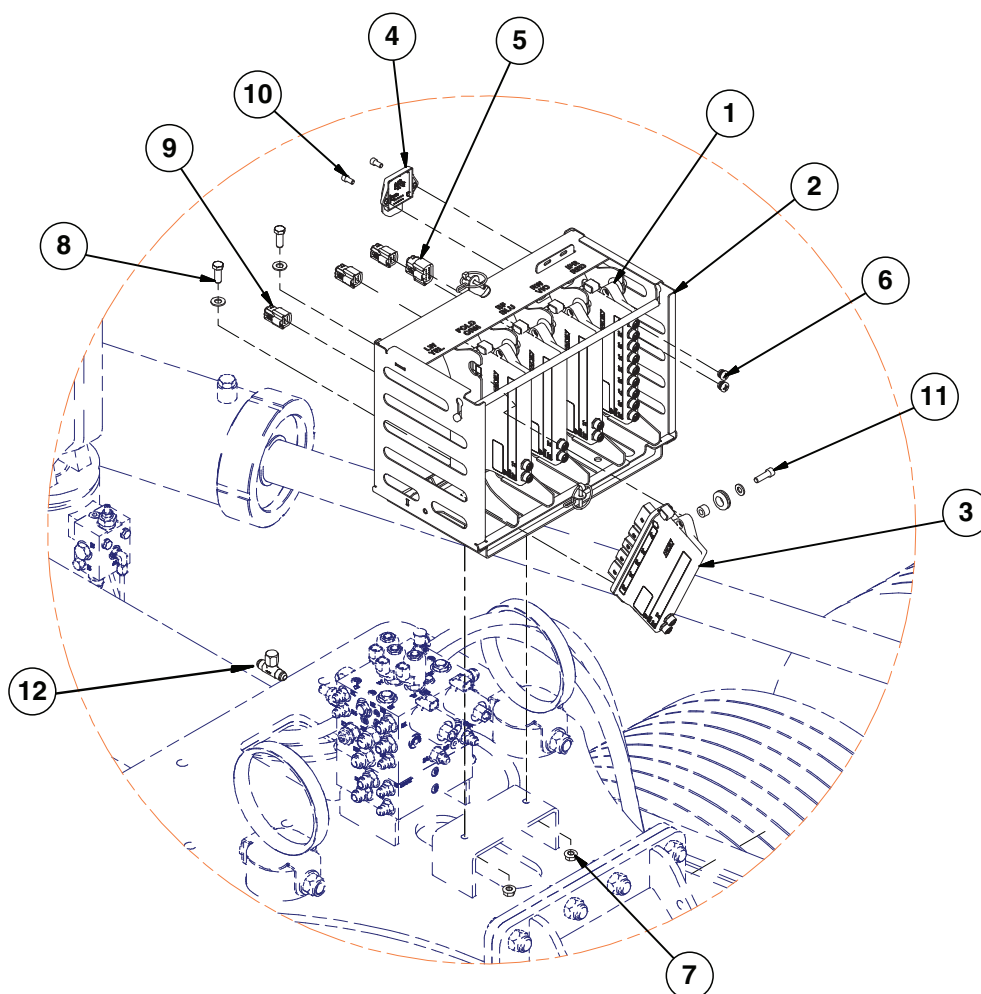
| ITEM | PART NO.   | QTY. | DESCRIPTION                               |
|------|------------|------|-------------------------------------------|
| 1    | GA24281    | 1    | Docking Station                           |
| 2    | GD35216    | 1    | Display Power Supply Mount                |
| 3    | GD33756    | 1    | Ram Ball, 2¼"                             |
| 4    | GD36723    | 1    | Havis Station Cord Retainer               |
| 5    | GD10544    | 1    | Cable Tie, 45-1/2"                        |
| 6    | GA24285    | 1    | Double Socket Ram Arm (Short)             |
| 7    | GD33757    | 1    | Ram Ball W/Plate, 2¼" Ball                |
| 8    | GD33758    | 2    | Ram Mount Clamp Block, Top                |
| 9    | GD33759    | 2    | Ram Mount Clamp Block, Bottom             |
| 10   | G11106     | 4    | Hex Socket Head Cap Screw, ¼"-20 x 2¼"    |
| 11   | GA24284    | 1    | Ram Ball W/Base, 2½" Ball                 |
| 12   | GA21143    | 1    | GPS Interface Package                     |
| 13   | G10243001  | 1    | Blue Vantage Display                      |
| 14   | GD1512     | 4    | Cable Tie, 7-1/2"                         |
| 15   | G10621     | 4    | Serrated Flange Nut, ¼"-20                |
| 16   | GA25437    | 1    | DB9 Cable F/F                             |
| 17   | GA25399-36 | 1    | Ethernet Cable (RJ45-Female M12 STR), 36" |
| 18   | G10023     | 4    | Hex Head Cap Screw, ¼"-20 x ¾"            |
| 19   | GD35465    | 1    | DB9 M/M Harness Adapter                   |
| 20   | GD36724    | 1    | Thumb Screw, 4-40 x 0.281                 |

(A25587)



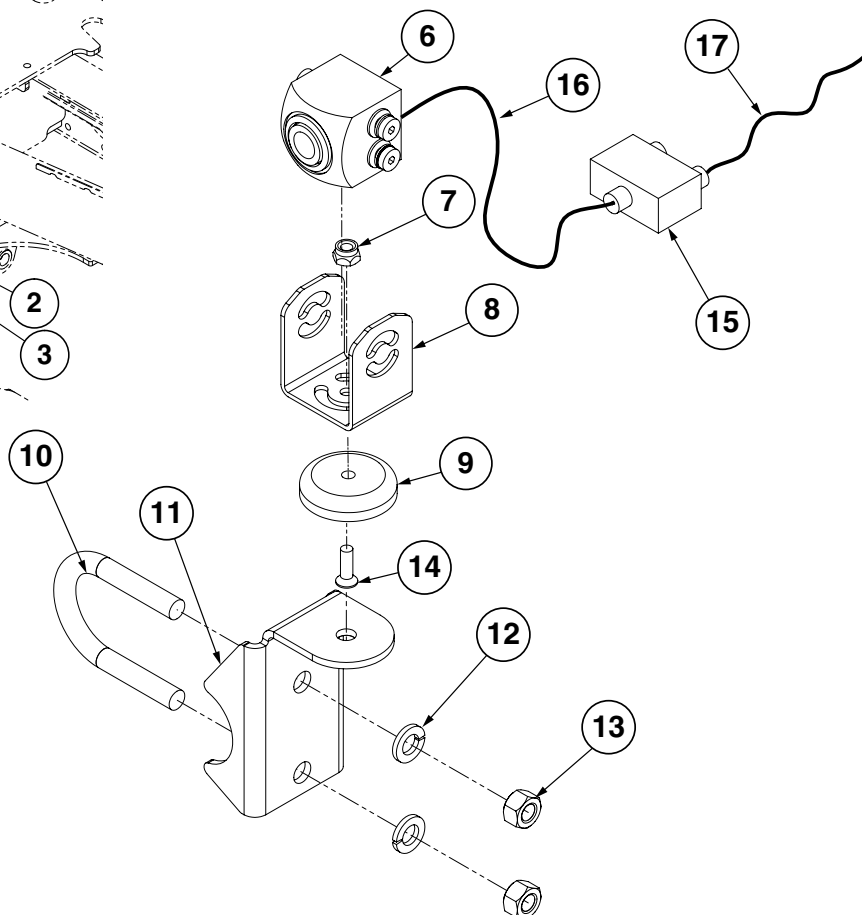
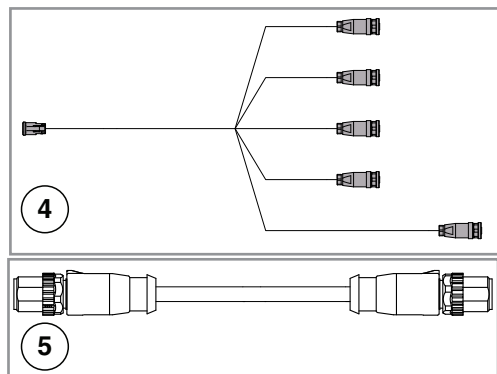
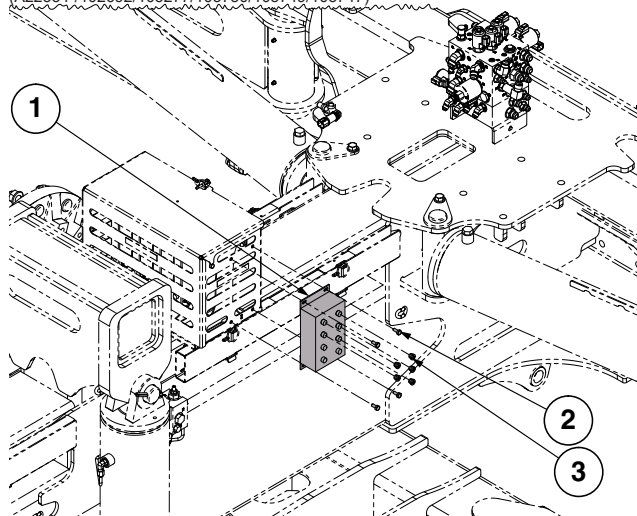
| ITEM | PART NO.  | QTY. | DESCRIPTION                                           |
|------|-----------|------|-------------------------------------------------------|
| 1    | GD35420   | 1    | M12 Ethernet Cap W/Chain                              |
| 2    | GA22585   | 1    | Bulkhead Female-Female M12 x 1"                       |
| 3    | G10248201 | 1    | Position Switch Mount                                 |
| 4    | GA18353   | 1    | Position Switch Magnetic Reed                         |
| 5    | G11345    | 1    | Phillips Pan Head Machine Screw, 1/4" x 1/2", Grade 2 |
| 6    | G10001    | 2    | Hex Head Cap Screw, 3/8"-16 x 1"                      |
|      | G10229    | 2    | Lock Washer, 3/8"                                     |
|      | G10108    | 2    | Lock Nut, 3/8"-16                                     |
| 7    | GD35885   | 1    | Cable Guard                                           |
| 8    | G10043    | 2    | Hex Head Cap Screw, 5/16"-18 x 3/4"                   |
|      | G11386    | 2    | Flat Washer, 5/16" SAE                                |
| 9    | G10013001 | 1    | Jump Start Bracket Assembly                           |
| 10   | GD35836   | 1    | Sealed Plug, MX150 2 X 4 Key B W/O CPA                |
| 11   | GD30726   | 1    | Cap, M12 Socket                                       |
| 12   | G10621    | 1    | Serrated Flange Nut, 1/4"-20                          |
| 13   | GD35913   | 1    | Insulated Clamp, 3/4"                                 |
| 14   | G10023    | 1    | Hex Head Cap Screw, 1/4"-20 x 3/4"                    |
| 15   | G10004    | 1    | Hex Head Cap Screw, 3/8"-16 x 1 1/4"                  |
| 16   | GD35449   | 1    | 1" Double Tube Clamp                                  |
| 17   | G10622    | 1    | Serrated Flange Nut, 3/8"-16                          |
| 18   | G10260    | 2    | Hex Socket Head Cap Screw, 1/4"-20 x 1/2"             |
| 19   | GD34779   | 1    | Insulated Clamp, 7/8"                                 |
| 20   | G10102    | 2    | Hex Nut, 1/2"-13                                      |
|      | G10228    | 2    | Lock Washer, 1/2"                                     |
| 21   | GD35836   | 1    | Sealed Plug, MX150, 2 x 4, Key B W/CPA                |
|      | GD35837   | 1    | Sealed Plug, MX150, 2 x 3, Key A W/CPA                |
|      | GD35838   | 1    | Sealed Plug, MX150, 2 x 10, Key A W/CPA               |
| 22   | GD11132   | 2    | U-Bolt, 4" x 7" x 1/2"-13                             |
| 23   | GA25976   | 2    | IPP Wing Mount                                        |
| 24   | GA687     | 2    | IPP Module Assembly                                   |

(A25587)



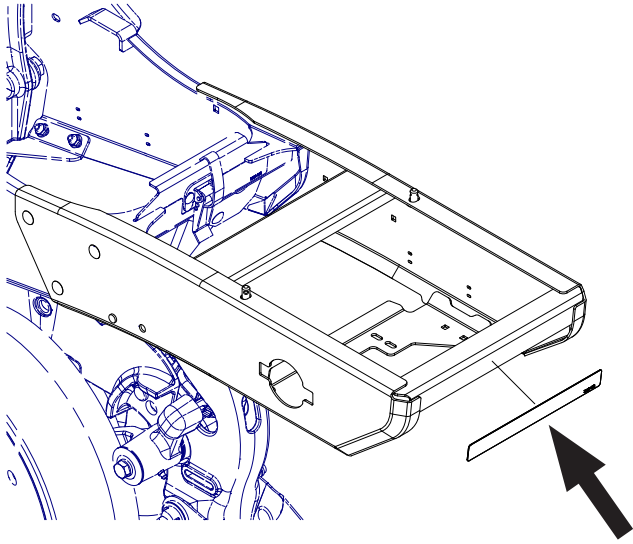
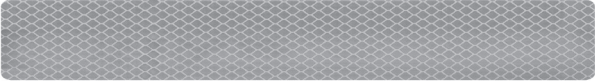
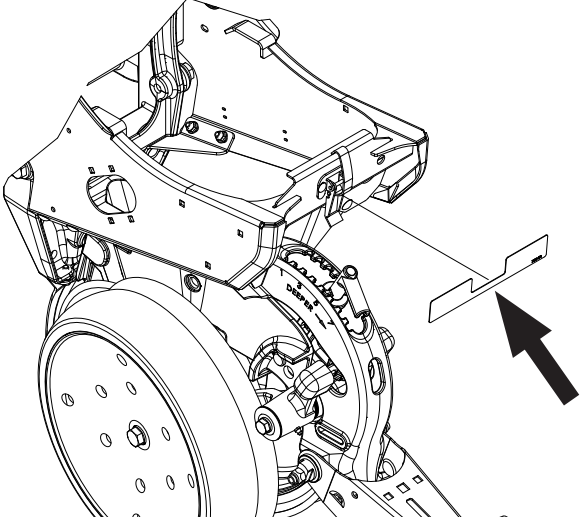
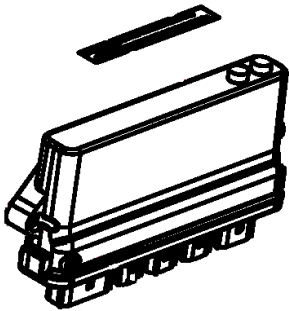
| ITEM | PART NO. | QTY. | DESCRIPTION                                                                                          |
|------|----------|------|------------------------------------------------------------------------------------------------------|
| 1    | GA25950  | 1    | IPR Module Assembly<br><a href="#">See "Ethernet Interconnect Electrical Schematic" on page P240</a> |
| 2    | GA25963  | 1    | AUX IPN Mount Assembly                                                                               |
| 3    | GA25949  | 4    | IPN Module Assembly                                                                                  |
| 4    | GA21687  | 3    | IPP Module Assembly                                                                                  |
| 5    | GD35574  | 1    | 12-Pin Receptacle, 2 x 6 Cap, Key B W/CPA                                                            |
| 6    | GD30726  | 2    | Socket Dust Cover, M12                                                                               |
| 7    | G10622   | 2    | Serrated Flange Nut, 3/8"-16                                                                         |
| 8    | G10001   | 2    | Hex Head Cap Screw, 3/8"-16 x 1"                                                                     |
|      | G11387   | 2    | Flat Washer, 3/8" SAE                                                                                |
| 9    | GD35837  | 3    | Sealed Plug, MX150, 2 x 3, Key A W/CPA                                                               |
| 10   | G10260   | 2    | Hex Socket Head Cap Screw, 1/4"-20 x 1/2"                                                            |
| 11   | GD35868  | 5    | Grommet, 5/8" I.D. x 1-1/8" O.D.                                                                     |
|      | GD35872  | 5    | Aluminum Spacer, 5/8" O.D. x .319" I.D. x 3/8"                                                       |
|      | G10912   | 5    | Hex Socket Head Cap Screw, 5/16"-18 x 1", Grade 8                                                    |
|      | G11386   | 5    | Flat Washer, 5/16" SAE                                                                               |
| 12   | G2603-06 | 1    | Tee, 9/16"-18 Male JIC                                                                               |
|      | G304-C-6 | 1    | Cap Nut, 9/16"-18                                                                                    |

(A22554-102692/103277/103750/103749/103747)

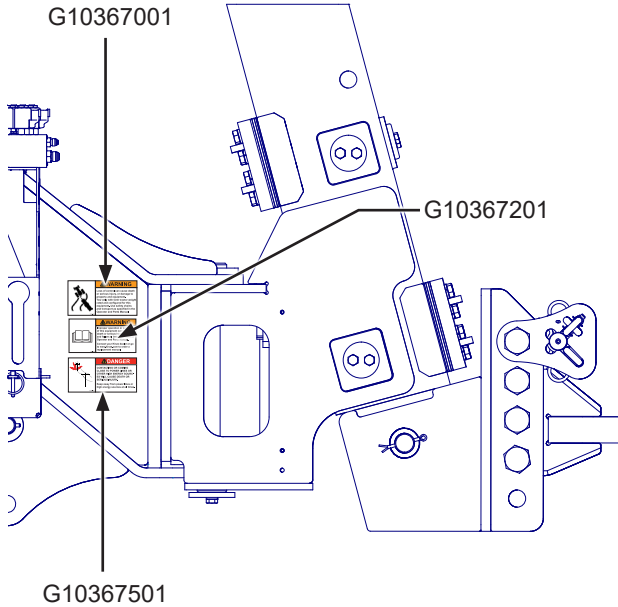
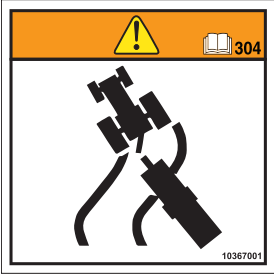
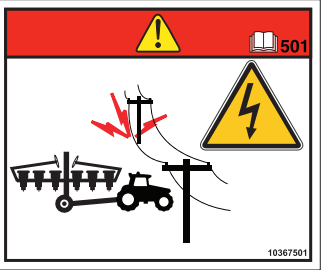


| ITEM | PART NO.    | QTY. | DESCRIPTION                                                         |
|------|-------------|------|---------------------------------------------------------------------|
| 1    | G10375201   | 1    | Ethernet Switch                                                     |
| 2    | G10020      | 4    | Hex Head Cap Screw, 1/4"-20 x 5/8"                                  |
| 3    | GD30726     | 5    | Socket Dust Cover, M12                                              |
| 4    | G10263201   | 1    | Camera Power Harness                                                |
| 5    | GA22554-36  | 1    | Ethernet Cable (M12 STR-M12 STR), 36"                               |
| 6    | 10327501    | 1    | Camera ( <b>Not available as a spare part, order G10327701</b> )    |
| 7    | G11616      | 1    | Hex Nylon Lock Nut, No. 10-24, Grade 2                              |
| 8    | G10327301   | 1    | Camera Bracket                                                      |
| 9    | G10327601   | 1    | Camera Magnet                                                       |
| 10   | GD27190     | 1    | U-Bolt, 1-1/2" x 3/8"-16                                            |
| 11   | GD26989     | 1    | Work Light Bracket                                                  |
| 12   | G10229      | 2    | Lock Washer, 3/8"                                                   |
| 13   | G10101      | 2    | Hex Nut, 3/8"-16                                                    |
| 14   | G11068      | 1    | Phillips Flat Head Machine Screw, No. 10-24 x 5/8", Stainless Steel |
| 15   | G10375101   | 1    | Ethernet Power Injector                                             |
| 16   | GA22554-360 | 1    | Ethernet Cable (M12 STR-M12 STR), 360"                              |
| 17   | GA22554-20  | 1    | Ethernet Cable (M12 STR-M12 STR), 20"                               |

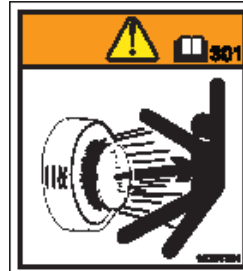
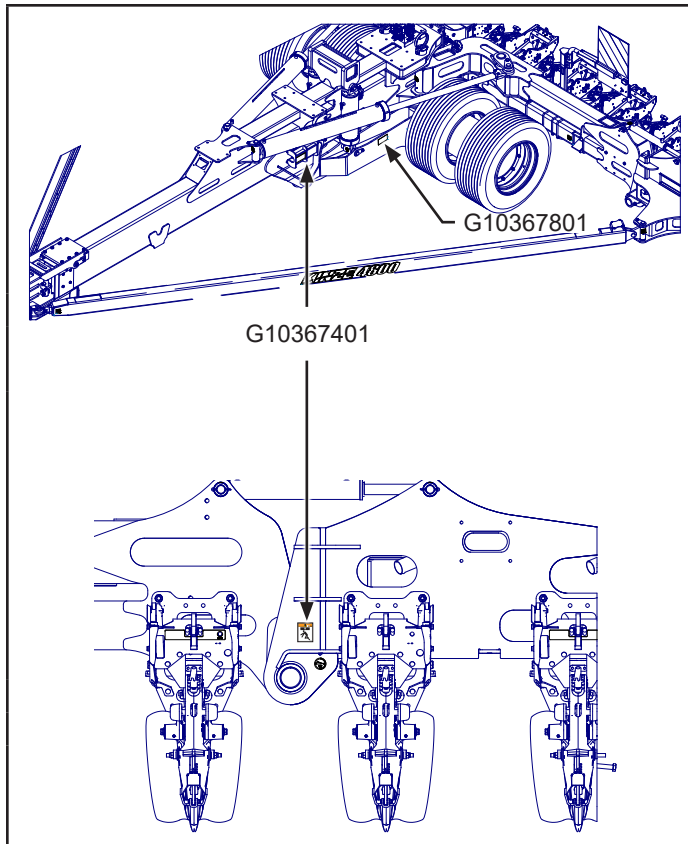
|   |           |   |                                 |
|---|-----------|---|---------------------------------|
| A | G10327701 | - | Camera Assembly (Items 6-9, 14) |
|---|-----------|---|---------------------------------|

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |  <p>Part No.: G7100-481<br/>Description: Reflective Decal, Red, 1" x 9", Rectangular<br/>Quantity: 2 (Outside-Center Row Units)</p> <p>Part No.: G7100-482<br/>Description: Reflective Decal, Amber, 1" x 9", Rectangular<br/>Quantity: 1 Per Row (Located On The Granular Chemical Hopper Panel Of Every Other Row Unit Beginning On The R.H. Side Of The Planter)</p> <p>Part No.: G7100-483<br/>Description: Reflective Decal, Orange-Red, 1" x 9", Rectangular<br/>Quantity: 2 (Inside-Center Row Units)</p> |
|   |  <p>Part No.: G7100-474<br/>Description: Reflective Decal, Amber, 1½" x 9", Die-Cut<br/>Quantity: Located on Row Units No. 2, 4, 6, 8, 14, 16, 18, 20, 22, and 24</p> <p>Part No.: G7100-476<br/>Description: Reflective Decal, Orange, 1½" x 9", Die-Cut<br/>Quantity: 2 (Inside-Center Row Units - Row Units No. 11 and 12)</p> <p>Part No.: G7100-477<br/>Description: Reflective Decal, Red, 1½" x 9", Die-Cut<br/>Quantity: 2 (Outside-Center Row Units - Row Units No. 10 and 13)</p>                      |
|  |  <p>Part No.: G10371001<br/>Description: Decal, Meter Wire<br/>Quantity: 1</p>                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|   | <p>Part No.: G10227101<br/>Description: Kinze 4805 Blue Drive Decal, 5" x 48.53"<br/>Quantity: 2 (1 On Each Side Of Draft Link)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|   | <p>Part No.: G10227301<br/>Description: Kinze 4805 Decal, 4" x 28.25"<br/>Quantity: 2 (1 On Each Side Of Draft Link)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |



|                                                                                                                                       |                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
|                                                      | <p>Part No.: G10227401</p> <p>Description: Kinze 4805 Stub Wing Decal, 4" x 16.25"</p> <p>Quantity: 2 (1 On Each Wing)</p>            |
|                                                      | <p>Part No.: G10227201</p> <p>Description: Kinze 4805 Blue Drive Stub Wing Decal, 5.15" x 24"</p> <p>Quantity: 2 (1 On Each Wing)</p> |
|  <p>G10367001</p> <p>G10367201</p> <p>G10367501</p> |                                                    |
|                                                                                                                                       | <p>Part No.: G10367001</p> <p>Description: Decal, Warning (2021 Production and on)</p> <p>Quantity: 1</p>                             |
|                                                                                                                                       |                                                   |
|                                                                                                                                       | <p>Part No.: G10367201</p> <p>Description: Decal, Warning (2021 Production and on)</p> <p>Quantity: 1</p>                             |
|                                                                                                                                       |                                                  |
|                                                                                                                                       | <p>Part No.: G10367501</p> <p>Description: Decal, Danger (2021 Production and on)</p> <p>Quantity: 1</p>                              |





Part No.: G10367801

Description: Decal, Warning

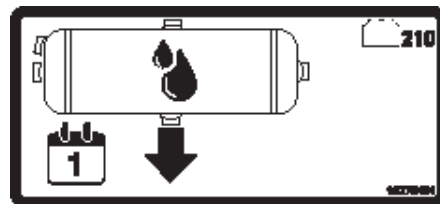
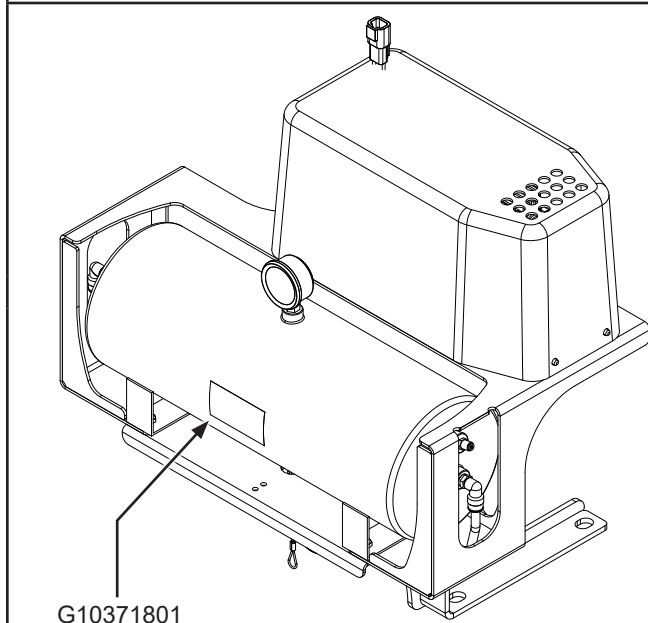
Quantity: 2 (Per Tire - Ground Drive Tires)



Part No.: G10367401

Description: Decal, Crush Warning (2021 Production and on)

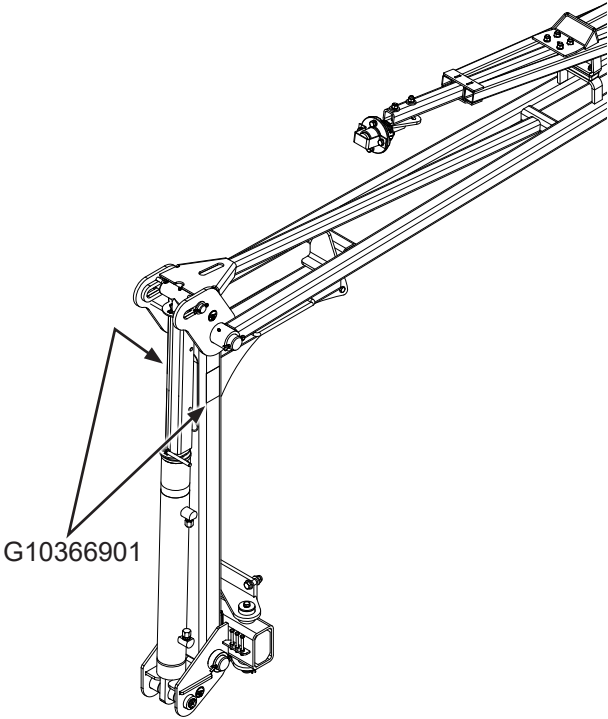
Quantity: 1 (Per Contact Wheel Assembly)

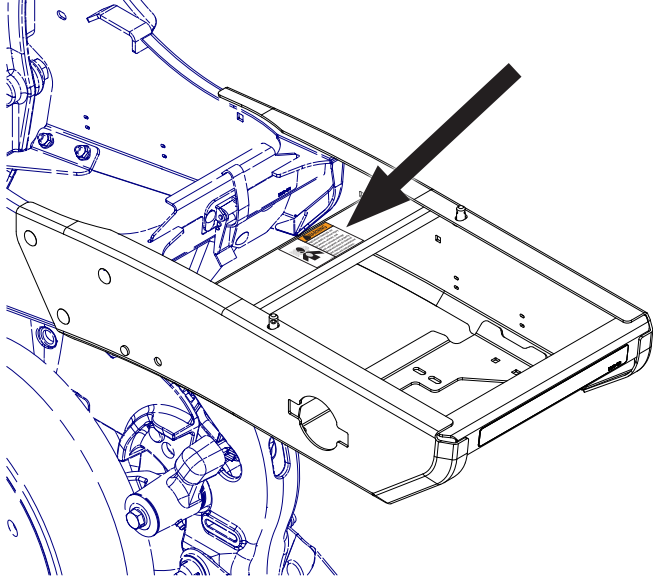
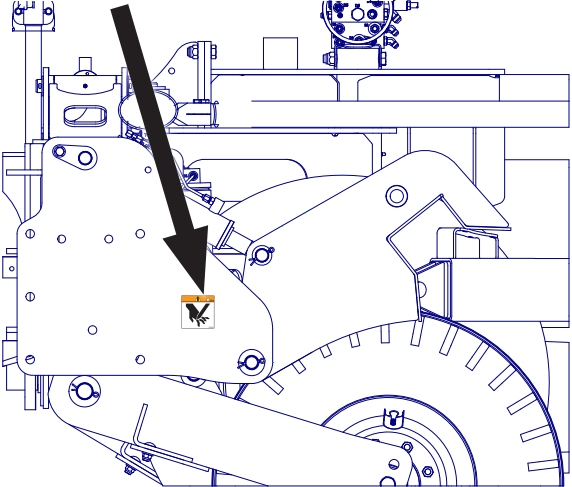


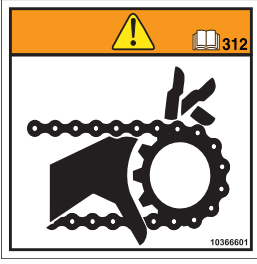
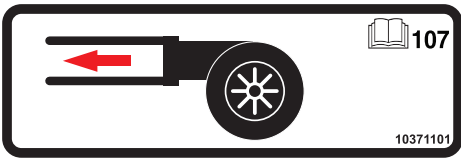
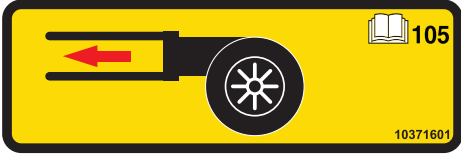
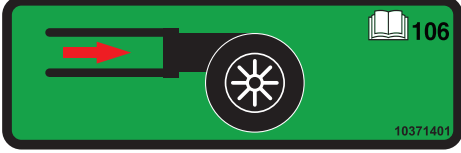
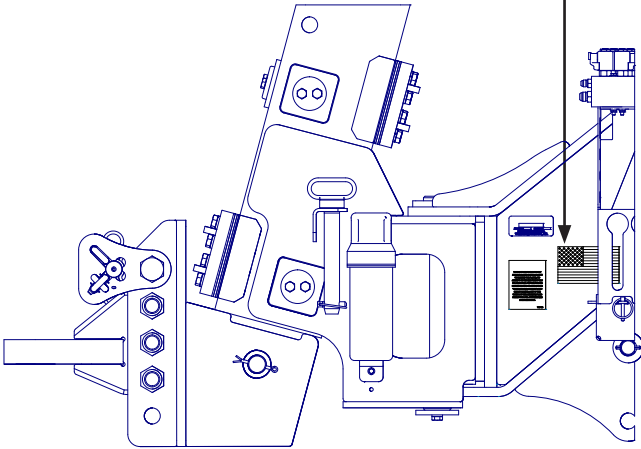
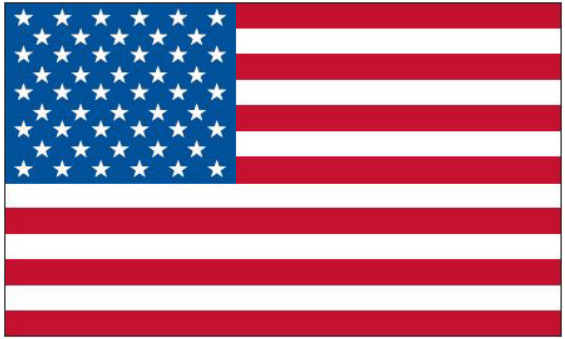
Part No.: G10371801

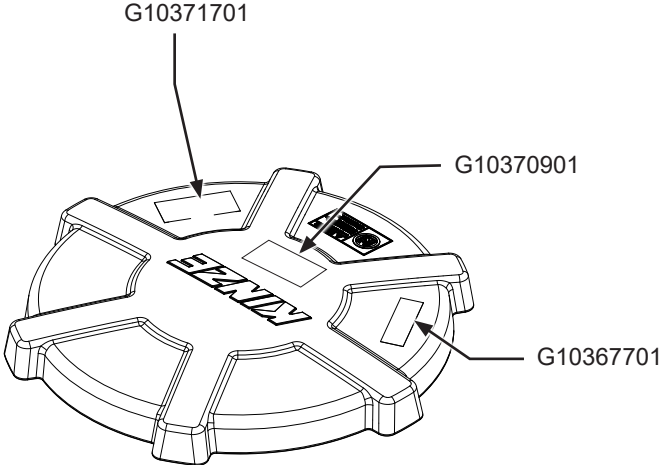
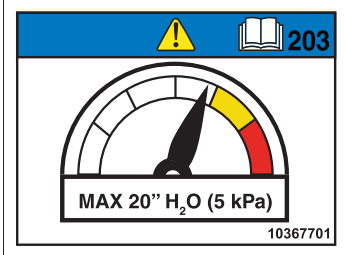
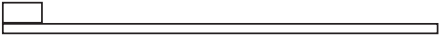
Description: Decal, Tank Drain

Quantity: 1 (Located In Center Of Air Tank)

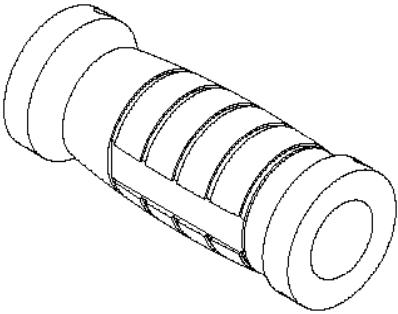
|                                                                                                    |                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>G10366901</p> |  <p>Part No.: G10366901<br/>Description: Decal, Warning (2021 Production and on)<br/>Quantity: 1 (Per Row Marker Cylinder - Conventional)<br/>4 (2 Per Row Marker)</p> |
|                  | <p>Part No.: G10371201<br/>Description: Decal, Warning (2021 Production and on)<br/>Quantity: -</p>                                                                                                                                                       |
|                 | <p>Part No.: G10367401<br/>Description: Decal, Crush Warning (2021 Production and on)<br/>Quantity: 1 (Per Contact Wheel Assembly)</p>                                                                                                                    |
|                 | <p>Part No.: G7100-36<br/>Description: SMV Sign<br/>Quantity: 1</p>                                                                                                                                                                                       |
|                                                                                                    | <p>Part No.: GD27204<br/>Description: SMV Backer Plate<br/>Quantity: 1</p>                                                                                                                                                                                |
|                                                                                                    | <p>Part No.: G10305<br/>Description: Carriage Bolt, 3/8"-16 x 1"<br/>Quantity: 2</p>                                                                                                                                                                      |
|                                                                                                    | <p>Part No.: G11389<br/>Description: Flat Washer, 1/2" Plated SAE<br/>Quantity: 2</p>                                                                                                                                                                     |

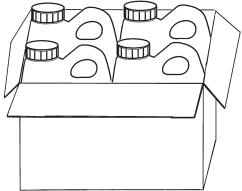
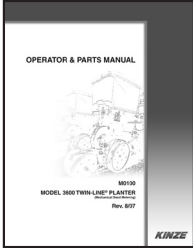
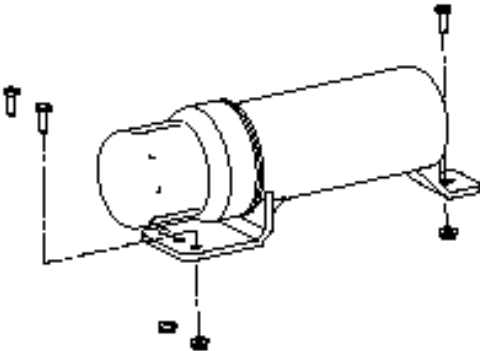
|                                                                                     |                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p>Part No.: G7100-577<br/>Description: Reflective Decal</p>                                                                                                                                                                                                                                                                     |
|   | <div data-bbox="1019 562 1240 835"><p>10367601</p></div> <p>Part No.: G10367601<br/>Description: Decal, Chemical Warning (2021 Production and on)<br/>Quantity: 1 (1 Per Row Unit - Located On Underside Of Granular Chemical Hopper Lid)</p> |
|  | <div data-bbox="1008 1163 1263 1423"><p>10366401</p></div> <p>Part No.: G10366401<br/>Description: Decal, Warning<br/>Quantity: 2 (1 Located On Each End Of Planter)</p>                                                                    |
|  | <p>Part No.: G10367101<br/>Description: Decal, Caution<br/>Quantity: 4 (One On Each Side Of Fan)</p>                                                                                                                                                                                                                             |

|                                                                                                      |                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | <p>Part No.: G10366601<br/>Description: Decal, Warning<br/>Quantity: 1 Per Wheel Module</p>                                                                           |
|                     | <p>Part No.: G10371101<br/>Description: Bulk Dry Fertilizer Decal</p>                                                                                                 |
|                     | <p>Part No.: G10371601<br/>Description: Bulk Fill Decal</p>                                                                                                           |
|                    | <p>Part No.: G10371401<br/>Description: Vacuum Decal</p>                                                                                                              |
| <p>G7100-484</p>  |  <p>Part No.: G7100-484<br/>Description: Decal, American Flag<br/>Quantity: 1</p> |
|                   | <p>Part No.: G7100-578<br/>Description: 20 KM/H Decal</p>                                                                                                             |

|                                                                                            |                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |                                                                                                                                                |
| <p>Part No.: 10371701<br/>Description: Decal, Warning<br/>Quantity: 2 (1 Per Tank Lid)</p> |                                                                                                                                               |
| <p>Part No.: G10370901<br/>Description: Decal, Notice<br/>Quantity: 2 (1 Per Tank Lid)</p> |                                                                                                                                              |
| <p>Part No.: G10367701<br/>Description: Decal, Notice<br/>Quantity: 2 (1 Per Tank Lid)</p> | <p>Part No.: GD1162<br/>Description: Tie Strap, 28"</p> <p>Part No.: GD1512<br/>Description: Tie Strap, 7½"</p> <p>Part No.: GD2117<br/>Description: Tie Strap, 14½"</p> <p>Part No.: GD2984<br/>Description: Tie Strap, 34"</p> |
|         | <p>Part No.: G10370701<br/>Description: Shipping Tie Down Decal</p>                                                                                                                                                              |
|         |                                                                                                                                                                                                                                  |

|                                                                                     |                                                                                               |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|    | <p>Part No.: G10370601<br/>Description: Lift Area Decal</p>                                   |
|   | <p>Part No.: G10368201<br/>Description: Decal, Oil/Grease Daily (2021 Production and on)</p>  |
|  | <p>Part No.: G10371501<br/>Description: Decal, Oil/Grease Weekly (2021 Production and on)</p> |

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p>Part No.: GA26924-01<br/>Description: Hose Label Cover, Red, Extend</p> <p>Part No.: GA26924-02<br/>Description: Hose Label Cover, Red, Retract</p> <p>Part No.: GA26924-03<br/>Description: Hose Label Cover, Blue, Extend</p> <p>Part No.: GA26924-04<br/>Description: Hose Label Cover, Blue, Retract</p> <p>Part No.: GA26924-05<br/>Description: Hose Label Cover, Green, Extend</p> <p>Part No.: GA26924-06<br/>Description: Hose Label Cover, Green, Retract</p> <p>Part No.: GA26924-07<br/>Description: Hose Label Cover, Yellow, Extend</p> <p>Part No.: GA26924-08<br/>Description: Hose Label Cover, Yellow, Retract</p> <p>Part No.: GA26924-09<br/>Description: Hose Label Cover, White, Extend</p> <p>Part No.: GA26924-10<br/>Description: Hose Label Cover, White, Retract</p> <p>Part No.: GA26924-11<br/>Description: Hose Label Cover, Orange, Retract</p> |
|  | <p>Part No.: GR2127MPP<br/>Description: Blue Paint, Twelve Aerosol Cans</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|  | <p>Part No.: GR0146MPP<br/>Description: Powdered Graphite, Twenty-Four 1 Pound Containers</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|  | <p>Part No.: GR1570MPP<br/>Description: Talc Lubricant, Four 8 Pound Containers</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

|                                                                                     |                                                                                                                                                                  |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p>Part No.: GR1842MPP<br/>Description: Graphite Lubricant, Four 5 Pound Containers</p>                                                                          |
|    | <p>Part No.: GR2240MPP<br/>Description: Talc/Graphite Blend (80 Talc/20 Graphite),<br/>Four 8 Pound Containers</p>                                               |
|    | <p>Part No.: GR2241MPP<br/>Description: Dispensing Cap, 10/Package</p>                                                                                           |
|   | <p>Part No.: English version- GM0314-01<br/>Russian version- GM0314-01RUS<br/>Ukrainian version- GM0314-01UKR<br/>Description: Operator's Manual, Model 4805</p> |
|                                                                                     | <p>Part No.: GM0314-02<br/>Description: Parts Manual, Model 4805</p>                                                                                             |
|                                                                                     | <p>Part No.: GPR1094<br/>Description: Binder (Contact Kinze Parts To Order)</p>                                                                                  |
|  | <p>Part No.: GA15422<br/>Description: Operator's Manual Canister<br/>Quantity: 1</p>                                                                             |
|                                                                                     | <p>Part No.: G11166<br/>Description: Hex Socket Flange Cap Screw, 1/4"-20 x 3/4"<br/>Quantity: 3</p>                                                             |
|                                                                                     | <p>Part No.: G11320<br/>Description: Lock Nut, 1/4"-20<br/>Quantity: 3</p>                                                                                       |



| Part No.         | Page | Part No.          | Page | Part No.         | Page | Part No.         | Page |
|------------------|------|-------------------|------|------------------|------|------------------|------|
| 10327501.....    | P261 | *A15081-310.....  | P200 | *A25691-287..... | P200 | *D12274.....     | P209 |
| 10342301.....    | P212 | *A15096-20.....   | P200 | *A25691-365..... | P196 | *D12274.....     | P211 |
| *A1073.....      | P173 | *A15097-53.....   | P137 | *A25692-118..... | P196 | *D12274.....     | P213 |
| *A1073.....      | P200 | *A18629-88.....   | P200 | *A25693-242..... | P196 | *D12280.....     | P202 |
| *A1073.....      | P200 | *A18629-390.....  | P200 | *A25696-101..... | P61  | *D12281.....     | P205 |
| *A3387.....      | P200 | *A18630-41.....   | P196 | *A25697-120..... | P173 | D13169.....      | P207 |
| *A7678-17.....   | P196 | *A18630-53.....   | P196 | *A25697-120..... | P201 | *D17150-09.....  | P125 |
| *A7678-19.....   | P196 | *A18630-200.....  | P196 | *A25703-115..... | P173 | *D17150-09.....  | P127 |
| *A7679-24.....   | P196 | *A18630-215.....  | P173 | *A25704-128..... | P200 | **D17150-16..... | P131 |
| *A7679-32.....   | P196 | *A18630-215.....  | P200 | *A25704-242..... | P173 | **D17150-16..... | P133 |
| *A7683-24.....   | P196 | *A18630-240.....  | P200 | *A25704-242..... | P196 | **D17151-12..... | P127 |
| *A7684-43.....   | P196 | *A18630-272.....  | P196 | *A25704-242..... | P200 | **D17151-17..... | P125 |
| *A7684-112.....  | P61  | *A18630-309.....  | P201 | *A25704-270..... | P201 | *D19756-79.....  | P151 |
| *A11481-200..... | P196 | *A18671-20.....   | P200 | *A26938-115..... | P200 | *D23387.....     | P206 |
| *A11481-203..... | P196 | *A18671-20.....   | P201 | *A26938-115..... | P237 | *D23387.....     | P211 |
| *A11481-217..... | P173 | *A18671-105.....  | P201 | *A27230-92.....  | P61  | *D23389.....     | P206 |
| *A11481-217..... | P200 | *A18674-36.....   | P200 | *D12055.....     | P212 | *D23389.....     | P211 |
| *A11481-284..... | P200 | *A18674-415.....  | P200 | *D12055.....     | P213 | *D23390.....     | P206 |
| *A11481-309..... | P201 | *A18686-482.....  | P200 | *D12088.....     | P202 | *D23390.....     | P211 |
| *A11810-102..... | P200 | *A18692-115.....  | P196 | *D12103.....     | P202 | *D23424.....     | P212 |
| *A12011.....     | P196 | *A18692-115.....  | P200 | *D12120.....     | P205 | *D23424.....     | P213 |
| *A12701.....     | P200 | *A18692-115.....  | P200 | *D12121.....     | P205 | *D29649.....     | P209 |
| *A12935-250..... | P200 | *A18692-115.....  | P200 | *D12134.....     | P209 | *D30399.....     | P212 |
| *A12935-262..... | P200 | *A18692-115.....  | P237 | *D12137.....     | P205 | *D30399.....     | P213 |
| *A12935-309..... | P200 | *A21525-270.....  | P201 | *D12137.....     | P206 | *D30432.....     | P205 |
| *A12935-309..... | P200 | *A21533-13.5..... | P200 | *D12137.....     | P211 | *D30432.....     | P206 |
| *A12992-115..... | P61  | *A21533-13.5..... | P200 | *D12200.....     | P209 | *D30432.....     | P211 |
| *A13818.....     | P80  | *A21533-26.....   | P200 | *D12206.....     | P202 | *D34639.....     | P211 |
| *A13819.....     | P80  | *A21533-30.....   | P200 | *D12206.....     | P212 | *D34654.....     | P209 |
| *A13834.....     | P80  | *A21536-242.....  | P196 | *D12206.....     | P213 | D34924.....      | P89  |
| *A13840.....     | P80  | *A21536-242.....  | P200 | *D12212.....     | P212 | D35713.....      | P252 |
| *A13855.....     | P80  | *A21542-105.....  | P201 | *D12212.....     | P213 | G1K345.....      | P23  |
| *A13856.....     | P80  | *A21545-114.....  | P196 | *D12213.....     | P212 | G1K378.....      | P121 |
| *A13857.....     | P80  | *A21546-115.....  | P196 | *D12213.....     | P213 | G1K379.....      | P121 |
| *A13858.....     | P80  | *A21546-115.....  | P200 | *D12221.....     | P205 | G1K728.....      | P36  |
| *A13859.....     | P80  | *A21546-115.....  | P237 | *D12222.....     | P205 | G1K760.....      | P5   |
| *A13860.....     | P80  | *A21550-115.....  | P200 | *D12231.....     | P202 | G304-C-04.....   | P143 |
| *A13861.....     | P80  | *A24473.....      | P212 | *D12232.....     | P202 | G304-C-04.....   | P213 |
| *A13870-110..... | P80  | *A24473.....      | P213 | *D12239.....     | P205 | G304-C-06.....   | P57  |
| *A13870-271..... | P80  | *A24781.....      | P206 | *D12245.....     | P202 | G304-C-06.....   | P61  |
| *A13870-299..... | P80  | *A24781.....      | P211 | *D12252.....     | P202 | G304-C-6.....    | P137 |
| *A15035-18.....  | P196 | *A24796.....      | P209 | *D12252.....     | P212 | G304-C-06.....   | P232 |
| *A15035-21.....  | P196 | *A25504-120.....  | P173 | *D12252.....     | P213 | G304-C-6.....    | P260 |
| *A15035-74.....  | P196 | *A25504-120.....  | P201 | *D12253.....     | P209 | G304-C-8.....    | P57  |
| *A15035-74.....  | P196 | *A25691-23.....   | P103 | *D12263.....     | P205 | G304-C-8.....    | P61  |
| *A15035-77.....  | P196 | *A25691-23.....   | P201 | *D12263.....     | P206 | G304-C-8.....    | P205 |
| *A15056.....     | P200 | *A25691-98.....   | P200 | *D12263.....     | P211 | G304-C-10.....   | P57  |
| *A15056.....     | P201 | *A25691-103.....  | P196 | *D12264.....     | P205 | G304-C-10.....   | P61  |
| *A15064.....     | P201 | *A25691-128.....  | P196 | *D12264.....     | P206 | G306-06.....     | P143 |
| *A15079-256..... | P200 | *A25691-148.....  | P200 | *D12264.....     | P211 | G306-06.....     | P237 |
| *A15080-38.....  | P200 | *A25691-205.....  | P196 | *D12270.....     | P209 | G306-08.....     | P173 |
| *A15081-37.....  | P196 | *A25691-248.....  | P200 | *D12271.....     | P209 | G306-12.....     | P237 |

| Part No.         | Page | Part No.          | Page | Part No.          | Page | Part No.            | Page |
|------------------|------|-------------------|------|-------------------|------|---------------------|------|
| G2100-03.....    | P116 | G6400-04.....     | P225 | G6408-H04-0.....  | P215 | G6802-10-12.....    | P61  |
| G2406-10-08..... | P61  | G6400-04.....     | P226 | G6408-H04-0.....  | P220 | G6802-10-12.....    | P235 |
| G2406-12-08..... | P237 | G6400-04-06.....  | P213 | G6408-H04-0.....  | P221 | G6802-12.....       | P235 |
| G2406-12-10..... | P61  | G6400-06.....     | P215 | G6408-H04-0.....  | P231 | G6802-12-16.....    | P61  |
| G2406-12-10..... | P237 | G6400-06.....     | P216 | G6408-H04-0.....  | P235 | G6802-12-16.....    | P235 |
| G2500-08-06..... | P173 | G6400-06.....     | P217 | G6408-H06-O.....  | P209 | G6802-16.....       | P235 |
| G2500-10-08..... | P173 | G6400-06.....     | P218 | G6408-H06-O.....  | P220 | G6803-04-04-04..... | P213 |
| G2500-84.....    | P179 | G6400-06.....     | P225 | G6408-H06-O.....  | P221 | G6803-04-04-04..... | P219 |
| G2603-06.....    | P143 | G6400-06.....     | P232 | G6408-H06-O.....  | P231 | G6803-06.....       | P225 |
| G2603-06.....    | P260 | G6400-06.....     | P233 | G6408-H06-O.....  | P235 | G6803-06.....       | P226 |
| G2700-06-06..... | P143 | G6400-06-08.....  | P57  | G6408-H08-0.....  | P220 | G6804-08.....       | P205 |
| G2700-06-06..... | P237 | G6400-06-08.....  | P137 | G6408-H08-0.....  | P221 | G6815-06-04.....    | P227 |
| G2700-08.....    | P173 | G6400-06-08.....  | P220 | G6408-H08-0.....  | P231 | G7100-36.....       | P89  |
| G2700-12.....    | P237 | G6400-06-08.....  | P221 | G6408-H08-0.....  | P235 | G7100-36.....       | P265 |
| G3303-45.....    | P9   | G6400-06-08.....  | P231 | G6408-H10-0.....  | P235 | G7100-474.....      | P262 |
| G3303-102.....   | P114 | G6400-08.....     | P57  | G6408-HHP-16..... | P235 | G7100-481.....      | P262 |
| G3303-102.....   | P116 | G6400-08.....     | P205 | G6410-08-06.....  | P61  | G7100-482.....      | P262 |
| G3303-102.....   | P116 | G6400-08.....     | P215 | G6500-06.....     | P63  | G7100-483.....      | P262 |
| G3303-102.....   | P116 | G6400-08.....     | P216 | G6500-06.....     | P143 | G7100-484.....      | P267 |
| G3303-108.....   | P34  | G6400-08.....     | P218 | G6500-08.....     | P229 | G7100-577.....      | P252 |
| G3310-54.....    | P145 | G6400-08.....     | P220 | G6500-10.....     | P244 | G7100-577.....      | P253 |
| G3310-56.....    | P157 | G6400-08.....     | P221 | G6500-16.....     | P63  | G7100-578.....      | P253 |
| G3310-82.....    | P115 | G6400-08.....     | P227 | G6500-16.....     | P235 | G7100-614.....      | P36  |
| G3310-84.....    | P157 | G6400-08.....     | P231 | G6602-06.....     | P143 | G9421X.....         | P250 |
| G3310-88.....    | P121 | G6400-08-06.....  | P145 | G6801-04-04.....  | P15  | G9899X.....         | P19  |
| G3310-136.....   | P115 | G6400-08-10.....  | P220 | G6801-04-04.....  | P209 | G9948X.....         | P109 |
| G3310-136.....   | P185 | G6400-08-10.....  | P221 | G6801-04-04.....  | P211 | G10001.....         | P7   |
| G3316-136.....   | P179 | G6400-08-10.....  | P231 | G6801-04-04.....  | P213 | G10001.....         | P55  |
| G3316-136.....   | P179 | G6400-08-12.....  | P229 | G6801-04-04.....  | P219 | G10001.....         | P61  |
| G3400-03.....    | P116 | G6400-10.....     | P215 | G6801-06.....     | P63  | G10001.....         | P63  |
| G3800-06-08..... | P65  | G6400-10.....     | P220 | G6801-06.....     | P71  | G10001.....         | P75  |
| G3801-04-04..... | P65  | G6400-10.....     | P221 | G6801-06.....     | P99  | G10001.....         | P79  |
| G3801-16-20..... | P65  | G6400-10.....     | P227 | G6801-06.....     | P235 | G10001.....         | P99  |
| G4200-15.....    | P167 | G6400-10.....     | P231 | G6801-06.....     | P244 | G10001.....         | P143 |
| G4200-15.....    | 177  | G6400-16-16.....  | P63  | G6801-06-04.....  | P57  | G10001.....         | P145 |
| G4200-16.....    | P169 | G6400-16-20.....  | P63  | G6801-06-08.....  | P63  | G10001.....         | P148 |
| G4201-03.....    | P167 | G6400-L-08.....   | P109 | G6801-06-12.....  | P71  | G10001.....         | P150 |
| G4201-03.....    | P169 | G6400-L-16.....   | P235 | G6801-08.....     | 175  | G10001.....         | P167 |
| G4201-08.....    | P173 | G6403-NWO-08..... | P233 | G6801-08.....     | P223 | G10001.....         | P169 |
| G4205-17.....    | 177  | G6408-06.....     | P212 | G6801-08.....     | P224 | G10001.....         | P174 |
| G4205-19.....    | P167 | G6408-06.....     | P232 | G6801-08-12.....  | P71  | G10001.....         | P190 |
| G4205-19.....    | P169 | G6408-08.....     | P63  | G6801-10.....     | P244 | G10001.....         | P251 |
| G4301-05.....    | P190 | G6408-08.....     | P202 | G6801-16.....     | P235 | G10001.....         | P259 |
| G4301-08.....    | P170 | G6408-08.....     | P205 | G6801-32-24.....  | P65  | G10001.....         | P260 |
| G4501-32-32..... | P63  | G6408-08.....     | P206 | G6801-LL-08.....  | 175  | G10002.....         | P31  |
| G4602-21.....    | P165 | G6408-08.....     | P209 | G6802-04.....     | P215 | G10002.....         | P85  |
| G4602-30.....    | P165 | G6408-08.....     | P209 | G6802-04.....     | P235 | G10002.....         | P129 |
| G5000-08-04..... | 177  | G6408-08.....     | P211 | G6802-06-06.....  | P98  | G10002.....         | P161 |
| G5406-02P.....   | P134 | G6408-10.....     | P232 | G6802-06-06.....  | P218 | G10002.....         | P229 |
| G6400-04.....    | P209 | G6408-12.....     | P232 | G6802-08.....     | P61  | G10002.....         | P236 |
| G6400-04.....    | P216 | G6408-H02-0.....  | P235 | G6802-08.....     | P215 | G10003.....         | P118 |
| G6400-04.....    | P217 | G6408-H04-0.....  | P213 | G6802-10.....     | P61  | G10003.....         | P146 |

| Part No. | Page | Part No. | Page | Part No. | Page | Part No. | Page |
|----------|------|----------|------|----------|------|----------|------|
| G10003   | P179 | G10017   | P98  | G10043   | P253 | G10101   | P254 |
| G10003   | P181 | G10017   | P101 | G10043   | P259 | G10101   | P261 |
| G10003   | P186 | G10017   | P103 | G10045   | P75  | G10102   | P55  |
| G10003   | P251 | G10017   | P148 | G10045   | P87  | G10102   | P61  |
| G10004   | P13  | G10017   | P161 | G10045   | P89  | G10102   | P87  |
| G10004   | P27  | G10017   | P165 | G10045   | P136 | G10102   | P89  |
| G10004   | P29  | G10017   | P169 | G10045   | P141 | G10102   | P91  |
| G10004   | P55  | G10017   | P169 | G10046   | P98  | G10102   | P92  |
| G10004   | P63  | G10017   | P169 | G10046   | P161 | G10102   | P136 |
| G10004   | P109 | G10017   | P255 | G10047   | P118 | G10102   | P141 |
| G10004   | P163 | G10018   | P99  | G10047   | P161 | G10102   | P141 |
| G10004   | P165 | G10019   | P17  | G10047   | P174 | G10102   | P145 |
| G10004   | P191 | G10019   | P141 | G10047   | P186 | G10102   | P145 |
| G10004   | P259 | G10019   | P179 | G10050   | P96  | G10102   | P161 |
| G10005   | P3   | G10019   | P249 | G10054   | P111 | G10102   | P165 |
| G10005   | P10  | G10020   | P85  | G10058   | P98  | G10102   | P167 |
| G10005   | P11  | G10020   | P103 | G10061   | P103 | G10102   | P170 |
| G10006   | P107 | G10020   | P131 | G10062   | P79  | G10102   | P252 |
| G10007   | P143 | G10020   | P133 | G10063   | P55  | G10102   | P253 |
| G10007   | P179 | G10020   | P261 | G10063   | P87  | G10102   | P259 |
| G10008   | P94  | G10023   | P94  | G10064   | P13  | G10103   | P103 |
| G10008   | P98  | G10023   | P123 | G10064   | P23  | G10103   | P123 |
| G10008   | P114 | G10023   | P170 | G10064   | P169 | G10103   | P123 |
| G10008   | P145 | G10023   | P190 | G10068   | P59  | G10104   | P91  |
| G10008   | P163 | G10023   | P257 | G10071   | P10  | G10104   | P114 |
| G10008   | P167 | G10023   | P259 | G10071   | P15  | G10104   | P137 |
| G10008   | P169 | G10025   | P98  | G10071   | P35  | G10104   | P163 |
| G10008   | P174 | G10025   | P139 | G10071   | P55  | G10104   | P169 |
| G10008   | P185 | G10026   | P27  | G10071   | P61  | G10104   | P173 |
| G10008   | P188 | G10026   | P137 | G10071   | P75  | G10104   | P179 |
| G10010   | P17  | G10026   | P179 | G10071   | P91  | G10105   | P179 |
| G10010   | P27  | G10031   | P17  | G10071   | P96  | G10105   | P244 |
| G10010   | P109 | G10031   | P249 | G10071   | P98  | G10106   | P55  |
| G10010   | P179 | G10033   | P75  | G10071   | P101 | G10106   | P139 |
| G10011   | P161 | G10033   | P119 | G10071   | P103 | G10107   | P5   |
| G10012   | P87  | G10033   | P136 | G10071   | P165 | G10107   | P23  |
| G10012   | P89  | G10036   | P25  | G10071   | P169 | G10107   | P25  |
| G10013   | P23  | G10037   | P107 | G10071   | P169 | G10107   | P94  |
| G10013   | P179 | G10038   | P10  | G10071   | P169 | G10107   | P98  |
| G10014   | P15  | G10038   | P211 | G10071   | P169 | G10107   | P114 |
| G10014   | P17  | G10039   | P25  | G10071   | P243 | G10107   | P125 |
| G10014   | P61  | G10039   | P35  | G10071   | P252 | G10107   | P127 |
| G10014   | P107 | G10039   | P61  | G10071   | P253 | G10107   | P143 |
| G10014   | P243 | G10039   | P101 | G10072   | P114 | G10107   | P145 |
| G10016   | P55  | G10039   | P103 | G10096   | P165 | G10107   | P149 |
| G10016   | P206 | G10039   | P163 | G10099   | P29  | G10107   | P161 |
| G10017   | P15  | G10040   | P63  | G10101   | P23  | G10107   | P163 |
| G10017   | P61  | G10040   | P99  | G10101   | P123 | G10107   | P167 |
| G10017   | P87  | G10042   | P109 | G10101   | P163 | G10107   | P169 |
| G10017   | P89  | G10043   | P63  | G10101   | P165 | G10107   | P174 |
| G10017   | P91  | G10043   | P103 | G10101   | P179 | G10107   | P179 |
| G10017   | P96  | G10043   | P252 | G10101   | P181 | G10107   | P185 |

| Part No. | Page | Part No. | Page | Part No. | Page | Part No. | Page |
|----------|------|----------|------|----------|------|----------|------|
| G10107   | P229 | G10110   | P63  | G10177   | P163 | G10229   | P99  |
| G10108   | P7   | G10110   | P83  | G10201   | P9   | G10229   | P120 |
| G10108   | P9   | G10110   | P99  | G10201   | P75  | G10229   | P123 |
| G10108   | P29  | G10110   | P129 | G10201   | P79  | G10229   | P165 |
| G10108   | P55  | G10110   | P137 | G10204   | P11  | G10229   | P179 |
| G10108   | P55  | G10110   | P141 | G10204   | P17  | G10229   | P181 |
| G10108   | P61  | G10110   | P143 | G10209   | P13  | G10229   | P254 |
| G10108   | P63  | G10110   | P229 | G10209   | P101 | G10229   | P259 |
| G10108   | P67  | G10111   | P23  | G10209   | P103 | G10229   | P261 |
| G10108   | P69  | G10111   | P25  | G10209   | P107 | G10230   | P17  |
| G10108   | P79  | G10111   | P87  | G10210   | P61  | G10230   | P23  |
| G10108   | P85  | G10111   | P89  | G10210   | P63  | G10230   | P91  |
| G10108   | P87  | G10111   | P107 | G10210   | P120 | G10230   | P92  |
| G10108   | P89  | G10111   | P119 | G10210   | P236 | G10230   | P98  |
| G10108   | P91  | G10111   | P137 | G10211   | P107 | G10230   | P107 |
| G10108   | P92  | G10111   | P145 | G10211   | P145 | G10230   | P109 |
| G10108   | P103 | G10111   | P148 | G10216   | P17  | G10230   | P115 |
| G10108   | P107 | G10111   | P148 | G10217   | P161 | G10230   | P169 |
| G10108   | P115 | G10111   | P148 | G10218   | P139 | G10230   | P173 |
| G10108   | P118 | G10111   | P148 | G10219   | P127 | G10230   | P179 |
| G10108   | P121 | G10111   | P161 | G10226   | P101 | G10230   | P188 |
| G10108   | P136 | G10111   | P163 | G10226   | P103 | G10231   | P98  |
| G10108   | P139 | G10111   | P179 | G10226   | P107 | G10231   | P179 |
| G10108   | P143 | G10111   | P255 | G10227   | P57  | G10231   | P244 |
| G10108   | P145 | G10112   | P96  | G10227   | P103 | G10232   | P63  |
| G10108   | P148 | G10112   | P98  | G10227   | P121 | G10232   | P99  |
| G10108   | P148 | G10112   | P111 | G10227   | P123 | G10232   | P103 |
| G10108   | P148 | G10112   | P137 | G10227   | P123 | G10232   | P161 |
| G10108   | P161 | G10112   | P251 | G10227   | P123 | G10232   | P179 |
| G10108   | P167 | G10131   | P114 | G10227   | P145 | G10232   | P209 |
| G10108   | P167 | G10131   | P121 | G10228   | P10  | G10232   | P211 |
| G10108   | P169 | G10133   | P23  | G10228   | P17  | G10233   | P115 |
| G10108   | P170 | G10133   | P27  | G10228   | P55  | G10233   | P117 |
| G10108   | P173 | G10133   | P249 | G10228   | P61  | G10233   | P119 |
| G10108   | P179 | G10152   | P249 | G10228   | P87  | G10233   | P121 |
| G10108   | P181 | G10157   | P109 | G10228   | P89  | G10233   | P145 |
| G10108   | P186 | G10159   | P96  | G10228   | P91  | G10233   | P185 |
| G10108   | P236 | G10159   | P101 | G10228   | P107 | G10233   | P187 |
| G10108   | P251 | G10159   | P103 | G10228   | P137 | G10235   | P115 |
| G10108   | P259 | G10159   | P137 | G10228   | P141 | G10235   | P185 |
| G10109   | P17  | G10162   | P101 | G10228   | P141 | G10243   | P31  |
| G10109   | P23  | G10162   | P103 | G10228   | P141 | G10251   | P85  |
| G10109   | P27  | G10162   | P107 | G10228   | P145 | G10252   | P99  |
| G10109   | P63  | G10166   | P185 | G10228   | P165 | G10253   | P123 |
| G10109   | P131 | G10168   | P137 | G10228   | P167 | G10257   | P71  |
| G10109   | P133 | G10168   | P141 | G10228   | P170 | G10257   | P123 |
| G10109   | P141 | G10168   | P141 | G10228   | P211 | G10260   | P33  |
| G10109   | P149 | G10171   | P29  | G10228   | P259 | G10260   | P259 |
| G10109   | P177 | G10171   | P73  | G10229   | P7   | G10260   | P260 |
| G10109   | P252 | G10171   | P77  | G10229   | P27  | G10261   | P33  |
| G10109   | P253 | G10172   | P167 | G10229   | P31  | G10278   | P151 |
| G10110   | P29  | G10172   | P169 | G10229   | P61  | G10297   | P165 |

| Part No. | Page | Part No. | Page | Part No. | Page | Part No. | Page |
|----------|------|----------|------|----------|------|----------|------|
| G10301   | P67  | G10455   | P121 | G10615   | P179 | G10633   | P165 |
| G10301   | P69  | G10457   | P107 | G10616   | P167 | G10636   | P101 |
| G10301   | P146 | G10460   | P96  | G10616   | P170 | G10636   | P103 |
| G10303   | P7   | G10460   | P101 | G10620   | P7   | G10636   | P179 |
| G10303   | P55  | G10460   | P103 | G10620   | P9   | G10638   | P129 |
| G10303   | P117 | G10460   | P115 | G10620   | P29  | G10640   | P17  |
| G10303   | P118 | G10460   | P137 | G10620   | P55  | G10640   | P121 |
| G10303   | P119 | G10460   | P188 | G10620   | P57  | G10640   | P137 |
| G10303   | P186 | G10461   | P137 | G10620   | P117 | G10640   | P161 |
| G10303   | P187 | G10463   | P121 | G10620   | P118 | G10640   | P179 |
| G10305   | P79  | G10468   | P139 | G10620   | P119 | G10640   | P202 |
| G10305   | P87  | G10471   | P98  | G10620   | P186 | G10640   | P206 |
| G10305   | P89  | G10471   | P111 | G10620   | P187 | G10640   | P209 |
| G10305   | P91  | G10475   | P19  | G10620   | P249 | G10640   | P211 |
| G10305   | P92  | G10485   | P165 | G10621   | P7   | G10640   | P212 |
| G10305   | P145 | G10496   | P121 | G10621   | P9   | G10640   | P213 |
| G10305   | P148 | G10496   | P121 | G10621   | P13  | G10660   | P34  |
| G10305   | P148 | G10496   | P123 | G10621   | P29  | G10670   | P29  |
| G10305   | P148 | G10497   | P121 | G10621   | P71  | G10672   | P151 |
| G10306   | P161 | G10497   | P123 | G10621   | P85  | G10672   | 177  |
| G10306   | P181 | G10501   | P15  | G10621   | P89  | G10673   | P55  |
| G10307   | P145 | G10501   | P117 | G10621   | P103 | G10674   | P165 |
| G10308   | P23  | G10501   | P187 | G10621   | P107 | G10674   | 177  |
| G10309   | P7   | G10503   | P27  | G10621   | P143 | G10676   | P151 |
| G10310   | P9   | G10503   | P137 | G10621   | P167 | G10676   | P173 |
| G10310   | P29  | G10506X  | P1   | G10621   | P169 | G10676   | 177  |
| G10312   | P7   | G10524   | P127 | G10621   | P169 | G10681   | P63  |
| G10312   | P29  | G10529   | P73  | G10621   | P170 | G10681   | P67  |
| G10325   | P85  | G10529   | P77  | G10621   | P170 | G10681   | P69  |
| G10325   | P121 | G10531   | P33  | G10621   | P174 | G10681   | P103 |
| G10325   | P169 | G10544   | P137 | G10621   | P190 | G10681   | P167 |
| G10325   | P173 | G10544   | P139 | G10621   | P257 | G10681   | P169 |
| G10330   | P101 | G10544   | P141 | G10621   | P259 | G10681   | P170 |
| G10330   | P103 | G10546   | P34  | G10622   | P13  | G10681   | 177  |
| G10330   | P107 | G10546   | P123 | G10622   | P85  | G10681   | P190 |
| G10338   | P9   | G10564   | P15  | G10622   | P89  | G10681   | P229 |
| G10344   | P127 | G10565   | P121 | G10622   | P91  | G10693   | P181 |
| G10345   | P121 | G10567   | P3   | G10622   | P115 | G10722   | P141 |
| G10348   | P89  | G10567   | P34  | G10622   | P129 | G10725   | P137 |
| G10348   | P148 | G10570   | P34  | G10622   | P167 | G10725   | P141 |
| G10362   | P109 | G10574   | P25  | G10622   | P169 | G10726   | P111 |
| G10374   | P123 | G10581   | P137 | G10622   | P174 | G10740   | P165 |
| G10379   | P151 | G10585   | P137 | G10622   | P190 | G10743   | P179 |
| G10379   | P153 | G10592   | P61  | G10622   | P191 | G10746   | P143 |
| G10400   | P111 | G10599   | P23  | G10622   | P259 | G10747   | P23  |
| G10403   | P143 | G10599   | P89  | G10622   | P260 | G10757   | P29  |
| G10438   | P109 | G10602   | P34  | G10625   | P111 | G10758   | P29  |
| G10448   | P101 | G10602   | P115 | G10626   | P165 | G10765   | P27  |
| G10448   | P103 | G10602   | P117 | G10626   | 175  | G10765   | P123 |
| G10450   | P109 | G10602   | P121 | G10629   | P167 | G10770   | P207 |
| G10450   | P161 | G10602   | P187 | G10629   | P170 | G10804   | P123 |
| G10451   | P15  | G10606   | P107 | G10629   | P179 | G10809   | P7   |

| Part No. | Page | Part No. | Page | Part No. | Page | Part No. | Page |
|----------|------|----------|------|----------|------|----------|------|
| G10809   | P9   | G10977   | P87  | G11123   | P114 | G11308   | P165 |
| G10809   | P87  | G10977   | P125 | G11123   | P115 | G11308   | P167 |
| G10809   | P89  | G10986X  | P1   | G11123   | P116 | G11308   | P170 |
| G10809   | P107 | G10988X  | P1   | G11123   | P116 | G11320   | P107 |
| G10809   | P148 | G10991   | P131 | G11123   | P116 | G11320   | P173 |
| G10821   | P121 | G10991   | P133 | G11123   | P243 | G11320   | 177  |
| G10829   | P163 | G10991   | P149 | G11124   | P10  | G11320   | P271 |
| G10829   | P243 | G10991   | P161 | G11124   | P57  | G11328   | P83  |
| G10833   | P167 | G10991   | P181 | G11124   | P67  | G11328   | P99  |
| G10844   | P137 | G10992   | P243 | G11124   | P69  | G11337   | P107 |
| G10844   | P141 | G10996   | P123 | G11124   | P71  | G11339   | P83  |
| G10857   | P103 | G11009   | P13  | G11124   | P236 | G11345   | P7   |
| G10857   | P143 | G11009   | P19  | G11124   | P243 | G11345   | P259 |
| G10859   | P123 | G11021   | P213 | G11134   | P69  | G11353   | P165 |
| G10860   | P185 | G11039X  | P19  | G11135   | P174 | G11356   | P129 |
| G10864   | P29  | G11040X  | P19  | G11135   | P229 | G11360   | P55  |
| G10871   | P161 | G11041X  | P19  | G11142   | P55  | G11360   | P67  |
| G10874   | P136 | G11042X  | P19  | G11147   | P55  | G11360   | P69  |
| G10888   | P167 | G11046X  | P19  | G11152X  | P19  | G11382   | P129 |
| G10888   | P170 | G11047X  | P19  | G11153X  | P19  | G11385   | P15  |
| G10890   | P117 | G11048X  | P19  | G11154X  | P19  | G11385   | P29  |
| G10890   | P187 | G11058   | P109 | G11165   | P61  | G11385   | P34  |
| G10898   | P91  | G11065   | P85  | G11166   | P271 | G11385   | P63  |
| G10900   | P123 | G11067   | P243 | G11172   | P18  | G11385   | P98  |
| G10901   | P165 | G11068   | P261 | G11182   | P73  | G11385   | P129 |
| G10904   | P129 | G11071   | P98  | G11182   | P77  | G11385   | P131 |
| G10909   | P115 | G11073   | P34  | G11202   | P33  | G11385   | P133 |
| G10912   | P260 | G11075   | P121 | G11202   | P243 | G11385   | P137 |
| G10913   | P104 | G11075   | P121 | G11203   | P89  | G11385   | P143 |
| G10917   | P167 | G11078   | P121 | G11204   | P94  | G11385   | P174 |
| G10917   | P169 | G11083   | P167 | G11204   | P114 | G11385   | 177  |
| G10917   | P174 | G11083   | P169 | G11204   | P116 | G11385   | P229 |
| G10917   | P179 | G11087   | P139 | G11204   | P116 | G11385   | P245 |
| G10928   | P63  | G11087   | P179 | G11204   | P116 | G11386   | P17  |
| G10931   | P85  | G11091   | P55  | G11204   | P167 | G11386   | P17  |
| G10939   | P121 | G11091   | P79  | G11204   | P169 | G11386   | P29  |
| G10939   | P123 | G11091   | P87  | G11204   | P174 | G11386   | P55  |
| G10939   | P139 | G11091   | P89  | G11206   | P129 | G11386   | P63  |
| G10940   | P17  | G11091   | P92  | G11209   | P29  | G11386   | P73  |
| G10943   | P57  | G11091   | P109 | G11215   | P94  | G11386   | P75  |
| G10943   | P63  | G11091   | P145 | G11237   | P165 | G11386   | P77  |
| G10948   | P202 | G11091   | P148 | G11237   | P179 | G11386   | P77  |
| G10949   | P129 | G11091   | P148 | G11242   | 177  | G11386   | P131 |
| G10950   | P129 | G11091   | P150 | G11249   | P73  | G11386   | P133 |
| G10954   | P243 | G11100   | P121 | G11249   | P79  | G11386   | P149 |
| G10961   | P73  | G11106   | P257 | G11261   | P77  | G11386   | P161 |
| G10961   | P77  | G11123   | P3   | G11271   | P10  | G11386   | 177  |
| G10966   | P29  | G11123   | P7   | G11281   | P19  | G11386   | P252 |
| G10974   | P27  | G11123   | P9   | G11281   | P31  | G11386   | P253 |
| G10974   | P75  | G11123   | P11  | G11284   | P85  | G11386   | P259 |
| G10974   | P101 | G11123   | P57  | G11306   | P167 | G11386   | P260 |
| G10974   | P103 | G11123   | P71  | G11306   | P170 | G11387   | P9   |

| Part No. | Page | Part No. | Page | Part No. | Page | Part No.  | Page |
|----------|------|----------|------|----------|------|-----------|------|
| G11387   | P55  | G11389   | P145 | G11409   | P71  | G11539    | P63  |
| G11387   | P67  | G11389   | P145 | G11409   | P243 | G11553    | P139 |
| G11387   | P69  | G11389   | P148 | G11415   | P59  | G11556    | P19  |
| G11387   | P85  | G11389   | P148 | G11415   | P87  | G11556    | P252 |
| G11387   | P87  | G11389   | P148 | G11415   | P87  | G11556    | P253 |
| G11387   | P89  | G11389   | P148 | G11415   | P89  | G11560    | P13  |
| G11387   | P91  | G11389   | P161 | G11415   | P174 | G11570    | P137 |
| G11387   | P92  | G11389   | P163 | G11415   | P188 | G11573    | P165 |
| G11387   | P99  | G11389   | P252 | G11418   | P141 | G11574    | .177 |
| G11387   | P109 | G11389   | P253 | G11418   | P243 | G11578    | P19  |
| G11387   | P118 | G11389   | P255 | G11428   | P3   | G11583    | .177 |
| G11387   | P118 | G11391   | P3   | G11433   | P202 | G11584    | P20  |
| G11387   | P123 | G11391   | P5   | G11445   | P33  | G11588    | P19  |
| G11387   | P129 | G11391   | P10  | G11447   | P33  | G11588    | P243 |
| G11387   | P137 | G11391   | P15  | G11448   | P19  | G11590    | P165 |
| G11387   | P143 | G11391   | P23  | G11453   | P121 | G11616    | P261 |
| G11387   | P145 | G11391   | P59  | G11458   | .177 | G11618    | P18  |
| G11387   | P148 | G11391   | P87  | G11460   | .177 | G11619    | P18  |
| G11387   | P161 | G11391   | P87  | G11465   | P3   | G11619    | P19  |
| G11387   | P163 | G11391   | P89  | G11467   | .177 | G11662    | P107 |
| G11387   | P165 | G11391   | P94  | G11468   | P165 | G11666    | .177 |
| G11387   | P167 | G11391   | P115 | G11468   | P167 | G11677    | .177 |
| G11387   | P167 | G11391   | P125 | G11468   | P169 | G11681    | .177 |
| G11387   | P169 | G11391   | P127 | G11468   | P174 | G11682    | .177 |
| G11387   | P169 | G11391   | P137 | G11472   | P243 | G11686    | P115 |
| G11387   | P170 | G11391   | P137 | G11480   | P55  | G11687    | P33  |
| G11387   | P174 | G11391   | P137 | G11480   | P116 | G11693    | P19  |
| G11387   | P179 | G11391   | P141 | G11496   | P165 | G11698    | .177 |
| G11387   | P181 | G11391   | P143 | G11496   | P167 | G11701    | .177 |
| G11387   | P186 | G11391   | P161 | G11496   | P170 | G11702    | .177 |
| G11387   | P186 | G11391   | P163 | G11497   | P165 | G11703    | .177 |
| G11387   | P229 | G11391   | P167 | G11497   | P167 | G11728    | P150 |
| G11387   | P236 | G11391   | P169 | G11497   | P169 | G11738    | P167 |
| G11387   | P244 | G11391   | P174 | G11497   | P173 | G11778    | P64  |
| G11387   | P251 | G11391   | P179 | G11498   | .177 | G11793    | P31  |
| G11387   | P251 | G11391   | P185 | G11499   | P167 | G11793    | P34  |
| G11387   | P260 | G11391   | P229 | G11499   | P169 | G11848    | P73  |
| G11389   | P15  | G11391   | P244 | G11499   | P174 | G11853    | P98  |
| G11389   | P27  | G11392   | P27  | G11506   | .177 | G11856    | P98  |
| G11389   | P35  | G11392   | P98  | G11508   | P165 | G11858    | P127 |
| G11389   | P55  | G11392   | P251 | G11511   | P161 | G11875    | P15  |
| G11389   | P61  | G11396   | P101 | G11518   | P71  | G11919    | P153 |
| G11389   | P75  | G11396   | P103 | G11519   | P75  | G11921    | P57  |
| G11389   | P87  | G11396   | P188 | G11522   | P77  | G11924    | P55  |
| G11389   | P89  | G11397   | P101 | G11527   | P20  | G11947    | P205 |
| G11389   | P91  | G11397   | P103 | G11528   | P73  | G11951    | P151 |
| G11389   | P96  | G11398   | P111 | G11528   | P79  | G11952    | P211 |
| G11389   | P98  | G11400   | P137 | G11528   | P243 | G11954    | P209 |
| G11389   | P101 | G11401   | P85  | G11534   | P107 | G11958    | P13  |
| G11389   | P103 | G11408   | P10  | G11534   | P137 | G11976    | P5   |
| G11389   | P115 | G11408   | P55  | G11539   | P3   | G11995    | P64  |
| G11389   | P119 | G11408   | P79  | G11539   | P9   | G12003-20 | P63  |



| Part No.  | Page | Part No.  | Page | Part No.  | Page | Part No.  | Page |
|-----------|------|-----------|------|-----------|------|-----------|------|
| G1007301  | P83  | G10169501 | P243 | G10269501 | P215 | G10375901 | P145 |
| G1049001  | P89  | G10169701 | P223 | G10286102 | P239 | G10394101 | P239 |
| G10002701 | P85  | G10188102 | P239 | G10291601 | P143 | G10394301 | P239 |
| G10013001 | P259 | G10192201 | P63  | G10291801 | P143 | G10402701 | P3   |
| G10016002 | P67  | G10197301 | P236 | G10291901 | P236 | G10406701 | P165 |
| G10016202 | P67  | G10197701 | P236 | G10291901 | P239 | G10416001 | P243 |
| G10017201 | P83  | G10199901 | P200 | G10292101 | P143 | G10424901 | P98  |
| G10018801 | P11  | G10200201 | P239 | G10292601 | P236 | G10425001 | P55  |
| G10019303 | P83  | G10200301 | P63  | G10292601 | P239 | G10425001 | P143 |
| G10023601 | P55  | G10200302 | P239 | G10296101 | P55  | G10428201 | P89  |
| G10023601 | P89  | G10201101 | P250 | G10296101 | P143 | G10428201 | P146 |
| G10028601 | P17  | G10201401 | P63  | G10301201 | P83  | G10428201 | P148 |
| G10028601 | P17  | G10202401 | P63  | G10302202 | P63  | G10434101 | P143 |
| G10028701 | P17  | G10202501 | P235 | G10302501 | P73  | G10435001 | P63  |
| G10028801 | P17  | G10204001 | P63  | G10302501 | P77  | G10435301 | P64  |
| G10035901 | P5   | G10204601 | P63  | G10315901 | P252 | G10439801 | P243 |
| G10049501 | P239 | G10204701 | P63  | G10315901 | P253 | G10463801 | P63  |
| G10053801 | P223 | G10204801 | P63  | G10317401 | P252 | G10463901 | P63  |
| G10057501 | P73  | G10204901 | P63  | G10317501 | P253 | G10464001 | P64  |
| G10057501 | P77  | G10210601 | P239 | G10317801 | P167 | G10475701 | P3   |
| G10058001 | P77  | G10211901 | P239 | G10317801 | P169 | G10477101 | P239 |
| G10080501 | P63  | G10213601 | P239 | G10317801 | P173 | G10477101 | P243 |
| G10080601 | P63  | G10213602 | P239 | G10318901 | P243 | G10477201 | P243 |
| G10086501 | P63  | G10218401 | P239 | G10322501 | P17  | G10478801 | P243 |
| G10086601 | P235 | G10220101 | P63  | G10327301 | P261 | G10479001 | P239 |
| G10086901 | P235 | G10221701 | P235 | G10327601 | P261 | G10480801 | P136 |
| G10087001 | P235 | G10227101 | P262 | G10327701 | P261 | G10481001 | P136 |
| G10087601 | P233 | G10227201 | P263 | G10328101 | P196 | G10483101 | P19  |
| G10087701 | P63  | G10227301 | P262 | G10334701 | P17  | G10483201 | P19  |
| G10088001 | P235 | G10227401 | P263 | G10334801 | P17  | G10483401 | P19  |
| G10089801 | P63  | G10229601 | P145 | G10334901 | P17  | G10484901 | P19  |
| G10090401 | P11  | G10229701 | P145 | G10335001 | P17  | G10488902 | P85  |
| G10098201 | P233 | G10242601 | P85  | G10335101 | P17  | G10490401 | P89  |
| G10098301 | P63  | G10242801 | P85  | G10335201 | P17  | G10494201 | P19  |
| G10098401 | P63  | G10242801 | P239 | G10338201 | P98  | G10496501 | P239 |
| G10103401 | P65  | G10243001 | P257 | G10342101 | P196 | G10499701 | P235 |
| G10105301 | P65  | G10244201 | P118 | G10342101 | P212 | G10511101 | P153 |
| G10105401 | P65  | G10244201 | P186 | G10342201 | P212 | G10518501 | P239 |
| G10105501 | P65  | G10246901 | P103 | G10349601 | P55  | G10519401 | P145 |
| G10114001 | P243 | G10246901 | P200 | G10349601 | P89  | G10519501 | P146 |
| G10122301 | P3   | G10248201 | P7   | G10351401 | P79  | G10519601 | P145 |
| G10126901 | P61  | G10248201 | P259 | G10351501 | P79  | G10533101 | P145 |
| G10128401 | P75  | G10250801 | P67  | G10351701 | P79  | G10568101 | P61  |
| G10129402 | P73  | G10252001 | P61  | G10351801 | P69  | G10568101 | P227 |
| G10129501 | P75  | G10252301 | P252 | G10359101 | P146 | G10584701 | P243 |
| G10129501 | P77  | G10252301 | P253 | G10359201 | P146 | G10600701 | P243 |
| G10131701 | P98  | G10252801 | P35  | G10359301 | P146 | G10633201 | P165 |
| G10132501 | P75  | G10254601 | P179 | G10367101 | P266 | G10664901 | P19  |
| G10132501 | P77  | G10254701 | P250 | G10367201 | P263 | G10665001 | P19  |
| G10136501 | P98  | G10263101 | P64  | G10367701 | P268 | G10665101 | P19  |
| G10141901 | P5   | G10263201 | P261 | G10375101 | P261 | G10712601 | P179 |
| G10141901 | P137 | G10269201 | P239 | G10375201 | P261 | G10825001 | P98  |



| Part No.  | Page | Part No. | Page | Part No. | Page | Part No. | Page |
|-----------|------|----------|------|----------|------|----------|------|
| G10830701 | P145 | GA5110   | P119 | GA9205   | P196 | GA12853  | P247 |
| G10830801 | P145 | GA5110   | P121 | GA9205   | P207 | GA12868  | P247 |
| G10831001 | P146 | GA5111   | P121 | GA9315   | P111 | GA13204  | P103 |
| G10831401 | P146 | GA5112   | P121 | GA9433   | P161 | GA13562  | P247 |
| G10856301 | P165 | GA5113   | P120 | GA9434   | P161 | GA13572  | P247 |
| G10946702 | P85  | GA5113   | P121 | GA9437   | P161 | GA13623  | P167 |
| G10963101 | P239 | GA5114   | P185 | GA9479   | P123 | GA13623  | P169 |
| G10967401 | P89  | GA5114   | P187 | GA9480   | P123 | GA13719  | P136 |
| G11009201 | P55  | GA5116   | P120 | GA9482   | P123 | GA13719  | P141 |
| G11009201 | P89  | GA5164   | P114 | GA9843   | P114 | GA14041  | P67  |
| G11074801 | P239 | GA5164   | P185 | GA9846   | P117 | GA14041  | P73  |
| G11074802 | P239 | GA5624   | P120 | GA9846   | P118 | GA14041  | P79  |
| G11143801 | P239 | GA5654   | P27  | GA9846   | P119 | GA14127  | P129 |
| G11161601 | P67  | GA5853   | P141 | GA9846   | P186 | GA14135  | P85  |
| G11161601 | P69  | GA5861   | P136 | GA9846   | P187 | GA14152  | P87  |
| GA0160L   | P137 | GA6171   | P17  | GA10047  | P161 | GA14152  | P89  |
| GA0160R   | P137 | GA6171   | P23  | GA10048  | P161 | GA14447  | P247 |
| GA0167    | P137 | GA6171   | P23  | GA10054  | P123 | GA14448  | P247 |
| GA0167    | P141 | GA6434   | P23  | GA10151  | P9   | GA14449  | P247 |
| GA0245    | P137 | GA6597   | P23  | GA10458  | P136 | GA14450  | P247 |
| GA0245    | P141 | GA6966   | P161 | GA10799  | P94  | GA14452  | P247 |
| GA0257    | P137 | GA6975   | P245 | GA10799  | P150 | GA14573  | P71  |
| GA0257    | P141 | GA7051   | P114 | GA11331  | P114 | GA14574  | P71  |
| GA0262    | P179 | GA7110   | P114 | GA11331  | P119 | GA14799  | P215 |
| GA0530    | P111 | GA7110   | P123 | GA11331  | P145 | GA14799  | P224 |
| GA0531    | P111 | GA7111   | P114 | GA11331  | P185 | GA14804  | P134 |
| GA0532    | P111 | GA7111   | P123 | GA11799  | P221 | GA14809  | P175 |
| GA687     | P259 | GA7137   | P123 | GA11934  | P232 | GA14812  | P190 |
| GA1720    | P114 | GA7154   | P119 | GA11982  | P10  | GA14813  | P177 |
| GA1720    | P116 | GA7270   | P29  | GA11988  | P131 | GA14814  | P177 |
| GA1720    | P116 | GA7336   | P120 | GA11988  | P133 | GA14822  | P87  |
| GA1720    | P116 | GA7434   | P98  | GA11989  | P131 | GA14822  | P89  |
| GA2007    | P7   | GA7851   | P249 | GA11989  | P133 | GA14846  | P125 |
| GA2014    | P27  | GA7853   | P249 | GA11991  | P131 | GA14847  | P87  |
| GA2068    | P117 | GA7854   | P249 | GA11991  | P133 | GA14847  | P249 |
| GA2068    | P187 | GA8135   | P249 | GA12192  | P117 | GA15151  | P141 |
| GA2180    | P114 | GA8312   | P98  | GA12235  | P27  | GA15197  | P23  |
| GA2180    | P116 | GA8326   | P34  | GA12236  | P27  | GA15226  | P101 |
| GA2660    | P167 | GA8364   | P34  | GA12335  | P179 | GA15226  | P103 |
| GA2660    | P169 | GA8366   | P34  | GA12335  | P181 | GA15227  | P101 |
| GA2660    | P173 | GA8393   | P123 | GA12403  | P85  | GA15422  | P107 |
| GA3413    | P217 | GA8603   | P25  | GA12539  | P247 | GA15422  | P271 |
| GA4722    | P104 | GA8603   | P161 | GA12540  | P247 | GA15450  | P11  |
| GA4723    | P104 | GA8641   | P25  | GA12563  | P249 | GA15451  | P11  |
| GA5105    | P121 | GA8641   | P25  | GA12596  | P247 | GA15473  | P33  |
| GA5106    | P121 | GA8738   | P245 | GA12598  | P247 | GA15475  | P31  |
| GA5107    | P120 | GA8760   | P27  | GA12655  | P249 | GA15485  | P13  |
| GA5107    | P121 | GA8882   | P205 | GA12694  | P249 | GA15784  | P98  |
| GA5108    | P121 | GA8931   | P167 | GA12812  | P87  | GA15784  | P196 |
| GA5109    | P121 | GA8931   | P169 | GA12812  | P125 | GA16308  | P215 |
| GA5109    | P145 | GA8931   | P183 | GA12812  | P249 | GA16351  | P249 |
| GA5110    | P114 | GA9205   | P107 | GA12852  | P247 | GA16352  | P249 |

| Part No. | Page | Part No. | Page | Part No.    | Page | Part No.    | Page |
|----------|------|----------|------|-------------|------|-------------|------|
| GA16374  | P9   | GA18814  | P33  | GA20903     | P250 | GA22554-360 | P261 |
| GA16831  | P247 | GA18822  | P191 | GA20914     | P13  | GA22556-91  | P241 |
| GA16927  | P165 | GA18822  | P192 | GA21047     | P104 | GA22556-115 | P241 |
| GA17033  | P75  | GA18860  | P190 | GA21048     | P101 | GA22556-134 | P241 |
| GA17034  | P75  | GA18860  | P191 | GA21048     | P103 | GA22556-180 | P241 |
| GA17034  | P79  | GA18861  | P136 | GA21048     | P104 | GA22556-300 | P241 |
| GA17265  | P96  | GA18861  | P202 | GA21064     | P215 | GA22585     | P259 |
| GA17453  | P20  | GA18862  | P202 | GA21064     | P216 | GA22898     | 177  |
| GA17454  | P31  | GA18869  | P139 | GA21064     | P217 | GA23989     | P99  |
| GA17480  | P188 | GA18870  | P139 | GA21064     | P218 | GA24281     | P257 |
| GA17573  | P131 | GA18884  | P136 | GA21066     | P215 | GA24284     | P257 |
| GA17573  | P133 | GA19160  | 175  | GA21066     | P216 | GA24285     | P257 |
| GA17580  | P10  | GA19161  | 175  | GA21066     | P217 | GA24324     | P107 |
| GA17623  | P129 | GA19162  | 175  | GA21066     | P218 | GA24336     | P161 |
| GA17631  | P125 | GA19163  | 175  | GA21067     | P215 | GA24337     | P161 |
| GA17631  | P127 | GA19164  | 175  | GA21067     | P220 | GA24364     | P33  |
| GA17634  | P9   | GA19165  | 175  | GA21067     | P221 | GA24568     | P98  |
| GA17661  | P116 | GA19166  | 175  | GA21067     | P231 | GA24569     | P111 |
| GA17754  | P20  | GA19301  | P243 | GA21143     | P257 | GA24573     | P98  |
| GA17768  | P136 | GA19335  | P103 | GA21151     | P250 | GA24575     | P98  |
| GA17773  | P21  | GA19393  | P103 | GA21152     | P250 | GA24632     | P107 |
| GA17775  | P31  | GA20088  | P131 | GA21209     | P136 | GA24633     | P107 |
| GA17900  | P165 | GA20088  | P134 | GA21405     | P131 | GA24648     | P247 |
| GA17944  | P117 | GA20136  | P114 | GA21405     | P133 | GA24649     | P247 |
| GA17944  | P187 | GA20252  | P227 | GA21405     | P134 | GA24652     | P247 |
| GA17994  | P129 | GA20256  | P136 | GA21406     | P94  | GA24676     | P19  |
| GA18001  | P129 | GA20270  | P220 | GA21406     | P150 | GA24686     | P101 |
| GA18004  | P9   | GA20270  | P221 | GA21456     | 177  | GA24686     | P103 |
| GA18050  | P29  | GA20270  | P231 | GA21508     | P121 | GA24691     | P96  |
| GA18057  | P136 | GA20271  | P220 | GA21510     | P57  | GA24709     | P107 |
| GA18181  | 177  | GA20271  | P231 | GA21598     | P109 | GA24723     | P87  |
| GA18182  | 177  | GA20272  | P220 | GA21599     | P109 | GA24723     | P89  |
| GA18195  | P33  | GA20272  | P231 | GA21614     | 177  | GA24724     | P87  |
| GA18211  | P129 | GA20370  | P134 | GA21628     | P103 | GA24724     | P89  |
| GA18212  | P129 | GA20566  | P9   | GA21628     | P107 | GA24724     | P148 |
| GA18220  | P114 | GA20583  | P170 | GA21628     | P109 | GA24725     | P148 |
| GA18344  | P173 | GA20583  | P192 | GA21676     | P17  | GA24726     | P92  |
| GA18353  | P7   | GA20622  | P19  | GA21677     | P17  | GA24728     | P87  |
| GA18353  | P99  | GA20640  | P9   | GA21687     | P260 | GA24728     | P89  |
| GA18353  | P259 | GA20697  | P213 | GA21689     | P13  | GA24729     | P87  |
| GA18355  | P200 | GA20699  | P125 | GA21845     | P165 | GA24729     | P89  |
| GA18357  | P224 | GA20710  | P13  | GA22165     | P23  | GA24730     | P87  |
| GA18466  | P169 | GA20710  | P33  | GA22522     | P29  | GA24730     | P148 |
| GA18482  | P129 | GA20710  | P239 | GA22522     | P239 | GA24731     | P87  |
| GA18485  | P139 | GA20711  | P19  | GA22547     | P239 | GA24731     | P89  |
| GA18486  | P254 | GA20711  | P239 | GA22547     | P254 | GA24731     | P148 |
| GA18536  | P29  | GA20712  | P13  | GA22554-20  | P241 | GA24732     | P92  |
| GA18576  | P170 | GA20712  | P29  | GA22554-20  | P261 | GA24733     | P167 |
| GA18576  | P190 | GA20712  | P239 | GA22554-36  | P241 | GA24734     | P139 |
| GA18720  | P173 | GA20723  | 177  | GA22554-36  | P261 | GA24735     | P136 |
| GA18720  | 177  | GA20901  | P3   | GA22554-120 | P241 | GA24736     | P136 |
| GA18734  | P137 | GA20902  | P13  | GA22554-360 | P241 | GA24741     | P118 |

| Part No.          | Page | Part No.      | Page | Part No.         | Page | Part No.      | Page |
|-------------------|------|---------------|------|------------------|------|---------------|------|
| GA24741 .....     | P186 | GA24993 ..... | P101 | GA25182 .....    | P7   | GA25403 ..... | P227 |
| GA24747 .....     | P188 | GA24994 ..... | P103 | GA25203 .....    | P13  | GA25404 ..... | P227 |
| GA24748 .....     | P188 | GA24999 ..... | P101 | GA25203 .....    | P13  | GA25427 ..... | P55  |
| GA24752 .....     | P19  | GA24999 ..... | P103 | GA25203 .....    | P239 | GA25437 ..... | P257 |
| GA24769 .....     | P98  | GA24999 ..... | P196 | GA25209 .....    | P125 | GA25441 ..... | P55  |
| GA24769 .....     | P196 | GA24999 ..... | P213 | GA25214 .....    | P13  | GA25456 ..... | P149 |
| GA24769 .....     | P206 | GA25001 ..... | P213 | GA25220 .....    | P119 | GA25457 ..... | P149 |
| GA24770 .....     | P96  | GA25003 ..... | P213 | GA25221 .....    | P101 | GA25465 ..... | P93  |
| GA24771 .....     | P196 | GA25004 ..... | P213 | GA25221 .....    | P103 | GA25468 ..... | P145 |
| GA24775 .....     | P196 | GA25005 ..... | P91  | GA25221 .....    | P196 | GA25477 ..... | P143 |
| GA24777 .....     | P211 | GA25006 ..... | P169 | GA25221 .....    | P209 | GA25500 ..... | P151 |
| GA24780 .....     | P211 | GA25006 ..... | P173 | GA25222 .....    | P209 | GA25530 ..... | P101 |
| GA24783 .....     | P98  | GA25013 ..... | P157 | GA25223 .....    | P209 | GA25531 ..... | P103 |
| GA24799 .....     | P206 | GA25014 ..... | P157 | GA25225 .....    | P209 | GA25536 ..... | P163 |
| GA24801 .....     | P145 | GA25015 ..... | P145 | GA25227 .....    | P96  | GA25537 ..... | P163 |
| GA24802 .....     | P145 | GA25016 ..... | P153 | GA25233 .....    | P103 | GA25538 ..... | P163 |
| GA24803 .....     | P145 | GA25017 ..... | P153 | GA25233 .....    | P196 | GA25539 ..... | P163 |
| GA24805 .....     | P107 | GA25018 ..... | P153 | GA25233 .....    | P217 | GA25542 ..... | P163 |
| GA24806 .....     | P109 | GA25023 ..... | P243 | GA25234 .....    | P196 | GA25543 ..... | P163 |
| GA24808 .....     | P109 | GA25029 ..... | P13  | GA25234 .....    | P217 | GA25545 ..... | P163 |
| GA24834 .....     | P206 | GA25029 ..... | P13  | GA25254 .....    | P215 | GA25550 ..... | P19  |
| GA24848 .....     | P215 | GA25029 ..... | P239 | GA25255 .....    | P215 | GA25591 ..... | P239 |
| GA24849 .....     | P215 | GA25031 ..... | P239 | GA25256 .....    | P215 | GA25593 ..... | P239 |
| GA24852 .....     | P217 | GA25055 ..... | P101 | GA25259 .....    | P15  | GA25596 ..... | P239 |
| GA24853 .....     | P145 | GA25055 ..... | P103 | GA25260 .....    | P15  | GA25597 ..... | P239 |
| GA24861 .....     | P109 | GA25060 ..... | P153 | GA25261 .....    | P15  | GA25598 ..... | P239 |
| GA24861 .....     | P196 | GA25061 ..... | P157 | GA25261 .....    | P203 | GA25599 ..... | P239 |
| GA24861 .....     | P205 | GA25063 ..... | P153 | GA25264 .....    | P15  | GA25600 ..... | P163 |
| GA24862 .....     | P205 | GA25089 ..... | P153 | GA25274 .....    | P107 | GA25613 ..... | P149 |
| GA24863 .....     | P205 | GA25090 ..... | P155 | GA25276 .....    | P145 | GA25616 ..... | P148 |
| GA24865 .....     | P205 | GA25091 ..... | P157 | GA25286 .....    | P219 | GA25622 ..... | P148 |
| GA24869-28 .....  | P241 | GA25115 ..... | P98  | GA25287 .....    | P139 | GA25623 ..... | P148 |
| GA24869-115 ..... | P241 | GA25116 ..... | P98  | GA25289 .....    | P200 | GA25624 ..... | P148 |
| GA24869-182 ..... | P241 | GA25117 ..... | P117 | GA25289 .....    | P229 | GA25625 ..... | P148 |
| GA24869-191 ..... | P241 | GA25117 ..... | P187 | GA25303 .....    | P107 | GA25630 ..... | P148 |
| GA24874 .....     | P20  | GA25128 ..... | P119 | GA25311 .....    | P134 | GA25636 ..... | P200 |
| GA24877 .....     | P19  | GA25138 ..... | P114 | GA25330 .....    | P96  | GA25653 ..... | P127 |
| GA24878 .....     | P19  | GA25142 ..... | P54  | GA25331 .....    | P155 | GA25653 ..... | P239 |
| GA24884 .....     | P103 | GA25143 ..... | P54  | GA25332 .....    | P155 | GA25668 ..... | P173 |
| GA24886 .....     | P148 | GA25144 ..... | P54  | GA25333 .....    | P153 | GA25669 ..... | P165 |
| GA24909 .....     | P98  | GA25145 ..... | P54  | GA25334 .....    | P149 | GA25670 ..... | P165 |
| GA24910 .....     | P98  | GA25146 ..... | P54  | GA25335 .....    | P145 | GA25672 ..... | P177 |
| GA24911 .....     | P101 | GA25147 ..... | P55  | GA25335 .....    | P153 | GA25774 ..... | P252 |
| GA24911 .....     | P103 | GA25148 ..... | P55  | GA25336 .....    | P151 | GA25776 ..... | P252 |
| GA24913 .....     | P107 | GA25149 ..... | P55  | GA25352 .....    | P200 | GA25776 ..... | P253 |
| GA24922 .....     | P103 | GA25158 ..... | P125 | GA25363 .....    | P127 | GA25806 ..... | P94  |
| GA24922 .....     | P104 | GA25158 ..... | P127 | GA25388 .....    | P57  | GA25806 ..... | P167 |
| GA24933 .....     | P87  | GA25159 ..... | P239 | GA25388 .....    | P71  | GA25806 ..... | P169 |
| GA24934 .....     | P87  | GA25166 ..... | P239 | GA25389 .....    | P227 | GA25806 ..... | P173 |
| GA24961 .....     | P98  | GA25170 ..... | P239 | GA25390 .....    | P227 | GA25843 ..... | P179 |
| GA24970 .....     | P107 | GA25171 ..... | P239 | GA25397 .....    | P57  | GA25844 ..... | P179 |
| GA24988 .....     | P91  | GA25171 ..... | P254 | GA25399-36 ..... | P257 | GA25847 ..... | P179 |

| Part No.   | Page | Part No.     | Page | Part No. | Page | Part No.     | Page |
|------------|------|--------------|------|----------|------|--------------|------|
| GA25857    | P200 | GA26924-06   | P270 | GB0323   | P161 | GB1203       | P83  |
| GA25857    | P229 | GA26924-08   | P270 | GB0331   | P9   | GB1206       | P77  |
| GA25925    | P145 | GA26924-09   | P270 | GB0383   | P27  | GB1216       | P55  |
| GA25925    | P148 | GA26924-10   | P270 | GB0387   | P27  | GB1218       | P7   |
| GA25949    | P13  | GA26924-11   | P237 | GB0397   | P10  | GB1223       | P5   |
| GA25949    | P260 | GA26924-11   | P270 | GB0400   | P161 | GB1224       | P5   |
| GA25950    | P260 | GA26924-12   | P237 | GB0405   | P161 | GB1224       | P5   |
| GA25963    | P260 | GA26924-13   | P237 | GB0425   | P80  | GB1231       | P19  |
| GA25967    | P107 | GA26926      | P243 | GB0429   | P80  | GB1237       | P19  |
| GA25976    | P259 | GA26960      | P5   | GB0430   | P80  | GB1249       | P55  |
| GA25980    | P57  | GA26981      | P239 | GB0430   | P83  | GD0453-07    | P136 |
| GA25981    | P57  | GA26982      | P239 | GB0444   | P83  | GD0652       | P136 |
| GA25982    | P227 | GA26989      | P19  | GB0464   | P27  | GD0704       | P136 |
| GA25993    | P243 | GA27038      | P27  | GB0554   | P141 | GD0746       | P141 |
| GA25999    | P163 | GA27043      | P98  | GB0577   | P33  | GD0829       | P146 |
| GA26005    | P227 | GA27043      | P196 | GB0579   | P33  | GD0840       | P137 |
| GA26009    | P165 | GA27043      | P211 | GB0673   | P75  | GD0840       | P141 |
| GA26016    | P98  | GA27099-10.5 | P143 | GB0673   | P77  | GD0914-15    | P119 |
| GA26075    | P35  | GA27099-14   | P143 | GB0675   | P77  | GD0914-66    | P114 |
| GA26104    | P83  | GA27099-28   | P143 | GB0676   | P19  | GD0914-66    | P185 |
| GA26144    | P59  | GA27122      | P5   | GB0695   | P21  | GD0914-101.5 | P114 |
| GA26164    | P200 | GA27156      | P83  | GB0696   | P21  | GD0914-105   | P114 |
| GA26164    | P200 | GA27157      | P83  | GB0697   | P18  | GD1026       | P9   |
| GA26164    | P200 | GA27158      | P73  | GB0722   | P3   | GD1026       | P118 |
| GA26179    | P87  | GA27158      | P83  | GB0730   | P114 | GD1026       | P120 |
| GA26179    | P89  | GA27159      | P83  | GB0733   | P121 | GD1026       | P161 |
| GA26179    | P148 | GB0115       | P34  | GB0734   | P121 | GD1026       | P186 |
| GA26193    | P89  | GB0116       | P34  | GB0753   | P20  | GD1061       | P34  |
| GA26193    | P148 | GB0165       | P137 | GB0754   | P20  | GD1063       | P34  |
| GA26493    | P143 | GB0186       | P5   | GB0755   | P21  | GD1065       | P9   |
| GA26539    | P3   | GB0206       | P179 | GB0766   | P129 | GD1085       | P23  |
| GA26603    | P255 | GB0218       | P10  | GB0780   | P18  | GD1109       | P23  |
| GA26668    | P148 | GB0218       | P15  | GB0815   | P18  | GD1114       | P114 |
| GA26681    | P251 | GB0218       | P114 | GB0816   | P18  | GD1114       | P143 |
| GA26683    | P243 | GB0218       | P179 | GB0818   | P19  | GD1114       | P163 |
| GA26684    | P243 | GB0218       | P185 | GB0823   | P18  | GD1114       | P179 |
| GA26685    | P243 | GB0230       | P109 | GB0905   | P75  | GD1132       | P27  |
| GA26687    | P243 | GB0234       | P109 | GB0905   | P77  | GD1162       | P268 |
| GA26688    | P243 | GB0239       | P23  | GB0907   | P19  | GD1166       | P101 |
| GA26709    | P239 | GB0254       | P23  | GB0917   | P13  | GD1166       | P103 |
| GA26711    | P239 | GB0265       | P3   | GB0917   | P19  | GD1359       | P111 |
| GA26723    | P3   | GB0266       | P3   | GB0918   | P3   | GD1360       | P111 |
| GA26751    | P239 | GB0267       | P3   | GB0920   | P19  | GD1512       | P131 |
| GA26766    | P143 | GB0276       | P17  | GB0921   | P19  | GD1512       | P133 |
| GA26835    | P239 | GB0278       | P34  | GB0958   | P19  | GD1512       | P257 |
| GA26841    | P229 | GB0282       | P23  | GB0969   | P91  | GD1512       | P268 |
| GA26920    | P11  | GB0285       | P3   | GB1190   | P36  | GD1862       | P145 |
| GA26924-01 | P270 | GB0287       | P114 | GB1195   | P83  | GD1862       | P165 |
| GA26924-02 | P270 | GB0287       | P121 | GB1196   | P83  | GD2117       | P268 |
| GA26924-03 | P270 | GB0296       | P161 | GB1197   | P83  | GD2199       | P169 |
| GA26924-04 | P270 | GB0320       | P111 | GB1199   | P83  | GD2558       | P87  |
| GA26924-05 | P270 | GB0322       | P161 | GB1201   | P83  | GD2558       | P91  |

| Part No.               | Page | Part No.             | Page | Part No.             | Page | Part No.              | Page |
|------------------------|------|----------------------|------|----------------------|------|-----------------------|------|
| GD2558 . . . . .       | P117 | GD7145 . . . . .     | P91  | GD11123 . . . . .    | P165 | GD13524-01 . . . . .  | P123 |
| GD2558 . . . . .       | P121 | GD7145 . . . . .     | P145 | GD11124 . . . . .    | P87  | GD13554 . . . . .     | P114 |
| GD2558 . . . . .       | P121 | GD7145 . . . . .     | P252 | GD11124 . . . . .    | P89  | GD13740 . . . . .     | P111 |
| GD2558 . . . . .       | P145 | GD7145 . . . . .     | P253 | GD11124 . . . . .    | P146 | GD14065 . . . . .     | P23  |
| GD2558 . . . . .       | P179 | GD7148 . . . . .     | P34  | GD11124 . . . . .    | P148 | GD14217 . . . . .     | P5   |
| GD2558 . . . . .       | P187 | GD7258 . . . . .     | P34  | GD11132 . . . . .    | P259 | GD14413 . . . . .     | P121 |
| GD2597 . . . . .       | P137 | GD7318 . . . . .     | P9   | GD11239 . . . . .    | P34  | GD14414 . . . . .     | P121 |
| GD2597 . . . . .       | P141 | GD7426 . . . . .     | P118 | GD11240 . . . . .    | P34  | GD14427 . . . . .     | P121 |
| GD2721 . . . . .       | P136 | GD7426 . . . . .     | P120 | GD11297 . . . . .    | P34  | GD14431 . . . . .     | P121 |
| GD2745-28 . . . . .    | P202 | GD7426 . . . . .     | P186 | GD11306 . . . . .    | P11  | GD14432 . . . . .     | P121 |
| GD2947 . . . . .       | P29  | GD7571 . . . . .     | P104 | GD11413 . . . . .    | P34  | GD14512 . . . . .     | P123 |
| GD2971-03 . . . . .    | P118 | GD7803 . . . . .     | P25  | GD11424 . . . . .    | P31  | GD14513 . . . . .     | P123 |
| GD2971-03 . . . . .    | P186 | GD7804 . . . . .     | P25  | GD11557 . . . . .    | P161 | GD14559 . . . . .     | P5   |
| GD2971-09 . . . . .    | P107 | GD7817-03 . . . . .  | P179 | GD11558 . . . . .    | P161 | GD15235 . . . . .     | P174 |
| GD2971-26 . . . . .    | P55  | GD7817-04 . . . . .  | P136 | GD11580 . . . . .    | P202 | GD15489 . . . . .     | P136 |
| GD2984 . . . . .       | P268 | GD7817-04 . . . . .  | P179 | GD11652 . . . . .    | P25  | GD15605 . . . . .     | P165 |
| GD3248 . . . . .       | P137 | GD7864 . . . . .     | P104 | GD11677 . . . . .    | P25  | *GD15849-02 . . . . . | P59  |
| GD3612 . . . . .       | P3   | GD7904-09 . . . . .  | P136 | GD11700 . . . . .    | P167 | GD15849-02 . . . . .  | P93  |
| GD3623 . . . . .       | P173 | GD7907 . . . . .     | P179 | GD11700 . . . . .    | P169 | GD15849-02 . . . . .  | P94  |
| GD3951 . . . . .       | P167 | GD7908 . . . . .     | P179 | GD11700 . . . . .    | P170 | GD15849-04 . . . . .  | P94  |
| GD3951 . . . . .       | P169 | GD8218 . . . . .     | P136 | GD11700 . . . . .    | P190 | GD15849-06 . . . . .  | P150 |
| GD3951 . . . . .       | P174 | GD8460 . . . . .     | P23  | GD11700 . . . . .    | P227 | GD16188 . . . . .     | P232 |
| GD4700 . . . . .       | P117 | GD8893-04 . . . . .  | P114 | GD11700 . . . . .    | P232 | GD16598 . . . . .     | P91  |
| GD4700 . . . . .       | P187 | GD9120 . . . . .     | P23  | GD11721 . . . . .    | P87  | GD16598 . . . . .     | P114 |
| GD4701 . . . . .       | P117 | GD9254 . . . . .     | P25  | GD11962 . . . . .    | P9   | GD16598 . . . . .     | P125 |
| GD4701 . . . . .       | P187 | GD9464-03 . . . . .  | P109 | GD11963-01 . . . . . | P249 | GD16598 . . . . .     | P127 |
| GD4743 . . . . .       | P92  | GD9662 . . . . .     | P188 | GD12103 . . . . .    | P212 | GD16598 . . . . .     | P137 |
| GD4743 . . . . .       | P165 | GD9667 . . . . .     | P123 | GD12103 . . . . .    | P213 | GD16598 . . . . .     | P143 |
| GD4743 . . . . .       | P167 | GD9671 . . . . .     | P123 | GD12104 . . . . .    | P209 | GD16598 . . . . .     | P149 |
| GD4743 . . . . .       | P170 | GD9672 . . . . .     | P123 | GD12121 . . . . .    | P206 | GD16598 . . . . .     | P167 |
| GD4743 . . . . .       | P177 | GD9724 . . . . .     | P27  | GD12121 . . . . .    | P211 | GD16598 . . . . .     | P169 |
| GD4887-27 . . . . .    | P75  | GD10057-14 . . . . . | P173 | GD12548 . . . . .    | P202 | GD16598 . . . . .     | P174 |
| GD5625 . . . . .       | P98  | GD10068 . . . . .    | P123 | GD12557 . . . . .    | P134 | GD16598 . . . . .     | P185 |
| GD5857 . . . . .       | P121 | GD10069 . . . . .    | P123 | GD12558 . . . . .    | P134 | GD16598 . . . . .     | P229 |
| GD5857 . . . . .       | P185 | GD10070 . . . . .    | P123 | GD12561 . . . . .    | P20  | GD17141 . . . . .     | P129 |
| GD6279-03 . . . . .    | P103 | GD10071 . . . . .    | P123 | GD12561 . . . . .    | P21  | GD17141 . . . . .     | P134 |
| GD6279-03 . . . . .    | P229 | GD10103 . . . . .    | P123 | GD12676 . . . . .    | P161 | GD17143 . . . . .     | P131 |
| GD6279-05 . . . . .    | P55  | GD10104 . . . . .    | P123 | GD12677 . . . . .    | P161 | GD17143 . . . . .     | P133 |
| GD6279-06 . . . . .    | P67  | GD10123 . . . . .    | P123 | GD12679 . . . . .    | P161 | GD17143 . . . . .     | P134 |
| GD6279-06 . . . . .    | P69  | GD10273 . . . . .    | P179 | GD12685 . . . . .    | P161 | GD18010 . . . . .     | P125 |
| GD6279-07 . . . . .    | P63  | GD10283 . . . . .    | P141 | GD13170 . . . . .    | P207 | GD18010 . . . . .     | P127 |
| GD6291 . . . . .       | P29  | GD10519 . . . . .    | P27  | GD13171 . . . . .    | P207 | GD18013 . . . . .     | P249 |
| GD6291 . . . . .       | P31  | GD10538-11 . . . . . | P119 | GD13172 . . . . .    | P207 | GD18176 . . . . .     | P247 |
| GD6825-24 . . . . .    | P114 | GD10543 . . . . .    | P123 | GD13173 . . . . .    | P207 | GD18407 . . . . .     | P247 |
| GD6825-26.5 . . . . .  | P114 | GD10544 . . . . .    | P257 | GD13287 . . . . .    | P161 | GD18408 . . . . .     | P247 |
| GD6825-59.75 . . . . . | P114 | GD10777 . . . . .    | P167 | GD13287 . . . . .    | P169 | GD18628 . . . . .     | P249 |
| GD6825-69 . . . . .    | P114 | GD10777 . . . . .    | P169 | GD13287 . . . . .    | P252 | GD18646 . . . . .     | P103 |
| GD7079 . . . . .       | P104 | GD10777 . . . . .    | P174 | GD13287 . . . . .    | P253 | GD18796 . . . . .     | P125 |
| GD7089 . . . . .       | P104 | GD10993 . . . . .    | P3   | GD13348 . . . . .    | P13  | GD18796 . . . . .     | P127 |
| GD7127 . . . . .       | P121 | GD11001 . . . . .    | P17  | GD13348 . . . . .    | P55  | GD18901 . . . . .     | P249 |
| GD7137 . . . . .       | P107 | GD11115 . . . . .    | P136 | GD13348 . . . . .    | P191 | GD19080 . . . . .     | P125 |
| GD7145 . . . . .       | P55  | GD11120 . . . . .    | P123 | GD13400 . . . . .    | P207 | GD19080 . . . . .     | P127 |

| Part No.   | Page | Part No.   | Page | Part No. | Page | Part No.     | Page |
|------------|------|------------|------|----------|------|--------------|------|
| GD19206    | P136 | GD24362    | P249 | GD26329  | P116 | GD28354      | P243 |
| GD19212    | P79  | GD24386    | P77  | GD26329  | P116 | GD28372      | P55  |
| GD19212    | P136 | GD24693    | P75  | GD26329  | P116 | GD28372      | P89  |
| GD19237    | P134 | GD24695    | P75  | GD26386  | P129 | GD28390      | P3   |
| GD19238    | P134 | GD24708    | P20  | GD26387  | P129 | GD28420      | P15  |
| GD19343    | P121 | GD24754    | P75  | GD26472  | P167 | GD28515      | P33  |
| GD19344    | P121 | GD24754    | P77  | GD26472  | P169 | GD28631      | P19  |
| GD19383-01 | P61  | GD24879-01 | P75  | GD26472  | P174 | GD29030-11   | P101 |
| GD19383-01 | P237 | GD24879-01 | P77  | GD26535  | P165 | GD29030-11   | P103 |
| GD19508    | P80  | GD25007    | P244 | GD26548  | P167 | GD29104-06   | P101 |
| GD19509    | P80  | GD25071    | P3   | GD26572  | P29  | GD29104-06   | P103 |
| GD19658-02 | P55  | GD25072    | P3   | GD26593  | P19  | GD29104-07   | P101 |
| GD19659-01 | P55  | GD25072    | P11  | GD26597  | P114 | GD29104-07   | P103 |
| GD19659-03 | P69  | GD25147    | P19  | GD26803  | P29  | GD29104-12   | P96  |
| GD19659-10 | P67  | GD25309    | P10  | GD26804  | P29  | GD29104-13   | P188 |
| GD19690-03 | P73  | GD25379    | P7   | GD26816  | P167 | GD29104-14   | P107 |
| GD19690-03 | P77  | GD25380    | P7   | GD26816  | P169 | GD29104-15   | P188 |
| GD19690-04 | P73  | GD25383    | P7   | GD26816  | P174 | GD29315      | P220 |
| GD19690-04 | P77  | GD25384    | P7   | GD26872  | P139 | GD29315      | P221 |
| GD19759    | P249 | GD25420    | P121 | GD26954  | P136 | GD29315      | P231 |
| GD19811    | P134 | GD25422    | P121 | GD26955  | P136 | GD29318      | P215 |
| GD19864    | P83  | GD25486    | P129 | GD26966  | P202 | GD29318      | P217 |
| GD20037    | P75  | GD25499    | P244 | GD26970  | P3   | GD29318      | P220 |
| GD20095    | P61  | GD25499    | P251 | GD26971  | P3   | GD29318      | P221 |
| GD20111    | P165 | GD25519    | P25  | GD26973  | P27  | GD29318      | P227 |
| GD20282    | P85  | GD25522    | P237 | GD26974  | P10  | GD29318      | P231 |
| GD20923    | P73  | GD25638    | P134 | GD26989  | P254 | GD29319      | P217 |
| GD20923    | P77  | GD25644    | P57  | GD26989  | P261 | GD29319      | P227 |
| GD20928    | P57  | GD25644    | P71  | GD27019  | P244 | GD29321      | P215 |
| GD20928    | P71  | GD25666    | P9   | GD27019  | P251 | GD29321      | P218 |
| GD20984    | P63  | GD25785    | P107 | GD27021  | P33  | GD29321      | P220 |
| GD20984    | P75  | GD25791    | P121 | GD27066  | P202 | GD29321      | P221 |
| GD21080    | P83  | GD25792    | P121 | GD27067  | P202 | GD29321      | P223 |
| GD21300    | P57  | GD25860    | P136 | GD27068  | P202 | GD29321      | P231 |
| GD21300    | P71  | GD25862    | P136 | GD27190  | P87  | GD29401      | P114 |
| GD21337    | P5   | GD25959    | P139 | GD27190  | P89  | GD29425      | P19  |
| GD21398    | P151 | GD25965    | P139 | GD27190  | P92  | GD29491      | P33  |
| GD21540    | P136 | GD25969    | P136 | GD27190  | P148 | GD29492      | P33  |
| GD21540    | P141 | GD26069    | P129 | GD27190  | P254 | GD29493      | P29  |
| GD21686    | P101 | GD26070    | P129 | GD27190  | P261 | GD29502-26   | P165 |
| GD21686    | P103 | GD26110    | P125 | GD27204  | P89  | GD29502-31.5 | P165 |
| GD22200    | P131 | GD26110    | P127 | GD27204  | P148 | GD29625      | P177 |
| GD22200    | P133 | GD26204    | P139 | GD27215  | P73  | GD29625      | P190 |
| GD22200    | P243 | GD26274    | P167 | GD27232  | P207 | GD29625      | P191 |
| GD22695    | P33  | GD26274    | P169 | GD27234  | P212 | GD29657      | P19  |
| GD22696    | P33  | GD26274    | P170 | GD27234  | P213 | GD29709      | P190 |
| GD23382    | P206 | GD26274    | P174 | GD27235  | P209 | GD29709      | P191 |
| GD23382    | P211 | GD26274    | P177 | GD27238  | P205 | GD29813      | P177 |
| GD23450    | P206 | GD26304    | P177 | GD27238  | P206 | GD30262      | P244 |
| GD23450    | P211 | GD26310    | P85  | GD27238  | P211 | GD30273      | P205 |
| GD23802    | P31  | GD26314    | P224 | GD27607  | P73  | GD30274      | P205 |
| GD23803    | P31  | GD26329    | P114 | GD27607  | P77  | GD30294      | P215 |

| Part No.      | Page | Part No.   | Page | Part No.      | Page | Part No.      | Page |
|---------------|------|------------|------|---------------|------|---------------|------|
| GD30421-125   | P190 | GD34685    | P109 | GD34961       | P91  | GD35420       | P259 |
| GD30421-125   | P191 | GD34701    | P87  | GD34962       | P91  | GD35434       | P55  |
| GD30421-250   | 177  | GD34701    | P89  | GD34963       | P91  | GD35435       | P55  |
| GD30571       | P220 | GD34702    | P87  | GD34963       | P170 | GD35436       | P55  |
| GD30571       | P231 | GD34702    | P89  | GD34963       | P174 | GD35437       | P55  |
| GD30683       | P109 | GD34707    | P218 | GD34973       | P155 | GD35438-28.23 | P55  |
| GD30684       | P109 | GD34708    | P215 | GD34974       | P155 | GD35439       | P55  |
| GD30685       | P109 | GD34709    | P107 | GD34975       | P155 | GD35441       | P221 |
| GD30686       | P109 | GD34710    | P107 | GD34976       | P155 | GD35446       | P220 |
| GD30725       | P11  | GD34711    | P107 | GD34977       | P155 | GD35446       | P221 |
| GD30725       | P27  | GD34712    | P107 | GD34978       | P155 | GD35446       | P231 |
| GD30726       | P13  | GD34713-01 | P107 | GD34979-8     | P155 | GD35447       | P57  |
| GD30726       | P259 | GD34713-02 | P107 | GD34980       | P158 | GD35448       | P57  |
| GD30726       | P260 | GD34713-03 | P107 | GD34981       | P158 | GD35449       | P61  |
| GD30726       | P261 | GD34713-04 | P107 | GD34982       | P158 | GD35449       | P236 |
| GD30731       | P13  | GD34713-05 | P107 | GD34983       | P158 | GD35449       | P259 |
| GD30882       | P57  | GD34717    | P206 | GD34991       | P153 | GD35459       | P15  |
| GD30882       | P71  | GD34727    | P215 | GD34992       | P153 | GD35462       | P145 |
| GD30902       | P123 | GD34750    | P205 | GD34994       | P153 | GD35465       | P257 |
| GD30903       | P123 | GD34751    | P205 | GD34997       | P158 | GD35466-195   | P159 |
| GD31305       | P71  | GD34774    | P19  | GD34998       | P158 | GD35466-230   | P159 |
| GD31353MPP    | P23  | GD34779    | P259 | GD34999       | P158 | GD35466-264   | P159 |
| GD31424       | P55  | GD34810-01 | P96  | GD35000       | P149 | GD35466-283   | P159 |
| GD31611       | P212 | GD34810-02 | P98  | GD35004       | P153 | GD35466-296   | P159 |
| GD31611       | P213 | GD34811-01 | P98  | GD35005-42    | P153 | GD35466-296   | P159 |
| GD32048       | P212 | GD34812    | P104 | GD35006       | P153 | GD35466-305   | P159 |
| GD32048       | P213 | GD34813-01 | P98  | GD35007       | P153 | GD35466-338   | P159 |
| GD32061       | P236 | GD34822    | P252 | GD35009       | P153 | GD35466-338   | P159 |
| GD33361       | P209 | GD34822    | P253 | GD35051       | P114 | GD35466-352   | P159 |
| GD33756       | P257 | GD34825    | P252 | GD35126       | P79  | GD35466-362   | P159 |
| GD33757       | P257 | GD34825    | P253 | GD35127       | P109 | GD35466-376   | P159 |
| GD33758       | P257 | GD34905    | P98  | GD35151-8.625 | P121 | GD35466-376   | P159 |
| GD33759       | P257 | GD34906    | P98  | GD35210       | P209 | GD35466-410   | P159 |
| GD33953       | P79  | GD34908    | P101 | GD35214       | P217 | GD35466-410   | P159 |
| GD33958       | P79  | GD34908    | P103 | GD35216       | P257 | GD35466-425   | P159 |
| GD34071       | P79  | GD34920    | P103 | GD35221       | P151 | GD35466-458   | P159 |
| GD34081       | P109 | GD34923    | P179 | GD35221       | P163 | GD35466-467   | P159 |
| GD34103       | P57  | GD34924    | P87  | GD35234       | P145 | GD35466-471   | P159 |
| GD34545       | P87  | GD34924    | P145 | GD35235       | P145 | GD35466-516   | P159 |
| GD34545       | P89  | GD34924    | P148 | GD35251       | P215 | GD35467-112   | P159 |
| GD34545       | P92  | GD34924    | P148 | GD35271       | P219 | GD35467-132   | P159 |
| GD34545       | P148 | GD34924    | 177  | *GD35274-01   | P77  | GD35470       | P226 |
| GD34622-12.25 | P117 | GD34951    | P213 | GD35274-01    | P75  | GD35530       | P157 |
| GD34622-12.25 | P187 | GD34957    | P91  | GD35294       | P57  | GD35531       | P153 |
| GD34622-13.41 | P117 | GD34957    | P169 | GD35298       | P91  | GD35532       | P150 |
| GD34622-13.41 | P187 | GD34957    | P174 | GD35299       | P91  | GD35561       | P148 |
| GD34624       | P216 | GD34959    | P91  | GD35314       | P227 | GD35574       | P260 |
| GD34630       | P206 | GD34959    | P169 | GD35339       | P109 | GD35588       | P167 |
| GD34630       | P211 | GD34959    | P174 | GD35340       | P109 | GD35588       | P170 |
| GD34638       | P211 | GD34960    | P91  | GD35380       | P137 | GD35588       | P174 |
| GD34646       | P209 | GD34960    | P169 | GD35381       | P63  | GD35589       | P167 |
| GD34653       | P209 | GD34960    | P174 | GD35413-15    | P64  | GD35589       | P169 |



| Part No.   | Page | Part No.  | Page | Part No. | Page | Part No.  | Page |
|------------|------|-----------|------|----------|------|-----------|------|
| GD35589    | P174 | GD36682   | P243 | GR1037   | P231 | GR1535    | P183 |
| GD35590    | P190 | GD36709   | P17  | GR1045   | P99  | GR1540    | P183 |
| GD35591    | P190 | GD36713   | P17  | GR1045   | P145 | GR1541    | P183 |
| GD35608    | P177 | GD36723   | P257 | GR1045   | P209 | GR1542    | P183 |
| GD35609    | P13  | GD36724   | P257 | GR1045   | P212 | GR1543    | P181 |
| GD35626    | P13  | GD36820   | P243 | GR1045   | P215 | GR1543    | P183 |
| GD35629    | P13  | GD36821   | P243 | GR1045   | P216 | GR1544    | P183 |
| GD35713    | P253 | GD36822   | P243 | GR1045   | P217 | GR1545    | P183 |
| GD35729    | P169 | GD36856   | P11  | GR1045   | P218 | GR1557    | P114 |
| GD35819    | P179 | GD36860   | P11  | GR1045   | P221 | GR1570MPP | P270 |
| GD35835    | P229 | GD36974   | P5   | GR1045   | P225 | GR1574    | P183 |
| GD35836    | P13  | GD36977   | P5   | GR1045   | P231 | GR1598    | P207 |
| GD35836    | P259 | GD36990   | P11  | GR1045   | P235 | GR1681    | P111 |
| GD35836    | P259 | GD37001   | P73  | GR1045   | P244 | GR1734    | P57  |
| GD35837    | P13  | GD37001   | P77  | GR1104   | P181 | GR1750    | P224 |
| GD35837    | P259 | GD37049   | P83  | GR1112   | P181 | GR1777    | P59  |
| GD35837    | P260 | GM0314-02 | P271 | GR1116   | P181 | GR1777    | P93  |
| GD35838    | P13  | GR0146MPP | P270 | GR1118   | P181 | GR1777    | P94  |
| GD35838    | P259 | GR0150    | P137 | GR1120   | P181 | GR1777    | P150 |
| GD35844    | P75  | GR0150    | P141 | GR1122   | P179 | GR1786    | P235 |
| GD35844    | P77  | GR0151    | P137 | GR1123   | P181 | GR1796    | P181 |
| GD35857    | P75  | GR0151    | P141 | GR1124   | P181 | GR1798    | P181 |
| GD35857    | P77  | GR0191    | P111 | GR1134   | P181 | GR1800    | P181 |
| GD35868    | P260 | GR0192    | P111 | GR1146   | P181 | GR1801    | P181 |
| GD35872    | P260 | GR0196    | P34  | GR1292   | P33  | GR1803    | P181 |
| GD35880-01 | P7   | GR0196    | P116 | GR1292   | P245 | GR1804    | P181 |
| GD35880-02 | P7   | GR0528    | P98  | GR1293   | P114 | GR1805    | P181 |
| GD35880-03 | P7   | GR0528    | P104 | GR1294   | P114 | GR1806    | P181 |
| GD35880-04 | P7   | GR0763    | P224 | GR1295   | P114 | GR1808    | P179 |
| GD35881    | P151 | GR0912    | P115 | GR1296   | P114 | GR1808    | P181 |
| GD35885    | P259 | GR0912    | P115 | GR1301   | P114 | GR1836    | P247 |
| GD35903    | P55  | GR0912    | P121 | GR1303   | P123 | GR1838    | P247 |
| GD35908    | P143 | GR0912    | P145 | GR1304   | P123 | GR1839    | P247 |
| GD35913    | P13  | GR1037    | P57  | GR1305   | P123 | GR1842MPP | P271 |
| GD35913    | P259 | GR1037    | P57  | GR1306   | P123 | GR1912    | P104 |
| GD35921    | P236 | GR1037    | P63  | GR1322   | P215 | GR1916    | P247 |
| GD36071    | P87  | GR1037    | P109 | GR1363   | P245 | GR1921    | P129 |
| GD36261    | P153 | GR1037    | P137 | GR1364   | P245 | GR1921    | P131 |
| GD36393    | P63  | GR1037    | P202 | GR1465   | P209 | GR1921    | P133 |
| GD36495-30 | P55  | GR1037    | P205 | GR1465   | P216 | GR1943    | P129 |
| GD36495-37 | P55  | GR1037    | P205 | GR1465   | P217 | GR1947    | P80  |
| GD36504    | P99  | GR1037    | P206 | GR1465   | P225 | GR1951    | P129 |
| GD36531    | P225 | GR1037    | P209 | GR1465   | P226 | GR1961    | P71  |
| GD36577    | P211 | GR1037    | P209 | GR1465   | P231 | GR1967    | P71  |
| GD36578    | P211 | GR1037    | P211 | GR1466   | P215 | GR1968    | P71  |
| GD36590    | P61  | GR1037    | P215 | GR1466   | P221 | GR1969    | P71  |
| GD36666    | P63  | GR1037    | P216 | GR1466   | P221 | GR1970    | P71  |
| GD36666    | P143 | GR1037    | P218 | GR1466   | P227 | GR1971    | P71  |
| GD36667    | P63  | GR1037    | P221 | GR1466   | P244 | GR1977    | P71  |
| GD36667    | P143 | GR1037    | P221 | GR1517   | P205 | GR1978    | P71  |
| GD36680    | P243 | GR1037    | P221 | GR1532   | P202 | GR1979    | P71  |
| GD36681    | P243 | GR1037    | P227 | GR1533   | P183 | GR2000    | P71  |



| Part No.            | Page | Part No. | Page | Part No. | Page | Part No. | Page |
|---------------------|------|----------|------|----------|------|----------|------|
| GR2231 . . . . .    | P205 |          |      |          |      |          |      |
| GR2233 . . . . .    | P129 |          |      |          |      |          |      |
| GR2240MPP . . . . . | P271 |          |      |          |      |          |      |
| GR2241MPP . . . . . | P271 |          |      |          |      |          |      |
| GR2250 . . . . .    | P212 |          |      |          |      |          |      |
| GR2268 . . . . .    | P155 |          |      |          |      |          |      |
| GR2282 . . . . .    | P203 |          |      |          |      |          |      |
| GR2290 . . . . .    | P145 |          |      |          |      |          |      |
| GR2290 . . . . .    | P153 |          |      |          |      |          |      |
| GR2291 . . . . .    | P145 |          |      |          |      |          |      |
| GR2291 . . . . .    | P153 |          |      |          |      |          |      |
| GR2291 . . . . .    | P153 |          |      |          |      |          |      |
| GR2293 . . . . .    | P157 |          |      |          |      |          |      |
| GR2310 . . . . .    | P155 |          |      |          |      |          |      |
| GR2312 . . . . .    | P235 |          |      |          |      |          |      |
| GR2330 . . . . .    | P155 |          |      |          |      |          |      |
| GR2331 . . . . .    | P155 |          |      |          |      |          |      |
| GR2337 . . . . .    | P209 |          |      |          |      |          |      |
| GR2338 . . . . .    | P206 |          |      |          |      |          |      |
| GR2340 . . . . .    | P211 |          |      |          |      |          |      |
| GR2341 . . . . .    | P213 |          |      |          |      |          |      |
| GR2361 . . . . .    | P229 |          |      |          |      |          |      |
| GR2362 . . . . .    | P203 |          |      |          |      |          |      |
| GR2363 . . . . .    | P203 |          |      |          |      |          |      |
| GR2368 . . . . .    | P229 |          |      |          |      |          |      |
| GR2382 . . . . .    | P243 |          |      |          |      |          |      |
| *R2281 . . . . .    | P203 |          |      |          |      |          |      |
| *R2283 . . . . .    | P203 |          |      |          |      |          |      |
| *R2300 . . . . .    | P203 |          |      |          |      |          |      |
| *R2301 . . . . .    | P203 |          |      |          |      |          |      |
| *R2302 . . . . .    | P203 |          |      |          |      |          |      |
| *R2303 . . . . .    | P203 |          |      |          |      |          |      |
| *R2304 . . . . .    | P203 |          |      |          |      |          |      |
| *R2305 . . . . .    | P203 |          |      |          |      |          |      |
| *R2307 . . . . .    | P203 |          |      |          |      |          |      |
| *R2308 . . . . .    | P203 |          |      |          |      |          |      |
| *R2309 . . . . .    | P203 |          |      |          |      |          |      |
| **R2365 . . . . .   | P229 |          |      |          |      |          |      |
| **R2366 . . . . .   | P229 |          |      |          |      |          |      |
| **R2367 . . . . .   | P229 |          |      |          |      |          |      |