

# **MODEL 3205 WING FOLD PLANTER PARTS MANUAL**

**M0301-02**

**Rev. 9/26**

This manual applies to:      Model: 3205 Wing Fold Planters  
2021 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.

**This page left blank intentionally.**

**ROW UNIT**

|                                                                                             |     |
|---------------------------------------------------------------------------------------------|-----|
| Pull Row Unit Assembly . . . . .                                                            | P1  |
| Implement Switch Assembly . . . . .                                                         | P2  |
| Shank Assembly, Seed Tube, and Depth Adjustment . . . . .                                   | P3  |
| Parallel Arms, Mounting Support Plate, and<br>Quick Adjustable Down Force Springs . . . . . | P5  |
| Ag Leader Electric Clutch . . . . .                                                         | P7  |
| 15" Seed Opener Disc Blade/Bearing<br>Assembly and Scrapers . . . . .                       | P9  |
| Gauge Wheels . . . . .                                                                      | P11 |
| "V" Closing Wheels . . . . .                                                                | P13 |
| Hopper Support and Meter Drive . . . . .                                                    | P15 |
| Row Unit Idler . . . . .                                                                    | P17 |
| Seed Hopper and Lid . . . . .                                                               | P18 |
| Finger Pickup Seed Meter . . . . .                                                          | P19 |
| Brush-Type Seed Meter 2.0 . . . . .                                                         | P21 |
| Vacuum Seed Meter . . . . .                                                                 | P23 |
| Granular Chemical . . . . .                                                                 | P25 |
| Granular Chemical Hopper and<br>Hopper Panel Extension . . . . .                            | P27 |
| Granular Chemical Meter and Meter Drive . . . . .                                           | P28 |
| Row Unit Mounted No Till Coulter . . . . .                                                  | P30 |
| Coulter Mounted Residue Wheels . . . . .                                                    | P31 |
| Coulter Mounted Residue Wheel W/Treader . . . . .                                           | P33 |

**VACUUM SYSTEM**

|                                                                                              |     |
|----------------------------------------------------------------------------------------------|-----|
| Digital Vacuum Gauge, Analog Vacuum Gauge,<br>and Vacuum Fan Assembly . . . . .              | P35 |
| Vacuum Fan Hydraulic Components . . . . .                                                    | P37 |
| Vacuum Fan Hydraulic Motor Assembly . . . . .                                                | P38 |
| Optional Flow Control Needle Valve Kit . . . . .                                             | P38 |
| Vacuum Fan Motor Valve Block Assembly<br>(Located Below Vacuum Fan Motor Assembly) . . . . . | P39 |
| Vacuum Fan Mounting Brackets and Distribution Hoses . . . . .                                | P41 |

**BASE MACHINE**

|                                                         |     |
|---------------------------------------------------------|-----|
| Hitch . . . . .                                         | P43 |
| Safety Chain . . . . .                                  | P45 |
| Frame/Manifold Assembly . . . . .                       | P47 |
| Hydraulic Wing Fold . . . . .                           | P49 |
| Transport and Ground Drive Wheel Assembly . . . . .     | P51 |
| Contact Wheel and Arm Assembly . . . . .                | P53 |
| Point Row Clutch . . . . .                              | P57 |
| Point Row Clutch Electrical Components . . . . .        | P59 |
| Seed Rate Transmission Assembly and Driveline . . . . . | P61 |
| Row Marker Assembly . . . . .                           | P65 |
| Row Marker Spindle/Hub/Blade . . . . .                  | P67 |

**HYDRAULICS**

|                                                    |     |
|----------------------------------------------------|-----|
| Master Lift Cylinder . . . . .                     | P69 |
| Slave Lift Cylinder . . . . .                      | P70 |
| Assist Cylinder . . . . .                          | P72 |
| Row Marker (Cushion) Cylinder . . . . .            | P73 |
| Hydraulic Wing Fold Cylinder . . . . .             | P74 |
| Row Marker Sequencing/Flow Control Valve . . . . . | P75 |
| Hydraulic Wing Fold Selector Valve . . . . .       | P76 |
| Hydraulic System . . . . .                         | P77 |

**ELECTRONICS**

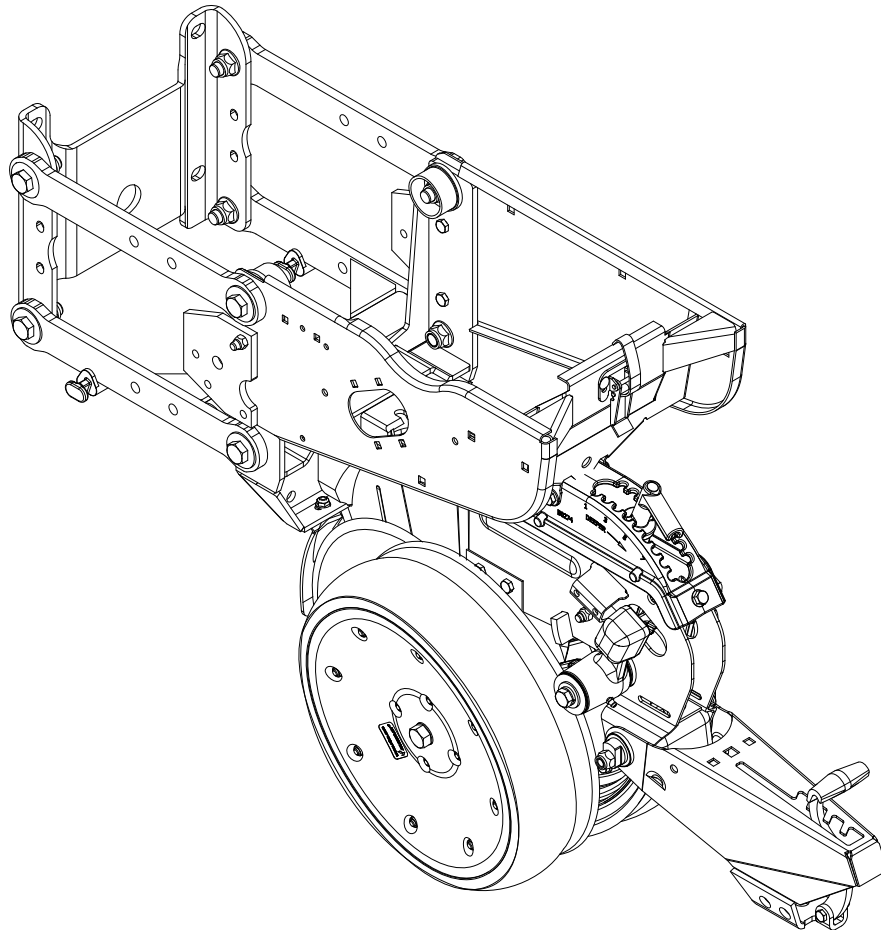
|                                             |     |
|---------------------------------------------|-----|
| Electrical Components . . . . .             | P79 |
| KPM III Electronic Seed Monitor . . . . .   | P81 |
| Planter Monitor Module (PMM) . . . . .      | P85 |
| ISOBUS Electric Clutch Package . . . . .    | P87 |
| Ag Leader Electric Clutch Package . . . . . | P89 |
| GPS 7500 Receiver Package . . . . .         | P91 |
| ISOBUS Retrofit Cabling Package . . . . .   | P92 |

**FERTILIZER**

|                                                                                     |      |
|-------------------------------------------------------------------------------------|------|
| Notched Single Disc Fertilizer Opener . . . . .                                     | P93  |
| Depth/Gauge Wheel Attachment for<br>Notched Single Disc Fertilizer Opener . . . . . | P97  |
| Liquid Fertilizer Tanks, Saddles,<br>Saddle Mounts, and Hoses . . . . .             | P99  |
| Liquid Fertilizer Piston Pump Drive . . . . .                                       | P101 |
| Liquid Fertilizer Flow Divider Mount and Hoses . . . . .                            | P105 |
| Liquid Fertilizer Piston Pump Flow Divider . . . . .                                | P107 |
| Liquid Fertilizer Piston Pump<br>(Uses 18 Tooth Sprocket) . . . . .                 | P109 |
| Liquid Fertilizer Tube In Furrow . . . . .                                          | P111 |

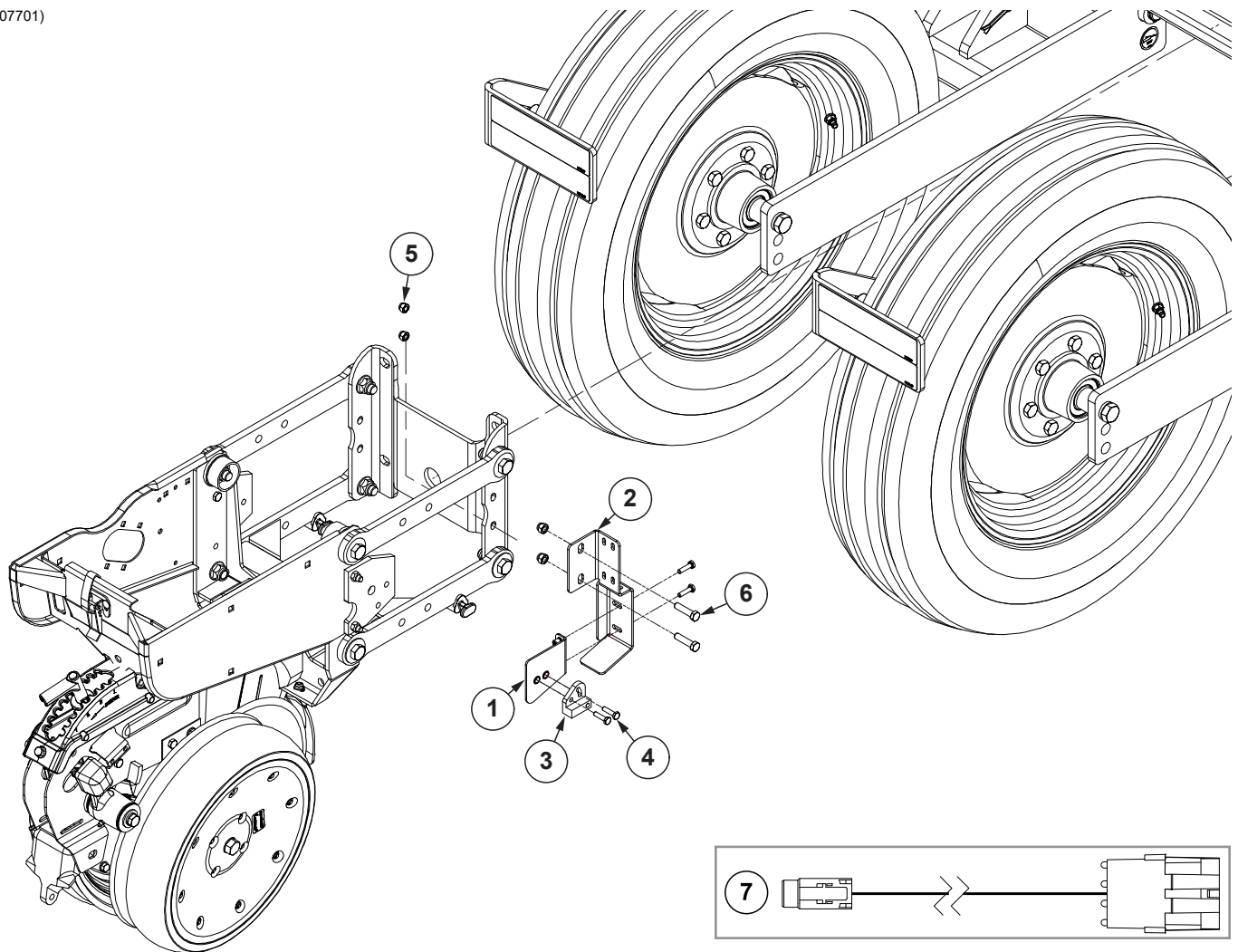
**DECALS, PAINT, AND MISCELLANEOUS P113**

**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.



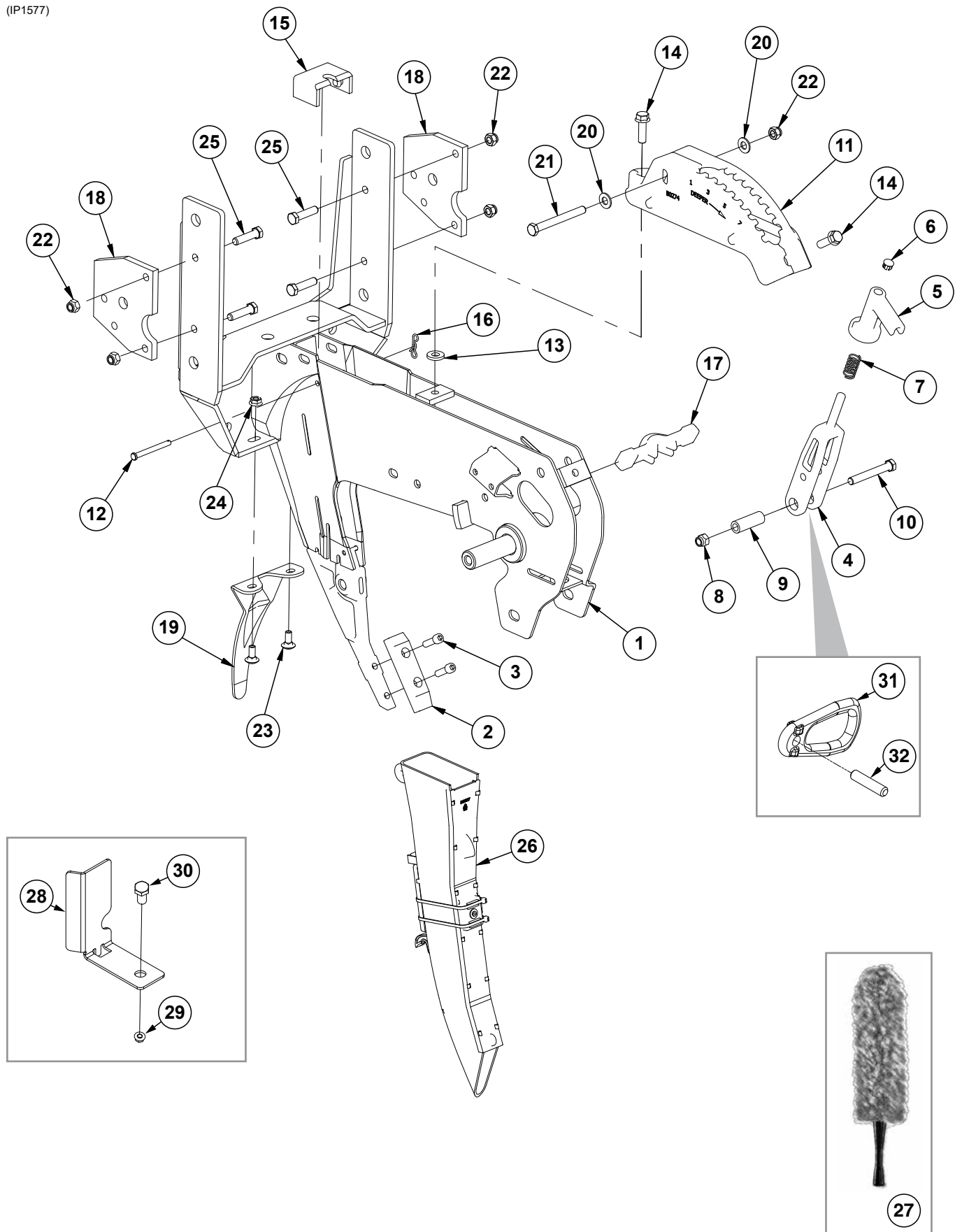
| ITEM | PART NO. | QTY.<br>(Per Row) | DESCRIPTION                                  |
|------|----------|-------------------|----------------------------------------------|
| 1    | G10502X  | 1                 | Pull Row Unit Assembly, Standard Gauge Wheel |
| 2    | G10984X  |                   | Pull Row Unit Assembly, Spoked Gauge Wheel   |

(10307701)



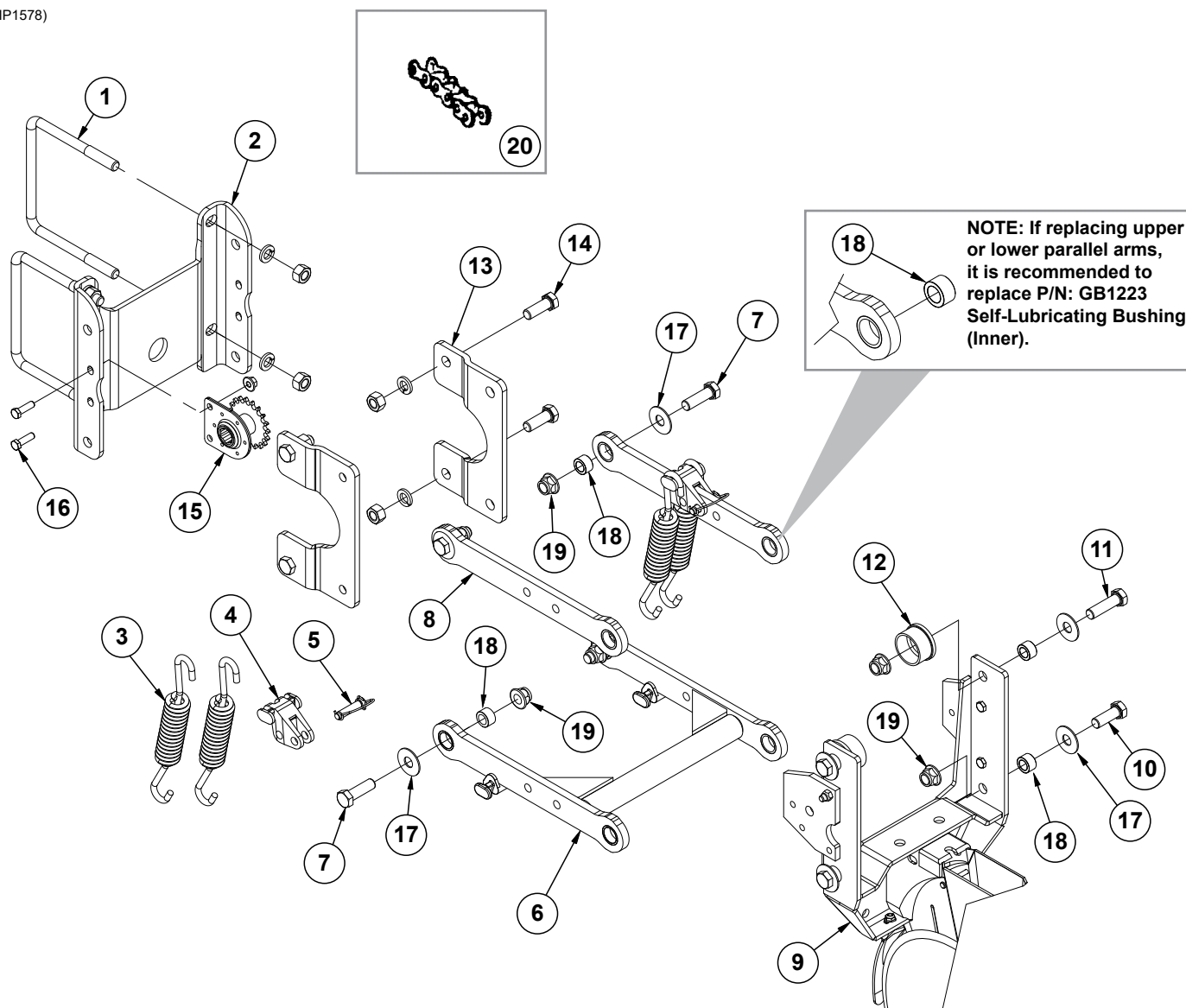
| ITEM | PART NO.  | QTY. | DESCRIPTION                          |
|------|-----------|------|--------------------------------------|
| 1    | G10234601 | 1    | Implement Switch Bracket             |
| 2    | G10234801 | 1    | Implement Switch Base                |
| 3    | GA18353   | 1    | Position Switch Magnetic Reed        |
| 4    | G10064    | 4    | Hex Head Cap Screw, 1/4"-20 x 1"     |
| 5    | G10108    | 2    | Lock Nut, 3/8"-16                    |
| 6    | G10003    | 2    | Hex Head Cap Screw, 3/8"-16 x 1 1/2" |
| 7    | G10192101 | -    | Implement Switch Adapter Harness     |

(IP1577)



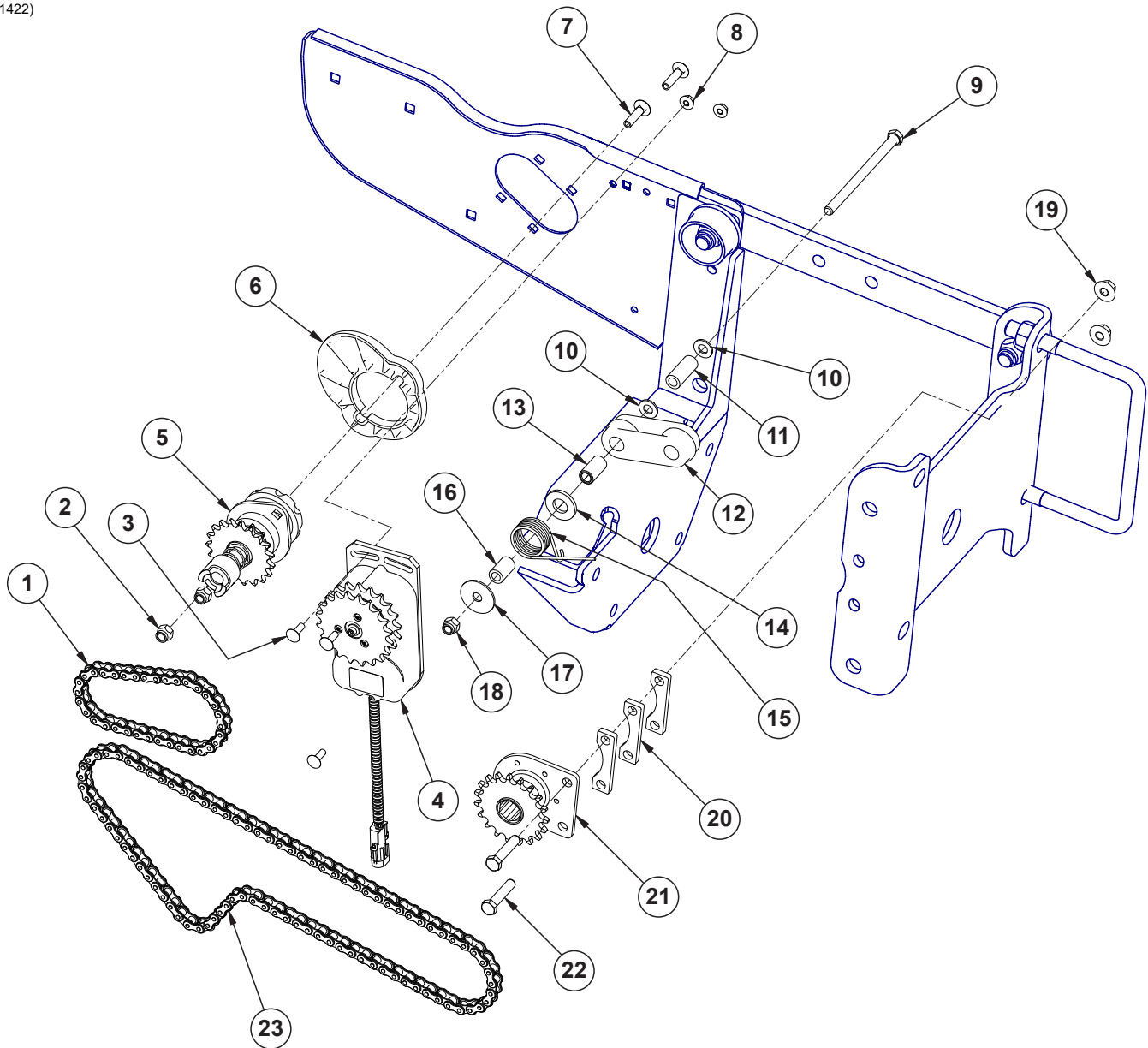
| ITEM | PART NO.                     | QTY.<br>(Per Row) | DESCRIPTION                                                                                      |
|------|------------------------------|-------------------|--------------------------------------------------------------------------------------------------|
| 1    | GA10157<br>GD11001<br>G10438 | 1<br>-<br>-       | Shank W/Gauge Wheel Pivot Spindle and Set Screw<br>Spindle<br>Hex Head Cap Screw, 1/2"-13 x 3/4" |
| 2    | G10038601                    | 1                 | Scraper                                                                                          |
| 3    | G10500901                    | 2                 | Hex Socket Head Cap Screw, 5/16"-18 x 1", Grade 8                                                |
| 4    | GB0267                       | 1                 | Lever, Depth Adjustment                                                                          |
| 5    | GB0266                       | 1                 | Handle, Depth Adjustment                                                                         |
| 6    | GD3612                       | 1                 | Cap Plug                                                                                         |
| 7    | GD10993                      | 1                 | Spring                                                                                           |
| 8    | G11591                       | 1                 | Hex Lock Nut, 3/8"-24, Grade C                                                                   |
| 9    | GD11259                      | 1                 | Sleeve, 3/8" I.D. x 5/8" O.D. x 1 <sup>25</sup> / <sub>32</sub> " Long                           |
| 10   | G11592                       | 1                 | Hex Head Cap Screw, 3/8"-24 x 2 <sup>3</sup> / <sub>4</sub> ", Grade 8                           |
| 11   | GB0274                       | 1                 | Cover, Depth Adjustment                                                                          |
| 12   | G10551                       | 1                 | Clevis Pin, 1/4" x 2 1/2"                                                                        |
| 13   | G10207                       | 1                 | Washer, 7/8" O.D. x 1 <sup>13</sup> / <sub>32</sub> " I.D. x .134" (If Applicable)               |
| 14   | G11015                       | 2                 | Hex Washer Head Cap Screw, 3/8"-16 x 1 1/4"                                                      |
| 15   | GD16245                      | 1                 | Sun Shade (Rubber)                                                                               |
| 16   | G10122301                    | 1                 | Bow Tie Cotter Pin                                                                               |
| 17   | GB0265                       | 1                 | Pivot Link, Depth Adjustment                                                                     |
| 18   | GD24545                      | 2                 | Row Unit Stop                                                                                    |
| 19   | GD28390                      | 1                 | Shield                                                                                           |
| 20   | G11387                       | 2                 | Flat Washer, 3/8" SAE                                                                            |
| 21   | G10061                       | 1                 | Hex Head Cap Screw, 3/8"-16 x 3 1/2"                                                             |
| 22   | G10108                       | 5                 | Lock Nut, 3/8"-16                                                                                |
| 23   | G10312                       | 2                 | Carriage Bolt, 5/16"-18 x 3/4"                                                                   |
| 24   | G10620                       | 2                 | Serrated Flange Nut, 5/16"-18                                                                    |
| 25   | G10003                       | 4                 | Hex Head Cap Screw, 3/8"-16 x 1 1/2"                                                             |
| 26   | G10745401                    | 1                 | Seed Tube Assembly                                                                               |
| 27   | G10475701                    | 1                 | Seed Tube Brush, Microfiber                                                                      |
| 28   | GD29798                      | 1                 | Chain Guard                                                                                      |
| 29   | G10071                       | 1                 | Serrated Flange Nut, 1/2"-13                                                                     |
| 30   | G10014                       | 1                 | Hex Head Cap Screw, 1/2"-13 x 1"                                                                 |
| 31   | GB0285                       | 1                 | Collar, Depth Adjustment                                                                         |
| 32   | G10402701                    | 1                 | Pin, 3/8" x 1 2/3"                                                                               |

(IP1578)



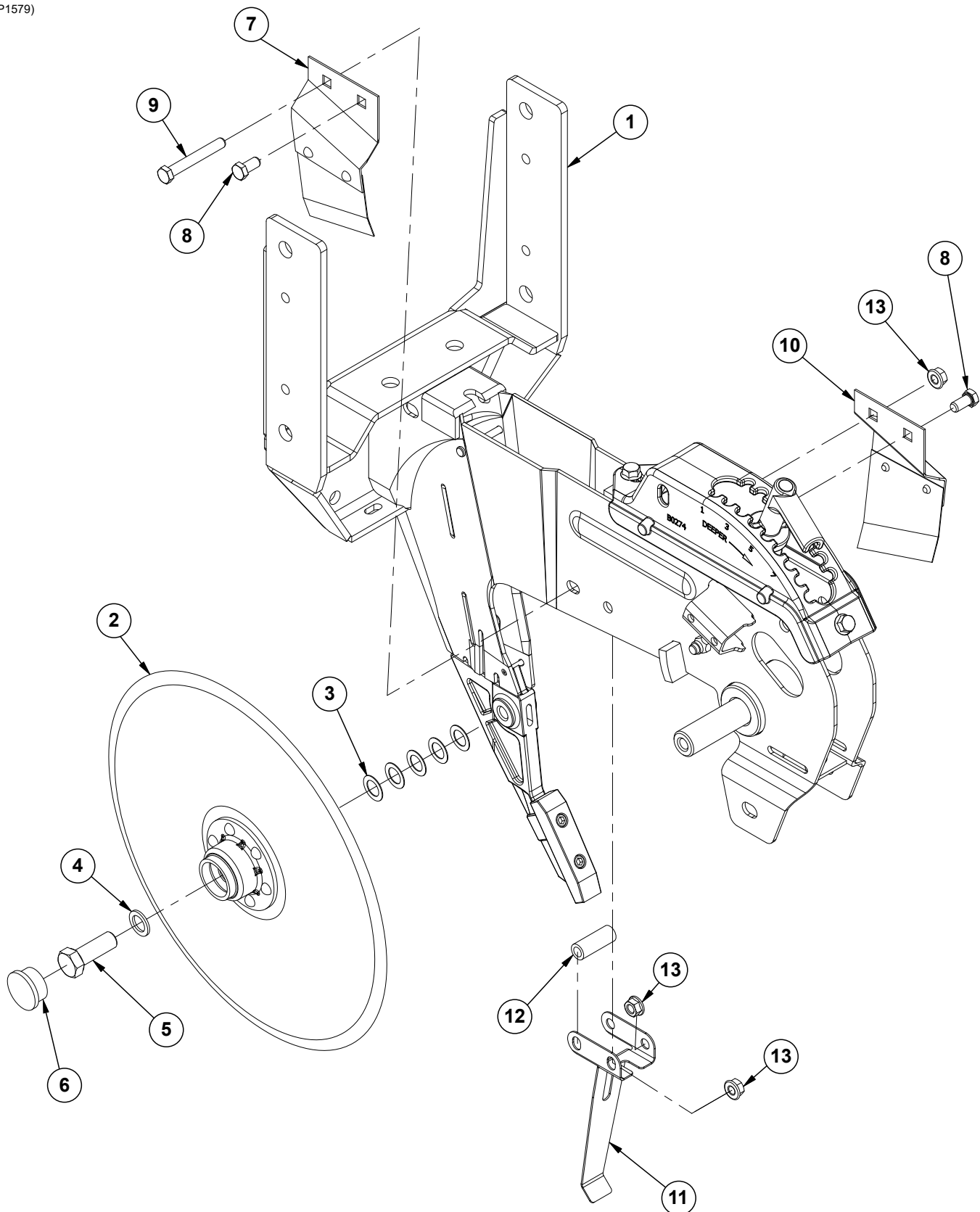
| ITEM | PART NO.  | QTY.<br>(Per Row) | DESCRIPTION                                                                                                                                                |
|------|-----------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | GD1114    | 2                 | U-Bolt, 7" x 7" x 5/8"-11                                                                                                                                  |
|      | G10230    | 4                 | Lock Washer, 5/8"                                                                                                                                          |
|      | G10104    | 4                 | Hex Nut, 5/8"-11                                                                                                                                           |
| 2    | GD10036   | 1                 | Mounting Support Plate                                                                                                                                     |
| 3    | GD21337   | 4                 | Heavy Duty Down Pressure Spring                                                                                                                            |
| 4    | GB0186    | 2                 | Spring Anchor                                                                                                                                              |
| 5    | GD14217   | 2                 | Tab Lock Pin, 7/16" x 1 1/2"                                                                                                                               |
| 6    | G10011201 | 1                 | Lower Parallel Arm Assembly                                                                                                                                |
|      | GB1224    |                   | Self-Lubricating Bushing, 1 1/4" O.D. x 1" I.D. x 1/2" (Included in G10011201)                                                                             |
| 7    | G10732    | 4                 | Hex Head Cap Screw, 5/8"-18 x 2"                                                                                                                           |
| 8    | G10011101 | 2                 | Upper Parallel Arm Assembly                                                                                                                                |
|      | GB1224    | 2                 | Self-Lubricating Bushing, 1 1/4" O.D. x 1" I.D. x 1/2" (Included in G10011101)                                                                             |
| 9    | ---       | 1                 | <a href="#">See "Shank Assembly, Seed Tube, and Depth Adjustment" on page P3</a>                                                                           |
| 10   | G10751    | 2                 | Hex Head Cap Screw, 5/8"-18 x 1 3/4"                                                                                                                       |
| 11   | G10752    | 2                 | Hex Head Cap Screw, 5/8"-18 x 2 1/4"                                                                                                                       |
| 12   | GB0314    | 2                 | Hopper Mount                                                                                                                                               |
| 13   | GB0366    | 2                 | Extension Bracket                                                                                                                                          |
| 14   | G10005    | 4                 | Hex Head Cap Screw, 5/8"-11 x 1 3/4"                                                                                                                       |
|      | G10230    | 4                 | Lock Washer, 5/8"                                                                                                                                          |
|      | G10104    | 4                 | Hex Nut, 5/8"-11                                                                                                                                           |
| 15   | GA1720    | 1                 | Bearing/Sprocket, 7/8" Hex Bore                                                                                                                            |
| 16   | G10004    | 2                 | Hex Head Cap Screw, 3/8"-16 x 1 1/4"                                                                                                                       |
|      | G11091    | 2                 | Serrated Flange Nut, 3/8"-16                                                                                                                               |
| 17   | G11976    | 8                 | Flat Washer, 5/8" x 1 3/4"                                                                                                                                 |
| 18   | GB1223    | 8                 | Self-Lubricating Bushing                                                                                                                                   |
| 19   | G11514    | 8                 | Lock Nut, 5/8"-18                                                                                                                                          |
| 20   | G3303-98  | 1                 | Chain, No. 41, 98 Pitch Including Connector Link (Mechanical)                                                                                              |
|      | G3303-108 | 1                 | Chain, No. 41, 108 Pitch Including Connector Link (Vacuum)                                                                                                 |
|      | G3303-16  | 1                 | Chain, No. 41, 16 Pitch Including Connector Link (Used W/Row Unit Extension Brackets)                                                                      |
|      | GR0196    | -                 | Connector Link, No. 41                                                                                                                                     |
| A    | G6326X    | -                 | U-Bolt Package For 7" x 7" Toolbar, Includes: (2) GD1114, (4) G10230, (4) G10104                                                                           |
| B    | G1K758    | -                 | Pull Row Unit Parallel Arm Kit, Includes: (2) G10011101, (1) G10011201, (8) GB1223, (8) G11976, (4) G10732, (2) G10751, (2) G10752, (8) G11514, (1) IS1066 |

(IP1422)



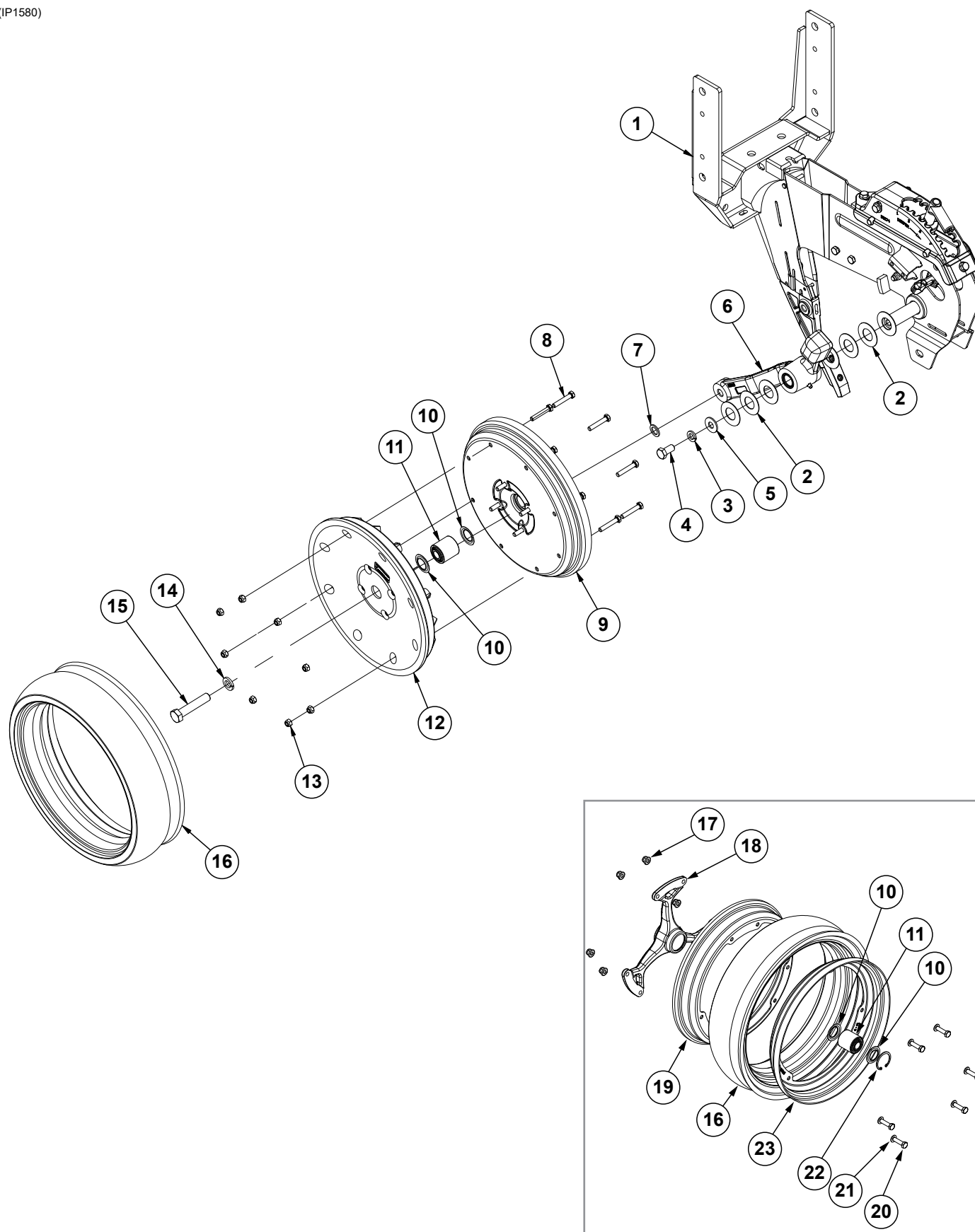
| ITEM | PART NO.  | QTY.<br>(Per Row) | DESCRIPTION                                                  |
|------|-----------|-------------------|--------------------------------------------------------------|
| 1    | G3303-34  | 1                 | Chain, No. 41, 34 Pitch Including Connector Link             |
| 2    | G10109    | 2                 | Lock Nut, $\frac{5}{16}$ "-18                                |
| 3    | G10310    | 3                 | Carriage Bolt, $\frac{1}{4}$ "-20 x $\frac{3}{4}$ ", Grade 2 |
| 4    | GA16374   | 1                 | Electric Clutch                                              |
| 5    | GA10151   | 1                 | Seed Meter Clutch Assembly, 11/19 Tooth                      |
| 6    | G11013701 | 1                 | Clutch Adapter Plate                                         |
| 7    | G10338    | 2                 | Carriage Bolt, $\frac{5}{16}$ "-18 x $1\frac{1}{4}$ "        |
| 8    | G10621    | 3                 | Serrated Flange Nut, $\frac{1}{4}$ "-20                      |
| 9    | G10687    | 1                 | Hex Head Cap Screw, $\frac{3}{8}$ "-16 x $5\frac{1}{2}$ "    |
| 10   | G11387    | 2                 | Flat Washer, $\frac{3}{8}$ " SAE                             |
| 11   | GD23773   | 1                 | Chain Idler Spacer                                           |
| 12   | GD11962   | 1                 | Idler                                                        |
| 13   | GD1026    | 1                 | Sleeve, $1\frac{3}{16}$ " Long                               |
| 14   | G11391    | 1                 | Flat Washer, $\frac{5}{8}$ " SAE                             |
| 15   | GD1065    | 1                 | Idler Spring                                                 |
| 16   | GD7318    | 1                 | Sleeve, 1" Long                                              |
| 17   | G10201    | 1                 | Special Washer, $\frac{3}{8}$ " x $1\frac{1}{2}$ " O.D.      |
| 18   | G10901    | 1                 | Lock Nut, $\frac{3}{8}$ "-16                                 |
| 19   | G11091    | 3                 | Serrated Flange Nut, $\frac{3}{8}$ "-16                      |
| 20   | GD23774   | 3                 | Spacer                                                       |
| 21   | GA1720    | 1                 | Bearing/Sprocket, $\frac{7}{8}$ " Hex Bore                   |
| 22   | G10047    | 2                 | Hex Head Cap Screw, $\frac{3}{8}$ "-16 x $1\frac{3}{4}$ "    |
| 23   | G3303-88  | 1                 | Chain, No. 41, 88 Pitch Including Connector Link             |

(IP1579)



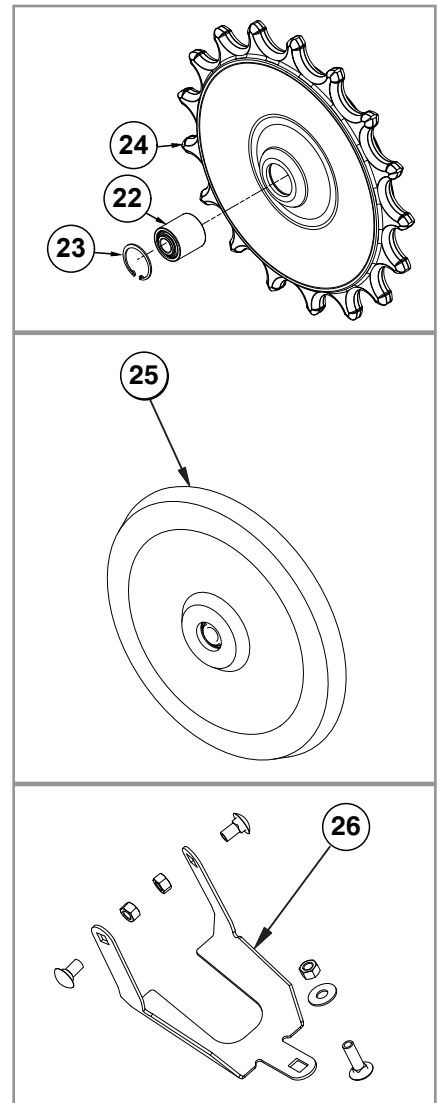
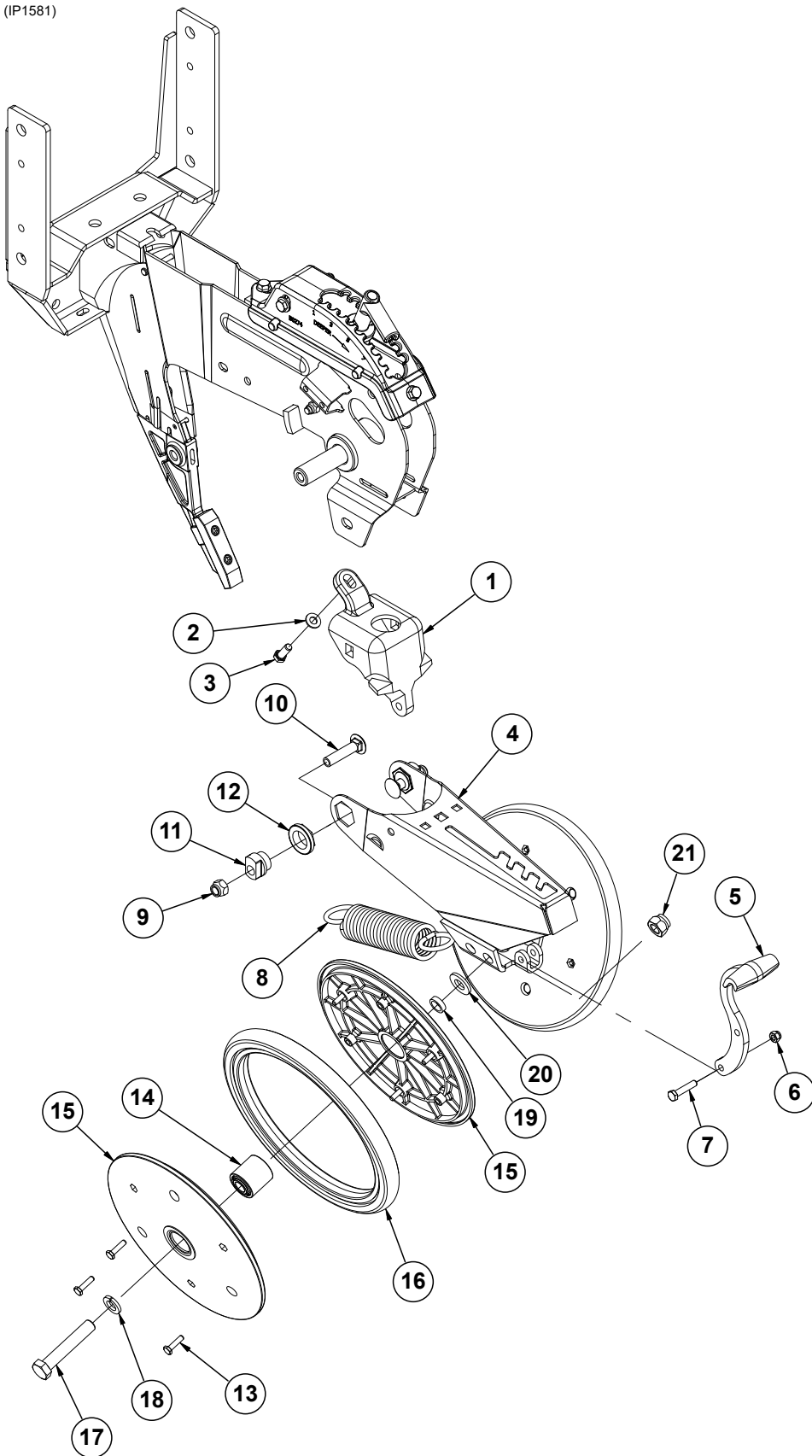
| ITEM | PART NO.  | QTY.<br>(Per Row) | DESCRIPTION                                                                      |
|------|-----------|-------------------|----------------------------------------------------------------------------------|
| 1    | ---       | 1                 | <a href="#">See "Shank Assembly, Seed Tube, and Depth Adjustment" on page P3</a> |
| 2    | G10018801 | 2                 | Disc and Bearing Assembly                                                        |
|      | GA26920   | 1                 | Bearing (Included W/G10018801)                                                   |
|      | GD11306   | 1                 | Disc Blade, 3.5 mm x 15" (Included W/G10018801)                                  |
|      | GD36860   | 1                 | Bearing Housing (Included W/G10018801)                                           |
|      | GD36990   | 6                 | Rivet, 1/4" x 9/16" (Included W/G10018801)                                       |
| 3    | GD30725   | 10                | Machine Bushing, 5/8" (.030" Thick) (5 Per)                                      |
| 4    | G10397801 | 2                 | Special Machine Bushing, 5/8" x 1" O.D.                                          |
| 5    | GD36856   | 1                 | Opener Blade Bolt, 5/8"-11 x 1 3/4", Grade 5 (L.H. Threads)                      |
|      | G10005    | 1                 | Hex Head Cap Screw, 5/8"-11 x 1 3/4"                                             |
| 6    | G10090401 | 2                 | Plastic Ribbed Hub Cap (1 Per)                                                   |
| 7    | GA2012L   | 1                 | Disc Scraper, L.H.                                                               |
| 8    | G10002    | 2                 | Hex Head Cap Screw, 3/8"-16 x 3/4"                                               |
| 9    | G10325    | 1                 | Hex Head Cap Screw, 3/8"-16 x 2 3/4"                                             |
| 10   | GA2012R   | 1                 | Disc Scraper, R.H.                                                               |
| 11   | GD35444   | 1                 | Seed Tube Bracket                                                                |
| 12   | GD2971-31 | 1                 | Sleeve, 3/8" I.D x 5/8" O.D. x 1.78" Long                                        |
| 13   | G10622    | 3                 | Serrated Flange Nut, 3/8"-16                                                     |

(IP1580)



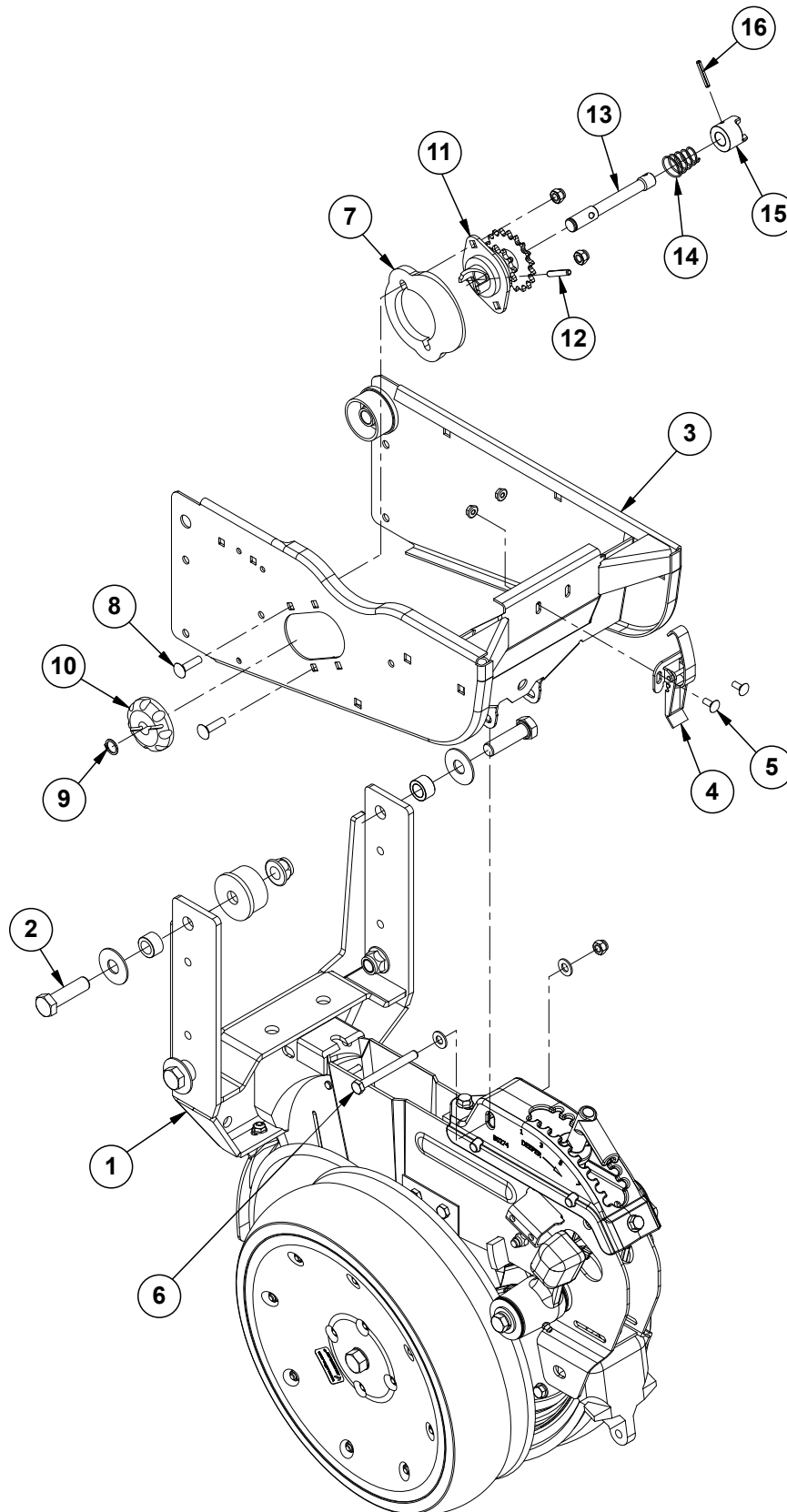
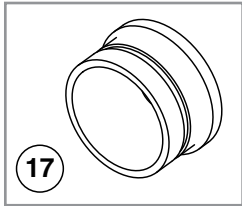
| ITEM | PART NO.  | QTY.<br>(Per Row) | DESCRIPTION                                                                                                 |
|------|-----------|-------------------|-------------------------------------------------------------------------------------------------------------|
| 1    | ---       | -                 | <a href="#">See "Shank Assembly, Seed Tube, and Depth Adjustment" on page P3</a>                            |
| 2    | G10940    | 7                 | Machine Bushing, 1" (.048" Thick)                                                                           |
| 3    | G10228    | 2                 | Lock Washer, 1/2"                                                                                           |
| 4    | G10014    | 2                 | Hex Head Cap Screw, 1/2"-13 x 1"                                                                            |
| 5    | G10216    | 2                 | Washer, 1/2" USS                                                                                            |
| 6    | GA21677   | 1                 | Wheel Arm W/Grease Fitting, Bushings, and Seals, L.H. (Shown)                                               |
|      | GA21676   | -                 | Wheel Arm W/Grease Fitting, Bushings, and Seals, R.H.                                                       |
|      | GD10991   | 2                 | Seal (Per Arm) (Included W/GA21677 and GA21676)                                                             |
|      | GB0276    | 2                 | Bushing, 1" I.D. x 1 1/4" O.D. x 1" Long (Per Arm) (Included W/GA21677 and GA21676)                         |
| 7    | G10397801 | 1                 | Special Machine Bushing, 5/8" x 1" O.D.                                                                     |
| 8    | G10871701 | 8                 | Carriage Bolt, 5/16"-18 x 1 3/4"                                                                            |
| 9    | G10028701 | 1                 | Half Gauge Wheel                                                                                            |
|      | G10871601 | 4                 | Hex Non-Serrated Cap Screw, M8 x 25                                                                         |
| 10   | GD36713   | 2                 | Gauge Wheel Dust Shield                                                                                     |
| 11   | GA6171    | 1                 | Bearing                                                                                                     |
| 12   | GD36709   | 1                 | Half Gauge Wheel                                                                                            |
| 13   | G10871801 | 12                | Hex Flanged Lock Nut, Nylon Lock - M8                                                                       |
| 14   | G10230    | 1                 | Lock Washer, 5/8"                                                                                           |
| 15   | G10010    | 1                 | Hex Head Cap Screw, 5/8"-11 x 3"                                                                            |
| 16   | G10028601 | 1                 | Tire, 4 1/2" x 16                                                                                           |
| 17   | G10335001 | 6                 | Flange Wheel                                                                                                |
| 18   | G10334701 | 1                 | Flange Hub                                                                                                  |
| 19   | G10334901 | 1                 | Flange Wheel                                                                                                |
| 20   | G10335101 | 6                 | Screw, M8 x 30/8.8                                                                                          |
| 21   | G11386    | 6                 | Flat Washer, 5/16" SAE                                                                                      |
| 22   | G10335201 | 1                 | Elastic Ring                                                                                                |
| 23   | G10334801 | 1                 | Flange Wheel                                                                                                |
| A    | G10028801 | -                 | Standard Gauge Wheel Complete (Items 8-13 and 16)                                                           |
| B    | G1K296    | -                 | Gauge Wheel Arm Bushing and Seal Driver Kit, Includes: (1) Seal Driver, (1) Bushing Driver, (1) Instruction |
| C    | G10322501 | -                 | Spoked Gauge Wheel Complete (Items 10-11 and 16-23)                                                         |

(IP1581)



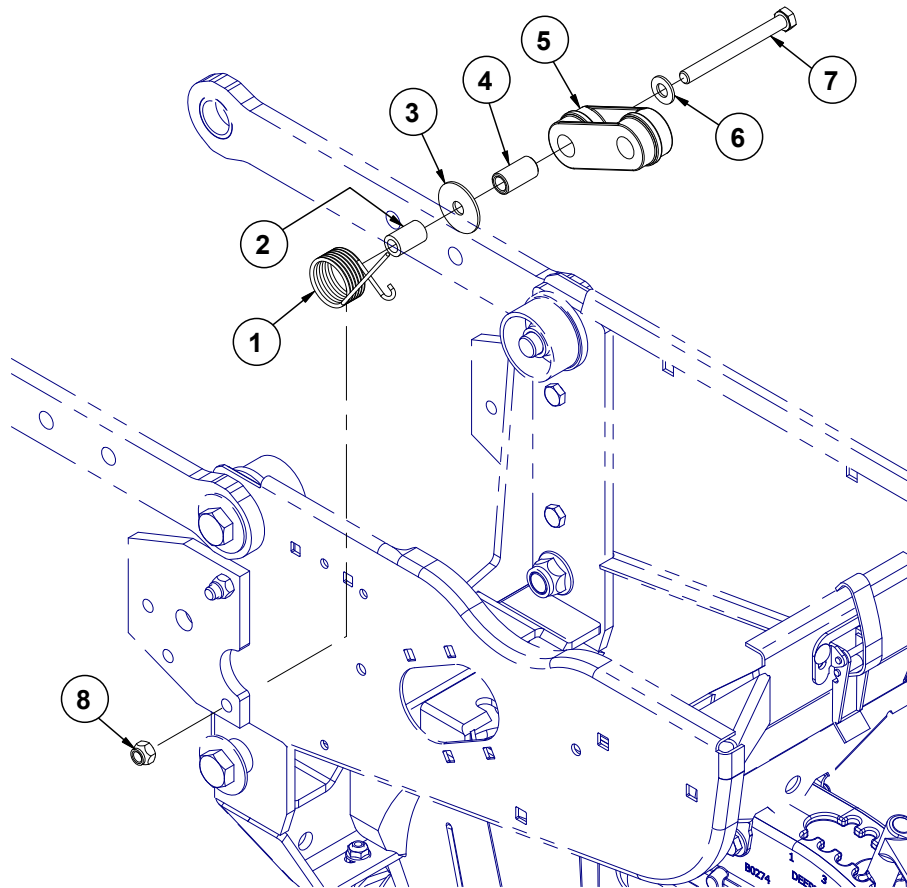
| ITEM | PART NO. | QTY.<br>(Per Row) | DESCRIPTION                                                                   |
|------|----------|-------------------|-------------------------------------------------------------------------------|
| 1    | GB0268   | 1                 | Wheel Arm Mount                                                               |
| 2    | G11387   | 1                 | Flat Washer, $\frac{3}{8}$ " SAE                                              |
| 3    | G10001   | 1                 | Hex Head Cap Screw, $\frac{3}{8}$ "-16 x 1"                                   |
| 4    | GA15197  | 1                 | Closing Wheel Arm                                                             |
| 5    | GB0254   | 1                 | Lever                                                                         |
| 6    | G10109   | 1                 | Lock Nut, $\frac{5}{16}$ "-18, Grade 8                                        |
| 7    | G10133   | 1                 | Hex Head Cap Screw, $\frac{5}{16}$ "-18 x $1\frac{1}{2}$ "                    |
| 8    | GD8460   | 1                 | Spring                                                                        |
| 9    | G10111   | 2                 | Lock Nut, $\frac{1}{2}$ "-13                                                  |
| 10   | G11419   | 2                 | Carriage Bolt, $\frac{1}{2}$ "-13 x $2\frac{1}{4}$ "                          |
| 11   | GB0239   | 2                 | Eccentric Bushing                                                             |
| 12   | GB0282   | 2                 | Stepped Bushing                                                               |
| 13   | G10064   | 6                 | Hex Head Cap Screw, $\frac{1}{4}$ "-20 x 1"                                   |
| 14   | GA6171   | 1                 | Bearing                                                                       |
| 15   | GD9120   | 2                 | Nylon Half Wheel                                                              |
| 16   | GD1085   | 1                 | Rubber Tire, 1" x 12"                                                         |
| 17   | G10013   | 2                 | Hex Head Cap Screw, $\frac{5}{8}$ "-11 x $3\frac{1}{2}$ "                     |
| 18   | G10230   | 2                 | Lock Washer, $\frac{5}{8}$ "                                                  |
| 19   | GD1109   | 2                 | Bushing, $4\frac{1}{64}$ " I.D. x $\frac{7}{8}$ " O.D. x $\frac{1}{4}$ " Long |
| 20   | G11391   | 2                 | Flat Washer, $\frac{5}{8}$ " SAE                                              |
| 21   | G10107   | 2                 | Lock Nut, $\frac{5}{8}$ "-11                                                  |
| 22   | GA6171   | 1                 | Bearing (Included W/GA26958)                                                  |
| 23   | G11862   | 1                 | Internal Retaining Ring (Included W/GA26958)                                  |
| 24   | GA26958  | 1                 | Spiked Closing Wheel Assembly (Includes items 22 and 23)                      |
| 25   | GA6597   | 1                 | Cast Iron Closing Wheel W/Bearing                                             |
|      | GA6171   | 1                 | Bearing                                                                       |
| 26   | G1K345   | -                 | Closing Wheel Shield Kit W/Hardware and Instruction                           |
|      | GD26146  | 1                 | Closing Wheel Shield (Included W/G1K345)                                      |
|      | G10599   | 1                 | Carriage Bolt, $\frac{3}{8}$ "-16 x $1\frac{1}{4}$ " (Included W/G1K345)      |
|      | G10308   | 2                 | Carriage Bolt, $\frac{3}{8}$ "-16 x $\frac{3}{4}$ " (Included W/G1K345)       |
|      | G10101   | 3                 | Hex Nut, $\frac{3}{8}$ "-16 (Included W/G1K345)                               |
|      | G10229   | 3                 | Lock Washer, $\frac{3}{8}$ " (Included W/G1K345)                              |
|      | G11387   | 1                 | Hardened Washer, $\frac{3}{8}$ " SAE (Included W/G1K345)                      |
| A    | GA6434   | -                 | Rubber Closing Wheel Complete W/Bearing (Items 13-16)                         |

(IP1582)



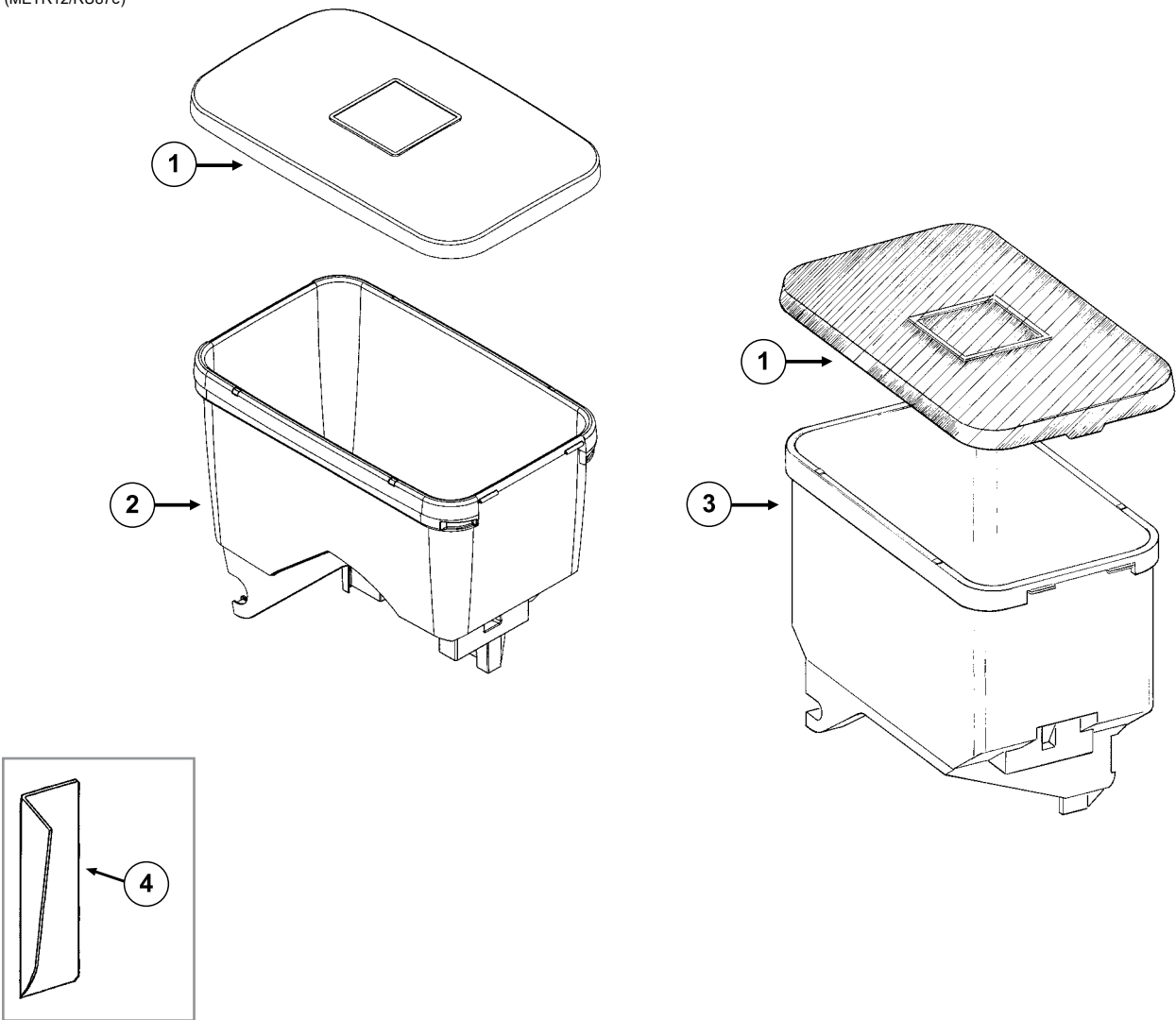
| ITEM | PART NO.  | QTY.<br>(Per Row) | DESCRIPTION                                                                      |
|------|-----------|-------------------|----------------------------------------------------------------------------------|
| 1    | ---       | 1                 | <a href="#">See "Shank Assembly, Seed Tube, and Depth Adjustment" on page P3</a> |
| 2    | G10752    | 2                 | Hex Head Cap Screw, 5/8"-18 x 2 1/4"                                             |
| 3    | G10329801 | 1                 | Hopper Support                                                                   |
| 4    | GA2007    | 1                 | Hopper Hold Down Latch                                                           |
| 5    | G10309    | 2                 | Carriage Bolt, 1/4"-20 x 5/8", Grade 2                                           |
|      | G10621    | 2                 | Serrated Flange Nut, 1/4"-20                                                     |
| 6    | G10061    | 1                 | Hex Head Cap Screw, 3/8"-16 x 3 1/2"                                             |
|      | G11387    | 2                 | Flat Washer, 3/8" SAE                                                            |
|      | G10108    | 1                 | Lock Nut, 3/8"-16                                                                |
| 7    | G11013701 | 1                 | Clutch Adapter Plate                                                             |
| 8    | G10338    | 2                 | Carriage Bolt, 5/16"-18 x 1 1/4"                                                 |
|      | G10109    | 2                 | Lock Nut, 5/16"-18, Grade 8                                                      |
| 9    | G10567    | 1                 | External Retaining Ring, 5/8"                                                    |
| 10   | GD11239   | 1                 | Knob                                                                             |
| 11   | GA10137   | 1                 | Double Sprocket and Bearing, Drive Clutch, 11/19 Tooth (Mechanical)              |
|      | GA12143   | -                 | Double Sprocket and Bearing, Drive Clutch, 11/28 Tooth (Vacuum)                  |
| 12   | G10602    | 1                 | Spring Pin, 1/4" x 1 1/2"                                                        |
| 13   | GD29507   | 1                 | Clutch Shaft                                                                     |
| 14   | GD11413   | 1                 | Spring                                                                           |
| 15   | GB0278    | 1                 | Coupler                                                                          |
| 16   | G10546    | 1                 | Spring Pin, 3/16" x 1 1/4"                                                       |
| 17   | GD17052   | -                 | Vacuum Plug                                                                      |
| A    | GA10151   | -                 | Seed Meter Clutch Assembly, 11/19 Tooth (Items 9-16) (Mechanical)                |
| B    | GA20640   | -                 | Seed Meter Clutch Assembly, 11/28 Tooth (Items 9-16) (Vacuum)                    |

(IP1583)



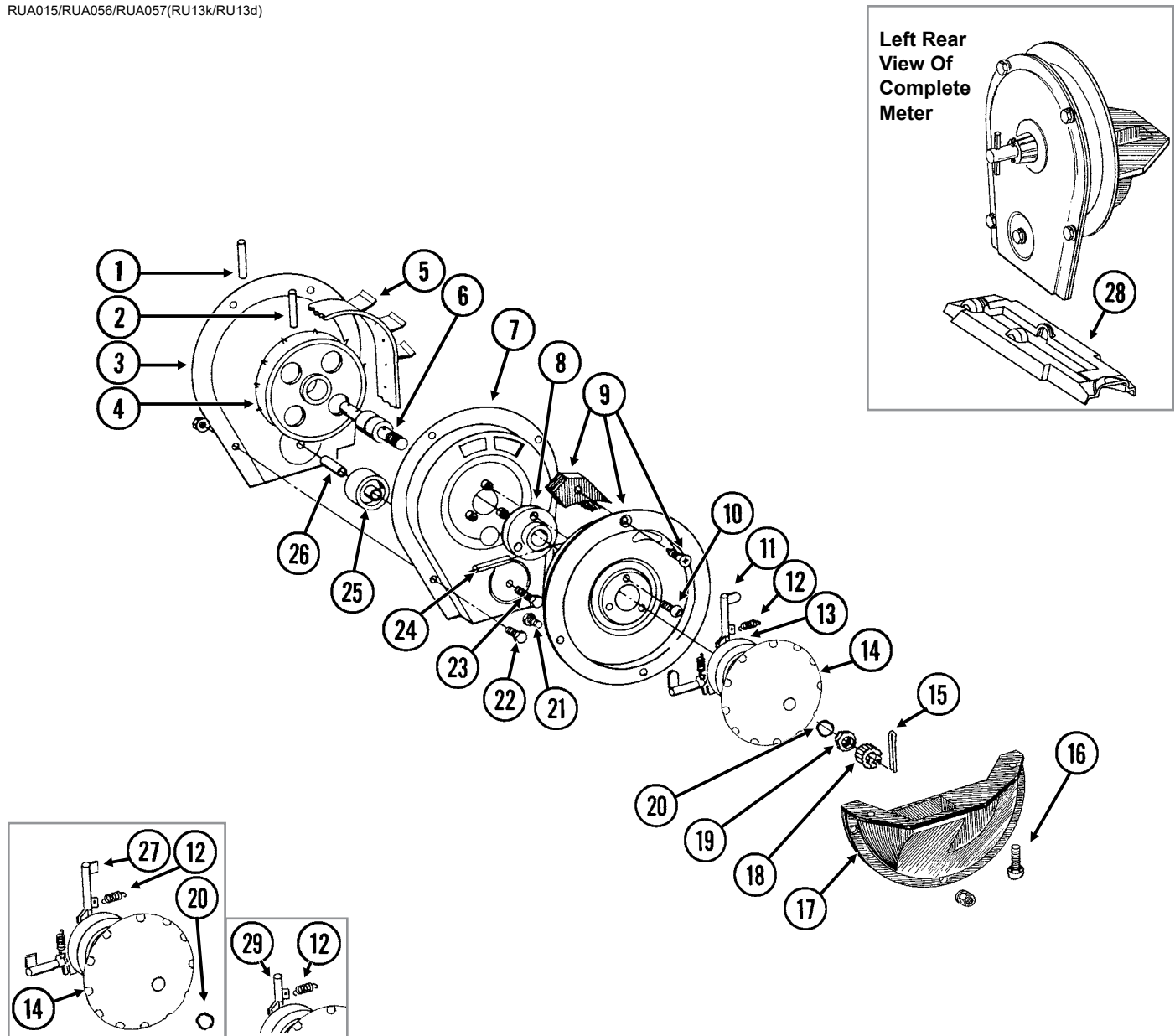
| ITEM | PART NO. | QTY.<br>(Per Row) | DESCRIPTION                                                |
|------|----------|-------------------|------------------------------------------------------------|
| 1    | GD1065   | 1                 | Idler Spring                                               |
| 2    | GD7318   | 1                 | Sleeve, 1" Long                                            |
| 3    | G10201   | 1                 | Special Washer, $\frac{3}{8}$ " x 1 $\frac{1}{2}$ " O.D.   |
| 4    | GD1026   | 1                 | Sleeve, 1 $\frac{3}{16}$ " Long                            |
| 5    | GD11962  | 1                 | Idler                                                      |
| 6    | G11387   | 1                 | Flat Washer, $\frac{3}{8}$ " SAE                           |
| 7    | G10326   | 1                 | Hex Head Cap Screw, $\frac{3}{8}$ "-16 x 3 $\frac{3}{4}$ " |
| 8    | G10108   | 1                 | Lock Nut, $\frac{3}{8}$ "-16                               |

(METR12/RU87e)

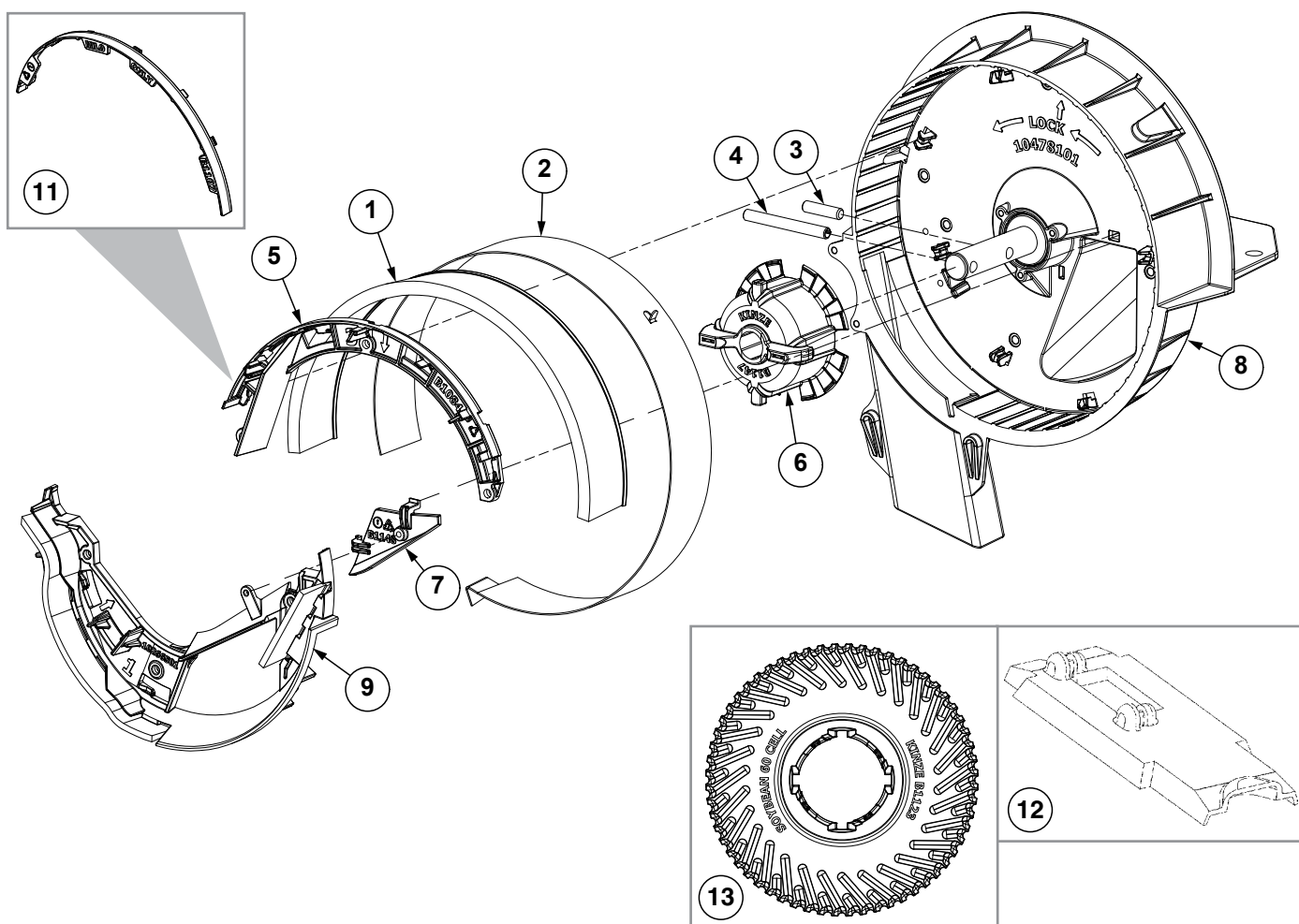


| ITEM | PART NO. | QTY. | DESCRIPTION                                    |
|------|----------|------|------------------------------------------------|
| 1    | GD11279  | 1    | Lid                                            |
| 2    | GA24873  | 1    | Seed Hopper (Vacuum)                           |
|      | GD12561  | -    | Threaded Insert, 5/16"-18 (Included W/GA20254) |
| 3    | GA9714   | 1    | Seed Hopper, Reinforced (Mechanical)           |
|      | GD12561  | -    | Threaded Insert, 5/16"-18 (Included W/GA9714)  |
| 4    | GD11747  | 1    | Seed Reserve Baffle                            |

RUA015/RUA056/RUA057(RU13k/RU13d)

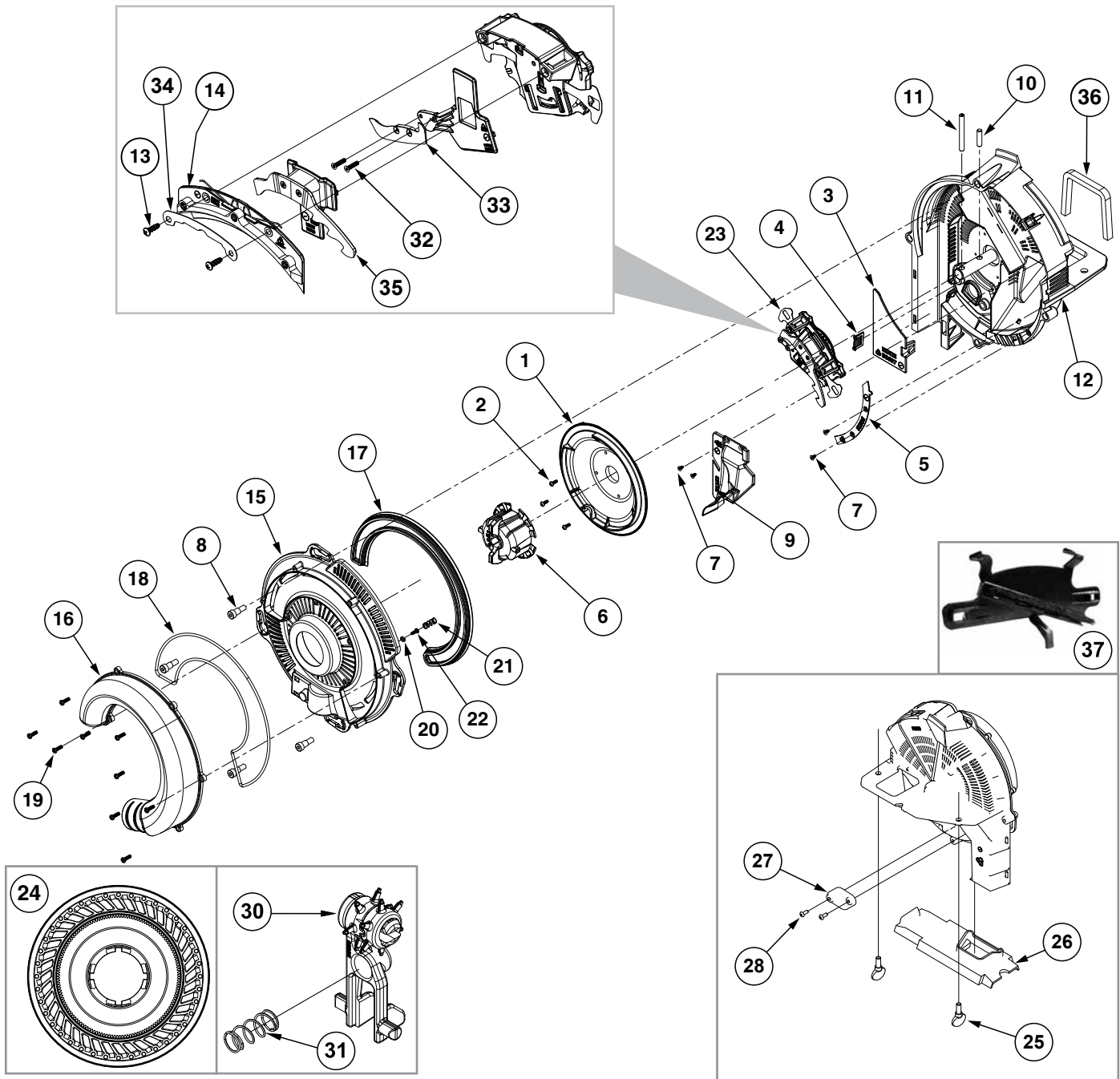


| ITEM | PART NO.  | QTY.<br>(Per Row) | DESCRIPTION                                                   |
|------|-----------|-------------------|---------------------------------------------------------------|
| 1    | G10602    | 1                 | Spring Pin, 1/4" x 1 1/2"                                     |
| 2    | G10604    | 1                 | Spring Pin, 3/16" x 1 1/2"                                    |
| 3    | G10429301 | 1                 | Housing Cover                                                 |
| 4    | GD1041    | 1                 | Belt Drive Sprocket                                           |
| 5    | GD11286   | 1                 | Seed Belt                                                     |
| 6    | GA2019    | 1                 | Bearing                                                       |
| 7    | G10429101 | 1                 | Conveyor Housing                                              |
| 8    | GB0110    | 1                 | Bearing Housing                                               |
| 9    | GR1569    | -                 | Carrier Plate W/Brush and Screw (Corn)                        |
|      | GR0664    | -                 | Carrier Plate W/Brush and Screw (Sunflower)                   |
|      | GA2020    | -                 | Brush                                                         |
|      | G10690    | -                 | Rolling Thread Screw, No. 10 x 3/4"                           |
| 10   | G10401    | 3                 | Slotted Hex Washer Head Screw, No. 10-32 x 5/8"               |
| 11   | GD18704   | 12                | Finger, Corn                                                  |
| 12   | GD19790   | 12                | Spring                                                        |
| 13   | GB0410    | 1                 | Cam                                                           |
| 14   | GD11528   | 1                 | Finger Holder                                                 |
| 15   | G10470    | 1                 | Cotter Pin, 5/32" x 1"                                        |
| 16   | G11009    | 2                 | Locking Thumbscrew, 5/16"-18 x 3/4"                           |
| 17   | GD36922   | 1                 | Seed Baffle                                                   |
| 18   | GD1083    | 1                 | Cover Nut                                                     |
| 19   | G10500    | 1                 | Jam Nut, 5/8"-18 UNF                                          |
| 20   | GA8343    | 1                 | Wave Washer, 5/8" (Triple Wave)                               |
| 21   | G10020    | 3                 | Hex Head Cap Screw, 1/4"-20 x 5/8"                            |
|      | G10323    | 3                 | Hex Flange Nut, 1/4"-20, No Serrations                        |
| 22   | G10022    | 4                 | Hex Head Cap Screw, 1/4"-20 x 1/2"                            |
|      | G10621    | 4                 | Serrated Flange Nut, 1/4"-20                                  |
| 23   | G10021    | 1                 | Hex Head Cap Screw, 1/4"-20 x 1 1/2"                          |
|      | G10621    | 1                 | Serrated Flange Nut, 1/4"-20                                  |
| 24   | G10603    | 1                 | Spring Pin, 1/4" x 1 1/4"                                     |
| 25   | GD1042    | 1                 | Idler                                                         |
| 26   | GB0120    | 1                 | Bushing, 1 7/64" I.D. x 1 1/32" Long                          |
| 27   | GD19333   | 12                | Finger, Oil Sunflower                                         |
| 28   | GD15698   | 1                 | Shank Cover, Finger Pickup Seed Meter                         |
| 29   | GD11787   | -                 | Half Rate Blank Finger                                        |
| A    | GR1848    | -                 | Finger Assembly, Corn (Items 11-14 and 20)                    |
| B    | GR2154    | -                 | Finger Assembly, Oil Sunflower (Items 12, 14, 20, 27, and 30) |
| C    | 700-01078 | -                 | Corn Meter (Items 1-26 and 28)                                |



| ITEM | PART NO.   | QTY.<br>(Per Row) | DESCRIPTION                                                                |
|------|------------|-------------------|----------------------------------------------------------------------------|
| 1    | GA5699     | 1                 | Upper Brush                                                                |
| 2    | GD8778     | 1                 | Wear Strip                                                                 |
| 3    | G11448     | 1                 | Pin, 1/4" x 1"                                                             |
| 4    | G10475     | 1                 | Spring Pin, 1/4" x 2 1/4"                                                  |
| 5    | GB1084     | 1                 | Upper Brush Retainer (Used W/Soybean and Wheat Discs)                      |
| 6    | GB1147     | 1                 | Disc Hub                                                                   |
| 7    | GB1148     | 1                 | Lower Retainer Wall                                                        |
| 8    | G10478401  | 1                 | Brush Meter Housing W/Bearing                                              |
| 9    | G10476201  | 1                 | Lower Brush Retainer Assembly                                              |
|      | G10266501  | 1                 | Lower Brush Retainer (Included W/G10476201)                                |
|      | GD34021-02 | 1                 | Brush, 6" (Included W/G10476201)                                           |
|      | GD35784-01 | 1                 | Brush, 2" (Included W/G10476201)                                           |
| 10   | ---        | ---               | ---                                                                        |
| 11   | GB1107     | -                 | Upper Brush Retainer (Used W/Milo/Grain Sorghum Discs)                     |
| 12   | GD15699    | 1                 | Shank Cover, Brush-Type Seed Meter                                         |
| 13   | GB1123     |                   | Seed Disc, Soybean, 60 Cell, Black Color-Coded                             |
|      | GB1171     |                   | Seed Disc, Soybean, 54 Cell, Dark Gray Color-Coded                         |
|      | GB1124     |                   | Seed Disc, Soybean, 48 Cell, Dark Blue Color-Coded                         |
|      | GB1130     |                   | Seed Disc, Small Milo/Grain Sorghum, 30 Cell, Orange Color-Coded           |
|      | GB1131     |                   | Seed Disc, Large Milo/Grain Sorghum, 30 Cell, Light Blue Color-Coded       |
|      | GB1132     |                   | Seed Disc, High Rate Small Milo/Grain Sorghum, 60 Cell, Red Color-Coded    |
|      | GB1133     |                   | Seed Disc, High Rate Large Milo/Grain Sorghum, 60 Cell, Yellow Color-Coded |
|      | GB1134     |                   | Seed Disc, Wheat, 54 Cell, Purple Color-Coded                              |
| A    | 700-01339  | -                 | Brush Meter 2.0 (Items 1-11)                                               |

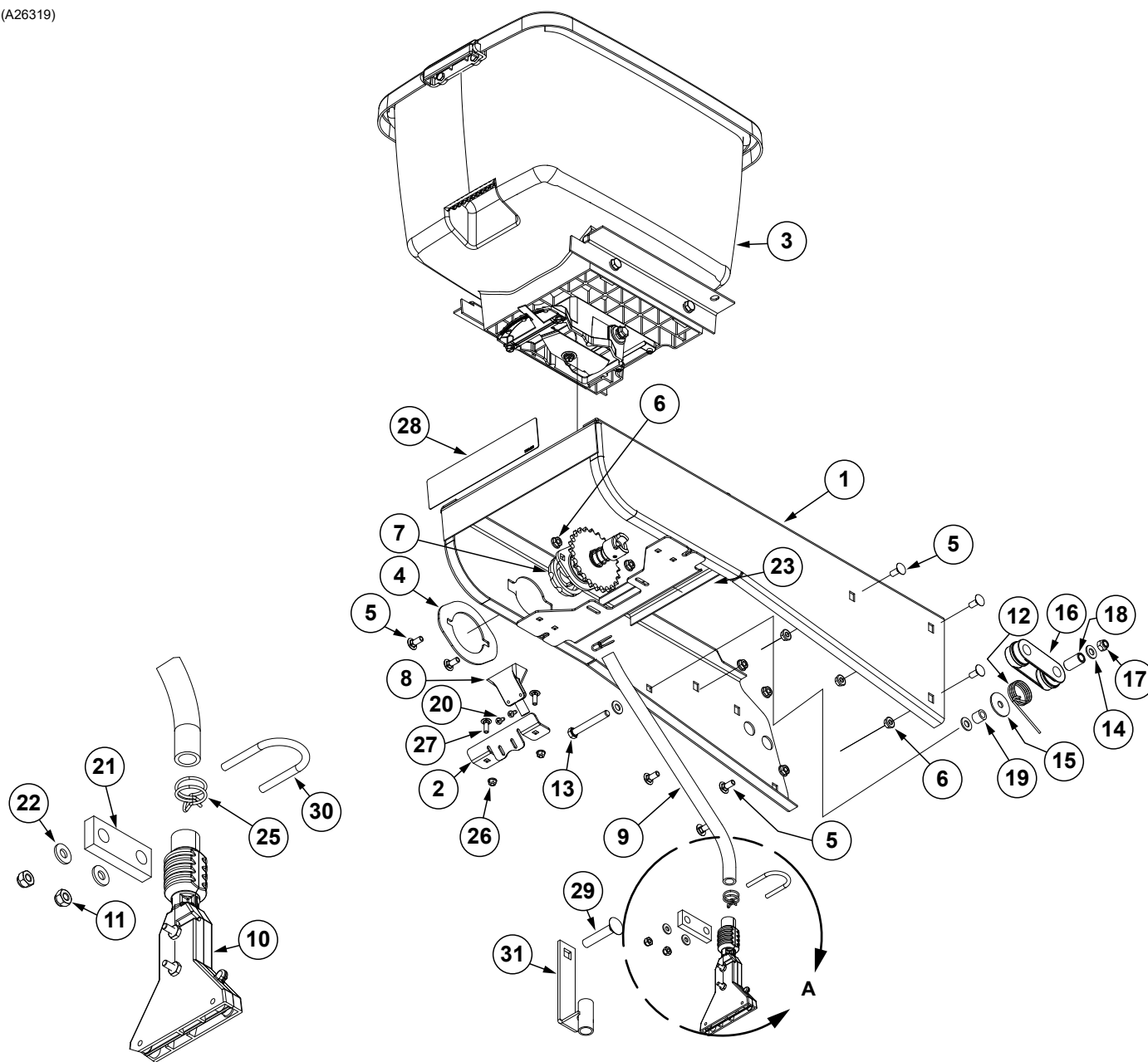
(IP1507)



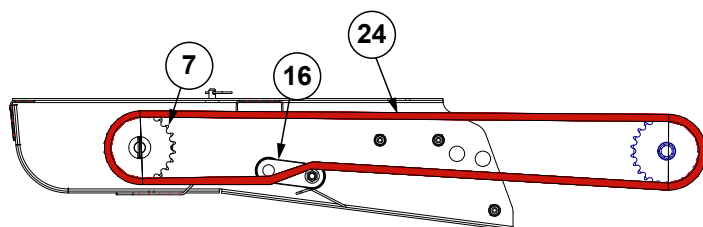
| ITEM | PART NO. | QTY. | DESCRIPTION                                                     |
|------|----------|------|-----------------------------------------------------------------|
| 1    | GB0815   | 1    | Shield                                                          |
| 2    | G11965   | 3    | Torx Pan Head Tapping Screw, No. 6-19 x 3/8"                    |
| 3    | GB0697   | 1    | Chute Cover                                                     |
| 4    | GB0780   | 1    | Brush                                                           |
| 5    | GB0823   | 1    | Baffle                                                          |
| 6    | GB1147   | 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 |
| 9    | GA24878  | 1    | Baffle Assembly                                                 |

| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                                                           |
|------|-----------|------|-----------------------------------------------------------------------------------------------------------------------|
| 10   | G11448    | 1    | Pin, ¼" x 1"                                                                                                          |
| 11   | G10475    | 1    | Spring Pin, ¼" x 2¼"                                                                                                  |
| 12   | GA24877   | 1    | Meter Housing W/Bearing                                                                                               |
| 13   | G11578    | 2    | Phillips Pan Head Tapping Screw, No. 8-18 x ½"                                                                        |
| 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 ½"                                                                            |
| 20   | GB0907    | 1    | Retainer Spring                                                                                                       |
| 21   | G10483101 | 1    | Compression Spring                                                                                                    |
| 22   | G11619    | 1    | Phillips Pan Head Tapping Screw, No. 6-19 x ⅜"                                                                        |
| 23   | GA24752   | 1    | Singulator Assembly (Includes Items 13 and 14)                                                                        |
| 24   | G11152X   | 1    | Seed Disc, Corn (40 Cell) Light Blue Color-Coded, Ejector Wheel, and Spring                                           |
|      | G11047X   | -    | Seed Disc, Soybean (120 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                                            |
|      | G11105X   | -    | Seed Disc, Cotton (60 Cell) Green Color-Coded, Ejector Wheel, and Spring                                              |
|      | G11106X   | -    | Seed Disc, Black Turtle, Navy Edible Bean and Popcorn (60 Cell) Brown Color-Coded, Ejector Wheel, and Spring          |
|      | G11107X   | -    | Seed Disc, Pinto, Great Northern Edible Beans, and Soybean (60 Cell) Dark Blue Color Coded, Ejector Wheel, and Spring |
|      | GB1237    | -    | Anti-Static Blank Seed Disc                                                                                           |
|      | GB1231    | -    | Blank Seed Disc                                                                                                       |
|      | G11048X   | -    | Seed Disc, Soybean (60 Cell) Black Color-Coded                                                                        |
|      | G11042X   | -    | Seed Disc, Wheat (54 Cell) Purple Color-Coded                                                                         |
|      | G11332X   | -    | Seed Disc, Wheat (231 Cell) Red Color-Coded, Ejector Wheel, and Spring (Includes Item 42)                             |
| 25   | G11009    | 2    | Locking Thumbscrew, ⅝"-18 x ¾"                                                                                        |
| 26   | GB0926    | 1    | Shank Cover                                                                                                           |
| 27   | GD28631   | 1    | Cover Plate                                                                                                           |
| 28   | G11281    | 2    | Hex Button Head Cap Screw, 10-24 x ½"                                                                                 |
| 29   | ---       | -    | -                                                                                                                     |
| 30   | G10665101 | -    | Ejector Arm, Corn                                                                                                     |
|      | G10483401 | -    | Ejector Arm, Soybean (120 Cell)                                                                                       |
|      | G10665001 | -    | Ejector Arm, Sunflower                                                                                                |
|      | GA19115   | -    | Ejector Arm, Beets/Milo                                                                                               |
|      | G10484901 | -    | Ejector Arm, Black Turtle, Navy, Pinto, Great Northern Edible Bean, Popcorn                                           |
|      | G10483201 | -    | Ejector Arm, Soybean (60 Cell)                                                                                        |
|      | GA26989   | -    | Ejector Arm, Wheat (54 Cell)                                                                                          |
|      | G10936101 | -    | Ejector Arm, Wheat (231 Cell)                                                                                         |
| 31   | G10483101 | -    | Compression Spring                                                                                                    |
| 32   | G11693    | 2    | Torx Flat Head Machine Screw, No. 4-40 x ½"                                                                           |
| 33   | GB0921    | 1    | Lower Blade                                                                                                           |
| 34   | GD29657   | 1    | Retainer                                                                                                              |
| 35   | GB0958    | 1    | Outer Blade                                                                                                           |
| 36   | GD34774   | 1    | Meter Gasket                                                                                                          |
| 37   | G10983301 | 1    | Wheat Brush Singulator Assembly                                                                                       |
|      | G10983101 | 1    | Wheat Brush Mount (Included W/G10983301)                                                                              |
|      | G10983201 | 1    | Brush (Included W/G10983301)                                                                                          |
| A    | G9903X    | -    | Vacuum Meter Assembly, Pull Row Unit (Excludes Items 24 and 29-31)                                                    |
| B    | G9897X    | -    | Vacuum Meter Assembly, Push Row Unit (Excludes Items 16, 24, and 30-31)                                               |
| C    | GA20622   | -    | Cover Assembly (Items 15-22)                                                                                          |

(A26319)



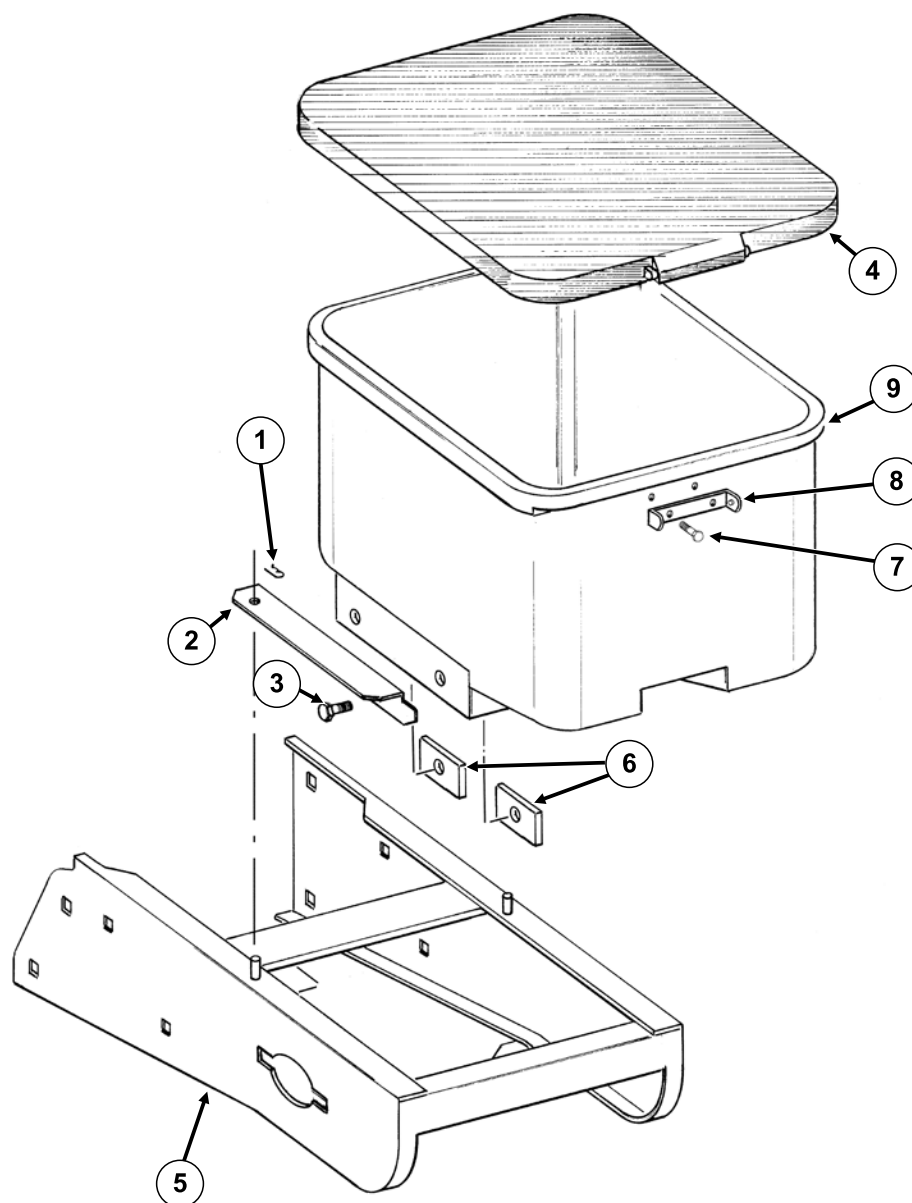
Detail A



Chain Routing

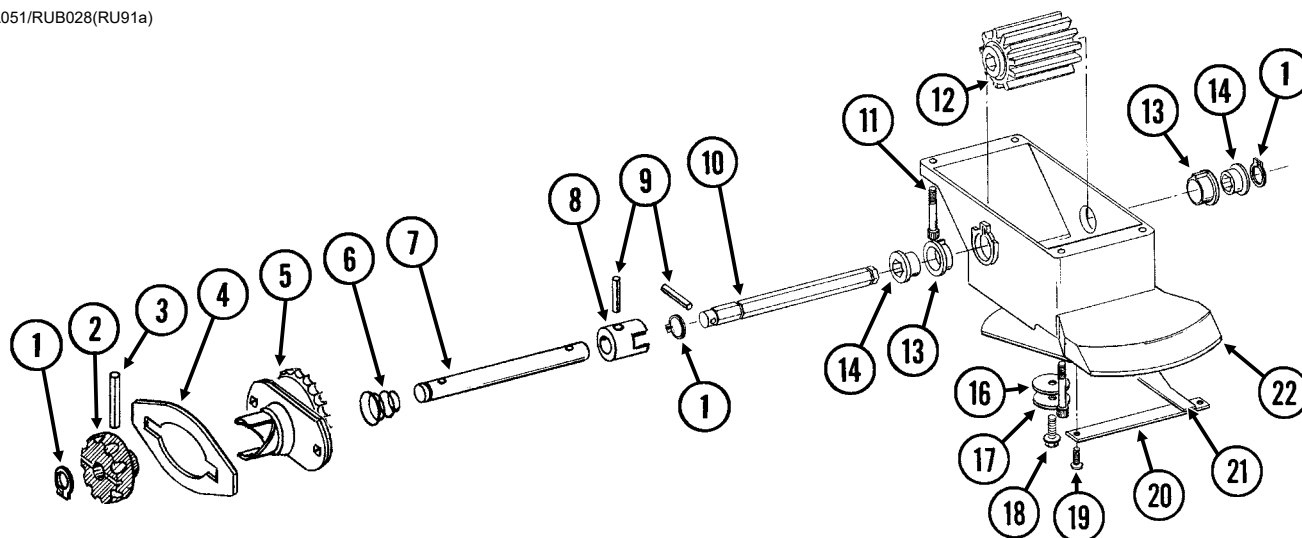
| ITEM | PART NO.  | QTY.<br>(Per Row) | DESCRIPTION                                                                           |
|------|-----------|-------------------|---------------------------------------------------------------------------------------|
| 1    | A26287    | 1                 | Hopper Panel Extension <b>(Non-Stock Item)</b>                                        |
| 2    | GD36277   | 1                 | Funnel Bracket                                                                        |
| 3    | ---       | -                 | <a href="#">See "Granular Chemical Hopper and Hopper Panel Extension" on page P27</a> |
| 4    | GD11305   | 1                 | Plate                                                                                 |
| 5    | G10312    | 8                 | Carriage Bolt, 5/16"-18 x 3/4"                                                        |
| 6    | G10620    | 8                 | Serrated Flange Nut, 5/16"-18                                                         |
| 7    | ---       | 1                 | <a href="#">See "Granular Chemical Meter and Meter Drive" on page P28</a>             |
| 8    | GD2423    | 1                 | Funnel                                                                                |
| 9    | GD2947    | 1                 | Hose, 7/16" x 28"                                                                     |
| 10   | GA6907    | 1                 | Slope-Compensating Bander W/Hardware (4 1/2" Band Width)                              |
|      | G10864    | 1                 | Uni-Clamp (Included W/GA6907)                                                         |
|      | G10757    | 2                 | Pan Head Screw, No. 10-32 x 1 1/4" (Included W/GA6907)                                |
|      | G10758    | 2                 | Hex Nut, No. 10-32 (Included W/GA6907)                                                |
| 11   | G10110    | 2                 | Lock Nut, 1/4"-20, Grade B                                                            |
| 12   | GD11219   | 1                 | Spring                                                                                |
| 13   | G10325    | 1                 | Hex Head Cap Screw, 3/8"-16 x 2 3/4"                                                  |
| 14   | G11387    | 3                 | Flat Washer, 3/8" SAE                                                                 |
| 15   | G10201    | 1                 | Special Washer, 3/8" x 1 1/2" O.D.                                                    |
| 16   | GD11962   | 1                 | Idler                                                                                 |
| 17   | G10108    | 1                 | Lock Nut, 3/8"-16                                                                     |
| 18   | GD1026    | 1                 | Sleeve, 1 3/16" Long                                                                  |
| 19   | GD2971-10 | 1                 | Sleeve, 9/16" Long                                                                    |
| 20   | G10966    | 2                 | Phillips Head Self-Tapping Screw, No. 10 x 1/2"                                       |
| 21   | GD10984   | 1                 | Spacer                                                                                |
| 22   | G11385    | 2                 | Flat Washer, 1/4" SAE                                                                 |
| 23   | G10670    | 2                 | Hair Pin Clip, No. 3                                                                  |
| 24   | G3303-114 | 1                 | Chain, No. 41, 114 Pitch Including Connector Link (Mechanical)                        |
|      | G3303-108 | -                 | Chain, No. 41, 108 Pitch Including Connector Link (Vacuum)                            |
|      | GR0196    | 1                 | Connector Link, No. 41                                                                |
| 25   | G11209    | 2                 | Wire Hose Clamp, 3/4"                                                                 |
| 26   | G10621    | 2                 | Serrated Flange Nut, 1/4"-20                                                          |
| 27   | G10310    | 2                 | Carriage Bolt, 1/4"-20 x 3/4", Grade 2                                                |
| 28   | ---       | -                 | <a href="#">See "Decals, Paint, and Miscellaneous" on page P113</a>                   |
| 29   | G10315    | 1                 | Carriage Bolt, 1/2"-13 x 2 1/2" (Replaces Existing 1/2" x 2 1/4" Hardware)            |
| 30   | GD10963   | 1                 | U-Bolt, 1 1/2" x 1 5/16" x 1/4"-20                                                    |
| 31   | GA6741    | 1                 | Bracket (Straight Drop In-Furrow)                                                     |

(METR14d)



| ITEM | PART NO. | QTY.<br>(Per Row) | DESCRIPTION                                              |
|------|----------|-------------------|----------------------------------------------------------|
| 1    | G10670   | 2                 | Hair Pin Clip, No. 3                                     |
| 2    | GD1059L  | 1                 | Support, L.H. (Shown)                                    |
|      | GD1059R  | 1                 | Support, R.H.                                            |
| 3    | G10002   | 4                 | Hex Head Cap Screw, $\frac{3}{8}$ "-16 x $\frac{3}{4}$ " |
|      | G10229   | 4                 | Lock Washer, $\frac{3}{8}$ "                             |
| 4    | GA4444   | 1                 | Lid                                                      |
| 5    | GA26287  | 1                 | Hopper Panel Extension <b>(Non-Stock Item)</b>           |
| 6    | GD11424  | 4                 | Block                                                    |
| 7    | G10023   | 2                 | Hex Head Cap Screw, $\frac{1}{4}$ "-20 x $\frac{3}{4}$ " |
|      | G10621   | 2                 | Serrated Flange Nut, $\frac{1}{4}$ "-20                  |
| 8    | GD1060   | 1                 | Hinge                                                    |
| 9    | GA8371   | 1                 | Hopper                                                   |

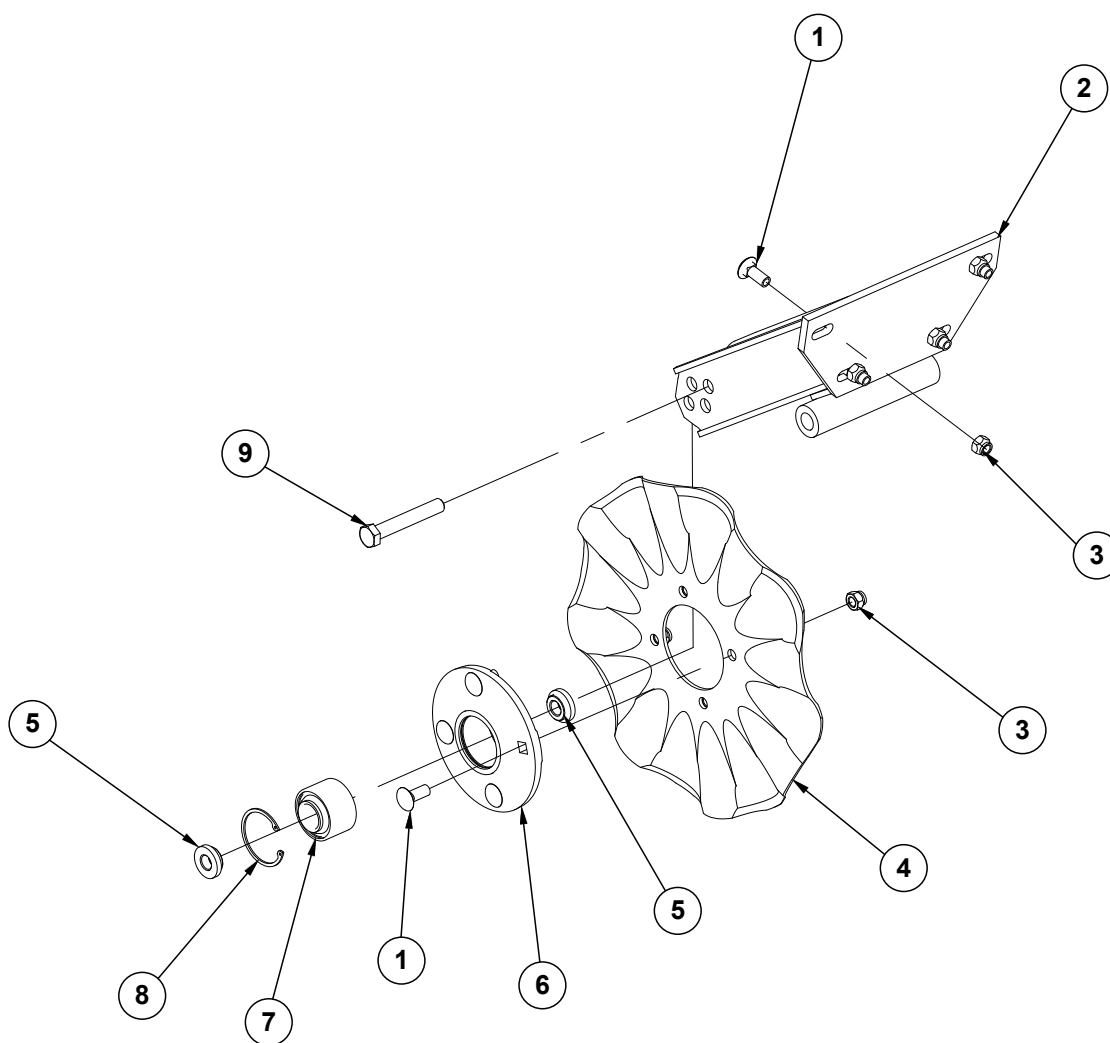
RUA051/RUB028(RU91a)



| ITEM | PART NO. | QTY.<br>(Per Row) | DESCRIPTION                                                                           |
|------|----------|-------------------|---------------------------------------------------------------------------------------|
| 1    | G10567   | 3                 | External Retaining Ring, $\frac{5}{8}$ "                                              |
| 2    | GD11239  | 1                 | Knob                                                                                  |
| 3    | G10602   | 1                 | Spring Pin, $\frac{1}{4}$ " x $1\frac{1}{2}$ "                                        |
| 4    | ---      | -                 | <a href="#">See "Granular Chemical Hopper and Hopper Panel Extension" on page P27</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, $\frac{3}{16}$ " x $1\frac{1}{4}$ "                                       |
| 10   | GD11297  | 1                 | Shaft                                                                                 |
| 11   | G11793   | 4                 | Hex Socket Head Cap Screw, No. 10-24 x $\frac{7}{8}$ "                                |
| 12   | GD7148   | 1                 | Feed Roller, Hex Bore                                                                 |
| 13   | GB0115   | 2                 | Bearing                                                                               |
| 14   | GD7258   | 2                 | Hex Bushing                                                                           |
| 15   | ---      | -                 | ---                                                                                   |
| 16   | G10660   | 1                 | Wave Washer, $\frac{1}{2}$ "                                                          |
| 17   | G11385   | 1                 | Flat Washer, $\frac{1}{4}$ " SAE                                                      |
| 18   | G10570   | 1                 | Slotted Hex Self-Tapping Screw, $\frac{1}{4}$ "-20 x $\frac{3}{4}$ "                  |
| 19   | G11073   | 2                 | Slotted Hex Self-Tapping Screw, No. 10 x $\frac{3}{8}$ "                              |
| 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)                                    |

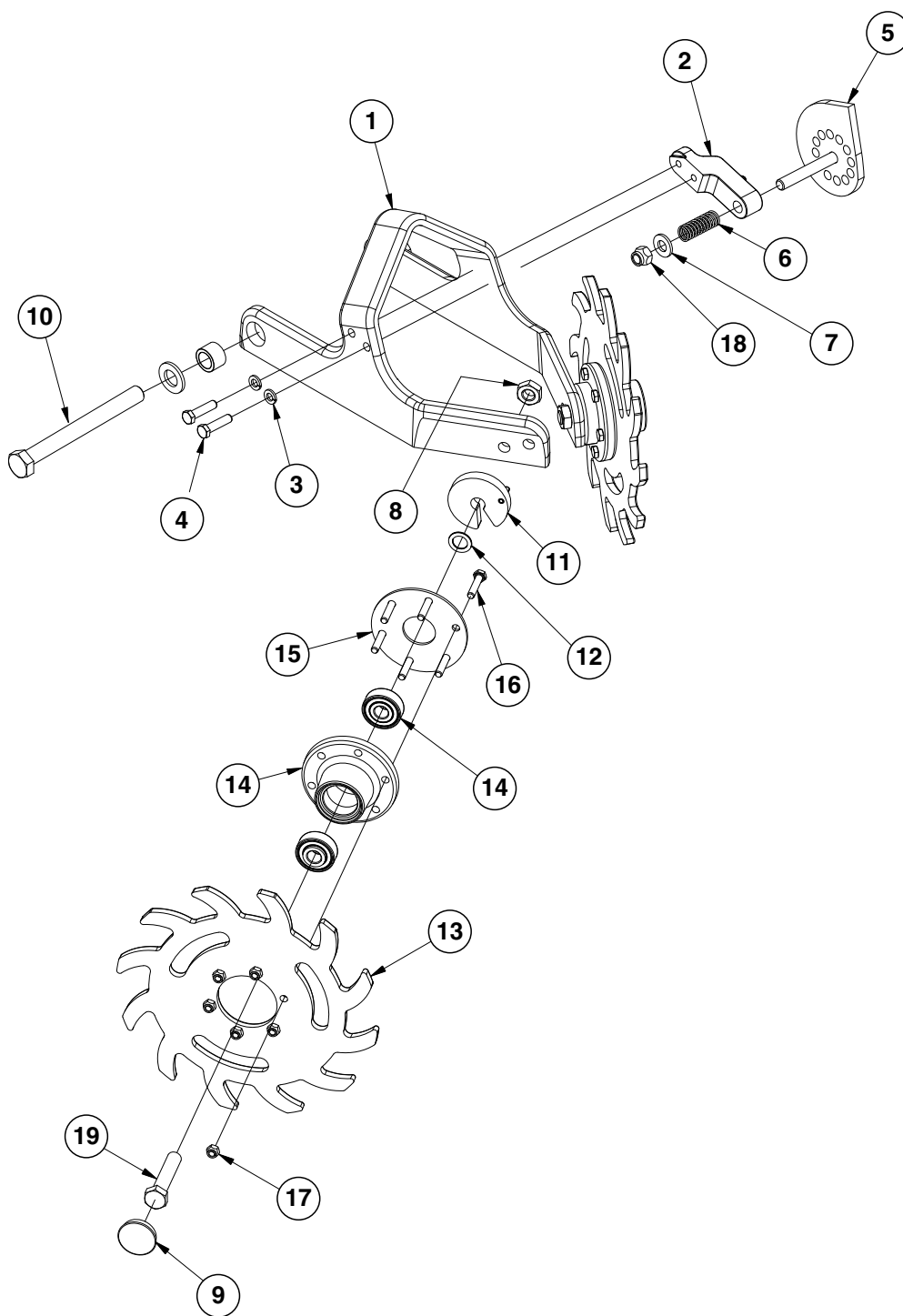
**This page left blank intentionally.**

(IP1279)



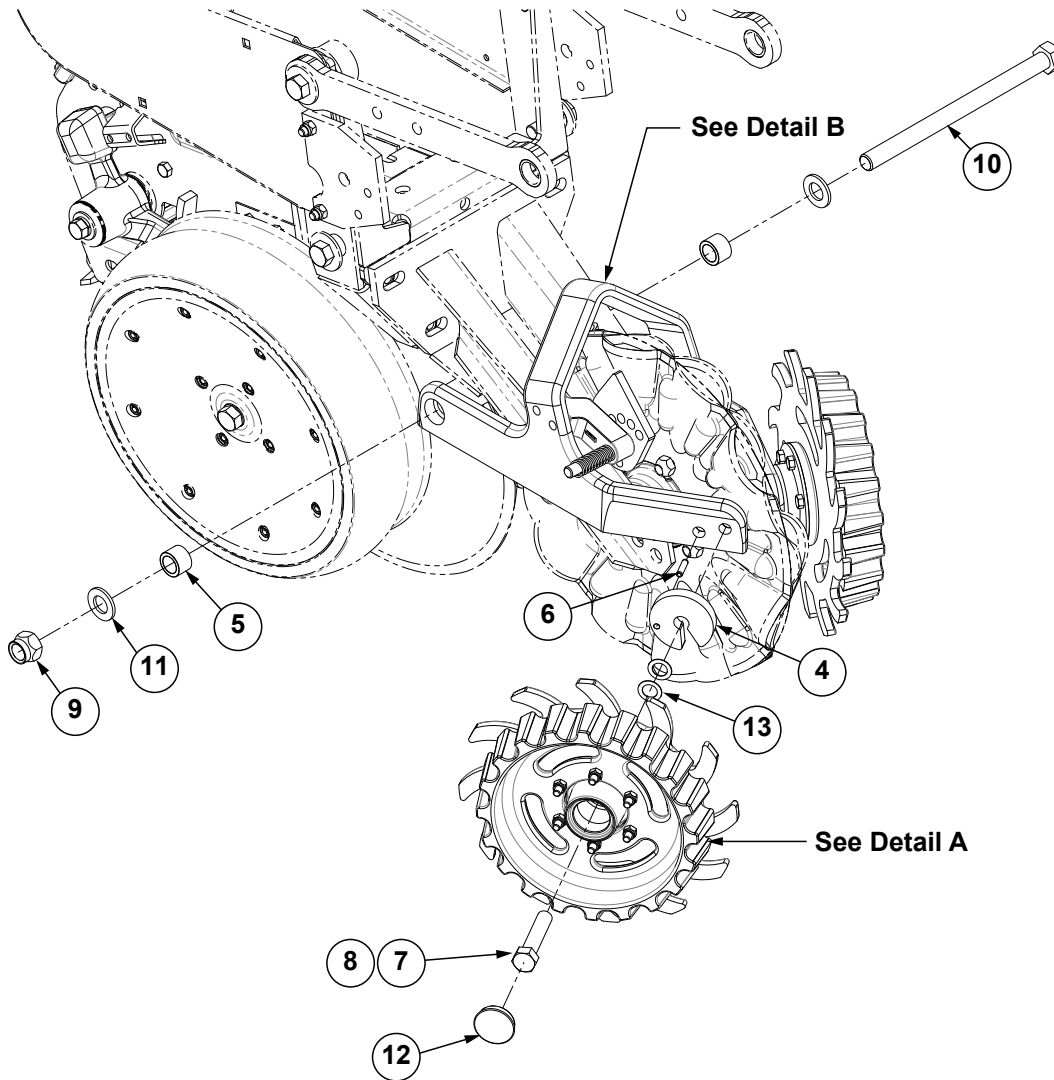
| ITEM | PART NO.  | QTY.<br>(Per Row) | DESCRIPTION                                               |
|------|-----------|-------------------|-----------------------------------------------------------|
| 1    | G10636    | 8                 | Carriage Bolt, 1/2"-13 x 1 1/2"                           |
| 2    | GA24239   | 1                 | Arm                                                       |
| 3    | G10111    | 8                 | Lock Nut, 1/2"-13                                         |
| 4    | GD7803    | 1                 | Disc Blade, Fluted, 1", 8 Flutes (Shown)                  |
|      | GD7804    | -                 | Disc Blade, Bubbled, 1"                                   |
|      | GD9254    | -                 | Disc Blade, Fluted, 3/4", 13 Flutes                       |
|      | G10901301 | -                 | Disc Blade, Fluted, 5/16", 25 Waves                       |
| 5    | GD11677   | 2                 | Adapter                                                   |
| 6    | GA8641    | 1                 | Hub W/Bearing And Retaining Ring (Includes items 7 and 8) |
| 7    | GA8603    | 1                 | Bearing, Double Row                                       |
| 8    | GD19292   | 1                 | Retaining Ring (Square), 2 7/16"                          |
| 9    | G10036    | 1                 | Hex Head Cap Screw, 5/8"-11 x 4"                          |
|      | G10107    | 1                 | Lock Nut, 5/8"-11                                         |

(IP1468)

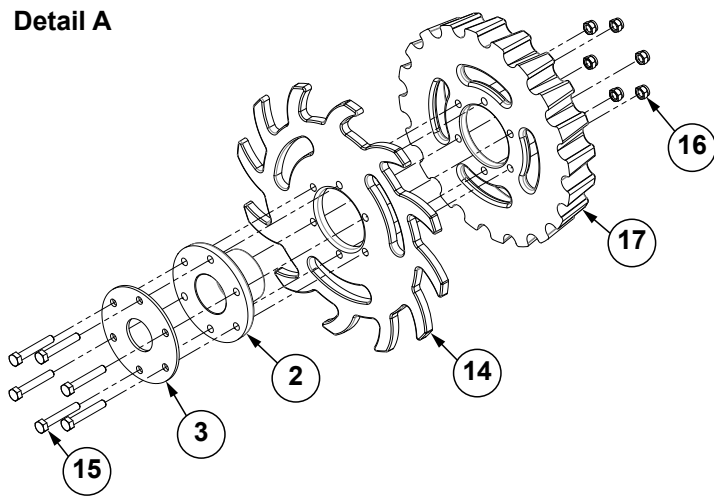


| ITEM | PART NO. | QTY.<br>(Per Row) | DESCRIPTION                                    |
|------|----------|-------------------|------------------------------------------------|
| 1    | GB0464   | 1                 | Residue Wheel Mount                            |
| 2    | GD26973  | 1                 | 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                 | Cam                                            |
| 6    | GD10519  | 1                 | Spring                                         |
| 7    | G11389   | 1                 | Flat Washer, 1/2" Plated SAE                   |
| 8    | G10503   | 2                 | Hex Jam Nut, 5/8"-11, Grade 2                  |
| 9    | GD1132   | 2                 | Dust Cap                                       |
| 10   | G11236   | 1                 | Hex Head Cap Screw, 3/4"-10 x 10 1/2"          |
|      | G11392   | 2                 | Flat Washer, 3/4" SAE                          |
|      | GB0383   | 2                 | Bushing, 1 1/8" O.D. x 25/32" I.D. x 3/4" Long |
|      | G11228   | 1                 | Lock Nut, 3/4"-10                              |
| 11   | GA8760   | 2                 | Weed Guard W/Spring Pin                        |
|      | G10765   | -                 | Spring Pin, 1/4" x 1" (Included W/GA8760)      |
| 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 (Included W/GA5654)                    |
| 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"               |
| A    | GA12235  | -                 | L.H. Residue Wheel (Items 13-17)               |
| B    | GA12236  | -                 | R.H. Residue Wheel (Items 13-17)               |

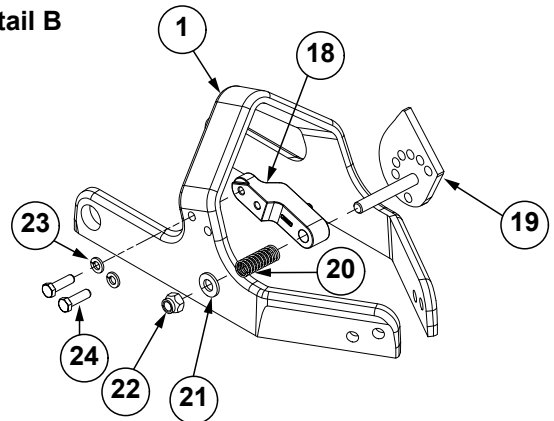
(106531/106528/A19012)



Detail A

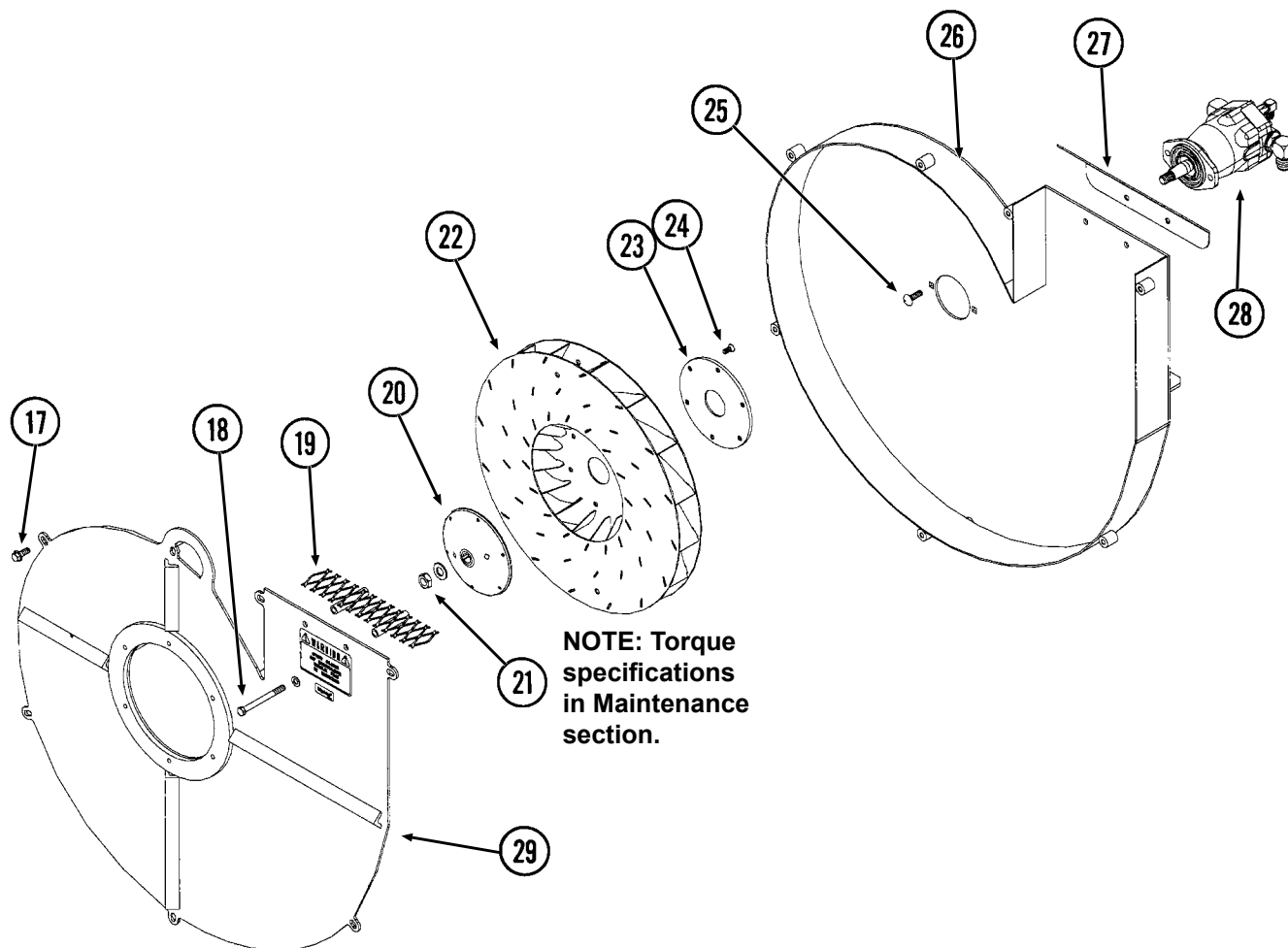
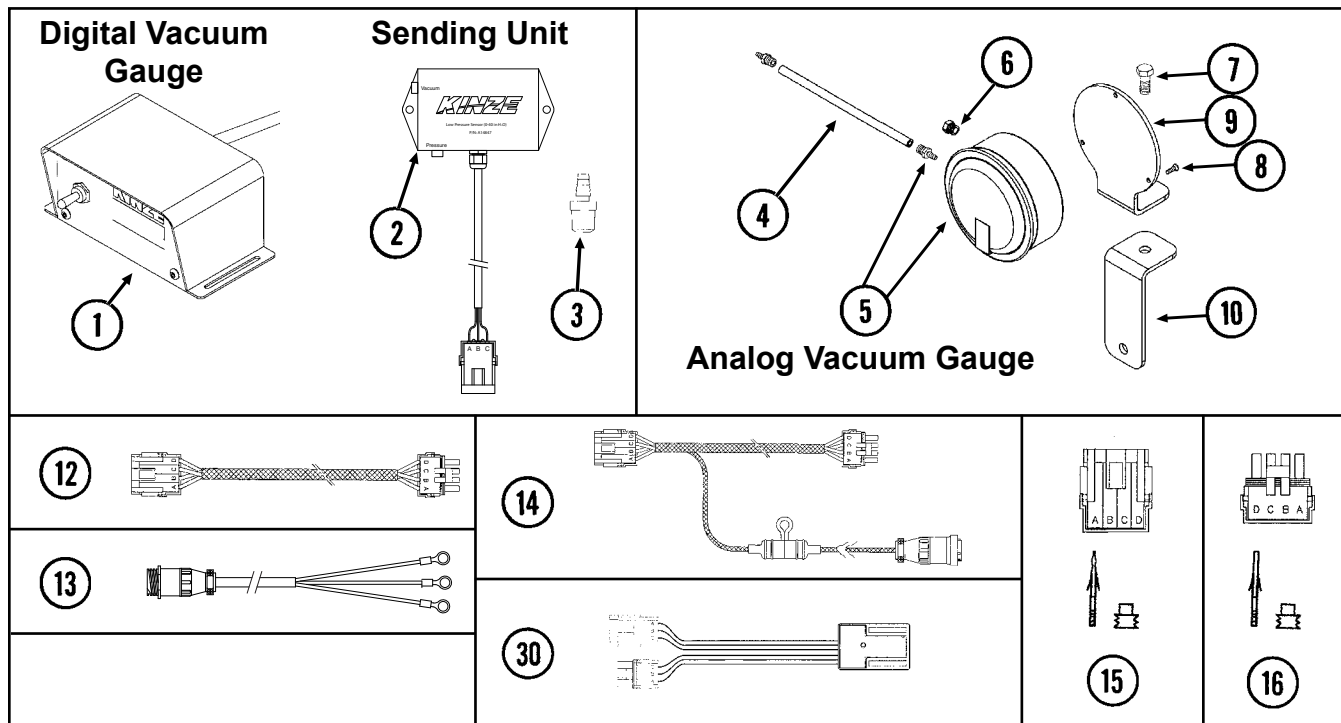


Detail B



| ITEM | PART NO.  | QTY.<br>(Per Row) | DESCRIPTION                                    |
|------|-----------|-------------------|------------------------------------------------|
| 1    | GB0464    | 1                 | Residue Wheel Mount                            |
| 2    | GA5654    | 2                 | Hub W/Bearings                                 |
|      | GA2014    | -                 | Bearing (Included W/GA5654)                    |
| 3    | GD9724    | 1                 | Backing Plate                                  |
| 4    | GD11784   | 2                 | Weed Guard                                     |
| 5    | GB0383    | 2                 | Bushing, 1 1/8" O.D. x 25/32" I.D. x 3/4" Long |
| 6    | G10765    | 2                 | Spring Pin, 1/4" x 1"                          |
| 7    | G10010    | 2                 | Hex Head Cap Screw, 5/8"-11 x 3"               |
| 8    | G10503    | 2                 | Hex Jam Nut, 5/8"-11, Grade 2                  |
| 9    | G11228    | 1                 | Lock Nut, 3/4"-10                              |
| 10   | G11236    | 1                 | Hex Head Cap Screw, 3/4"-10 x 10 1/2"          |
| 11   | G11392    | 2                 | Flat Washer, 3/4" SAE                          |
| 12   | GD1132    | 2                 | Dust Cap                                       |
| 13   | GD30725   | 4                 | Machine Bushing, 5/8" (.030" Thick)            |
| 14   | GB0387    | 1                 | Wheel, 12 Tine, 3/8" x 12"                     |
| 15   | G10041    | 6                 | Hex Head Cap Screw, 5/16"-18 x 2"              |
| 16   | G10109    | 6                 | Lock Nut, 5/16"-18, Grade 8                    |
| 17   | G10427101 | 1                 | Row Cleaner Floater                            |
| 18   | GD26973   | 1                 | Cam Locking Pin                                |
| 19   | GA27038   | 1                 | Cam                                            |
| 20   | GD10519   | 1                 | Spring                                         |
| 21   | G11389    | 1                 | Flat Washer, 1/2" Plated SAE                   |
| 22   | G10974    | 1                 | Lock Nut W/Nylon Insert, 1/2"-13               |
| 23   | G10229    | 2                 | Lock Washer, 3/8"                              |
| 24   | G10004    | 2                 | Hex Head Cap Screw, 3/8"-16 x 1 1/4"           |
| A    | G10652801 | 1                 | L.H. Residue Wheel (Items 2-3 and 14-17)       |
| B    | G10652901 | 1                 | R.H. Residue Wheel (Items 2-3 and 14-17)       |

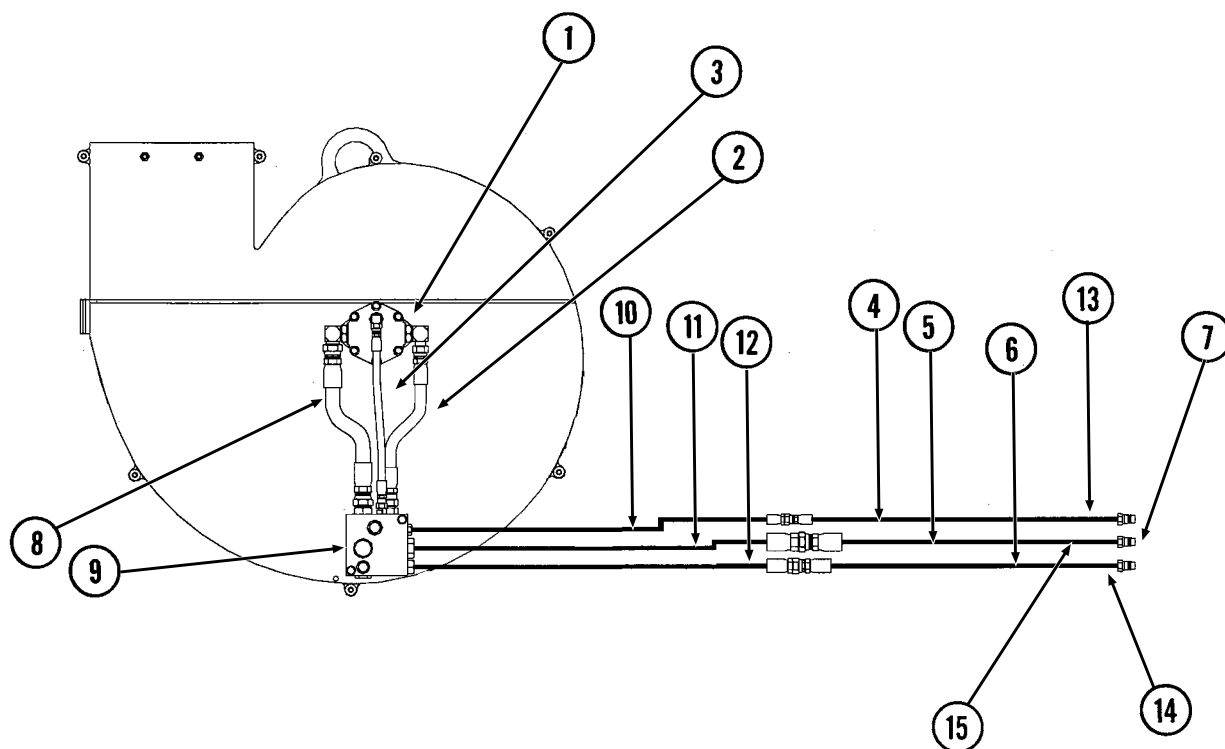
(A11154/A14847/GR1736/A10765/A11158/A11699/A7856/A11155/A8329/EF73)



| ITEM | PART NO.   | QTY. | DESCRIPTION                                                                                                                               |
|------|------------|------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | GA11154    | 1    | Digital Vacuum Gauge W/4-Pin Connector                                                                                                    |
| 2    | GA14847    | 1    | Low Pressure Sensor (0-40 IN H2O)                                                                                                         |
|      | *D17151-20 | -    | Nylon Tubing, ¼" O.D. x 10'                                                                                                               |
|      | GA9964     | -    | Strain Relief                                                                                                                             |
| 3    | GR1736     | 1    | Hose Barb, ⅛" Male NPT To Barb                                                                                                            |
| 4    | GD15849-02 | 1    | Clear Plastic Tubing, ⅝" O.D. 120"                                                                                                        |
| 5    | GA21406    | 1    | Pressure Gauge W/Hose Barb                                                                                                                |
|      | GR1777     | -    | Hose Barb, ⅛" Male NPT To ⅝" Barb (Included W/GA21406)                                                                                    |
| 6    | GA10799    | 1    | Breather, ⅛" Male NPT                                                                                                                     |
| 7    | G10001     | 1    | Hex Head Cap Screw, ⅜"-16 x 1"                                                                                                            |
|      | G10108     | 1    | Lock Nut, ⅜"-16                                                                                                                           |
| 8    | G11215     | 3    | Hex Socket Head Cap Screw, No. 6-32 x ⅜", Grade 8                                                                                         |
| 9    | GD15804    | 1    | Mount                                                                                                                                     |
| 10   | GD15803    | 1    | Support                                                                                                                                   |
| 11   | ---        | ---  | ---                                                                                                                                       |
| 12   | GA11699    | -    | Extension Harness, 180"                                                                                                                   |
| 13   | GA17547    | -    | Power Lead Adapter                                                                                                                        |
| 14   | GA11155    | 1    | Harness W/Fuse Holder And Fuse, 132"                                                                                                      |
|      | GD14258    | -    | Fuse Holder (Included W/GA11155)                                                                                                          |
|      | GD14660    | -    | Fuse, 2 Amp Delay Action (Included W/GA11155)                                                                                             |
|      | G1K268     | -    | Console Cable Connector Kit, Includes: (1) 3-Pin Connector, (1) Cable Clamp, (1) Lock Ring, (3) Female Terminal Pins (Included W/GA11155) |
| 15   | GA8328     | -    | 4-Pin Connector W/Female Housing, 4 Seals And 4 Pin Contacts                                                                              |
| 16   | GA8329     | -    | 4-Pin Connector W/Male Housing, 4 Seals And 4 Socket Contacts                                                                             |
| 17   | G11124     | 7    | Whiz Lock Bolt, ⅜"-18 x 1"                                                                                                                |
| 18   | G10753     | 2    | Hex Head Cap Screw, ⅜"-16 x 4½"                                                                                                           |
|      | G11387     | 2    | Flat Washer, ⅜" SAE                                                                                                                       |
|      | G10108     | 2    | Lock Nut, ⅜"-16                                                                                                                           |
| 19   | GA11987    | 2    | Screen                                                                                                                                    |
| 20   | GD35847    | 1    | Hub                                                                                                                                       |
| 21   | G11704     | 1    | Hex Jam Nut, ½"-20, Grade 2                                                                                                               |
|      | G11389     | 1    | Flat Washer, ½" Plated SAE                                                                                                                |
| 22   | GA10635    | 1    | Impeller                                                                                                                                  |
| 23   | G10234201  | 1    | Backing Plate                                                                                                                             |
| 24   | G11133     | 6    | Hex Socket Head Cap Screw, ⅝"-18 x ¾", Grade 8                                                                                            |
| 25   | G10599     | 2    | Carriage Bolt, ⅜"-16 x 1¼"                                                                                                                |
|      | G10229     | 2    | Lock Washer, ⅜"                                                                                                                           |
|      | G10101     | 2    | Hex Nut, ⅜"-16                                                                                                                            |
| 26   | GA10148    | 1    | Shroud                                                                                                                                    |
| 27   | GD15863    | 1    | Discharge Deflector                                                                                                                       |
| 28   | ---        | -    | <a href="#">See "Vacuum Fan Hydraulic Motor Assembly" on page P38</a>                                                                     |
| 29   | GA10752    | 1    | Cover                                                                                                                                     |
| 30   | GA12812    | -    | Hall Effect Adapter                                                                                                                       |
| A    | GA24545    | -    | Vacuum Fan Assembly (Items 17-29)                                                                                                         |

\*Item is not stocked by Kinze repair parts, but is available in bulk (GD17151-00).

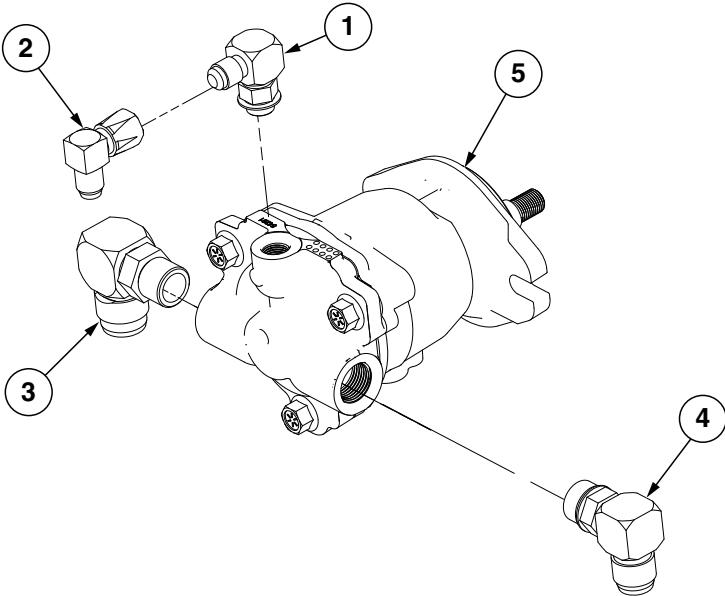
(PLTR176a)



| ITEM | PART NO.    | QTY. | DESCRIPTION                                                                                                       |
|------|-------------|------|-------------------------------------------------------------------------------------------------------------------|
| 1    | ---         | -    | <a href="#">See "Vacuum Fan Hydraulic Motor Assembly" on page P38</a>                                             |
| 2    | *A8294      | 1    | Hose Assembly, 1/2" x 19"                                                                                         |
| 3    | *A12011     | 1    | Hose Assembly, 3/8" x 20"                                                                                         |
| 4    | *A26939-108 | 1    | Hose Assembly, 3/8" x 108" (06F-1/2M NPTF W/Ext., W/Tip)                                                          |
| 5    | *A21549-108 | 1    | Hose Assembly, 5/8" x 108" (12F-1/2M NPTF W/Ext., W/Tip)                                                          |
| 6    | *A18693-108 | 1    | Hose Assembly, 1/2" x 108" (10F-1/2M NPTF W/Ext., W/Tip)                                                          |
| 7    | GD4086      | -    | ISO Coupler                                                                                                       |
| 8    | *A3395      | 1    | Hose Assembly, 3/4" x 17"                                                                                         |
| 9    | ---         | -    | <a href="#">See "Vacuum Fan Motor Valve Block Assembly (Located Below Vacuum Fan Motor Assembly)" on page P39</a> |
| 10   | *A12013     | 1-2  | Hose Assembly, 3/8" x 114"                                                                                        |
| 11   | *A3397      | 1-2  | Hose Assembly, 3/4" x 114"                                                                                        |
| 12   | *A8295      | 1-2  | Hose Assembly, 1/2" x 114"                                                                                        |
| 13   | GA26924-11  | 1    | Hose Label/Cover, Orange (Retract)                                                                                |
| 14   | GA26924-05  | 1    | Hose Label/Cover, Green (Extend)                                                                                  |
| 15   | GA26924-06  | 1    | Hose Label/Cover, Green (Retract)                                                                                 |

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

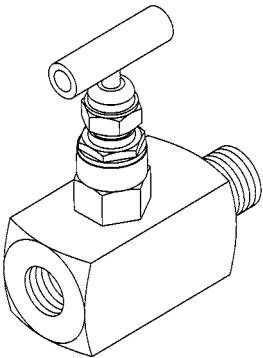
(A10636)



| ITEM | PART NO.                    | QTY.        | DESCRIPTION                                                          |
|------|-----------------------------|-------------|----------------------------------------------------------------------|
| 1    | G6801-06<br>GR1045          | 1<br>-      | Elbow W/O-Ring, 90°, 9/16"-18 Male JIC To O-Ring<br>O-Ring           |
| 2    | G6500-06                    | 1           | Swivel Elbow, 90°, 9/16"-18 Male JIC To Female                       |
| 3    | G6801-12-10<br>GR1466       | 1           | Elbow W/O-Ring, 90°. 1 1/16"-12 Male JIC To 7/8"-14 O-Ring<br>O-Ring |
| 4    | G6801-10<br>GR1466          | 1           | Elbow W/O-Ring, 90°, 7/8"-14 Male JIC To O-Ring<br>O-Ring            |
| 5    | GA24543<br>GR2314<br>GR2333 | 1<br>-<br>- | Hydraulic Motor<br>Motor Key<br>Seal Kit                             |

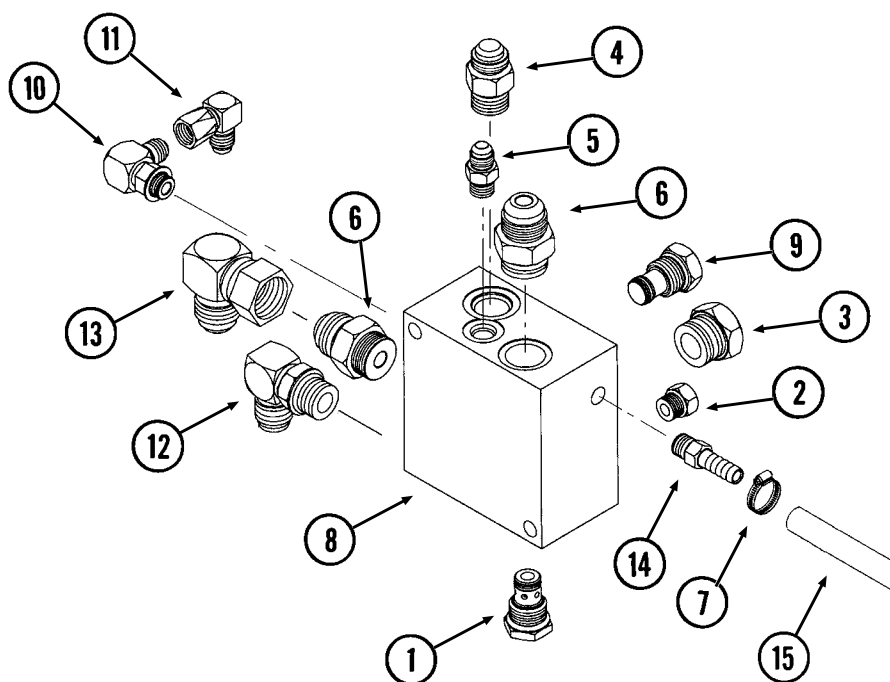
Optional Flow Control Needle Valve Kit

(A11650)



| ITEM | PART NO. | QTY. | DESCRIPTION                     |
|------|----------|------|---------------------------------|
| 1    | G1K426   | -    | Needle Valve Kit W/Instructions |

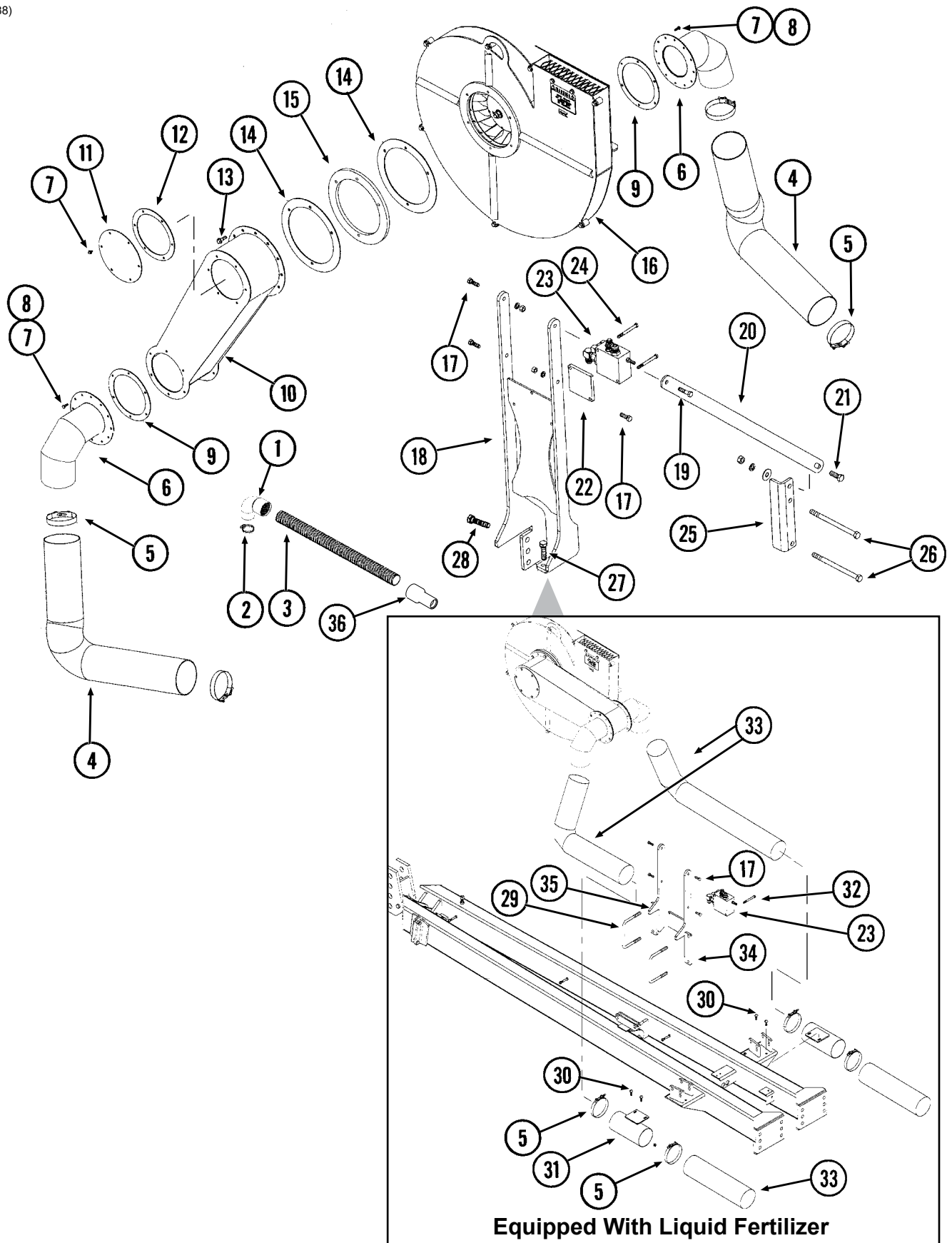
(A11958)



| ITEM | PART NO.           | QTY.   | DESCRIPTION                                                 |
|------|--------------------|--------|-------------------------------------------------------------|
| 1    | GA4293<br>GR2041   | 1<br>- | Check Valve<br>Seal Kit                                     |
| 2    | G6408-06<br>GR1045 | 1<br>- | Plug W/O-Ring, $\frac{9}{16}$ "-18 O-Ring                   |
| 3    | G6408-12<br>GR1467 | 1<br>- | Plug W/O-Ring, $1\frac{1}{16}$ "-12 O-Ring                  |
| 4    | G6400-10<br>GR1466 | 1<br>- | Connector W/O-Ring, $\frac{7}{8}$ "-14 Male JIC To O-Ring   |
| 5    | G6400-06<br>GR1045 | 1<br>- | Connector W/O-Ring, $\frac{9}{16}$ "-18 Male JIC To O-Ring  |
| 6    | G6400-12<br>GR1467 | 2<br>- | Connector W/O-Ring, $1\frac{1}{16}$ "-12 Male JIC To O-Ring |
| 7    | G10681             | 1      | Hose Clamp, No. 6                                           |
| 8    | GD16188            | 1      | Valve Block                                                 |
| 9    | GA11934            | 1      | Relief Valve Cartridge                                      |
| 10   | G6801-06<br>GR1045 | 1<br>- | Elbow W/O-Ring, 90°, $\frac{9}{16}$ "-18 Male JIC To O-Ring |
| 11   | G6500-06           | 1      | Swivel Elbow, 90°, $\frac{9}{16}$ "-18 Male JIC To Female   |
| 12   | G6801-10<br>GR1466 | 1<br>- | Elbow W/O-Ring, 90°, $\frac{7}{8}$ "-14 Male JIC To O-Ring  |
| 13   | G6500-12           | 1      | Swivel Elbow, 90°, $1\frac{1}{16}$ "-12 Male JIC To Female  |
| 14   | GD11700            | 1      | Adapter, $\frac{1}{4}$ " NPT To $\frac{3}{8}$ " Barb        |
| 15   | GD6279-05          | 1      | Clear Plastic Tubing, $\frac{9}{16}$ " O.D. x 60"           |

**This page left blank intentionally.**

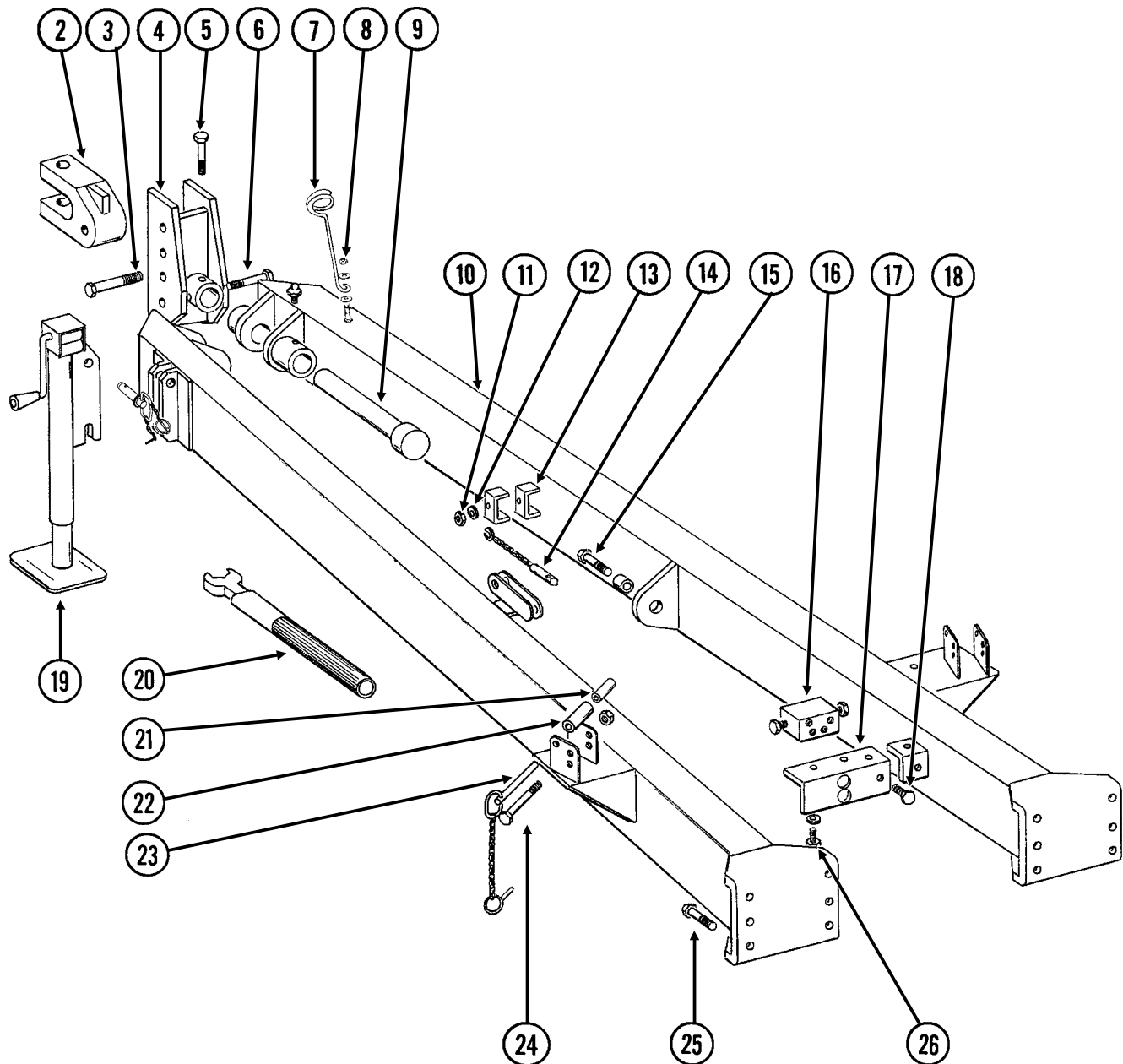
(EF87/EF88)



| ITEM | PART NO.   | QTY. | DESCRIPTION                                                                                                       |
|------|------------|------|-------------------------------------------------------------------------------------------------------------------|
| 1    | GD14626    | 12   | Elbow, 90°, 2"                                                                                                    |
| 2    | G10676     | -    | Hose Clamp. No. 36, Stainless Steel                                                                               |
| 3    | *D15792-09 | 12   | Hose, 2" x 30"                                                                                                    |
| 4    | GD15867-03 | 2    | Hose, 5" x 36"                                                                                                    |
| 5    | G11188     | 4    | T-Bolt Clamp, 5/4"                                                                                                |
| 6    | GA11940    | 2    | Manifold Elbow                                                                                                    |
| 7    | G11166     | 10   | Hex Socket Flange Cap Screw, 1/4"-20 x 3/4"                                                                       |
| 8    | G10023     | 8    | Hex Head Cap Screw, 1/4"-20 x 3/4"                                                                                |
|      | G10110     | 8    | Lock Nut, 1/4"-20, Grade B                                                                                        |
| 9    | GD16842    | 2    | Manifold Gasket, 1/8" x 8 3/8" (6 5/8" I.D.)                                                                      |
| 10   | GA11945    | 1    | Fan Drop Housing                                                                                                  |
| 11   | GD16840    | 1    | Cover                                                                                                             |
| 12   | GD16991    | 1    | Cover Gasket, 1/8" x 8 3/8" (6 1/2" I.D.)                                                                         |
| 13   | G11204     | 4    | Hex Head Cap Screw, 3/8"-16 x 1 1/4"                                                                              |
| 14   | GD16992    | 2    | Gasket, 1/8" x 11 7/8"                                                                                            |
| 15   | GD16839    | 1    | Spacer, 1/2" x 12"                                                                                                |
| 16   | ---        | -    | <a href="#">See "Digital Vacuum Gauge, Analog Vacuum Gauge, and Vacuum Fan Assembly" on page P36</a>              |
| 17   | G10017     | 3-4  | Hex Head Cap Screw, 1/2"-13 x 1 1/2"                                                                              |
|      | G10228     | 3-4  | Lock Washer, 1/2"                                                                                                 |
|      | G10102     | 3-4  | Hex Nut, 1/2"-13                                                                                                  |
| 18   | GA11946    | 1    | Support                                                                                                           |
| 19   | G10016     | 1    | Hex Head Cap Screw, 1/2"-13 x 2"                                                                                  |
|      | G10228     | 1    | Lock Washer, 1/2"                                                                                                 |
|      | G10102     | 1    | Hex Nut, 1/2"-13                                                                                                  |
| 20   | GD17074    | 1    | Brace                                                                                                             |
| 21   | G10005     | 1    | Hex Head Cap Screw, 5/8"-11 x 1 3/4"                                                                              |
|      | G11391     | 1    | Flat Washer, 5/8" SAE                                                                                             |
|      | G10230     | 1    | Lock Washer, 5/8"                                                                                                 |
|      | G10104     | 1    | Hex Nut, 5/8"-11                                                                                                  |
| 22   | GD17073    | 1    | Spacer, 4 1/2" x 4 1/2"                                                                                           |
| 23   | ---        | -    | <a href="#">See "Vacuum Fan Motor Valve Block Assembly (Located Below Vacuum Fan Motor Assembly)" on page P39</a> |
| 24   | G10326     | 2    | Hex Head Cap Screw, 3/8"-16 x 3 3/4"                                                                              |
|      | G10229     | 2    | Lock Washer, 3/8"                                                                                                 |
|      | G10101     | 2    | Hex Nut, 3/8"-16                                                                                                  |
| 25   | GD16466    | 1    | Bracket                                                                                                           |
| 26   | G10152     | 2    | Hex Head Cap Screw, 5/8"-11 x 9"                                                                                  |
|      | G11391     | 2    | Flat Washer, 5/8" SAE                                                                                             |
|      | G10230     | 2    | Lock Washer, 5/8"                                                                                                 |
|      | G10104     | 1    | Hex Nut, 5/8"-11                                                                                                  |
| 27   | G10039     | 2    | Hex Head Cap Screw, 1/2"-13 x 1 3/4"                                                                              |
|      | G10228     | 2    | Lock Washer, 1/2"                                                                                                 |
|      | G10102     | 2    | Hex Nut, 1/2"-13                                                                                                  |
| 28   | ---        | -    | <a href="#">See "Hitch" on page P43</a>                                                                           |
| 29   | GD16598    | 2    | U-Bolt, 4" x 7" x 5/8"-11                                                                                         |
|      | G10230     | 2    | Lock Washer, 5/8"                                                                                                 |
|      | G10104     | 2    | Hex Nut, 5/8"-11                                                                                                  |
| 30   | G10599     | 4    | Carriage Bolt, 3/8"-16 x 1 1/4"                                                                                   |
|      | G10622     | 4    | Serrated Flange Nut, 3/8"-16                                                                                      |
| 31   | GA11961    | 2    | Bracket (Manifold Hose)                                                                                           |
| 32   | G10062     | 2    | Hex Head Cap Screw, 3/8"-16 x 3"                                                                                  |
| 33   | GD15867-06 | 4    | Hose, 5" x 45"                                                                                                    |
| 34   | GA11959    | 1    | Support, Rear                                                                                                     |
| 35   | GA11960    | 1    | Support, Front                                                                                                    |
| 36   | GB0827     | 12   | Vacuum Reducer, 2" to 1 3/4"                                                                                      |

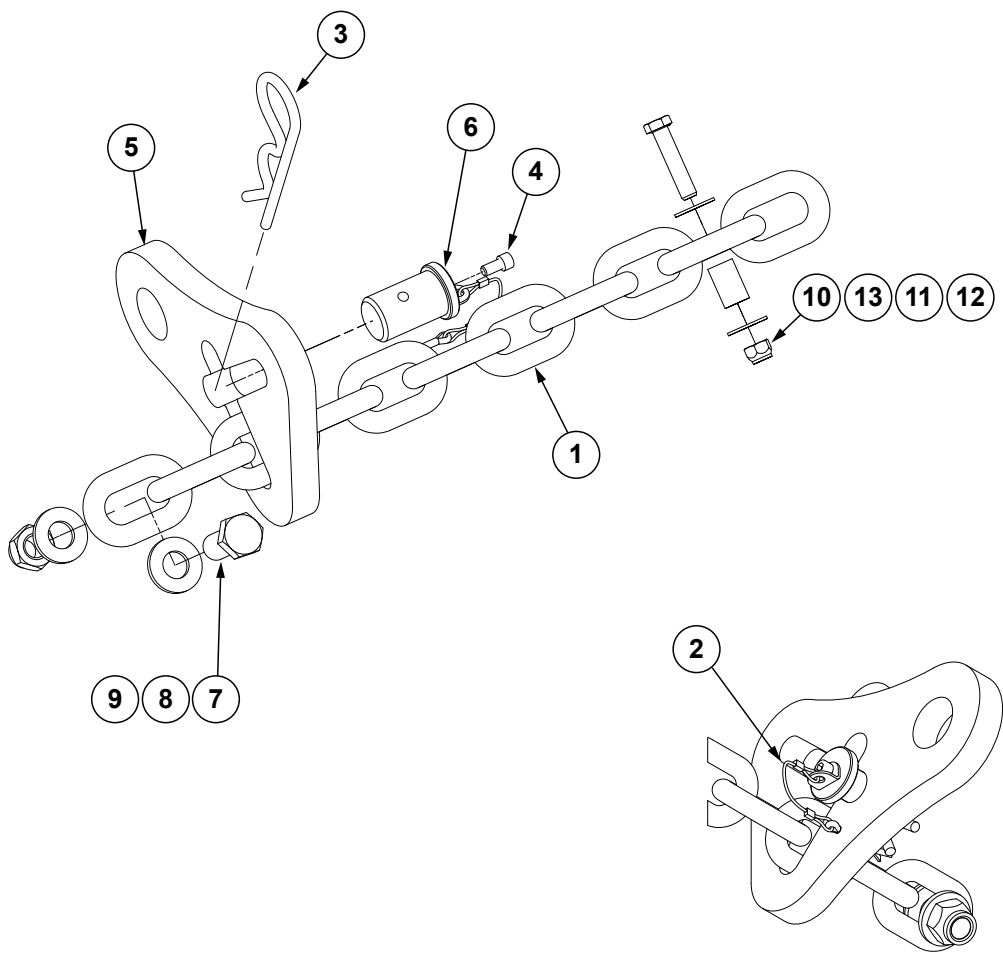
\* Hose not stocked by Kinze repair parts, but is available in bulk (GD15792-18).

(WGN47a/EF32c/A13595)



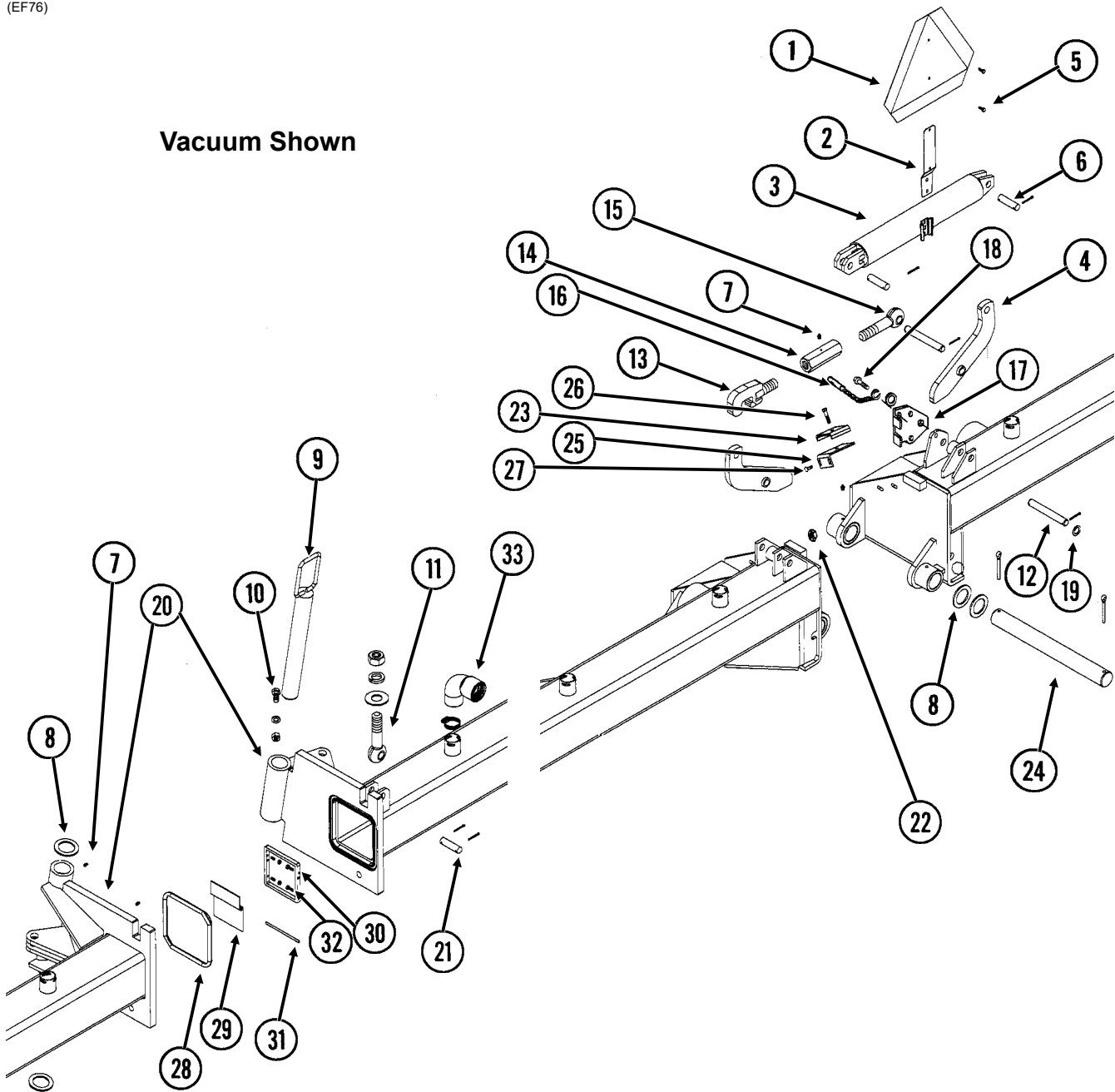
| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                 |
|------|-----------|------|-----------------------------------------------------------------------------|
| 1    | ---       | -    | ---                                                                         |
| 2    | GB0156    | 1    | Clevis                                                                      |
| 3    | G10169    | 1    | Hex Head Cap Screw, 1¼"-7 x 6"                                              |
|      | G10157    | 1    | Lock Nut, 1¼"-7                                                             |
| 4    | GA8097    | 1    | Hitch Cap                                                                   |
| 5    | G10036    | 1    | Hex Head Cap Screw, ⅝"-11 x 4"                                              |
|      | G10230    | 1    | Lock Washer, ⅝"                                                             |
|      | G10104    | 1    | Hex Nut, ⅝"-11                                                              |
| 6    | G10011    | 1    | Hex Head Cap Screw, ⅝"-11 x 5½"                                             |
|      | G10230    | 1    | Lock Washer, ⅝"                                                             |
|      | G10104    | 1    | Hex Nut, ⅝"-11                                                              |
| 7    | GD8260    | 1    | Hose Holder                                                                 |
| 8    | G11391    | 2    | Flat Washer, ⅝" SAE                                                         |
|      | G10107    | 1    | Lock Nut, ⅝"-11                                                             |
| 9    | GA5755    | 1    | Pin, 2⅛" x 14"                                                              |
| 10   | A8048     | 1    | Hitch W/Grease Fittings (Includes Items 4-7 And 11) <b>(Non-Stock Item)</b> |
|      | G10641    | -    | Grease Fitting, ⅛" NPT (Included W/A8048)                                   |
| 11   | G10108    | 3    | Lock Nut, ⅜"-16                                                             |
| 12   | G11387    | -    | Flat Washer, ⅜" SAE                                                         |
| 13   | GD5875    | 6    | Hose Clamp, ⅞" x 2½" x 2"                                                   |
| 14   | GA8318    | 1    | Detent Pin W/Chain                                                          |
| 15   | G10028    | 1    | Hex Head Cap Screw, ¾"-10 x 3"                                              |
|      | GB0169    | 1    | Bushing                                                                     |
|      | G10112    | 1    | Lock Nut, ¾"-10                                                             |
| 16   | ---       | -    | <a href="#">See "Row Marker Sequencing/Flow Control Valve" on page P75</a>  |
| 17   | GD7976    | 1    | Bracket                                                                     |
| 18   | G10019    | 2    | Hex Head Cap Screw, ⅝"-18 x 1"                                              |
|      | G10232    | 2    | Lock Washer, ⅝"                                                             |
|      | G10106    | 2    | Hex Nut, ⅝"-18                                                              |
| 19   | GA13986   | 1    | Jack Assembly Complete                                                      |
|      | GA4995    | -    | Detent Pin Assembly                                                         |
|      | GR0516    | -    | Crank Assembly                                                              |
|      | GR0515    | -    | Bevel Gear Set, Includes: (2) Bevel Gears, (1) Gear Pin, (1) Groove Pin     |
| 20   | GA6798    | 1    | Wrench                                                                      |
| 21   | GD3180-23 | -    | Sleeve, ⅝" I.D. x ⅞" O.D. x 3⅜" Long                                        |
| 22   | GD2734-13 | -    | Sleeve, 1¼" O.D. x 3⅜" Long                                                 |
| 23   | GA8312    | -    | Pin W/Lynch Pin, 5 ½"                                                       |
| 24   | G10011    | -    | Hex Head Cap Screw, ⅝"-11 x 5½"                                             |
|      | G10107    | 2    | Lock Nut, ⅝"-11                                                             |
| 25   | G10028    | 12   | Hex Head Cap Screw, ¾"-10 x 3"                                              |
|      | G10231    | 12   | Lock Washer, ¾"                                                             |
|      | G10105    | 12   | Hex Nut, ¾"-10                                                              |
| 26   | G10001    | 2    | Hex Head Cap Screw, ⅜"-16 x 1"                                              |
|      | G11387    | 2    | Flat Washer, ⅜" SAE                                                         |

(A25017)



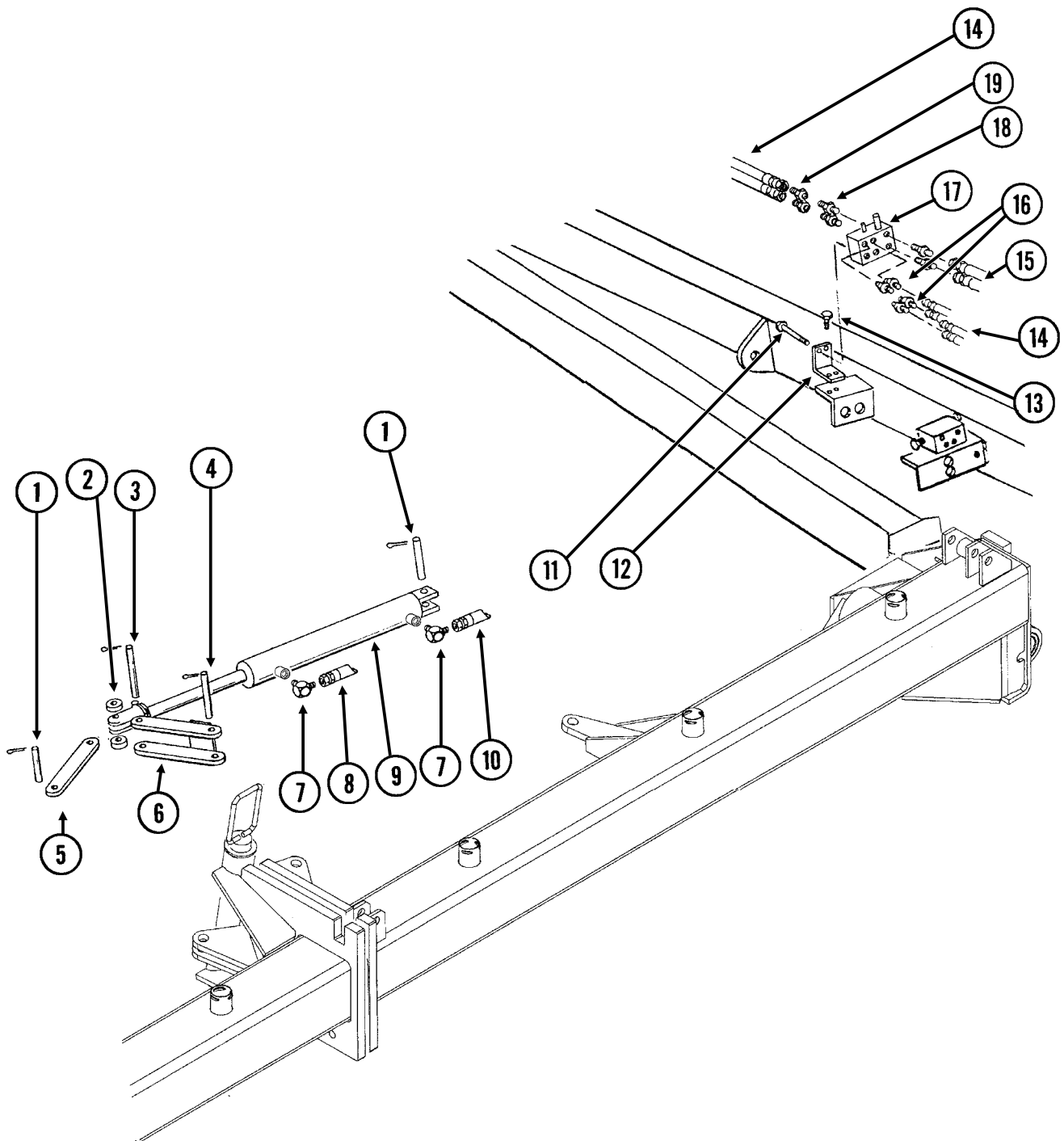
| ITEM | PART NO.  | QTY. | DESCRIPTION                                    |
|------|-----------|------|------------------------------------------------|
| 1    | G3324-01  | 1    | Safety Chain, 13MM Grade 70, 97½"              |
| 2    | GD35339   | 1    | Looped Tether W/Tabs and Cotter Pin            |
| 3    | G10671    | 1    | Hairpin Cotter, ⅜" x 3¼"                       |
| 4    | G11874    | 1    | Hex Socket Head Cap Screw, ¼"-20 x ½"          |
| 5    | GD35127   | 1    | Single Chain Latch                             |
| 6    | GD35340   | 1    | Chain Latch Pin                                |
| 7    | G10007    | 1    | Hex Head Cap Screw, ⅝"-11 x 1½"                |
| 8    | G11391    | 2    | Flat Washer, ⅝" SAE                            |
| 9    | G10107    | 1    | Lock Nut, ⅝"-11                                |
| 10   | G10108    | 1    | Lock Nut, ⅝"-16                                |
| 11   | GD8893-07 | 1    | Sleeve, 1" Long                                |
| 12   | G10047    | 1    | Hex Head Cap Screw, ⅜"-16 x 1¾"                |
| 13   | G10210    | 2    | Washer, ⅜" USS                                 |
| A    | G9948X    | -    | ⅜" Transport Safety Chain Package (Items 1-13) |

(EF76)

**Vacuum Shown**

| ITEM | PART NO.   | QTY. | DESCRIPTION                                                                                         |
|------|------------|------|-----------------------------------------------------------------------------------------------------|
| 1    | ---        | -    | <a href="#">See "Decals, Paint, and Miscellaneous" on page P113</a>                                 |
| 2    | GD2200     | 1    | Spade                                                                                               |
| 3    | GA7513     | 1    | Spring Canister W/Mounting Hardware (Includes Item 3 And 6)                                         |
| 4    | GA6055     | 2    | Arm                                                                                                 |
| 5    | G10023     | 2    | Hex Head Cap Screw, 1/4"-20 x 3/4"                                                                  |
|      | G10110     | 2    | Lock Nut, 1/4"-20, Grade B                                                                          |
| 6    | GD3311     | 2    | Pin, 7/8" x 3 1/8"                                                                                  |
|      | G10457     | 4    | Cotter Pin, 5/32" x 1 1/2"                                                                          |
| 7    | G10640     | 4    | Grease Fitting, 1/4"-28                                                                             |
| 8    | G10404     | 4    | Machine Bushing, 3/8" x 2 1/8" x 3/16"                                                              |
| 9    | GA8033     | 2    | Pin                                                                                                 |
| 10   | G10007     | 2    | Hex Head Cap Screw, 5/8"-11 x 1 1/2"                                                                |
|      | G10230     | 2    | Lock Washer, 5/8"                                                                                   |
|      | G10104     | 2    | Hex Nut, 5/8"-11                                                                                    |
| 11   | GD3373     | 2    | Eyebolt                                                                                             |
|      | G11396     | 4    | Flat Washer, 1 1/4"                                                                                 |
|      | G10236     | 2    | Lock Washer, 1 1/4"                                                                                 |
|      | GD9688     | 2    | Special Nut, 1 1/4"-7                                                                               |
| 12   | GD11298    | 2    | Pin, 7/8" x 6 9/16"                                                                                 |
|      | G10457     | 4    | Cotter Pin, 5/32" x 1 1/2"                                                                          |
| 13   | GA8335     | 1    | Hook                                                                                                |
| 14   | GD7972     | 1    | Turnbuckle                                                                                          |
| 15   | GD3373     | 1    | Eyebolt                                                                                             |
| 16   | GA7022     | 1    | Detent Pin W/Chain                                                                                  |
| 17   | GD11300    | 1    | Lockup                                                                                              |
| 18   | G10017     | 1    | Hex Head Cap Screw, 1/2"-13 x 1 1/2"                                                                |
|      | G10228     | 1    | Lock Washer, 1/2"                                                                                   |
|      | G10102     | 1    | Hex Nut, 1/2"-13                                                                                    |
| 19   | G10235     | -    | Machine Bushing, 7/8", 14 Gauge                                                                     |
| 20   | A11938     | -    | Frame, 12 Row 30", 351 1/2", (Includes Items 7-10) <b>(Non-Stock Item)</b> (Vacuum)                 |
|      | A8036      | -    | Frame, 12 Row 30", 351 1/2", (Includes Items 7-10) <b>(Non-Stock Item)</b> (Mechanical)             |
| 21   | GD3311     | 2    | Pin, 7/8" x 3 1/8"                                                                                  |
|      | G10457     | 4    | Cotter Pin, 5/32" x 1 1/2"                                                                          |
| 22   | G10108     | 2    | Lock Nut, 3/8"-16                                                                                   |
| 23   | GD14534    | -    | Hose Clamp, 3/4" x 4" x 4 1/2"                                                                      |
| 24   | GD7948     | 1    | Shaft, 2 1/8" x 20"                                                                                 |
|      | G10461     | 2    | Cotter Pin, 3/8" x 3"                                                                               |
| 25   | GD17046    | 1    | Mount                                                                                               |
| 26   | G10581     | 1    | Hex Head Cap Screw, 1/2"-13 x 2 1/4"                                                                |
|      | G10111     | 1    | Lock Nut, 1/2"-13                                                                                   |
| 27   | G10599     | 2    | Carriage Bolt, 3/8"-16 x 1 1/4"                                                                     |
|      | G10622     | 2    | Serrated Flange Nut, 3/8"-16                                                                        |
| 28   | GD17061-01 | 2    | Foam Seal (Vacuum Only)                                                                             |
| 29   | GA11968    | 4    | Flapper (Vacuum Only)                                                                               |
| 30   | GD17106    | 4    | Tube, 6" x 6" x 1/2" (Vacuum Only)                                                                  |
| 31   | GD17105-01 | 4    | Round Shaft, 1/4" x 6" (Vacuum Only)                                                                |
| 32   | G11214     | 16   | Hex Socket Set Screw, 1/4"-20 x 3/4" (Vacuum Only)                                                  |
|      | G10103     | 16   | Hex Nut, 1/4"-20 (Vacuum Only)                                                                      |
| 33   | ---        | -    | (Vacuum Only) <a href="#">See "Vacuum Fan Mounting Brackets and Distribution Hoses" on page P41</a> |

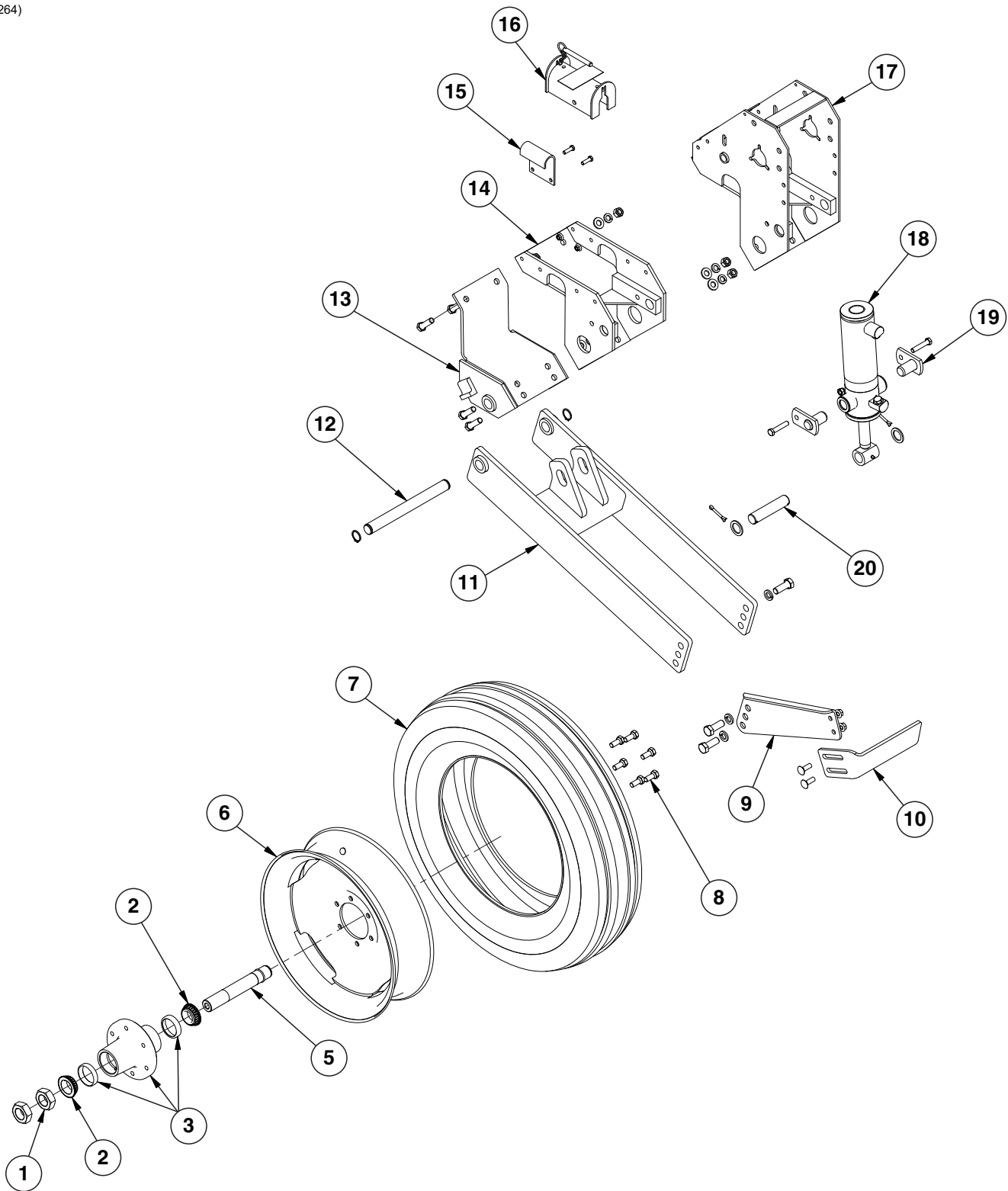
(EF76a)



| ITEM | PART NO.    | QTY. | DESCRIPTION                                                    |
|------|-------------|------|----------------------------------------------------------------|
| 1    | GD9762      | 4    | Pin, 1" x 3½"                                                  |
|      | G10463      | 8    | Cotter Pin, ¼" x 1½"                                           |
| 2    | GD5900-12   | 4    | Sleeve, ⅜"                                                     |
| 3    | GD9591      | 2    | Pin, 1" x 5¾"                                                  |
|      | G10463      | 8    | Cotter Pin, ¼" x 1½"                                           |
| 4    | GD11177     | 2    | Pin, 1" x 7¼"                                                  |
|      | G10463      | 8    | Cotter Pin, ¼" x 1½"                                           |
| 5    | GD9589      | 2    | Link                                                           |
| 6    | GA6800      | 2    | Link                                                           |
| 7    | G6801-06-08 | 4    | Elbow W/O-Ring, 90°, ⅝"-18 Male JIC To ¾"-16 O-Ring            |
|      | GR1037      | -    | O-Ring                                                         |
| 8    | *A1168      | 2    | Hose Assembly, ¼" x 120"                                       |
| 9    | ---         | -    | <a href="#">See "Hydraulic Wing Fold Cylinder" on page P74</a> |
| 10   | *A1106      | 2    | Hose Assembly, ¼" x 130"                                       |
| 11   | G10580      | 2    | Hex Head Cap Screw, ¼"-20 x 3"                                 |
|      | G10227      | 2    | Lock Washer, ¼"                                                |
|      | G10103      | 2    | Hex Nut, ¼"-20                                                 |
| 12   | GD9699      | 1    | Mounting Angle                                                 |
| 13   | G10064      | 2    | Hex Head Cap Screw, ¼"-20 x 1"                                 |
|      | G10227      | 2    | Lock Washer, ¼"                                                |
|      | G10103      | 2    | Hex Nut, ¼"-20                                                 |
| 14   | ---         | -    | <a href="#">See "Hydraulic System" on page P77</a>             |
| 15   | *A3180      | 2    | Hose Assembly, ⅜" x 25"                                        |
| 16   | G6400-06    | 4    | Connector W/O-Ring, ⅝"-18 Male JIC To O-Ring                   |
|      | GR1045      | -    | O-Ring                                                         |
| 17   | ---         | -    | <a href="#">See "Hydraulic Wing Fold Cylinder" on page P74</a> |
| 18   | G6400-08-06 | 4    | Connector W/O-Ring, ¾"-16 Male JIC To ⅝"-18 O-Ring             |
|      | GR1045      | -    | O-Ring                                                         |
| 19   | G2406-08-06 | 2    | Reducer, ¾"-16 Female JIC To ⅝"-18 Male JIC                    |

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

(IP1264)

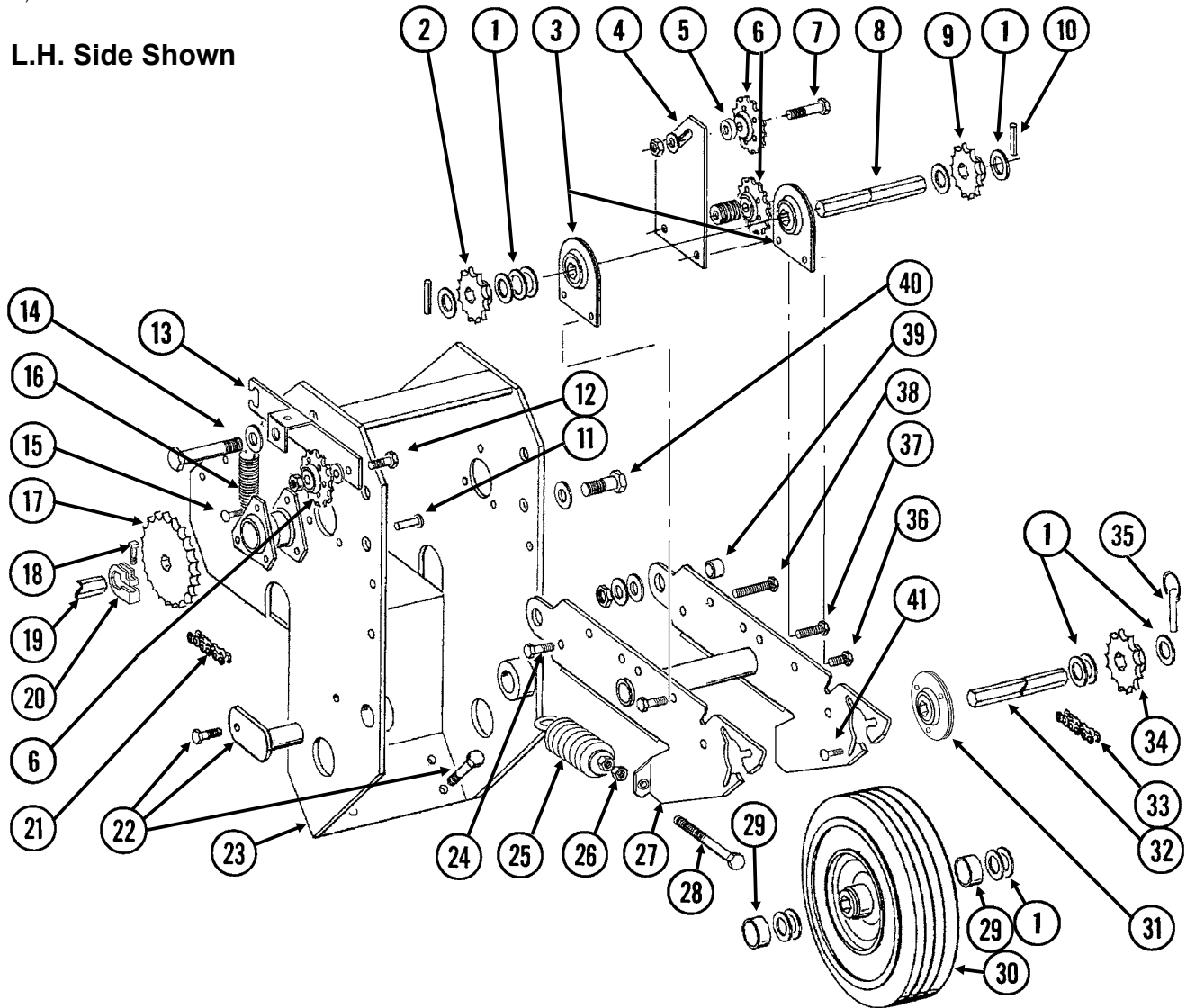


| ITEM | PART NO. | QTY.<br>(Per Assy.) | DESCRIPTION                                                                                                                                                          |
|------|----------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | G11081   | 2                   | Hex Jam Nut, 1½"-12, Grade 2                                                                                                                                         |
| 2    | GA24825  | 2                   | Bearing                                                                                                                                                              |
| 3    | GA24826  | 1                   | Hub W/Cups, 6 Bolt                                                                                                                                                   |
|      | GR0434   | 2                   | Cup                                                                                                                                                                  |
| 4    | ---      | ---                 | ---                                                                                                                                                                  |
| 5    | GA4376   | 1                   | Spindle W/Round External Retaining Ring, 10"                                                                                                                         |
|      | GD11490  | 1                   | Round External Retaining Ring (Included W/GA4376)                                                                                                                    |
| 6    | GA14413  | 1                   | Rim, 5.50" x 20"                                                                                                                                                     |
|      | GA7434   | 1                   | Valve Stem                                                                                                                                                           |
| 7    | GD13401  | 1                   | Tire, 7.50" x 20", 8 Ply Tubeless W/O Center Rib (Specify Brand*)                                                                                                    |
| 8    | GR0270   | 6                   | Lug Bolt, 9/16"-18                                                                                                                                                   |
| 9    | GD20456  | 1                   | Short Scraper Arm                                                                                                                                                    |
|      | G10026   | 3                   | Hex Head Cap Screw, ¾"-10 x 2"                                                                                                                                       |
|      | G10231   | 3                   | Lock Washer, ¾"                                                                                                                                                      |
|      | G11314   | 1                   | Serrated Flange Nut, ¾"-10                                                                                                                                           |
| 10   | GD34178  | 1                   | Slotted Scraper                                                                                                                                                      |
|      | G10636   | 2                   | Carriage Bolt, ½"-13 x 1½"                                                                                                                                           |
|      | G10071   | 2                   | Serrated Flange Nut, ½"-13                                                                                                                                           |
| 11   | GA14349  | 1                   | Wheel Module                                                                                                                                                         |
| 12   | GD20461  | 1                   | Pin, 1¼" x 13"                                                                                                                                                       |
|      | G11400   | 2                   | Retaining Ring, 1¼"                                                                                                                                                  |
| 13   | GA14348  | 1                   | Lower Half Clamp                                                                                                                                                     |
|      | G10006   | 6                   | Hex Head Cap Screw, 5/8"-11 x 2¼"                                                                                                                                    |
|      | G11391   | 6                   | Flat Washer, 5/8", SAE                                                                                                                                               |
|      | G10230   | 6                   | Lock Washer, 5/8"                                                                                                                                                    |
|      | G10104   | 6                   | Hex Nut, 5/8"-11                                                                                                                                                     |
| 14   | GA5122   | 1                   | Wheel Tower Clamp                                                                                                                                                    |
|      | G10004   | 2                   | Hex Head Cap Screw, 3/8"-16 x 1¼"                                                                                                                                    |
|      | G11091   | 2                   | Serrated Flange Nut, 3/8"-16                                                                                                                                         |
| 15   | GD7944   | 1                   | Lockup Mount                                                                                                                                                         |
| 16   | GA9870   | 1                   | Lockup W/Pin                                                                                                                                                         |
|      | G10874   | -                   | Detent Pin, ½" x 3½" Grip (Included W/GA9870)                                                                                                                        |
| 17   | GA8041   | 1                   | <a href="#">See "Contact Wheel and Arm Assembly" on page P55</a>                                                                                                     |
| 18   | ---      | 1                   | <a href="#">See "Master Lift Cylinder" on page P69</a><br><a href="#">See "Slave Lift Cylinder" on page P70</a><br><a href="#">See "Assist Cylinder" on page P72</a> |
| 19   | GA5121   | 2                   | Pin, 2½"                                                                                                                                                             |
|      | G10053   | 2                   | Hex Head Cap Screw, ½"-13 x 2½"                                                                                                                                      |
|      | G10111   | 2                   | Lock Nut, ½"-13                                                                                                                                                      |
| 20   | GD5841   | 1                   | Pin, 1¼" x 5½"                                                                                                                                                       |
|      | G10460   | 2                   | Cotter Pin, ¼" x 2"                                                                                                                                                  |
|      | G10159   | 4                   | Machine Bushing, 1¼", 10 Gauge (As Required)                                                                                                                         |
| A    | GA24828  | 1                   | Hub and Spindle Assembly (Items 1-5)                                                                                                                                 |
| B    | GA14412  | 1                   | Tire and Rim Assembly (Items 6 and 7)                                                                                                                                |

\*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.

(EF38hh)

L.H. Side Shown



| ITEM | PART NO.     | QTY.<br>(Per Assy.) | DESCRIPTION                                     |
|------|--------------|---------------------|-------------------------------------------------|
| 1    | G10233       | -                   | Machine Bushing, 1", 10 Gauge                   |
| 2    | GA5105       | 1                   | Sprocket, 15 Tooth                              |
| 3    | GA2180       | 2                   | Hanger Bearing, 7/8" Hex Bore                   |
| 4    | GD11125      | 1                   | Bar                                             |
| 5    | GD11158      | 1                   | Spacer, 3/4" O.D. x 9/16" Long (If Applicable)  |
|      | GD9229       | 2                   | Spacer, 1 1/4" O.D. x 1/2" Long (If Applicable) |
| 6    | GA7154       | 3                   | Sprocket W/Bearing, 18 Tooth                    |
| 7    | G10397       | 1                   | Hex Head Cap Screw, 1/2"-13 x 2 3/4"            |
|      | G10168       | 1                   | Machine Bushing, 1/2", 7 Gauge                  |
|      | G10128       | -                   | Machine Bushing, 1/2", 14 Gauge (As Required)   |
|      | G10111       | 1                   | Lock Nut, 1/2"-13                               |
| 8    | GD6825-12.75 | 1                   | Hex Shaft, 7/8" x 12 3/4" (2 Holes)             |
| 9    | GA5107       | 1                   | Sprocket, 19 Tooth (Vacuum) (Shown)             |
|      | GA5114       | 1                   | Sprocket, 30 Tooth (Mechanical)                 |
| 10   | G10602       | 2                   | Spring Pin, 1/4" x 1 1/2"                       |
| 11   | G10478       | 1                   | Clevis Pin, 5/16" x 1"                          |
|      | G10409       | 1                   | Retaining Ring, 5/16"                           |

| ITEM | PART NO.      | QTY.<br>(Per Assy.) | DESCRIPTION                                                                                                    |
|------|---------------|---------------------|----------------------------------------------------------------------------------------------------------------|
| 12   | G10017        | 1                   | Hex Head Cap Screw, 1/2"-13 x 1 1/2"                                                                           |
|      | G10128        | 1                   | Machine Bushing, 1/2", 14 Gauge                                                                                |
|      | G10501        | 1                   | Hex Jam Nut, 1/2"-13, Grade 2                                                                                  |
| 13   | GA9553        | 1                   | Idler W/Sprocket And Hardware, L.H.                                                                            |
|      | GA9554        | 1                   | Idler W/Sprocket And Hardware, R.H. (Shown)                                                                    |
|      | GA7154        | -                   | Sprocket W/Bearing, 18 Tooth (Included W/GA9553 and GA9554)                                                    |
|      | G10017        | -                   | Hex Head Cap Screw, 1/2"-13 x 1 1/2" (Included W/GA9553 and GA9554)                                            |
|      | G10128        | -                   | Machine Bushing, 1/2", 14 Gauge (Included W/GA9553 and GA9554)                                                 |
|      | G10501        | -                   | Hex Jam Nut, 1/2"-13, Grade 2 (Included W/GA9553 and GA9554)                                                   |
| 14   | G10013        | 1                   | Hex Head Cap Screw, 5/8"-11 x 3 1/2"                                                                           |
|      | G10036        | 1                   | Hex Head Cap Screw, 5/8"-11 x 4"                                                                               |
|      | G11391        | 1                   | Flat Washer, 5/8" SAE                                                                                          |
|      | G10107        | 1                   | Lock Nut, 5/8"-11                                                                                              |
|      | G10104        | 1                   | Hex Nut, 5/8"-11                                                                                               |
| 15   | G10303        | -                   | Carriage Bolt, 5/16"-18 x 1"                                                                                   |
|      | G10232        | -                   | Lock Washer, 5/16"                                                                                             |
|      | G10106        | -                   | Hex Nut, 5/16"-18                                                                                              |
| 16   | GD5857        | 1                   | Spring                                                                                                         |
| 17   | GA5202        | 1                   | Sprocket, 34 Tooth<br><a href="#">See "Point Row Clutch" on page P57</a> (If Applicable)                       |
| 18   | G10130        | 1                   | Square Head Machine Bolt, 5/16"-18 x 1 3/4"                                                                    |
|      | G10923        | 1                   | Flange Nut, 5/16"-18, No Serration                                                                             |
| 19   | ---           | -                   | <a href="#">See "Seed Rate Transmission Assembly and Driveline" on page P61</a>                                |
| 20   | GD11045       | 1                   | Lock Clamp                                                                                                     |
| 21   | G3310-74      | 1                   | Chain, No. 40, 74 Pitch Including Connector Link                                                               |
|      | GR0912        | -                   | Connector Link, No. 40                                                                                         |
| 22   | ---           | -                   | <a href="#">See "Transport and Ground Drive Wheel Assembly" on page P51</a>                                    |
| 23   | GA8041        | 1                   | Wheel Tower                                                                                                    |
| 24   | G10055        | 2                   | Hex Head Cap Screw, 5/8"-11 x 1 1/4" (Stop Bolt)                                                               |
|      | G10107        | 2                   | Lock Nut, 5/8"-11                                                                                              |
| 25   | GA2068        | 2                   | Spring W/Plug                                                                                                  |
| 26   | G10501        | 2                   | Hex Jam Nut, 1/2"-13, Grade 2                                                                                  |
| 27   | GA8042        | 1                   | Arm                                                                                                            |
| 28   | G11232        | 2                   | Hex Head Cap Screw, 1/2"-13 x 4", Grade 5                                                                      |
| 29   | GD11157       | 2                   | Spacer, 1 1/2" O.D. x 5/8" Long                                                                                |
| 30   | GA5090        | 1                   | Tire And Rim Assembly (Specify Brand*)                                                                         |
|      | GD5753        | -                   | Tire, 4.10" x 6" (Specify Brand*) (Included W/GA5090)                                                          |
|      | GD5752        | -                   | Inner Tube (Included W/GA5090)                                                                                 |
| 31   | GA9846        | -                   | Flanged Bearing, 7/8" Hex Bore                                                                                 |
| 32   | GD6825-11.625 | 1                   | Hex Shaft, 7/8" x 11 5/8" (2 Holes)                                                                            |
| 33   | G3310-91      | 1                   | Chain, No. 40, 91 Pitch Including Connector Link and Offset Link, Used With 15 And 19 Tooth Sprockets (Vacuum) |
|      | G3310-102     | -                   | Chain, No. 40, 102 Pitch including Connector Link (Mechanical)                                                 |
|      | G3310-104     | -                   | Chain, No. 40, 104 Pitch Including Connector Link, Used With 38 Tooth Sprocket                                 |
|      | GR0912        | -                   | Connector Link, No. 40                                                                                         |
| 34   | GA5105        | 1                   | Sprocket, 15 Tooth (Vacuum or Half Rate (2 to 1) Drive)                                                        |
|      | GA5107        | -                   | Sprocket, 19 Tooth (Vacuum)                                                                                    |
|      | GA11285       | -                   | Sprocket, 38 Tooth (Vacuum)                                                                                    |
|      | GA5114        | -                   | Sprocket, 30 Tooth (Mechanical)                                                                                |
| 35   | GD2558        | 1                   | Lynch Pin, 1/4"                                                                                                |
| 36   | G10004        | 3                   | Hex Head Cap Screw, 3/8"-16 x 1 1/4"                                                                           |
|      | G11091        | 3                   | Serrated Flange Nut, 3/8"-16                                                                                   |
| 37   | G10004        | 1                   | Hex Head Cap Screw, 3/8"-16 x 1 1/4"                                                                           |
|      | G10101        | 1                   | Hex Nut, 3/8"-16                                                                                               |
| 38   | G10053        | 1                   | Hex Head Cap Screw, 1/2"-13 x 2 1/2"                                                                           |
|      | G10128        | -                   | Machine Bushing, 1/2", 14 Gauge (As Required)                                                                  |
|      | G10111        | 1                   | Lock Nut, 1/2"-13                                                                                              |
| 39   | GB0218        | 2                   | Bushing, 2 1/32" I.D. x 7/8" O.D. x 1 9/32" Long                                                               |

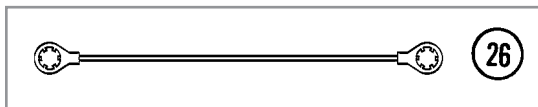
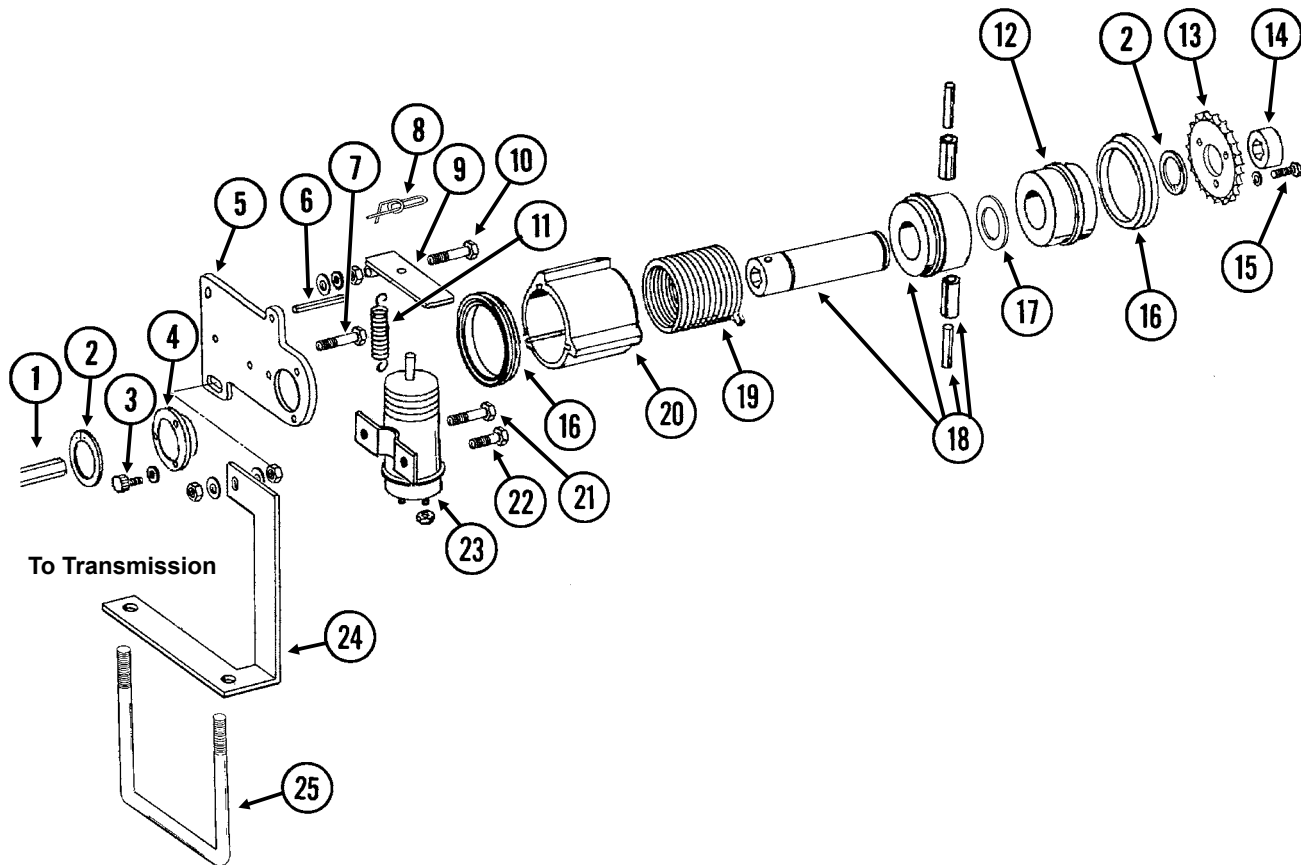
| ITEM | PART NO. | QTY.<br>(Per Assy.) | DESCRIPTION                          |
|------|----------|---------------------|--------------------------------------|
| 40   | G10751   | 2                   | Hex Head Cap Screw, 5/8"-18 x 1 3/4" |
|      | G10235   | 6                   | Machine Bushing, 7/8", 14 Gauge      |
|      | G11391   | 2                   | Flat Washer, 5/8" SAE                |
|      | G10412   | 2                   | Lock Nut, 5/8"-18                    |
| 41   | G10303   | 6                   | Carriage Bolt, 5/16"-18 x 1"         |
|      | G10620   | 6                   | Serrated Flange Nut, 5/16"-18        |

**\*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. Different brand tires may have different diameters. Change in tire brands may affect rates. Field checks are recommended after any change in contact tires.**

**This page left blank intentionally.**

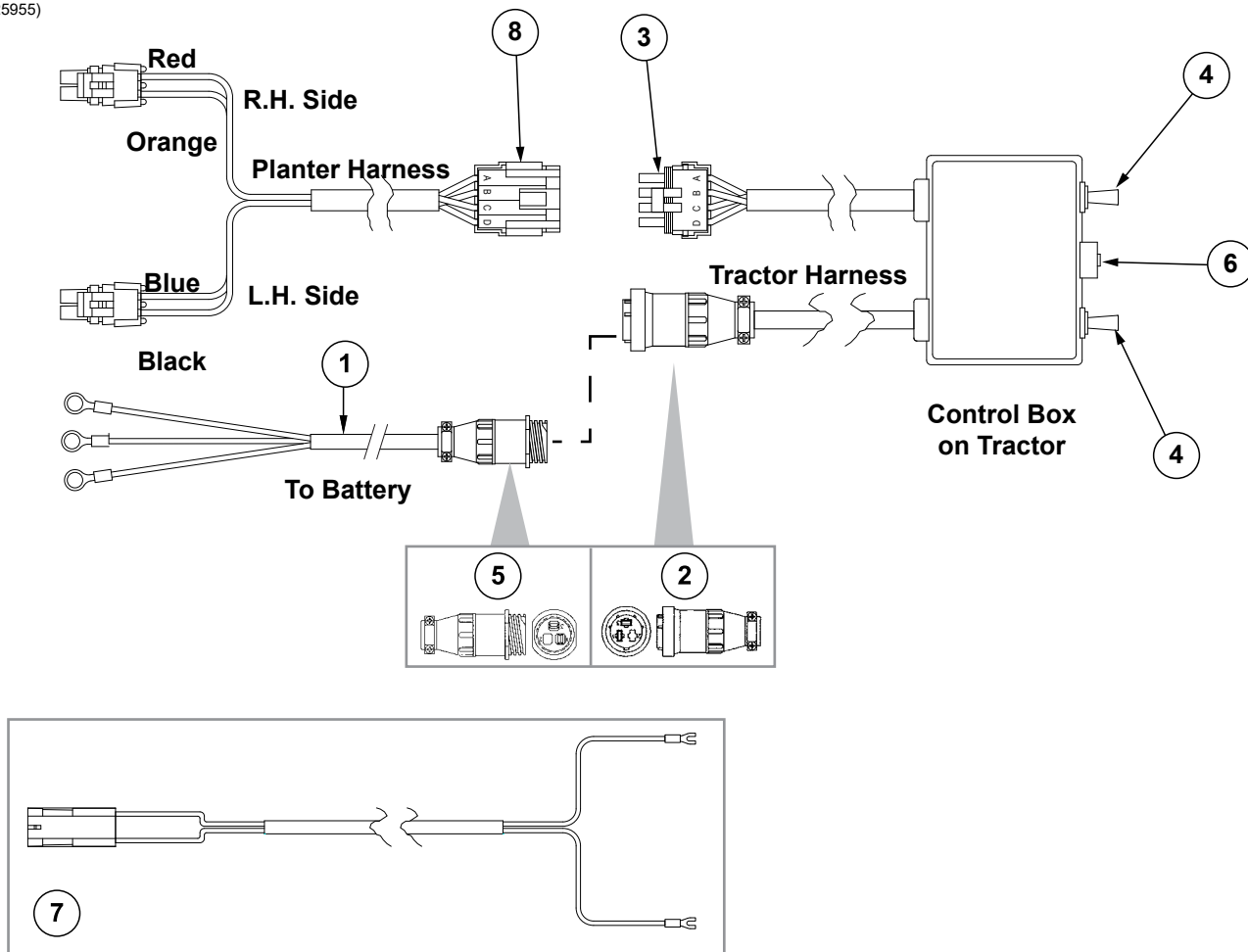
(EF40f)

## L.H. Side Shown



| ITEM | PART NO. | QTY.<br>(Per Assy.) | DESCRIPTION                                                                             |
|------|----------|---------------------|-----------------------------------------------------------------------------------------|
| 1    | ---      | -                   | <a href="#">See "Seed Rate Transmission Assembly and Driveline" on page P61</a>         |
| 2    | G10496   | 2                   | External Inverted Snap Ring, 1½"                                                        |
| 3    | G10253   | 3                   | Hex Socket Head Screw, No. 10-32 x ½"                                                   |
|      | G10257   | 3                   | Lock Washer, No. 10                                                                     |
| 4    | GD9667   | 1                   | Bushing                                                                                 |
| 5    | GD10103  | 1                   | Mounting Plate                                                                          |
| 6    | G10859   | 1                   | Spring Pin, ⅜" x 2¼"                                                                    |
| 7    | G10325   | 1                   | Hex Head Cap Screw, ⅜"-16 x 2¾"                                                         |
|      | G11387   | 2                   | Flat Washer, ⅜" SAE                                                                     |
|      | G10101   | 2                   | Hex Nut, ⅜"-16                                                                          |
| 8    | GD11120  | 1                   | Rue Ring Cotter, ⅝"                                                                     |
| 9    | GD30902  | 1                   | Actuator Arm                                                                            |
| 10   | G10049   | 1                   | Hex Head Cap Screw, ⅜"-16 x 2½"                                                         |
|      | G10101   | 1                   | Hex Nut, ⅜"-16                                                                          |
|      | G11387   | 1                   | Flat Washer, ⅜" SAE                                                                     |
|      | G10229   | 2                   | Lock Washer, ⅜"                                                                         |
|      | G10497   | 1                   | Hex Jam Nut, ⅜"-16, Grade 2                                                             |
| 11   | GD10123  | 1                   | Spring                                                                                  |
| 12   | GD10104  | 1                   | Input Hub                                                                               |
| 13   | GD10525  | 1                   | Sprocket, 34 Tooth                                                                      |
| 14   | GD10200  | 1                   | Sleeve, ¾" Long                                                                         |
| 15   | G10023   | 3                   | Hex Head Cap Screw, ¼"-20 x ¾"                                                          |
|      | G10227   | 3                   | Lock Washer, ¼"                                                                         |
| 16   | GD14512  | 2                   | V-Ring Seal                                                                             |
| 17   | GD14513  | 1                   | Felt Washer                                                                             |
| 18   | GA7137   | 1                   | Hub/Sleeve Assembly W/Spring Pins                                                       |
|      | G11934   | 2                   | Coiled Spring Pin, ¼" x 1" (Included W/GA7137)                                          |
| 19   | GD9672   | 1                   | Spring, R.H.                                                                            |
|      | GD9671   | -                   | Spring, L.H.                                                                            |
| 20   | GD30903  | 1                   | Stop Collar                                                                             |
| 21   | G10900   | 1                   | Hex Socket Head Cap Screw, ¼"-20 x 1¾", Grade 8                                         |
|      | G10227   | 1                   | Lock Washer, ¼"                                                                         |
|      | G10103   | 2                   | Hex Nut, ¼"-20                                                                          |
| 22   | G10023   | 1                   | Hex Head Cap Screw, ¼"-20 x ¾"                                                          |
|      | G10227   | 1                   | Lock Washer, ¼"                                                                         |
|      | G10103   | 1                   | Hex Nut, ¼"-20                                                                          |
| 23   | GA8393   | 1                   | Solenoid Complete                                                                       |
|      | GR1306   | 1                   | Snap Ring (Included W/GA8393)                                                           |
|      | GR1303   | 1                   | Spring (Included W/GA8393)                                                              |
|      | GR1304   | 1                   | Boot (Included W/GA8393)                                                                |
|      | GR1305   | 1                   | Plunger (Included W/GA8393)                                                             |
| 24   | GD10528  | -                   | Bracket, R.H. (Shown)                                                                   |
|      | GD10529  | 1                   | Bracket, L.H.                                                                           |
| 25   | GD7145   | 1                   | U-Bolt, 7" x 7" x ½"-13                                                                 |
|      | G10111   | 2                   | Lock Nut, ½"-13                                                                         |
| 26   | GA10054  | 1                   | Ground Cable, Green                                                                     |
| A    | GA7418   | -                   | Point Row Clutch Assembly, R.H. (R.H. Side Of Machine) (Items 2-6, 8-13, 15-23, And 26) |
| B    | GA7417   | -                   | Point Row Clutch Assembly, L.H. (L.H. Side Of Machine) (Items 2-6, 8-13, 15-23, And 26) |

(A25955)

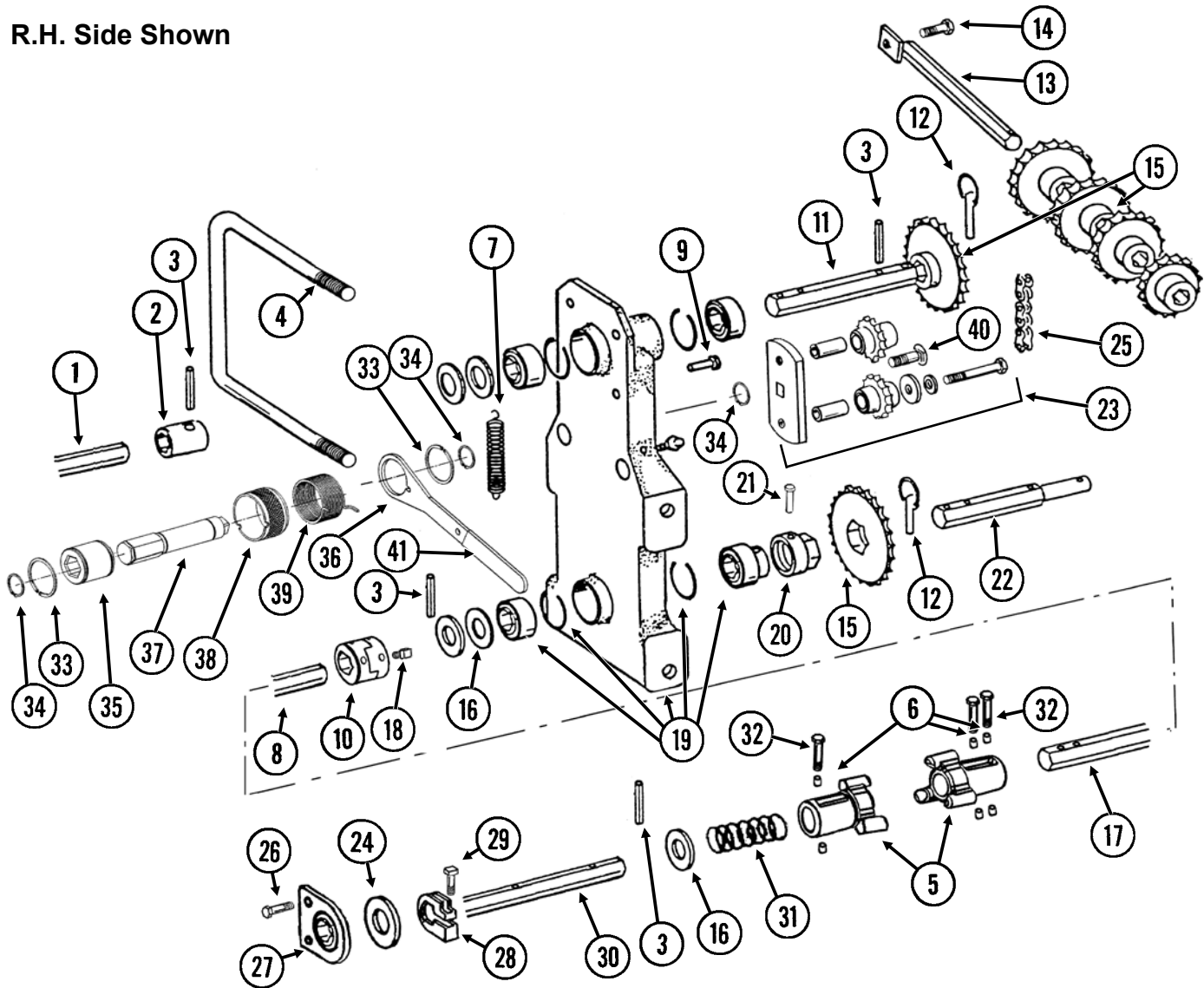


| ITEM | PART NO.          | QTY.<br>(Per Assy.) | DESCRIPTION                                                                                                           |
|------|-------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| 1    | GA17547           | 1                   | Power Adapter Cable                                                                                                   |
| 2    | G1K268            | -                   | Console Cable Connector Kit, Includes: (1) 3-Pin Connector, (1) Cable Clamp, (1) Lock Ring, (3) Female Terminal Pins  |
| 3    | GA25528<br>GA8329 | 1<br>-              | Harness W/4-Pin Connector, 152"<br>4-Pin Connector W/Male Housing, 4 Seals And 4 Socket Contacts (Included W/ GR1447) |
| 4    | GA7144            | 2                   | Two Position Switch                                                                                                   |
| 5    | ---               | ---                 | ---                                                                                                                   |
| 6    | GA7165            | 1                   | Circuit Breaker, 12 Amp                                                                                               |
| 7    | GA25526           | 2                   | Control Box Harness                                                                                                   |
| 8    | GA25529<br>GA8328 | 1<br>-              | Harness<br>4-Pin Connector W/Female Housing, 4 Seals and 4 Pin Contacts (Included W/ GA25863)                         |
| A    | GA25954           | -                   | Control Box Assembly (Items 4, 6, and 8)                                                                              |

**This page left blank intentionally.**

(EF45h)

## R.H. Side Shown



| ITEM | PART NO.   | QTY.<br>(Per Assy.) | DESCRIPTION                                  |
|------|------------|---------------------|----------------------------------------------|
| 1    | GD0914-20  | 2                   | Hex Shaft, 7/8" x 20" (No Holes), 12 Row 30" |
| 2    | GD5961     | 1                   | Coupler, 2 1/4"                              |
| 3    | G10602     | -                   | Spring Pin, 1/4" x 1 1/2"                    |
| 4    | GD1114     | 1                   | U-Bolt, 7" x 7" x 5/8"-11                    |
|      | G10230     | 2                   | Lock Washer, 5/8"                            |
|      | G10104     | 2                   | Hex Nut, 5/8"-11                             |
| 5    | GB0283     | 2                   | Coupler                                      |
| 6    | GD11395    | 6                   | Bushing, 1/2"                                |
| 7    | GD5857     | 1                   | Spring                                       |
| 8    | GD12616-78 | 2                   | Hex Shaft, 7/8" x 78" (2 Holes), 12 Row 30"  |
| 9    | G10478     | 1                   | Clevis Pin, 5/16" x 1"                       |
|      | G10409     | 1                   | Retaining Ring, 5/16"                        |
| 10   | GB0287     | 2                   | Coupler                                      |
| 11   | GD5835     | 1                   | Shaft, 7/8" x 7"                             |
| 12   | GD2558     | 3                   | Lynch Pin, 1/4"                              |

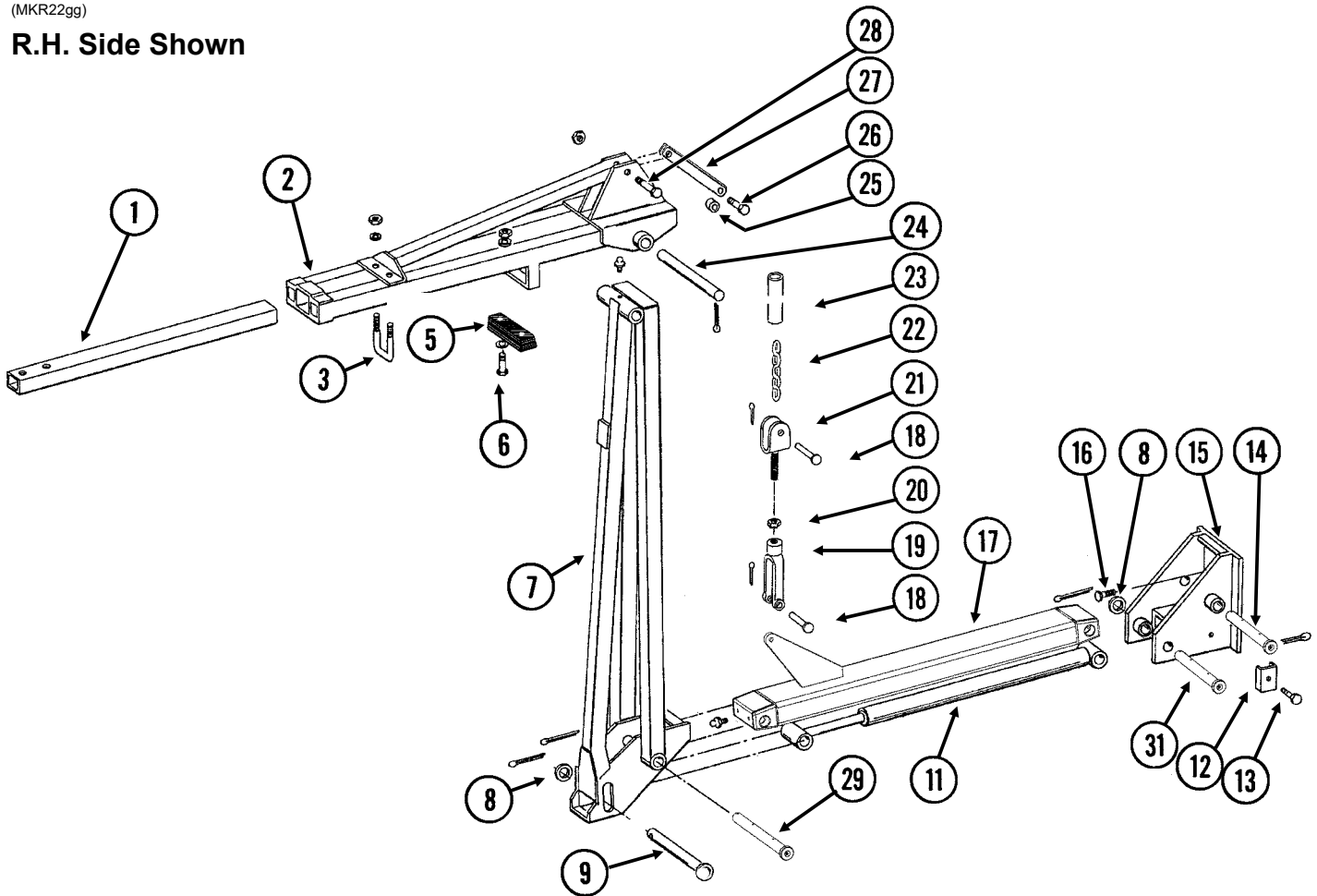
| ITEM | PART NO.   | QTY.<br>(Per Assy.) | DESCRIPTION                                                        |
|------|------------|---------------------|--------------------------------------------------------------------|
| 13   | GA7482     | 1                   | Sprocket Storage Rod (Vacuum)                                      |
|      | GA5146     | 1                   | Sprocket Storage Rod (Mechanical)                                  |
| 14   | G10017     | 1                   | Hex Head Cap Screw, 1/2"-13 x 1 1/2"                               |
|      | G10527     | 1                   | Lock Washer, 1/2", Internal/External                               |
|      | G10111     | 1                   | Lock Nut, 1/2"-13                                                  |
| 15   | GA5105     | 1                   | Sprocket, 15 Tooth                                                 |
|      | GA5106     | 1                   | Sprocket, 17 Tooth                                                 |
|      | GA5107     | 1                   | 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                                                 |
| 16   | G10233     | 4                   | Machine Bushing, 1", 10 Gauge                                      |
| 17   | GD11393-78 | 2                   | Hex Shaft, 7/8" x 78" (3 Holes), 12 Row 30"                        |
| 18   | G10131     | 4                   | Square Head Set Screw, 5/16"-18 x 3/4"                             |
| 19   | GA5629     | 1                   | Transmission Plate W/Bearings, Grease Fittings And Retaining Rings |
|      | GA5116     | 3                   | Bearing, 7/8" Hex Bore, Cylindrical (Included W/GA5629)            |
|      | GA5624     | 1                   | Special Bearing, 7/8" Hex Bore x 1.6" (Included W/GA5629)          |
|      | GD6551     | 4                   | Ring (Included W/GA5629)                                           |
|      | G10640     | -                   | Grease Fitting, 1/4"-28 (Included W/GA5629)                        |
| 20   | GD7127     | 1                   | Shear Coupler                                                      |
| 21   | G10821     | 1                   | Clevis Pin, 3/16" x 2"                                             |
|      | G10455     | -                   | Cotter Pin, 1/16" x 1/2"                                           |
| 22   | GD7822     | 1                   | Shaft, 7/8" x 7"                                                   |
| 23   | GA7336     | 1                   | Idler W/Bolt-On Sprockets                                          |
|      | GD7426     | -                   | Sprocket, 12 Tooth (Included W/GA7336)                             |
|      | GD1026     | -                   | Sleeve, 1 3/16" Long (Included W/GA7336)                           |
|      | G11387     | -                   | Flat Washer, 3/8" SAE (Included W/GA7336)                          |
|      | G10229     | -                   | Lock Washer, 3/8" (Included W/GA7336)                              |
|      | G10047     | -                   | Hex Head Cap Screw, 3/8"-16 x 1 3/4" (Included W/GA7336)           |
| 24   | G11396     | 1                   | Flat Washer, 1 1/4"                                                |
| 25   | G3310-80   | 1                   | Chain, No. 40, 80 Pitch Including Connector Link                   |
|      | GR0912     | -                   | Connector Link, No. 40                                             |
| 26   | G10004     | -                   | Hex Head Cap Screw, 3/8"-16 x 1 1/4"                               |
|      | G10229     | -                   | Lock Washer, 3/8"                                                  |
|      | G10101     | 1                   | Hex Nut, 3/8"-16                                                   |
| 27   | GA2180     | 2                   | Hanger Bearing, 7/8" Hex Bore                                      |
| 28   | GD11045    | -                   | Lock Clamp                                                         |
| 29   | G10130     | -                   | Square Head Machine Bolt, 5/16"-18 x 1 3/4"                        |
|      | G10923     | -                   | Flange Nut, 5/16"-18, No Serration                                 |
| 30   | GD11394-79 | 1                   | Hex Shaft, 7/8" x 79" (2 Holes), L.H., 12 Row 30"                  |
|      | GD11394-90 | -                   | Hex Shaft, 7/8" x 90" (2 Holes), R.H., 12 Row 30"                  |
| 31   | GD2962     | 2                   | Spring                                                             |
| 32   | G10880     | 3                   | Hex Head Cap Screw, 1/4"-20 x 2 1/4"                               |
|      | G10110     | 3                   | Lock Nut, 1/4"-20, Grade B                                         |
| 33   | G10496     | 2                   | External Inverted Snap Ring, 1 1/2"                                |
| 34   | G11075     | 3                   | External Inverted Snap Ring, 7/8"                                  |
| 35   | GD14432    | 1                   | Sleeve, 1 1/4"                                                     |
| 36   | GD14431    | 1                   | Handle                                                             |
| 37   | GD14427    | 1                   | Tightener Shaft, 4 7/8"                                            |
| 38   | GD19343    | 1                   | Release Collar, R.H. (Shown)                                       |
|      | GD19344    | -                   | Release Collar L.H.                                                |

| ITEM | PART NO. | QTY.<br>(Per Assy.) | DESCRIPTION                                                                 |
|------|----------|---------------------|-----------------------------------------------------------------------------|
| 39   | GD14413  | -                   | Torsion Spring, L.H. (Shown)                                                |
|      | GD14414  | 1                   | Torsion Spring, R.H.                                                        |
| 40   | G11100   | 1                   | Hex Socket Button Head Cap Screw, 1/4"-20 x 1/2", Grade 8                   |
|      | G10227   | 1                   | Lock Washer, 1/4"                                                           |
|      | G11453   | 1                   | Fender Washer, 1/4"                                                         |
| 41   | G11078   | 1                   | Vinyl Cap                                                                   |
| A    | G1K378   | 1                   | Wrap Spring Wrench Replacement Kit, Blue Collar, R.H. (Items 33-41) (Shown) |
|      | G1K379   | -                   | Wrap Spring Wrench Replacement Kit, Gray Collar, L.H. (Items 33-41)         |

**This page left blank intentionally.**

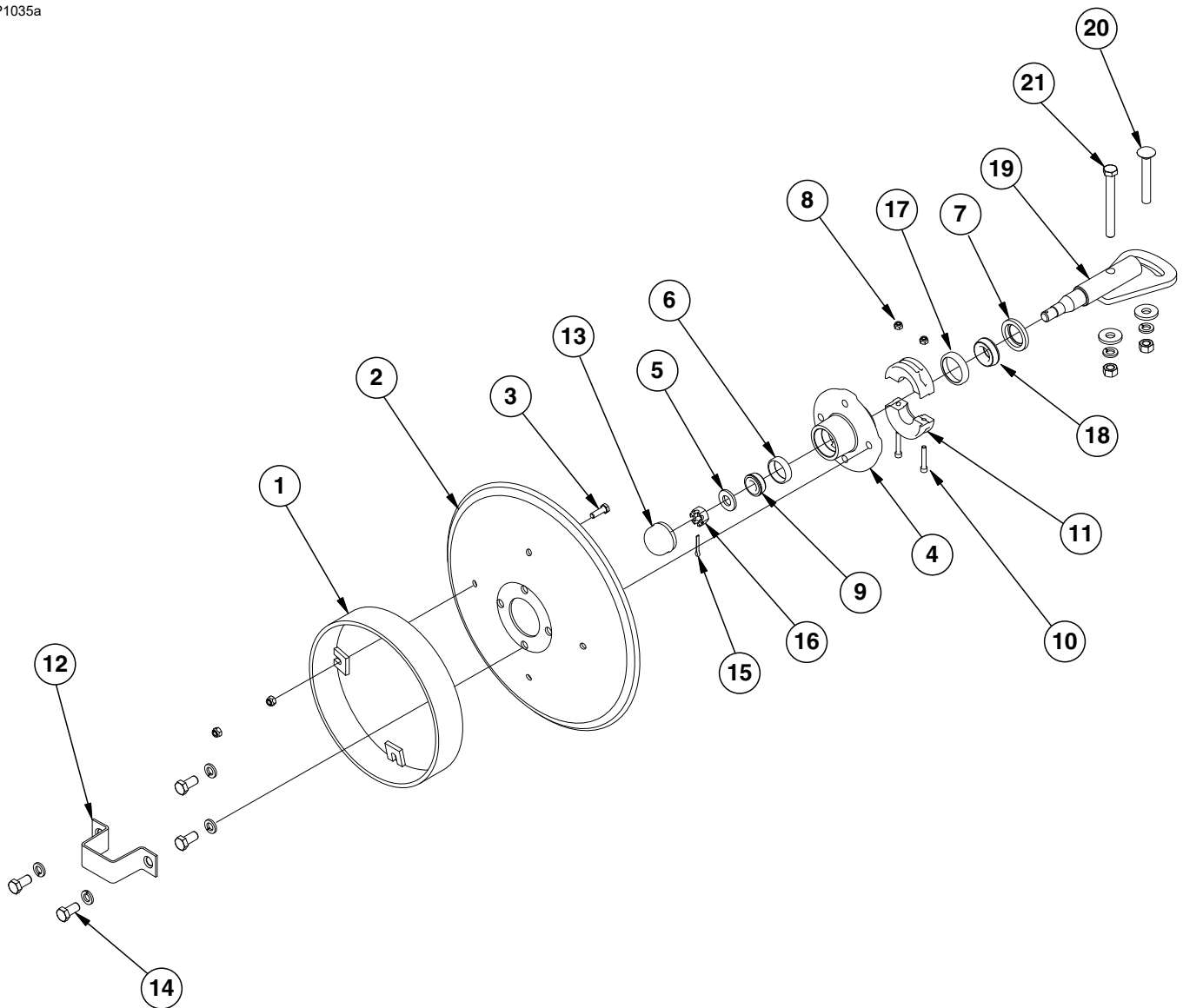
(MKR22gg)

R.H. Side Shown



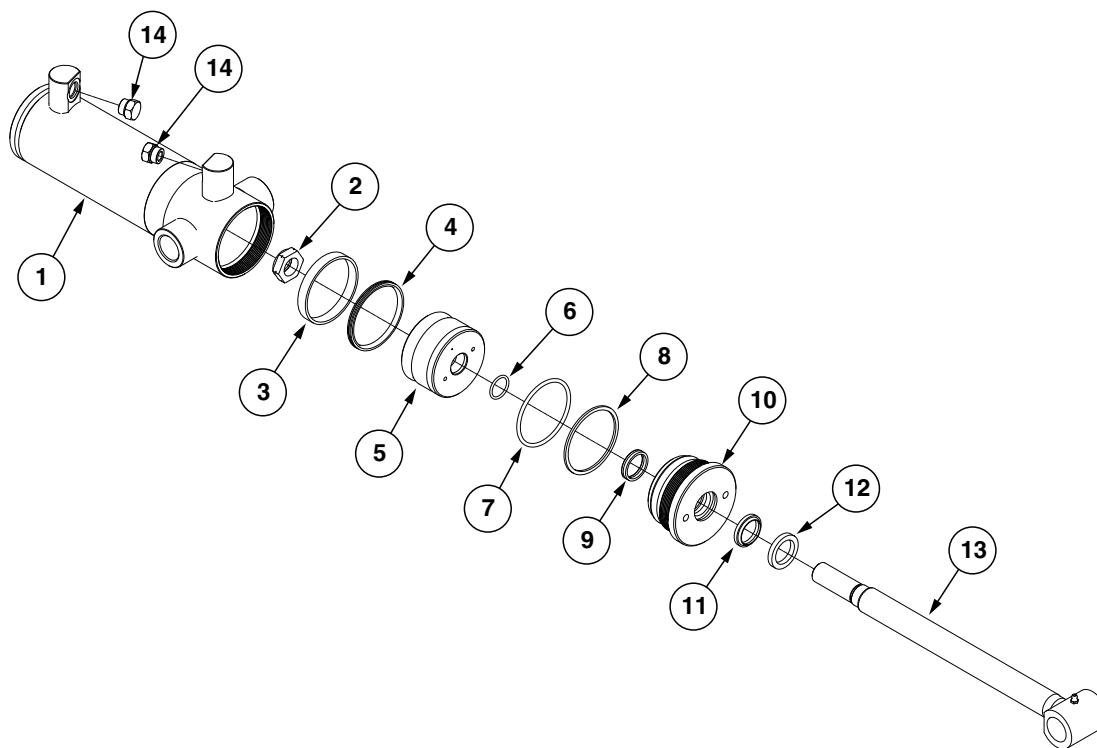
| ITEM | PART NO.   | QTY.<br>(Per Assy.) | DESCRIPTION                                                     |
|------|------------|---------------------|-----------------------------------------------------------------|
| 1    | GD0453-03  | 1                   | Extension Tube, 50", 12 Row 30"                                 |
| 2    | GA8075     | 1                   | Arm, Third Stage, 35", 12 Row 30"                               |
| 3    | GD2721     | 1                   | U-Bolt, 2" x 2" x 1/2"-13                                       |
|      | G10228     | 2                   | Lock Washer, 1/2"                                               |
|      | G10102     | 2                   | Hex Nut, 1/2"-13                                                |
| 4    | ---        | -                   | ---                                                             |
| 5    | GA9145     | 1                   | Molded Stop, 6 1/4" Long                                        |
| 6    | G10047     | 2                   | Hex Head Cap Screw, 3/8"-16 x 1 3/4"                            |
|      | G10809     | -                   | Hex Head Cap Screw, 3/8"-16 x 3 1/4"                            |
|      | G11387     | 2                   | Flat Washer, 3/8" SAE                                           |
|      | G10108     | 2                   | Lock Nut, 3/8"-16                                               |
| 7    | GA8076     | 1                   | Arm W/Grease Fitting, Second Stage, 72", 12 Row 30"             |
|      | G10641     | -                   | Grease Fitting, 1/8" NPT (Included W/GA8076)                    |
| 8    | G10159     | -                   | Washer, 1 7/8"                                                  |
| 9    | GD15386    | 2                   | Pin, 1 1/4" x 7 5/8"                                            |
|      | G10460     | 2                   | Cotter Pin, 1/4" x 2"                                           |
| 10   | GD21142    | -                   | Marker Pin, 1 1/4" x 1 3/16"                                    |
|      | G10640     | -                   | Grease Fitting, 1/4"-28                                         |
|      | G11400     | -                   | Retaining Ring, 1 1/4"                                          |
|      | G10460     | 1                   | Cotter Pin, 1/4" x 2"                                           |
| 11   | ---        | -                   | <a href="#">See "Row Marker (Cushion) Cylinder" on page P73</a> |
| 12   | GD5875     | 1                   | Hose Clamp, 9/16" x 2 1/2" x 2"                                 |
| 13   | G10003     | 1                   | Hex Head Cap Screw, 3/8"-16 x 1 1/2"                            |
|      | G10108     | 1                   | Lock Nut, 3/8"-16                                               |
| 14   | GD21143    | -                   | Marker Pin, 1 1/4" x 9 1/2"                                     |
|      | G10640     | -                   | Grease Fitting, 1/4"-28                                         |
|      | G11400     | -                   | Retaining Ring, 1 1/4"                                          |
|      | G10460     | 1                   | Cotter Pin, 1/4" x 2"                                           |
| 15   | GA8073     | 1                   | Mount                                                           |
| 16   | G10879     | 4                   | Flanged 12 Point Bolt, 5/8"-11 x 2", Special Hardened           |
|      | G10230     | 2                   | Lock Washer, 5/8"                                               |
|      | G10104     | 2                   | Hex Nut, 5/8"-11                                                |
| 17   | GA11592    | -                   | Arm, First Stage                                                |
|      | GD11751    | -                   | Steel Bushing, 1" Wide (Included W/GA11592)                     |
| 18   | G10560     | 2                   | Clevis Pin, 1/2" x 1 3/4"                                       |
|      | G10451     | -                   | Cotter Pin, 1/8" x 1"                                           |
| 19   | GD8218     | 1                   | Yoke                                                            |
| 20   | G10503     | 1                   | Hex Jam Nut, 5/8"-11, Grade 2                                   |
| 21   | GD11115    | 1                   | Plain Yoke                                                      |
| 22   | G3302-07   | 1                   | Coil Chain, No. 9/0, 28 Links, 12 Row 30"                       |
| 23   | GD10674-02 | 1                   | Chain Cover, 56", 12 Row 30"                                    |
| 24   | GD2697     | 1                   | Pin, 7/8" x 11"                                                 |
|      | G10463     | 2                   | Cotter Pin, 1/4" x 1 1/2"                                       |
| 25   | GD2971-11  | 1                   | Sleeve, 1 7/8" Long                                             |
| 26   | G10049     | 1                   | Hex Head Cap Screw, 3/8"-16 x 2 1/2"                            |
|      | G11387     | 1                   | Flat Washer, 3/8"                                               |
|      | G10108     | 1                   | Lock Nut, 3/8"-16                                               |
| 27   | GA8072     | 1                   | Linkage, 10"                                                    |
| 28   | G10862     | 1                   | Hex Head Cap Screw, 5/8"-11 x 3 1/4"                            |
|      | G10107     | 2                   | Lock Nut, 5/8"-11                                               |

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    | GA26876  | 1                   | Hub W/Cups, 4 Bolt (Includes Items 6 and 17)                     |
|      | GB1225   | 1                   | Hub, 4 Bolt (Included W/GA26876)                                 |
| 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    | GA26909  | -                   | Hub And Spindle Assembly, (Items 4-7, 9, and 12-19)              |

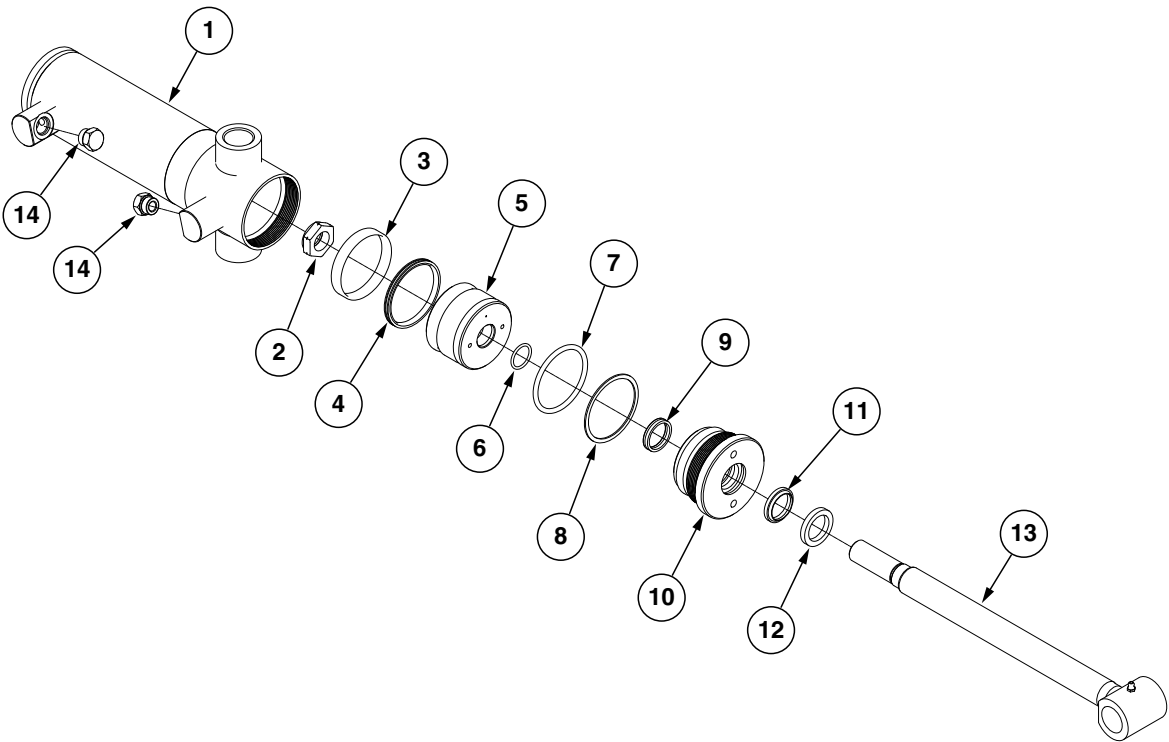
(IP1523)



| ITEM | PART NO.           | QTY.   | DESCRIPTION                                                                                    |
|------|--------------------|--------|------------------------------------------------------------------------------------------------|
| 1    | A4295              | 1      | Barrel (Non-Stock Item)                                                                        |
| 2    | GD27235            | 1      | Nylon Lock Nut, 1"-14, Grade 8                                                                 |
| 3    | *D12056            | 1      | Wear Ring                                                                                      |
| 4    | *A26168            | 1      | BP Seal                                                                                        |
| 5    | GA21112            | 1      | Piston                                                                                         |
| 6    | *D29649            | 1      | O-Ring, No. 215                                                                                |
| 7    | *D12231            | 1      | O-Ring, No. 338                                                                                |
| 8    | *D12232            | 1      | BU Ring                                                                                        |
| 9    | *D12251            | 1      | U-Cup                                                                                          |
| 10   | GD12507            | 1      | Gland                                                                                          |
| 11   | *D12210            | 1      | Wiper                                                                                          |
| 12   | GD12102            | 1      | Ring                                                                                           |
| 13   | GA21106            | 1      | Rod                                                                                            |
| 14   | G6408-08<br>GR1037 | 2<br>- | Plug W/O-Ring, 3/4"-16 O-Ring<br>O-Ring                                                        |
| A    | GA21111            | -      | Cylinder Complete, 3½" x 8" ( <i>Part Number Stamped On Barrel</i> )                           |
| B    | GR2228             | -      | Seal Kit, Includes: (1) Wiper, (3) O-Rings, (1) BU Ring, (1) BP Seal, (1) Wear Ring, (1) U-Cup |

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

(IP1524)

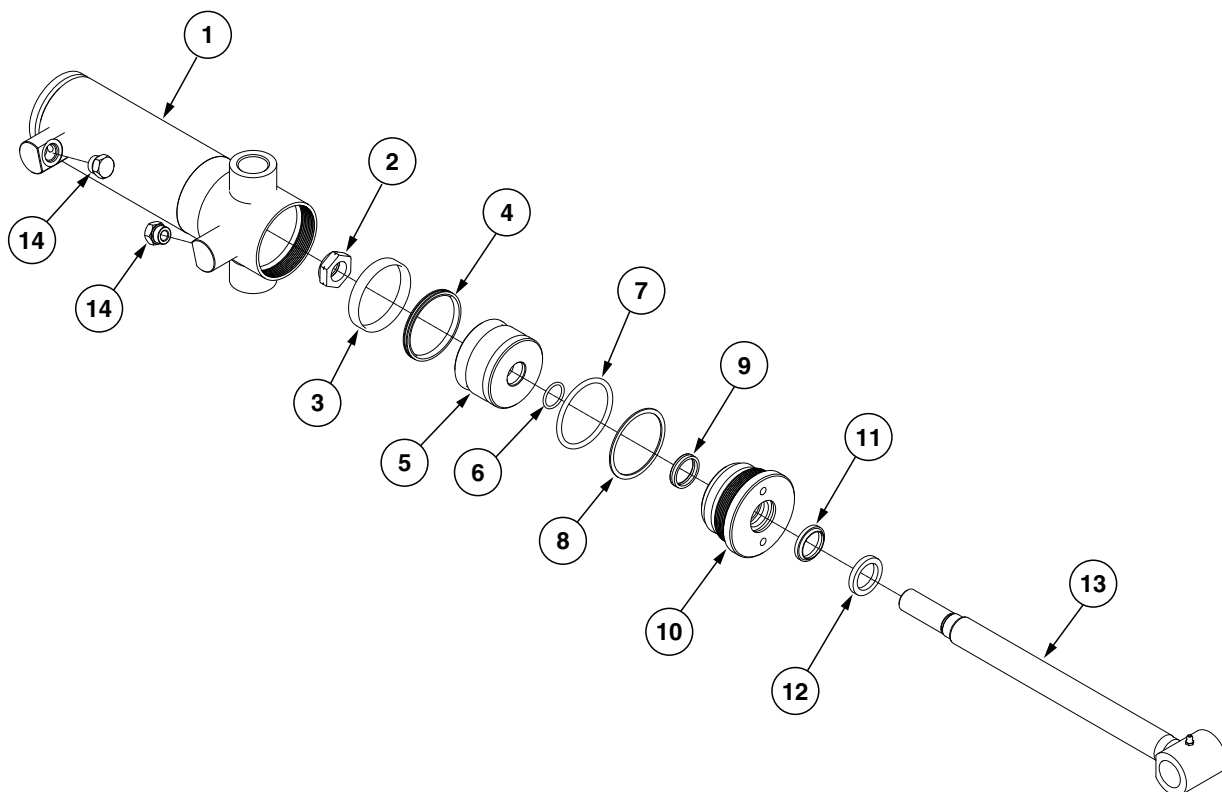


| ITEM | PART NO. | QTY. | DESCRIPTION                                                                                   |
|------|----------|------|-----------------------------------------------------------------------------------------------|
| 1    | A7538    | 1    | Barrel (Non-Stock Item)                                                                       |
| 2    | GD27235  | 1    | Nylon Lock Nut, 1"-14, Grade 8                                                                |
| 3    | *D12038  | 1    | Wear Ring                                                                                     |
| 4    | *A26167  | 1    | BP Seal                                                                                       |
| 5    | GA21105  | 1    | Piston                                                                                        |
| 6    | *D29649  | 1    | O-Ring, No. 215                                                                               |
| 7    | *D12227  | 1    | O-Ring, No. 336                                                                               |
| 8    | *D12228  | 1    | Back-Up Ring                                                                                  |
| 9    | *D12251  | 1    | U-Cup                                                                                         |
| 10   | GD12505  | 1    | Gland                                                                                         |
| 11   | *D12210  | 1    | Wiper                                                                                         |
| 12   | GD12102  | 1    | Ring                                                                                          |
| 13   | GA21106  | 1    | Rod                                                                                           |
| 14   | G6408-08 | 2    | Plug W/O-Ring, 3/4"-16 O-Ring                                                                 |
|      | GR1037   | -    | O-Ring                                                                                        |
| A    | GA21104  | -    | Cylinder Complete, 3 1/4" x 8" ( <i>Part Number Stamped On Barrel</i> )                       |
| B    | GR2225   | -    | Seal Kit, Includes: (1) Wiper, (1) U-Cup, (3) O-Rings, (1) BU Ring, (1) T-Seal, (1) Wear Ring |

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

**This page left blank intentionally.**

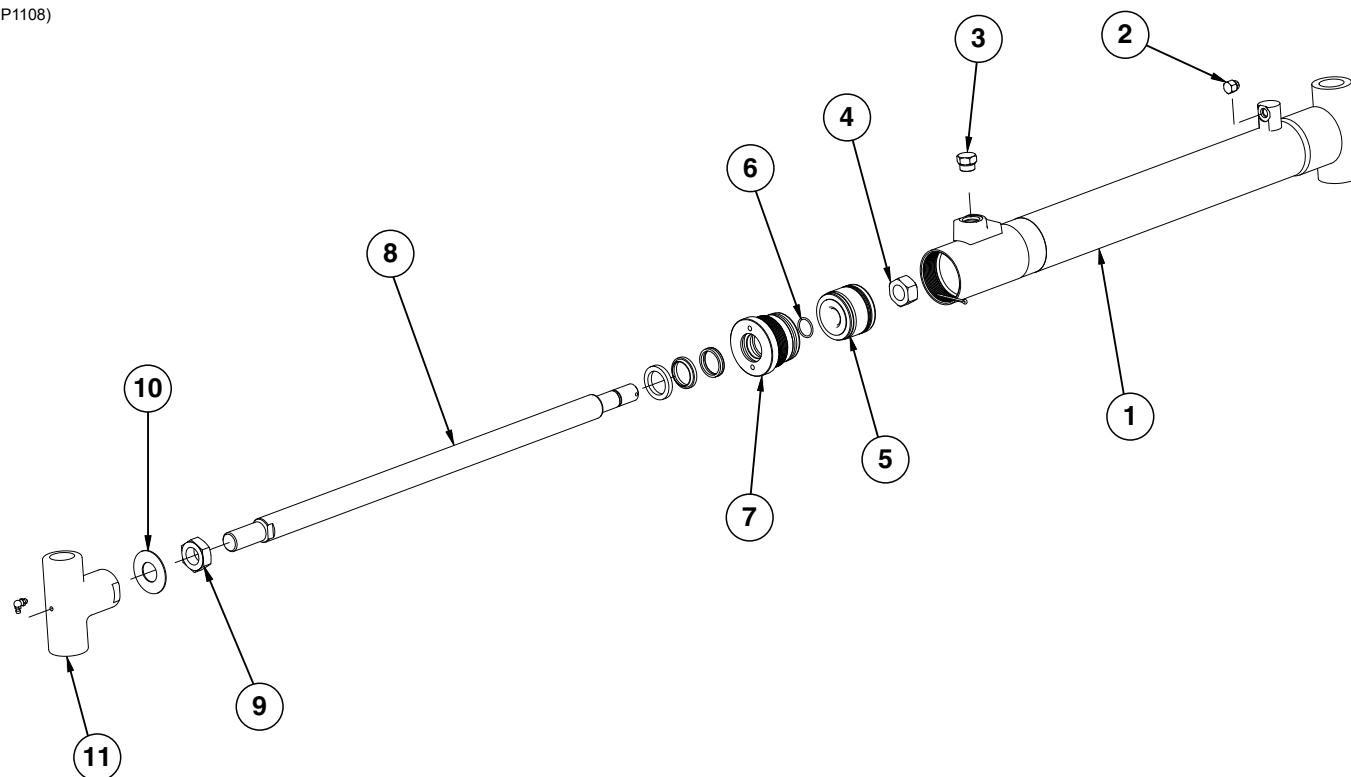
(IP1526)



| ITEM | PART NO. | QTY. | DESCRIPTION                                                                                    |
|------|----------|------|------------------------------------------------------------------------------------------------|
| 1    | A7538    | 1    | Barrel (Non-stock Item)                                                                        |
| 2    | GD27235  | 1    | Nylon Lock Nut, 1"-14, Grade 8                                                                 |
| 3    | *D12038  | 1    | Wear Ring                                                                                      |
| 4    | *A26167  | 1    | BP Seal                                                                                        |
| 5    | GD30388  | 1    | Piston                                                                                         |
| 6    | *D29649  | 1    | O-Ring, No. 215                                                                                |
| 7    | *D12227  | 1    | O-Ring, No. 336                                                                                |
| 8    | *D12228  | 1    | Back-Up Ring                                                                                   |
| 9    | *D12251  | 1    | U-Cup                                                                                          |
| 10   | GD12505  | 1    | Gland                                                                                          |
| 11   | *D12210  | 1    | Wiper                                                                                          |
| 12   | GD12102  | 1    | Ring                                                                                           |
| 13   | GA21106  | 1    | Rod                                                                                            |
| 14   | G6408-08 | 2    | Plug W/O-Ring, 3/4"-16 O-Ring                                                                  |
|      | GR1037   | -    | O-Ring                                                                                         |
| A    | GA21109  | -    | Cylinder Complete, 3 1/4" x 8" (Part Number Stamped On Barrel)                                 |
| B    | GR2225   | -    | Seal Kit, Includes: (1) Wiper, (1) U-Cup, (3) O-Rings, (1) BU Ring, (1) BP Seal, (1) Wear Ring |

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

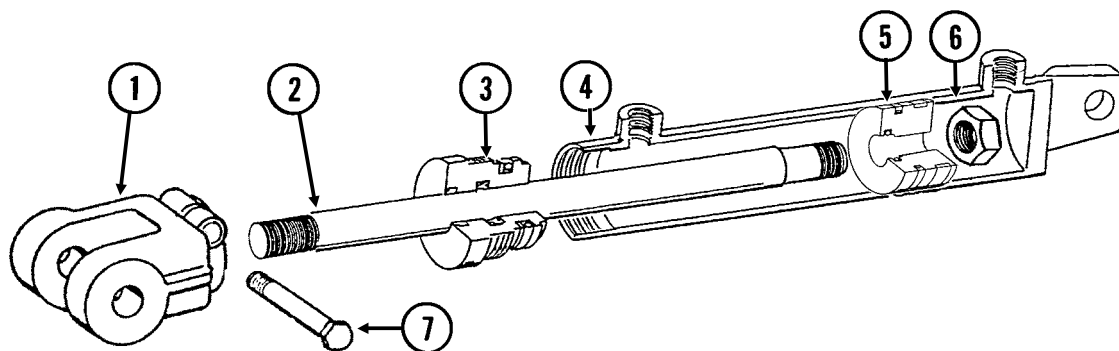
(IP1108)



| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                                         |
|------|-----------|------|-----------------------------------------------------------------------------------------------------|
| 1    | A8836     | 1    | Barrel ( <b>Non-Stock Item</b> )                                                                    |
| 2    | G6408-04  | 1    | Plug W/O-Ring, $\frac{7}{16}$ "-20 O-Ring                                                           |
|      | GR1465    | -    | O-Ring                                                                                              |
| 3    | G6408-08  | 1    | Plug W/O-Ring, $\frac{3}{4}$ "-16 O-Ring                                                            |
|      | GR1037    | -    | O-Ring                                                                                              |
| 4    | G10969    | 1    | Lock Nut, $\frac{7}{8}$ "-14                                                                        |
| 5    | GD11983   | 1    | Piston                                                                                              |
|      | *A24473   | 1    | BP Seal, 2 $\frac{1}{2}$ "                                                                          |
|      | *D12012   | 1    | Piston Ring, 2 $\frac{1}{2}$ "                                                                      |
| 6    | *D12214   | 1    | O-Ring                                                                                              |
| 7    | GD10207   | 1    | Gland                                                                                               |
|      | *D12251   | 1    | U-Cup                                                                                               |
|      | *D12213   | 1    | Back-up Ring                                                                                        |
|      | *D12212   | 1    | O-Ring                                                                                              |
|      | *D12210   | 1    | Wiper                                                                                               |
|      | GD12102   | 1    | Cast Iron Ring                                                                                      |
| 8    | GD14529   | 1    | Rod (2015 - 2017 Production)                                                                        |
|      | GD34209   | -    | Rod (2018 Production and on)                                                                        |
| 9    | G10324    | 1    | Hex Jam Nut, 1"-14                                                                                  |
| 10   | GD23002   | 1    | Locking Devise                                                                                      |
| 11   | GD14308   | 1    | Threaded Sleeve End                                                                                 |
|      | G10779    | 1    | Grease Fitting, 90°, $\frac{1}{4}$ "-28                                                             |
| A    | GA10123   | -    | Cylinder Complete, 2 $\frac{1}{2}$ " x 20 $\frac{1}{16}$ " ( <i>Part Number Stamped On Barrel</i> ) |
| B    | G10949601 | 1    | Seal Kit, Includes: (1) BP Seal, (2) O-Rings, (1) BU Ring, (1) U-Cup, (1) Wiper, (1) Cast Iron Ring |

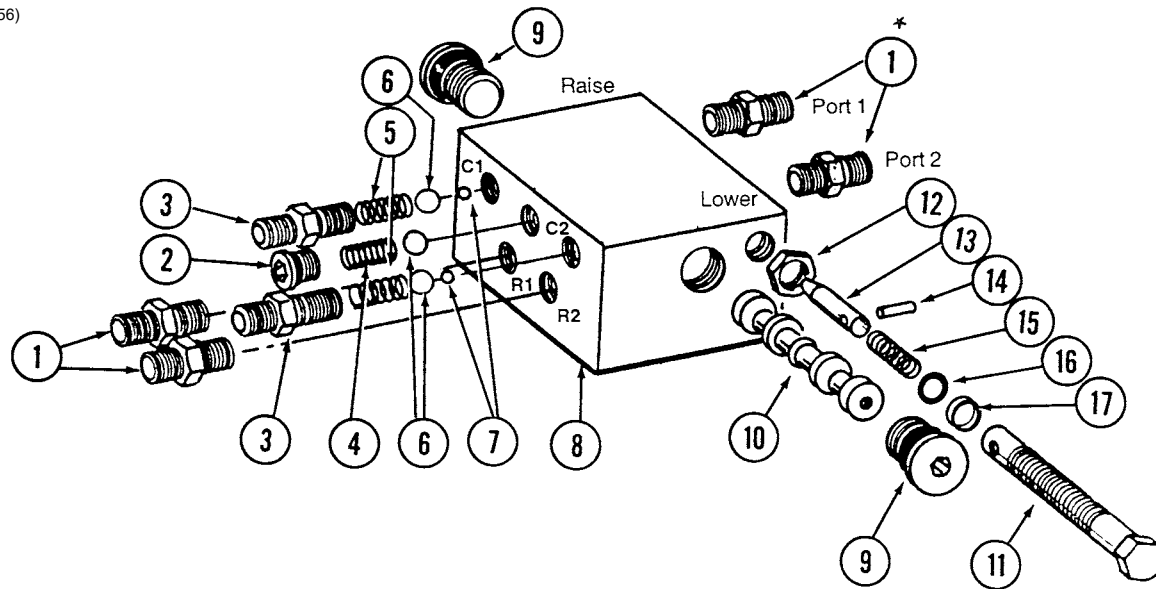
\*Part of seal kit, item can not be purchased individually.

CYL032(CYL14c)



| ITEM | PART NO. | QTY. | DESCRIPTION                                                                                   |
|------|----------|------|-----------------------------------------------------------------------------------------------|
| 1    | GD11950  | 1    | Clevis                                                                                        |
| 2    | GD12501  | 1    | Rod                                                                                           |
| 3    | GD11999  | 1    | Gland                                                                                         |
| 4    | A6524    | 1    | Barrel <b>(Non-Stock Item)</b>                                                                |
| 5    | GD12502  | 1    | Piston                                                                                        |
| 6    | G10958   | 1    | Lock Nut, 1"-14                                                                               |
| 7    | G10939   | 1    | Hex Head Cap Screw, 3/8"-16 x 2 1/4"                                                          |
|      | G10108   | 1    | Lock Nut, 3/8"-16                                                                             |
| A    | GA8911   | -    | Cylinder Complete, 3" x 16" <i>(Part Number Stamped On Barrel)</i>                            |
| B    | GR1526   | -    | Seal Kit, Includes: (1) Wear Ring, (1) T-Seal, (2) O-Rings, (1) BU Ring, (1) U-Cup, (1) Wiper |

(PT9a/TWL56)

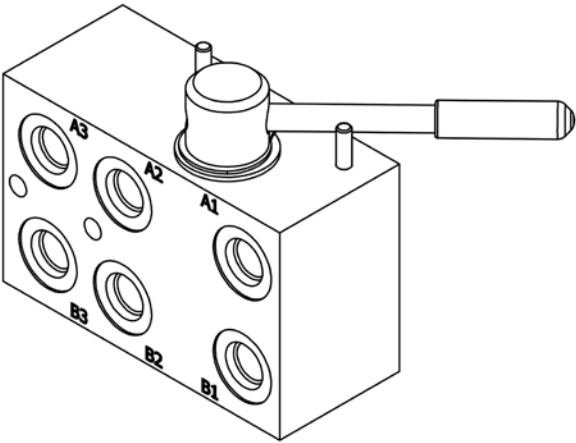


| ITEM | PART NO.           | QTY.   | DESCRIPTION                                                                                                                                  |
|------|--------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | G6400-06<br>GR1045 | 4<br>- | Connector W/O-Ring, 1/16"-18 Male JIC To O-Ring                                                                                              |
| 2    | *R1034<br>GR1035   | 2<br>- | Hex Socket Plug W/O-Ring                                                                                                                     |
| 3    | *R1032<br>GR1045   | 2<br>- | Port Adapter W/O-Ring                                                                                                                        |
| 4    | *R1033             | 1      | Detent Spring                                                                                                                                |
| 5    | *R1036             | 2      | Spring                                                                                                                                       |
| 6    | *R1044             | 3      | 7/16" Check Ball                                                                                                                             |
| 7    | *R1043             | 2      | 1/4" Steel Ball                                                                                                                              |
| 8    | ---                | 1      | Valve Body ( <b>Non-Stock Item</b> )                                                                                                         |
| 9    | *R1047<br>GR1037   | 2<br>- | Hex Socket Plug W/O-Ring                                                                                                                     |
| 10   | ---                | -      | Spool ( <b>Non-Stock Item</b> )                                                                                                              |
| 11   | **R1042            | 2      | Adjustment Screw                                                                                                                             |
| 12   | **R1048            | 2      | Hex Jam Nut, 1/2"-20                                                                                                                         |
| 13   | **R1038            | 2      | Needle                                                                                                                                       |
| 14   | **R1039            | 2      | Spring Pin                                                                                                                                   |
| 15   | **R1046            | 2      | Compression Spring                                                                                                                           |
| 16   | **R1040            | 2      | O-Ring                                                                                                                                       |
| 17   | **R1041            | 2      | Teflon BU Ring                                                                                                                               |
| A    | GA5552             | -      | Valve Assembly Complete (Items 1-17)                                                                                                         |
| B    | GA20822            | -      | Flow Control Assembly Portion Only (Items 11-17)                                                                                             |
| C    | GR2035             | -      | Detent Kit, Includes: (2) Hex Socket Plug W/O-Ring, (2) Port Adapter W/O-Ring, (1) Detent Spring, (2) Spring, (3) Check Ball, (2) Steel Ball |

\*Item is part of detent kit (GR2035), item can not be purchased individually

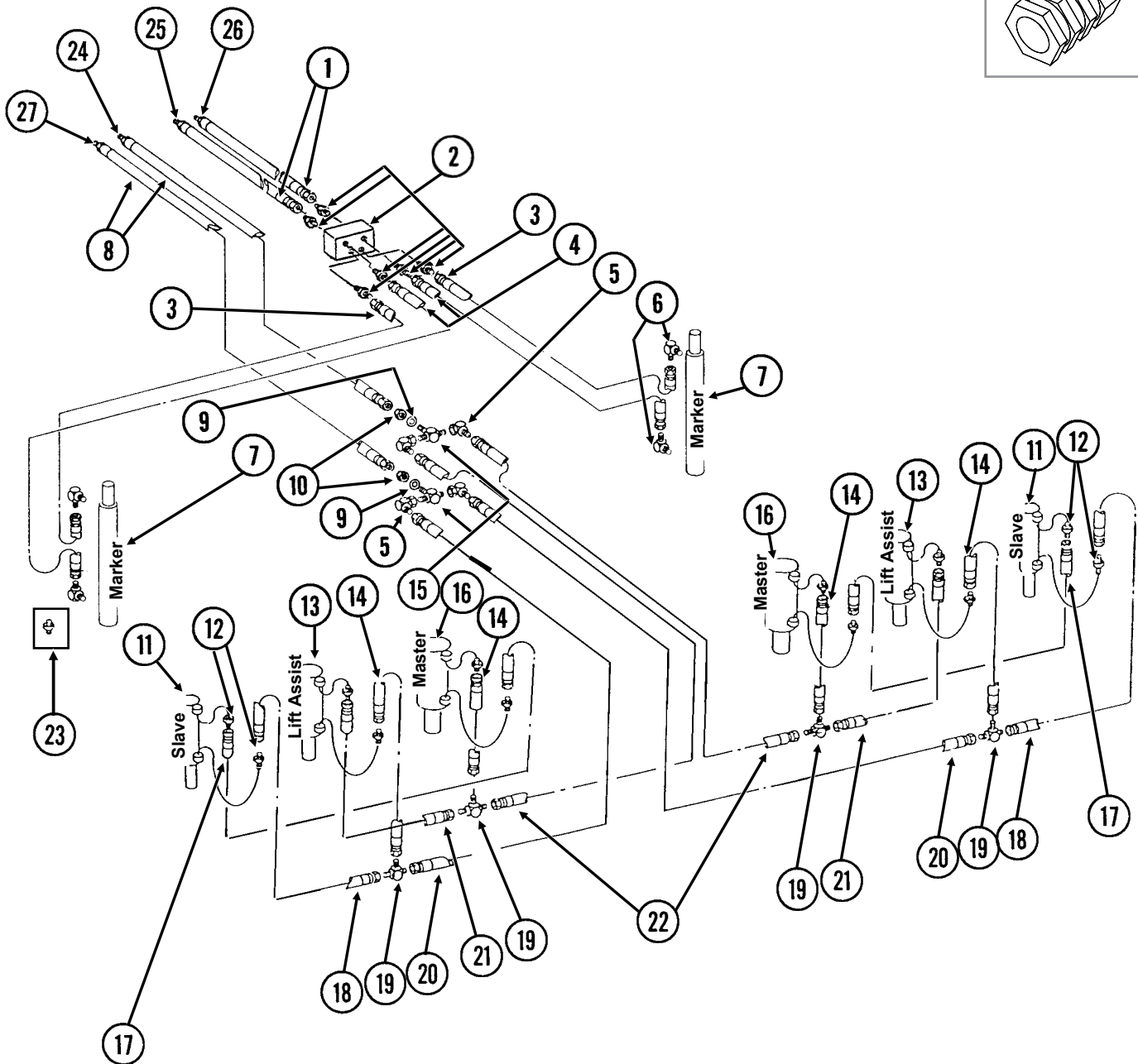
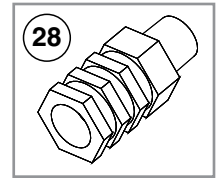
\*\*Item is part of seal kit (GA20822), item can not be purchased individually.

(A24857)



| ITEM | PART NO. | QTY. | DESCRIPTION    |
|------|----------|------|----------------|
| A    | GA24857  | -    | Valve Assembly |

PHS036(EF9g)

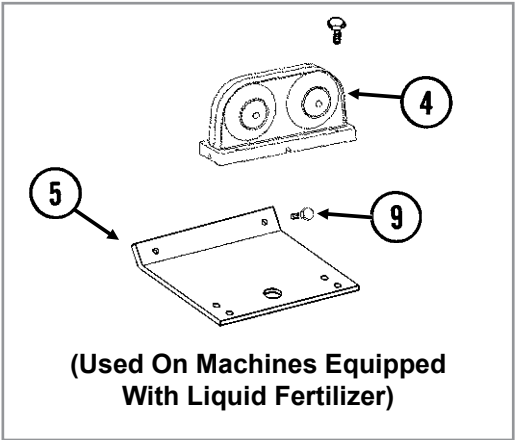
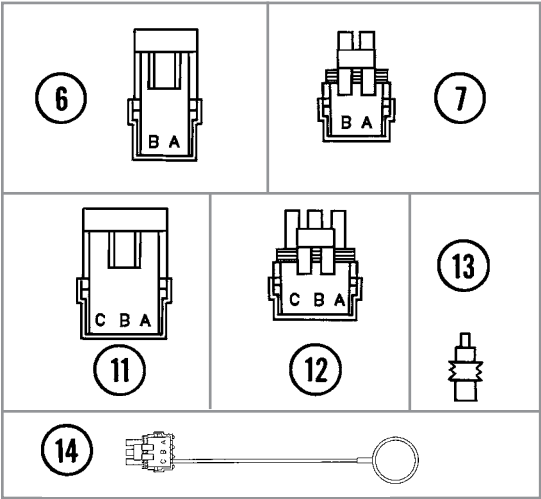
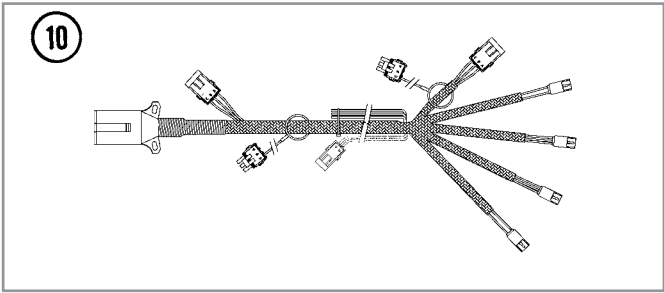
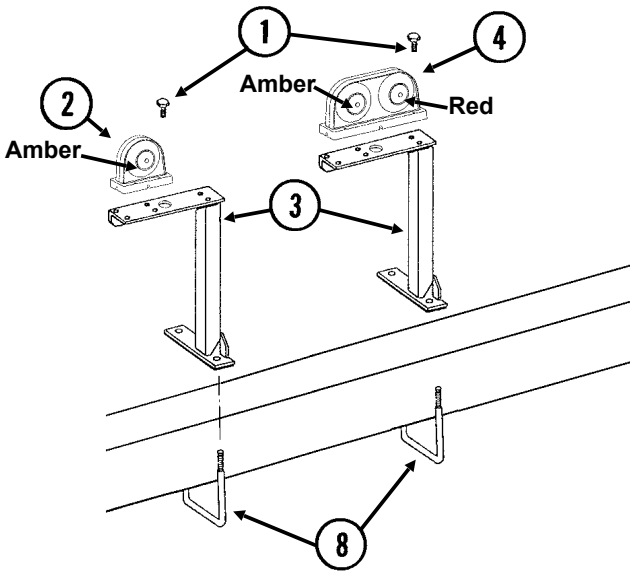


| ITEM | PART NO.              | QTY.     | DESCRIPTION                                                                                                            |
|------|-----------------------|----------|------------------------------------------------------------------------------------------------------------------------|
| 1    | *A26939-172           | 2        | Hose Assembly, 3/8" x 172" (06F-1/2M NPTF W/Ext., W/Tip)                                                               |
| 2    | ---                   | -        | <a href="#">See "Row Marker Sequencing/Flow Control Valve" on page P75</a> And <a href="#">See "Hitch" on page P43</a> |
| 3    | *A12010               | 2        | Hose Assembly, 3/8" x 259", 12 Row 30"                                                                                 |
| 4    | *A12009               | 2        | Hose Assembly, 3/8" x 244", 12 Row 30"                                                                                 |
| 5    | G6500-08              | 4        | Swivel Elbow, 90°, 3/4"-16 Male JIC To Female                                                                          |
| 6    | G6801-08<br>GR1037    | 2-4<br>- | Elbow W/O-Ring, 90°, 3/4"-16 Male JIC To O-Ring<br>O-Ring                                                              |
| 7    | ---                   | -        | <a href="#">See "Row Marker (Cushion) Cylinder" on page P73</a>                                                        |
| 8    | *A26936-173           | 2        | Hose Assembly, 3/8" x 173" (08F-1/2M NPTF W/Ext., W/Tip)                                                               |
| 9    | G10215                | 2        | Machine Bushing, 3/4", 14 Gauge                                                                                        |
| 10   | G306-08               | 2        | Lock Nut, 3/4"-16                                                                                                      |
| 11   | ---                   | -        | <a href="#">See "Slave Lift Cylinder" on page P70</a>                                                                  |
| 12   | G6400-08<br>GR1037    | 12<br>-  | Connector W/O-Ring, 3/4"-16 Male JIC To O-Ring<br>O-Ring                                                               |
| 13   | ---                   | -        | <a href="#">See "Assist Cylinder" on page P72</a>                                                                      |
| 14   | *A1000                | 4        | Hose Assembly, 3/8" x 15"                                                                                              |
| 15   | G2703-08              | 2        | Bulkhead Tee, 3/4"-16 Male JIC                                                                                         |
| 16   | ---                   | -        | <a href="#">See "Master Lift Cylinder" on page P69</a>                                                                 |
| 17   | *A3114                | 2        | Hose Assembly, 3/8" x 156", 12 Row 30"                                                                                 |
| 18   | *A1010                | 2        | Hose Assembly, 3/8" x 120", 12 Row 30"                                                                                 |
| 19   | G2603-08              | 4        | Tee, 3/4"-16 Male JIC                                                                                                  |
| 20   | *A3176                | 2        | Hose Assembly, 3/8" x 86", 12 Row 30"                                                                                  |
| 21   | *A1020                | 2        | Hose Assembly, 3/8" x 48", 12 Row 30"                                                                                  |
| 22   | *A1020                | 2        | Hose Assembly, 3/8" x 48", 12 Row 30"                                                                                  |
| 23   | G6400-08-04<br>GR1045 | 2<br>-   | Connector W/O-Ring, 3/4"-16 Male JIC To 7/16"-20 O-Ring<br>O-Ring                                                      |
| 24   | GA26924-01            | 1        | Hose Label/Cover, Red (Extend)                                                                                         |
| 25   | GA26924-03            | 1        | Hose Label/Cover, Blue (Extend)                                                                                        |
| 26   | GA26924-04            | 1        | Hose Label/Cover, Blue (Retract)                                                                                       |
| 27   | GA26924-02            | 1        | Hose Label/Cover, Red (Retract)                                                                                        |
| 28   | GD36866               | -        | Fitting, 1/2"                                                                                                          |

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

(EF64e/INS7e/ELC9/MTR27a/A9206a/ EF64f)

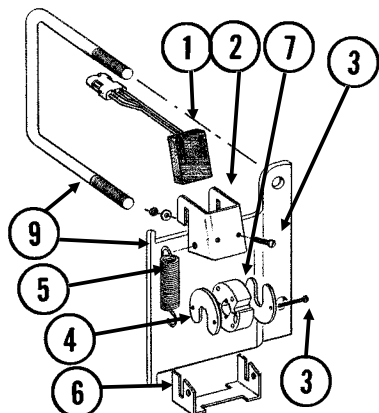
12 Row 30"



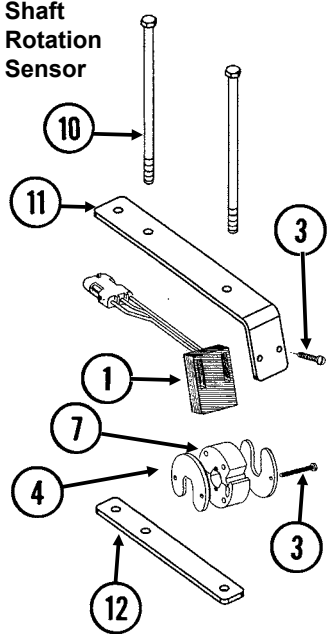
| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                                          |
|------|-----------|------|------------------------------------------------------------------------------------------------------|
| 1    | G10064    | 8    | Hex Head Cap Screw, 1/4"-20 x 1"                                                                     |
|      | G11385    | 8    | Flat Washer, 1/4" SAE                                                                                |
|      | G10110    | 8    | Lock Nut, 1/4"-20, Grade B                                                                           |
| 2    | G10842501 | 2    | Single Amber Light Assembly                                                                          |
| 3    | GA6824    | -    | Bracket, R.H.                                                                                        |
|      | GA6823    | 1    | Bracket, L.H. (Shown)                                                                                |
| 4    | G10842301 | 1    | Double Light Assembly                                                                                |
|      | G10842401 | 1    | Double Light Assembly (Shown)                                                                        |
| 5    | GA9209    | 2    | Light Bracket                                                                                        |
| 6    | G1K321    | -    | 2-Pin Female Connector Kit (Black), Includes: (3) 2-Pin Female Housings, (6) Pin Contacts, (6) Seals |
| 7    | G1K320    | -    | 2-Pin Male Connector Kit (Black), Includes: (3) 2-Pin Male Housings, (6) Socket Contacts, (6) Seals  |
| 8    | GD7145    | 2-4  | U-Bolt, 7" x 7" x 1/2"-13                                                                            |
|      | G10228    | 4-8  | Lock Washer, 1/2"                                                                                    |
|      | G10102    | 4-8  | Hex Nut, 1/2"-13                                                                                     |
| 9    | G11385    | 4    | Flat Washer, 1/4" SAE                                                                                |
|      | G10110    | 4    | Lock Nut, 1/4"-20, Grade B                                                                           |
|      | G10023    | 4    | Hex Head Cap Screw, 1/4"-20 x 3/4"                                                                   |
| 10   | GA9207    | -    | Wiring Harness W/7 Terminal Female Connector, 329" (4 Light Connections)                             |
|      | GA5385    | -    | 7 Terminal Female Connector (Included W/GA9207)                                                      |
| 11   | G1K248    | -    | 3-Pin Female Connector Kit (Black), Includes: (3) 3-Pin Female Housings, (9) Pin Contacts, (9) Seals |
| 12   | G1K252    | -    | 3-Pin Male Connector Kit (Black), Includes: (3) 3-Pin Male Housings, (9) Socket Contacts, (9) Seals  |
| 13   | GD11089   | -    | Sealing Plug                                                                                         |
| 14   | GA8047    | -    | Dust Plug (Black)                                                                                    |

(MTR54b)

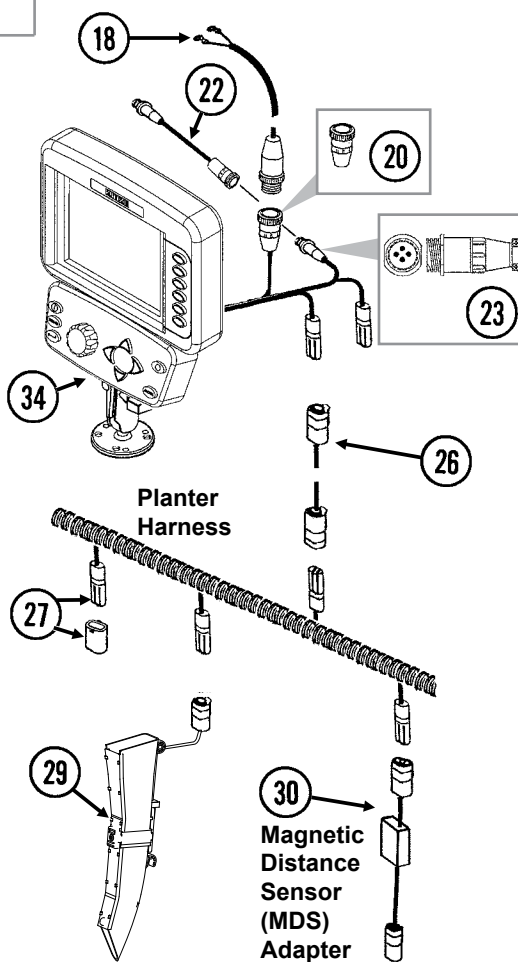
## Shaft Rotation Sensor



## Shaft Rotation Sensor



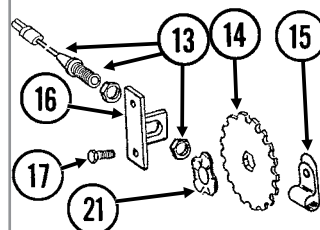
## Power Lead Adapter



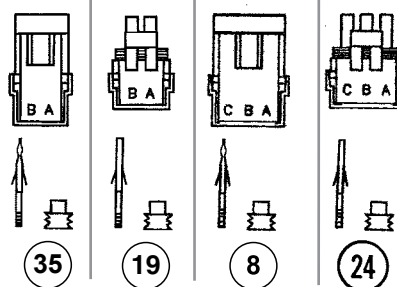
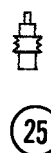
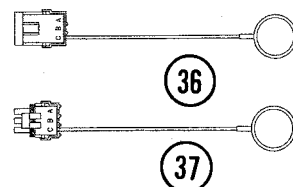
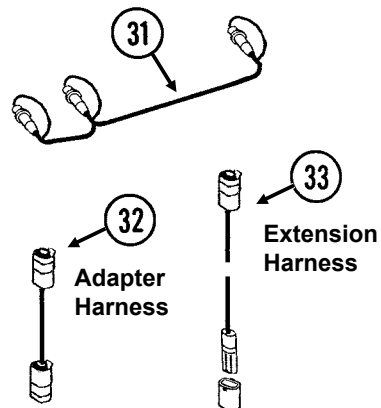
## Planter Harness

## Magnetic Distance Sensor (MDS) Adapter

## Magnetic Distance Sensor (MDS)



## Radar Y-Cable

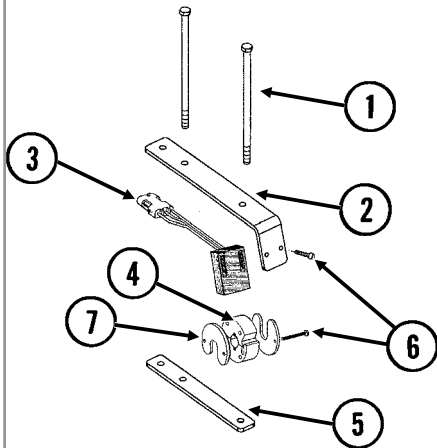
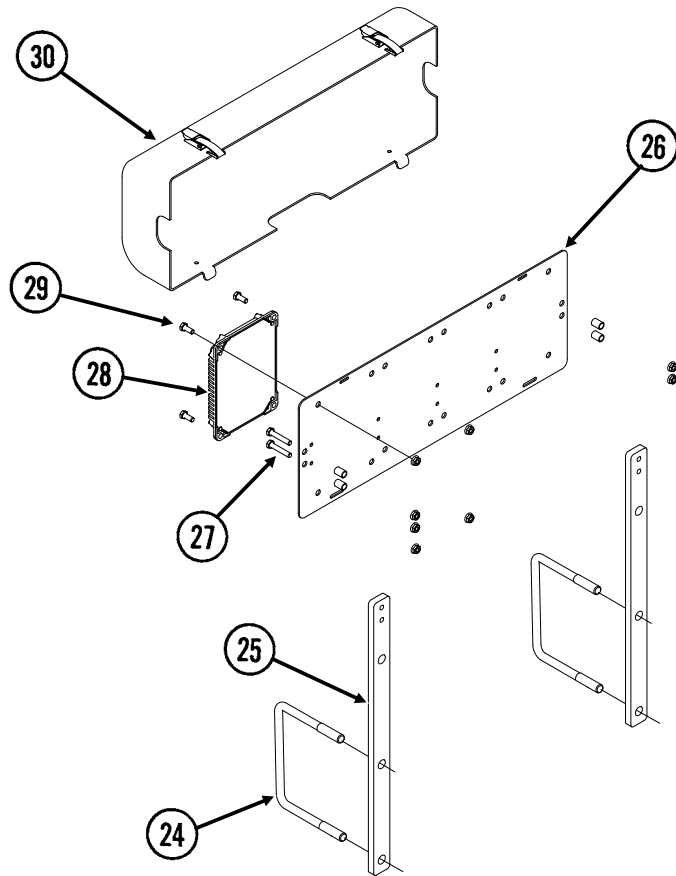
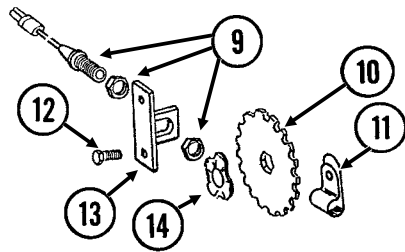
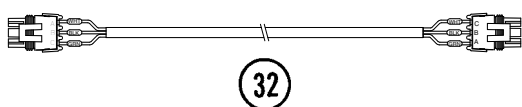
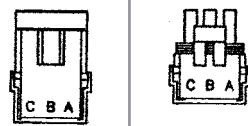
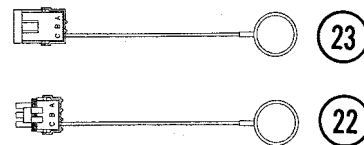
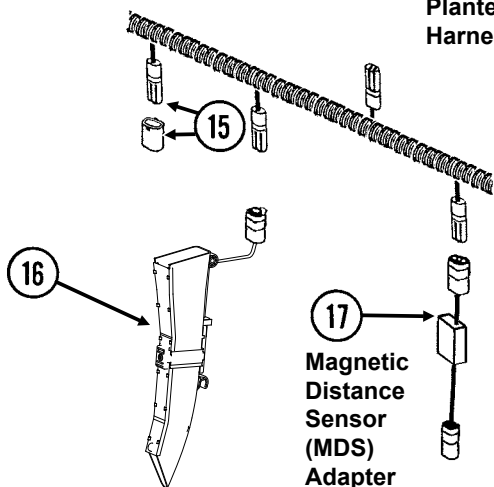


| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                                                                                 |
|------|-----------|------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | GR1415    | 1    | Rotation Sensor                                                                                                                             |
| 2    | GD11169   | 1    | Mount                                                                                                                                       |
| 3    | G11960    | 8    | Phillips Pan Head Machine Screw, No. 8-32 x 1½", Staninless Steel                                                                           |
|      | G11961    | 4    | Flat Washer, No. 8                                                                                                                          |
|      | G11202    | 8    | Lock Nut W/Nylon Insert, No. 8-32, Stainless Steel                                                                                          |
| 4    | GD11474   | 2    | Cover                                                                                                                                       |
| 5    | GD5857    | 2    | Spring                                                                                                                                      |
| 6    | GD11170   | 1    | Spring Mount                                                                                                                                |
| 7    | GR1414    | 1    | Actuator                                                                                                                                    |
| 8    | G1K248    | -    | 3-Pin Female Connector Kit (Black), Includes: (3) 3-Pin Female Housings, (9) Pin Contacts, (9) Seals                                        |
|      | G1K362    | -    | 3-Pin Female Connector Kit (Blue), Includes: (3) 3-Pin Female Housings, (9) Pin Contacts, (9) Seals                                         |
| 9    | G1K364    | -    | Rotation Sensor Mount Kit, Includes: (2) Mounts, (2) GD11721 5" x 7" U-Bolts, (4) G10228 Lock Washers, (4) G10102 Hex Nuts, (1) Instruction |
| 10   | G10229401 | 4    | Hex Head Cap Screw, ⅜"-16 x 8½", Grade 5                                                                                                    |
|      | G11387    | 4    | Flat Washer, ⅜"                                                                                                                             |
|      | G10108    | 4    | Lock Nut, ⅜"-16                                                                                                                             |
| 11   | GD18118   | 2    | Shaft Sensor Mount                                                                                                                          |
| 12   | GD18168   | 2    | Mount                                                                                                                                       |
| 13   | GA5600    | 1    | Magnetic Distance Sensor                                                                                                                    |
| 14   | GD8751    | -    | Magnetic Distance Sensor Pulse Wheel                                                                                                        |
| 15   | GD13348   | -    | Insulated Clamp, 1⅛"                                                                                                                        |
| 16   | GD8770    | 1    | Bracket                                                                                                                                     |
| 17   | G11124    | 2    | Hex Serrated Flange Cap Screw, ⅜"-16 x 1", Grade 5                                                                                          |
|      | G10229    | 2    | Lock Washer, ⅜"                                                                                                                             |
|      | G10101    | 2    | Hex Nut, ⅜"-16                                                                                                                              |
| 18   | GA17547   | 1    | Power Lead Adapter                                                                                                                          |
| 19   | G1K320    | -    | 2-Pin Male Connector Kit (Black), Includes: (3) 2-Pin Male Housings, (6) Socket Contacts, (6) Seals                                         |
| 20   | G1K268    | -    | Console Cable Connector Kit, Includes: (1) 3-Pin Connector, (1) Cable Clamp, (1) Lock Ring, (3) Female Terminal Pins                        |
| 21   | GD8771    | 1    | Spring Wave Washer                                                                                                                          |
| 22   | GA9144    | -    | Monitor/Radar Adapter Cable, 10"                                                                                                            |
| 23   | G1K322    | -    | 4-Pin Connector Kit W/Male Housing, (4) Female Socket Contacts And (1) Cable Clamp                                                          |
| 24   | G1K252    | -    | 3-Pin Male Connector Kit (Black), Includes: (3) 3-Pin Male Housings, (9) Socket Contacts, (9) Seals                                         |
|      | G1K825    | -    | 3-Pin Male Connector Kit (Black), Includes: (3) 3-Pin Male Housings, (9) Socket Contacts, (9) Seals                                         |
| 25   | GD11089   | -    | Sealing Plug                                                                                                                                |
| 26   | ---       | -    | Included In Light Wiring Harness. See Item 10 On <a href="#">page P80</a>                                                                   |
| 27   | GA13980   | 1    | Planter Harness W/Dust Caps, 12 Row (16 Connectors)                                                                                         |
|      | GB1090    | -    | Dust Cap (Included W/GA7851)                                                                                                                |
| 28   | ---       | ---  | ---                                                                                                                                         |
| 29   | G10745401 | -    | Seed Tube W/Computerized Sensor                                                                                                             |
|      | GA20902   | -    | Seed Tube (With Holes For Sensor Installation) (Included W/GA21515)                                                                         |
| 30   | GA7859    | 1    | Magnetic Distance Sensor Adapter (Analog To Digital)                                                                                        |
| 31   | GR0586    | 1    | Radar Y-Cable (Used To Connect Radar Distance Sensor For Multiple Functions)                                                                |
| 32   | GA7857    | -    | Adapter Harness, 1'                                                                                                                         |
| 33   | GA7854    | -    | Extension Harness W/Dust Cap, 15'                                                                                                           |
|      | GA7855    | -    | Extension Harness W/Dust Cap, 30'                                                                                                           |
|      | GB1090    | -    | Dust Cap (Included W/GA7854 and GA7855)                                                                                                     |

| ITEM | PART NO. | QTY. | DESCRIPTION                                                                                                                                                                                                         |
|------|----------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 34   | G8647x   | 1    | KPM III Backlit Console W/Brush (Item 28), Dust Plug (Item 36), Mounting Bracket Assembly, Console Mounting Bracket Hardware And Power Harness                                                                      |
|      | GA12403  | -    | Mounting Bracket Assembly, Includes: (2) Mounting Brackets, (2) Connector Halves, (1) Compression Spring, (1) Tension Knob, (1) 1/4"-20 x 1 3/4" Hex Head Cap Screw, (1) 1/4" Plastic Washer, (1) 1/4" Steel Washer |
|      | GR1762   | -    | Console Mounting Bracket Hardware Package, Includes: (3) No. 10-32 x 5/8" Hex Socket Pan Head Plated Screws, (3) No. 10 Plated Lock Washers (Included W/G8647X)                                                     |
|      | GA16082  | -    | Power Harness (Included W/G8647X)                                                                                                                                                                                   |
| 35   | G1K321   | -    | 2-Pin Female Connector Kit (Black), Includes: (3) 2-Pin Female Housings, (6) Pin Contacts, (6) Seals                                                                                                                |
| 36   | GA8046   | -    | Dust Plug (Black)                                                                                                                                                                                                   |
|      | GA9978   | -    | Dust Plug (Blue)                                                                                                                                                                                                    |
| 37   | GA8047   | -    | Dust Plug (Black)                                                                                                                                                                                                   |
|      | GA9979   | -    | Dust Plug (Blue)                                                                                                                                                                                                    |
| A    | GA6147   | -    | Magnetic Distance Sensor And Mounting Package (Items 13-17 And 21)                                                                                                                                                  |
| B    | GR1763   | -    | KPM III Loaner Display Only                                                                                                                                                                                         |
| C    | GA13521  | -    | Shaft Sensor Mounting (Items 3, 4, 8, and 41-43)                                                                                                                                                                    |

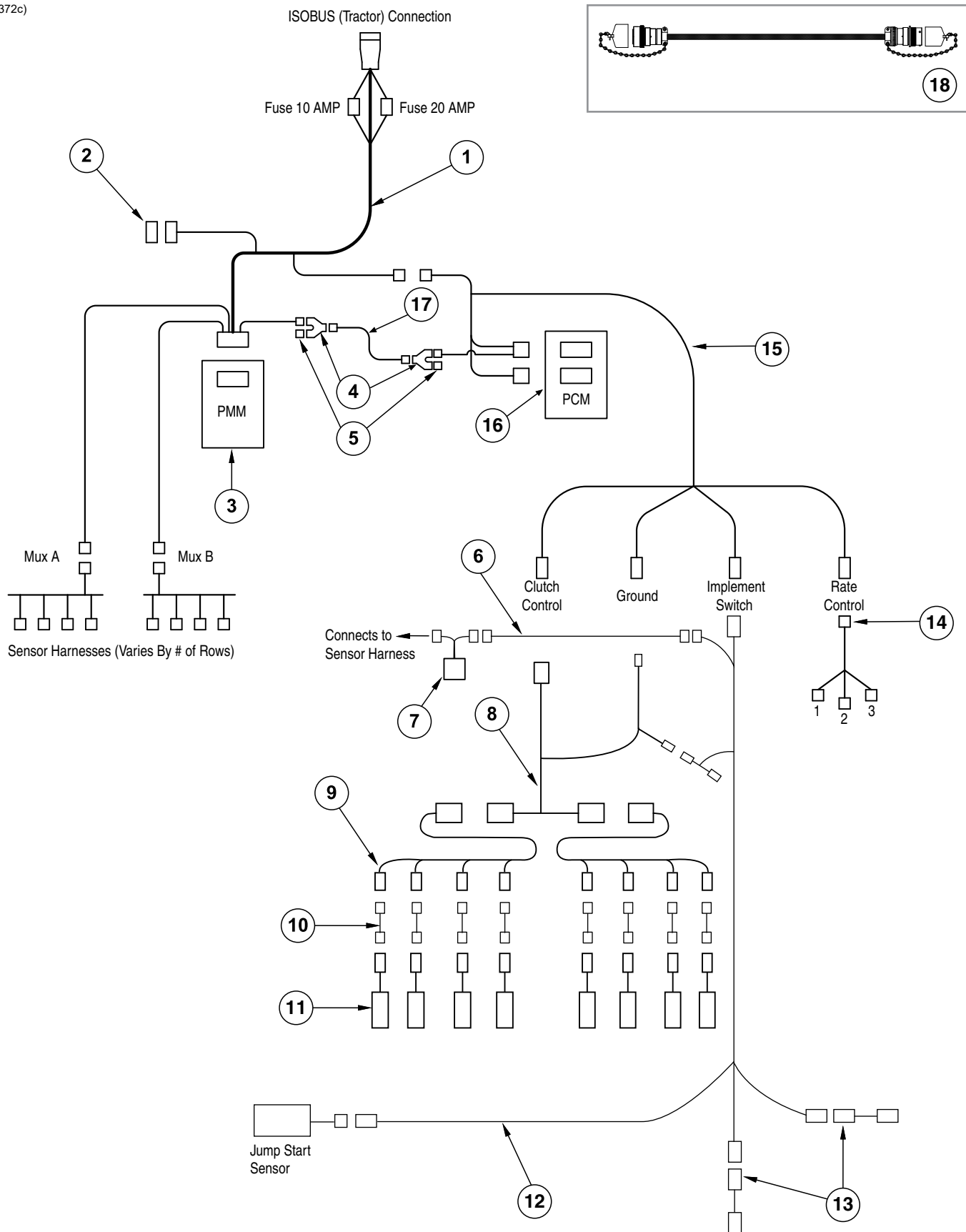
**This page left blank intentionally.**

(MTR60/MTR63/PMM01/MTR65/MTR61/MTR64/MTR62/PMM02)

**Shaft Rotation Sensor****Magnetic Distance Sensor (MDS)****Planter Harness**

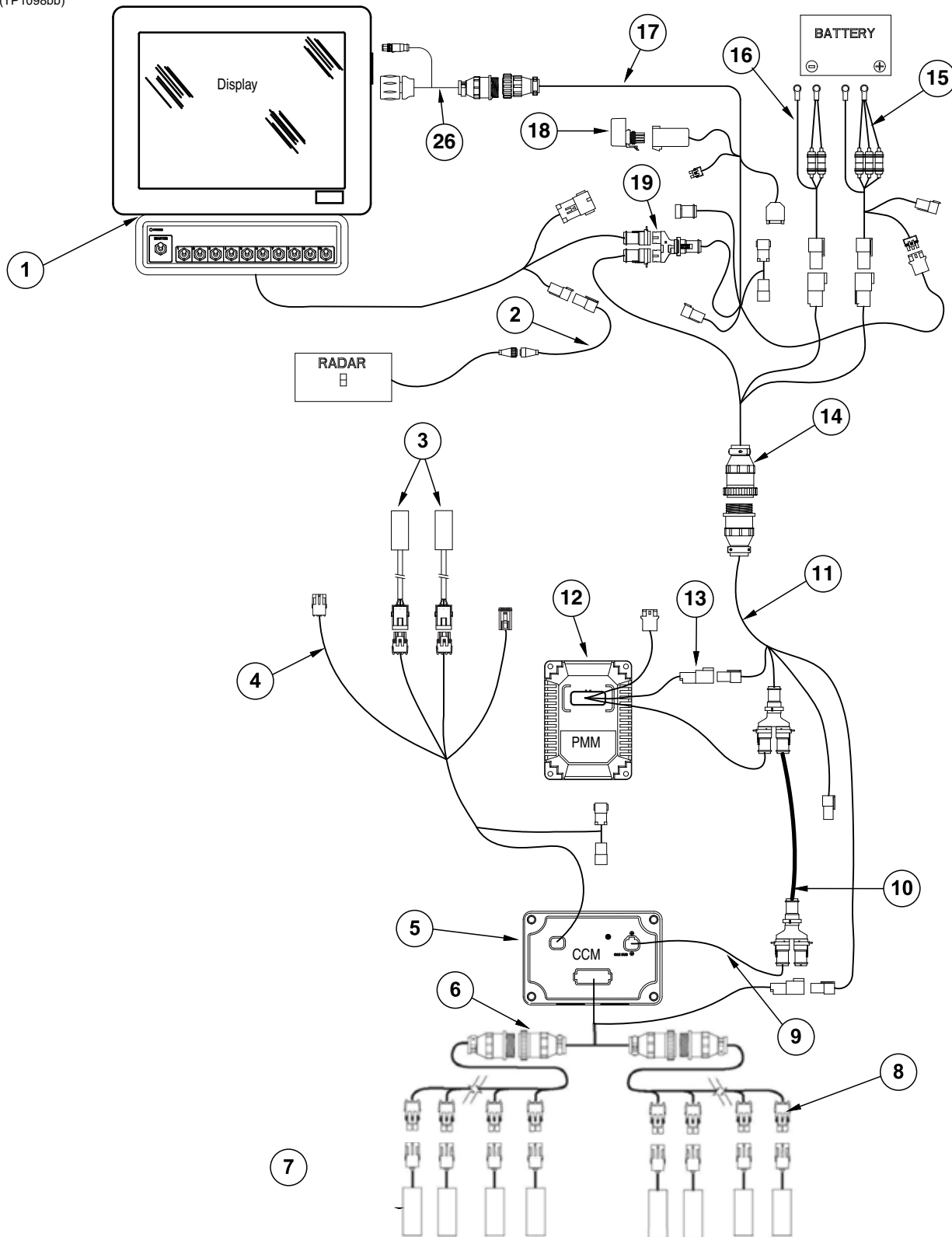
| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                                                                             |
|------|-----------|------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 1    | G10229401 | 4    | Hex Head Cap Screw, 3/8"-16 x 8 1/2", Grade 5                                                                                           |
|      | G11387    | 4    | Flat Washer, 3/8" SAE                                                                                                                   |
|      | G10108    | 4    | Lock Nut, 3/8"-16                                                                                                                       |
| 2    | GD18118   | 2    | Shaft Sensor Mount                                                                                                                      |
| 3    | GR1415    | 1    | Rotation Sensor                                                                                                                         |
| 4    | GR1414    | 1    | Actuator                                                                                                                                |
| 5    | GD18168   | 2    | Mount                                                                                                                                   |
| 6    | G11960    | 8    | Phillips Pan Head Machine Screw, No. 8-32 x 1 1/2", Stainless Steel                                                                     |
|      | G11202    | 4    | Nyloc Nut, No. 8-32                                                                                                                     |
|      | G11961    | 8    | Flat Washer, No. 8                                                                                                                      |
| 7    | GD11474   | 2    | Cover                                                                                                                                   |
| 8    | G10927    | 2    | Pan Head Machine Screw, No. 8-32 x 1 1/4", Stainless Steel                                                                              |
|      | G10931    | 2    | Lock Washer, No. 8, Internal/External, Stainless Steel                                                                                  |
|      | G10928    | 2    | Hex Nut, No. 8-32, Stainless Steel                                                                                                      |
| 9    | GA5600    | 1    | Magnetic Distance Sensor                                                                                                                |
| 10   | GD8751    | -    | Magnetic Distance Sensor Pulse Wheel                                                                                                    |
| 11   | GD6291    | -    | Insulated Clamp, 3/8"                                                                                                                   |
| 12   | G10001    | 2    | Hex Head Cap Screw, 3/8"-16 x 1"                                                                                                        |
|      | G10229    | 2    | Lock Washer, 3/8"                                                                                                                       |
|      | G10101    | 2    | Hex Nut, 3/8"-16                                                                                                                        |
| 13   | GD8770    | 1    | Bracket                                                                                                                                 |
| 14   | GD8771    | 1    | Spring Wave Washer                                                                                                                      |
| 15   | GA8050    | -    | Planter Harness W/Dust Caps, 16 Row (20 Connectors)                                                                                     |
|      | GB1090    | -    | Dust Cap (Included W/GA7852)                                                                                                            |
| 16   | GA21515   | -    | Seed Tube W/Computerized Sensor                                                                                                         |
|      | GA20902   | -    | Seed Tube (Included W/GA21515)                                                                                                          |
| 17   | GA7859    | -    | Magnetic Distance Sensor Adapter (Analog To Digital)                                                                                    |
| 18   | G1K248    | -    | 3-Pin Female Connector Kit (Black), Includes: (3) 3-Pin Female Housings, (9) Pin Contacts, (9) Seals                                    |
|      | G1K362    | -    | 3-Pin Female Connector Kit (Blue), Includes: (3) 3-Pin Female Housings, (9) Pin Contacts, (9) Seals                                     |
| 19   | G1K252    | -    | 3-Pin Male Connector Kit (Black), Includes: (3) 3-Pin Male Housings, (9) Socket Contacts, (9) Seals                                     |
|      | G1K825    | -    | 3-Pin Male Connector Kit (Black), Includes: (3) 3-Pin Male Housings, (9) Socket Contacts, (9) Seals                                     |
| 20   | GD11089   | -    | Sealing Plug                                                                                                                            |
| 21   | GR0594    | -    | Brush                                                                                                                                   |
| 22   | GA8047    | -    | Dust Plug (Black)                                                                                                                       |
|      | GA9979    | -    | Dust Plug (Blue)                                                                                                                        |
| 23   | GA8046    | -    | Dust Plug (Black)                                                                                                                       |
|      | GA9978    | -    | Dust Plug (Blue)                                                                                                                        |
| 24   | GD16598   | 2    | U-Bolt, 4" x 7" x 5/8"-11                                                                                                               |
|      | G11415    | 4    | Serrated Flange Nut, 5/8"-11                                                                                                            |
| 25   | GD19759   | 2    | Module Bracket Mount                                                                                                                    |
| 26   | GD18013   | 1    | Bracket                                                                                                                                 |
| 27   | G10171    | 4    | Hex Head Cap Screw, 5/16"-18 x 1 1/4"                                                                                                   |
|      | G10620    | 4    | Serrated Flange Nut, 5/16"-18                                                                                                           |
| 28   | ---       | -    | <a href="#">See "Ag Leader Electric Clutch Package" on page P89</a><br><a href="#">See "ISOBUS Electric Clutch Package" on page P87</a> |
| 29   | G10019    | 2    | Hex Head Cap Screw, 5/16"-18 x 1"                                                                                                       |
|      | G10620    | 2    | Serrated Flange Nut, 5/16"-18                                                                                                           |
| 30   | GA12563   | 1    |                                                                                                                                         |
| 31   | GA7854    | 1    | Extension Harness W/Dust Cap, 15'                                                                                                       |
|      | GB1090    | -    | Dust Cap                                                                                                                                |
| 32   | GA16923   | -    | Dickey John Adapter Cable                                                                                                               |
| A    | GA6147    | -    | Magnetic Distance Sensor And Mounting Package (Items 9-14)                                                                              |

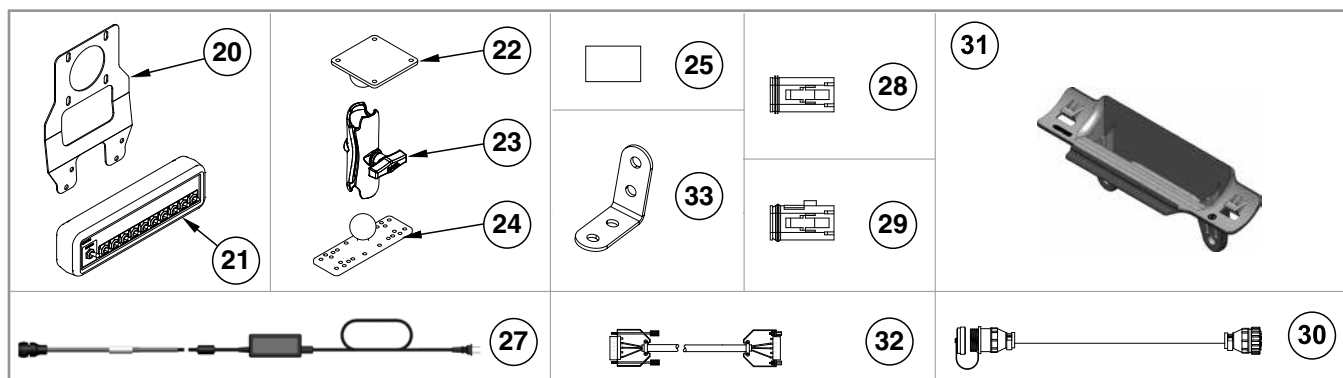
(IP1372c)



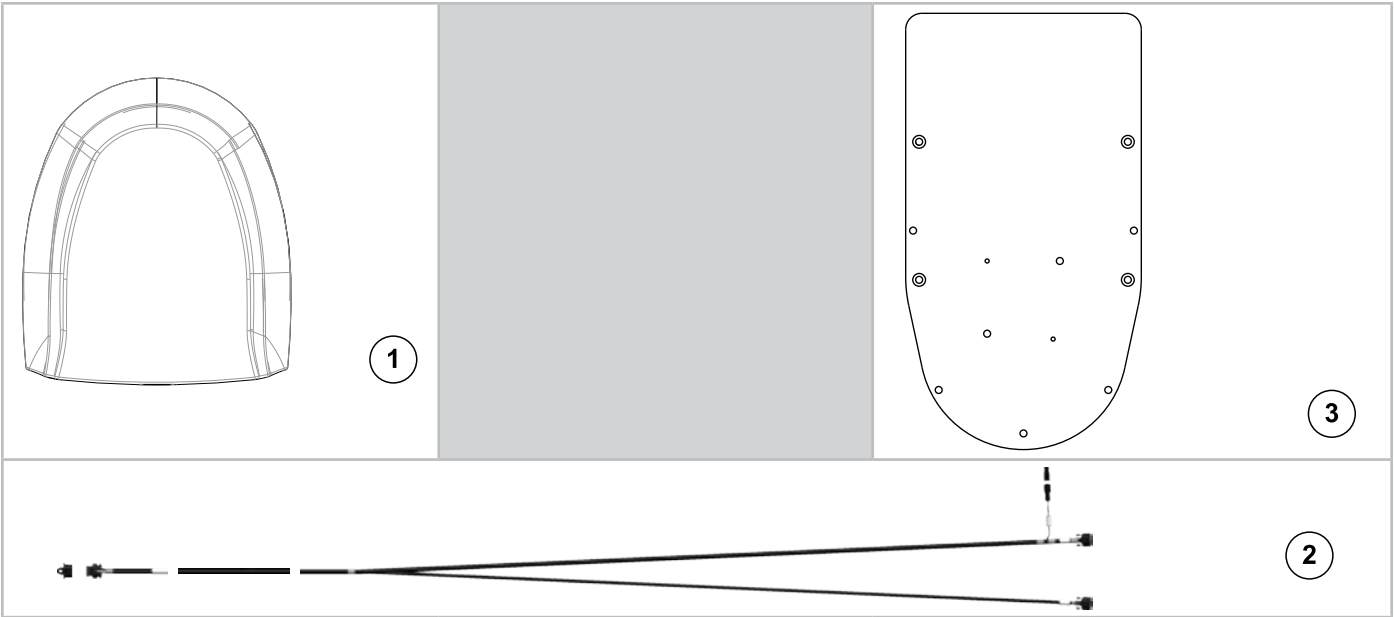
| ITEM | PART NO. | QTY. | DESCRIPTION                                                                                                     |
|------|----------|------|-----------------------------------------------------------------------------------------------------------------|
| 1    | GA16348  | 1    | ISOBUS Implement Cable, 168"                                                                                    |
| 2    | GD22968  | 1    | Terminatin Bias Circuit                                                                                         |
| 3    | GA15290  | 1    | ISOBUS Planter Monitor Module                                                                                   |
| 4    | GD22975  | 1    | Y-Splitter, 2-Way                                                                                               |
| 5    | GD22974  | 1    | Terminating Resistor, 2-Way DTM                                                                                 |
| 6    | GA16343  | 1    | Jump Start Cable                                                                                                |
| 7    | GA12812  | 1    | Hall Effect Adapter                                                                                             |
| 8    | GA16382  | 1    | Section Adapter Cable, 12 Row (2 Row)                                                                           |
| 9    | GA17009  | 2    | Clutch Cable, 12 Row                                                                                            |
| 10   | GA17200  | -    | Adapter Clutch HS Driver Cable                                                                                  |
| 11   | GA16374  | -    | <a href="#">See "Ag Leader Electric Clutch Package" on page P89</a>                                             |
| 12   | GA16826  | -    | Implement Switch Extension Cable                                                                                |
| 13   | ---      | -    | <a href="#">See "Parallel Arms, Mounting Support Plate, and Quick Adjustable Down Force Springs" on page P5</a> |
| 14   | GA15884  | 1    | Rate Control Cable                                                                                              |
| 15   | GA15882  | 1    | Product Control Module Cable                                                                                    |
| 16   | GA15288  | 1    | Product Control Module                                                                                          |
| 17   | GA15883  | 1    | CAN Jumper Cable                                                                                                |
| 18   | GA16350  | -    | ISOBUS Extension Cable                                                                                          |

(TP1098bb)



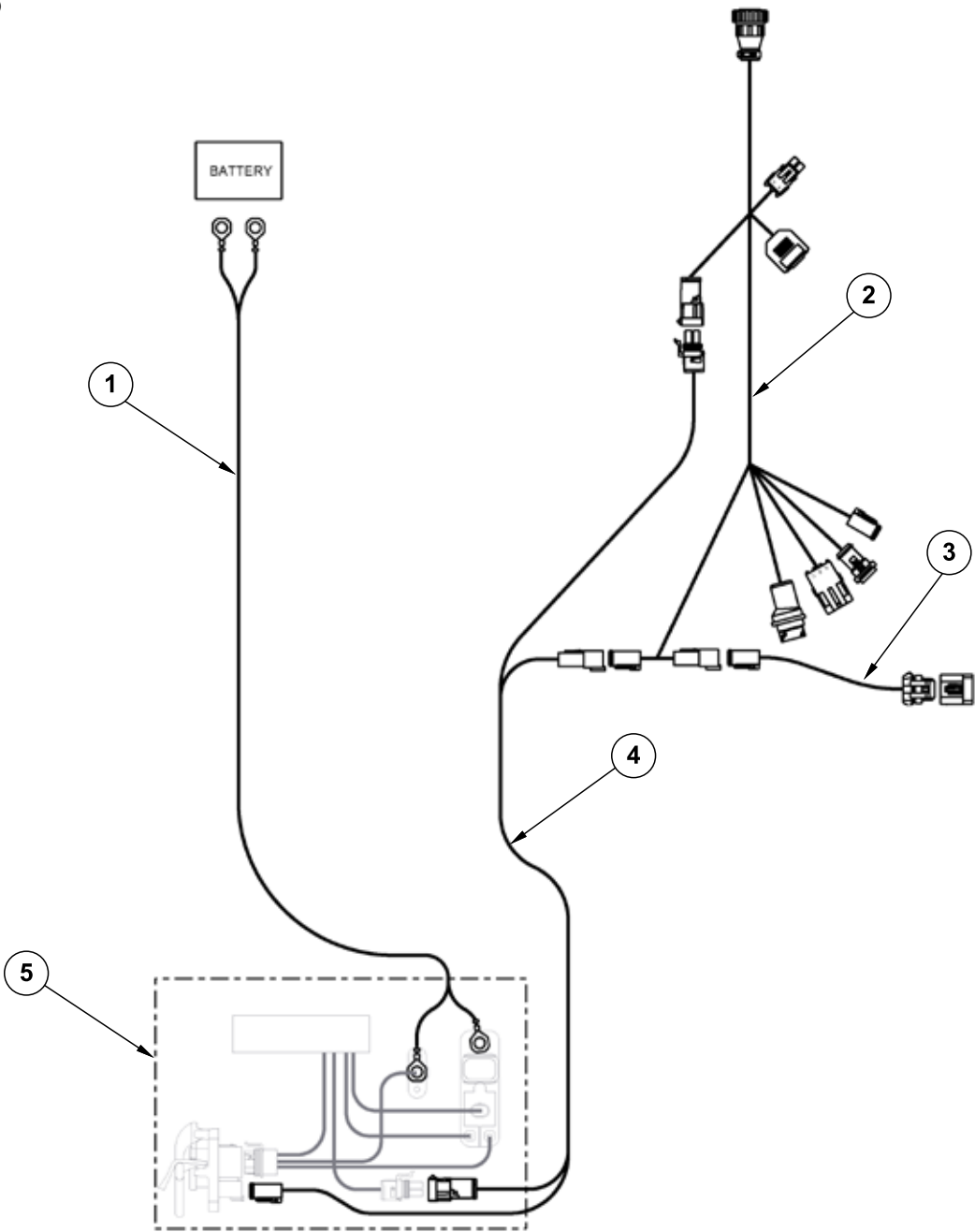


| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                                                     |
|------|-----------|------|-----------------------------------------------------------------------------------------------------------------|
| 1    | GA24887   | 1    | InCommand 1200 Display                                                                                          |
|      | G11126001 | 1    | InCommand Go Display                                                                                            |
| 2    | GA12596   | 1    | Radar Adapter Cable                                                                                             |
| 3    | ---       | ---  | <a href="#">See "Parallel Arms, Mounting Support Plate, and Quick Adjustable Down Force Springs" on page P5</a> |
| 4    | GA16826   | 1    | Implement Switch Extension Cable                                                                                |
| 5    | GA12537   | 1    | Clutch Control Module                                                                                           |
| 6    | GA16382   | 1    | Section Adapter Cable, 12 Row (2 Row)                                                                           |
| 7    | GA16374   | 1    | <a href="#">See "Ag Leader Electric Clutch" on page P7</a>                                                      |
| 8    | GA17009   | 2    | Clutch Cable, 12 Row                                                                                            |
| 9    | GA12558   | 1    | Can Stub Cable, 8"                                                                                              |
| 10   | GA12559   | 1    | Can Extension Cable, 5"                                                                                         |
| 11   | GA16349   | 1    | Implement Cable, 168"                                                                                           |
| 12   | GA16351   | 1    | Ag Leader Planter Monitor Module                                                                                |
| 13   | GA16352   | 1    | PMM Cable                                                                                                       |
| 14   | GA14450   | 1    | CAN Adapter Cable                                                                                               |
| 15   | GA14452   | 1    | Power Cable, InCommand 1200 (2021-2025 Production)                                                              |
|      | G11126701 | 1    | Power Cable, InCommand Go (2026 Production and On)                                                              |
| 16   | GA12598   | 1    | Seed Rate Power Cable, InCommand 1200 (2021-2025 Production)                                                    |
|      | G11126801 | 1    | Seed Rate Power Cable, InCommand Go (2026 Production and On)                                                    |
| 17   | G10428901 | 1    | InCommand 1200 Display Cable (2021-2025 Production)                                                             |
|      | G11126901 | 1    | InCommand Go Display Cable (2026 Production and On)                                                             |
| 18   | GA12540   | 1    | Power Control Relay                                                                                             |
| 19   | GD18176   | 1    | Y-Splice Connector                                                                                              |
| 20   | GR2279    | 1    | Switch Box Bracket                                                                                              |
|      | G12103    | 4    | Lock Washer, M6                                                                                                 |
|      | G12212-08 | 4    | Phillips Pan Head Machine Screw, M6 x 1.0, Grade 2                                                              |
| 21   | GA12539   | 1    | Switch Box Module, InCommand 1200 (2021-2025 Production)                                                        |
|      | G11125501 | 1    | Switch Box Console, InCommand Go (2026 Production and On)                                                       |
| 22   | GD18408   | 1    | Ram Vesa Base                                                                                                   |
| 23   | GA12868   | 1    | Mounting Bracket Assembly                                                                                       |
| 24   | GD18407   | 1    | Ram Base                                                                                                        |
| 25   | GA14449   | 1    | Flash Drive                                                                                                     |
| 26   | GA24652   | 1    | InCommand to Legacy Adapter                                                                                     |
| 27   | GA24649   | 1    | Power Supply (InCommand)                                                                                        |
| 28   | GR1838    | 1    | Dust Plug                                                                                                       |
| 29   | GR1839    | 1    | Dust Plug                                                                                                       |
| 30   | GA13562   | 1    | Cable Extension, 180"                                                                                           |
| 31   | G11125201 |      | Switchbox Quick Attach Bracket, InCommand Go                                                                    |
| 32   | GA12853   | 1    | Null Modem Cable                                                                                                |
| 33   | G11125001 | -    | Switch Box Angle Bracket, InCommand Go                                                                          |



| ITEM | PART NO.  | QTY. | DESCRIPTION           |
|------|-----------|------|-----------------------|
| 1    | G10254901 | 1    | GPS Receiver          |
| 2    | G11268201 | 1    | GPS Dual Port Harness |
| 3    | G10254801 | 1    | GPS Mount Bracket     |

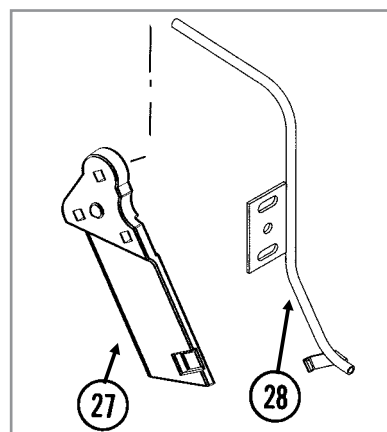
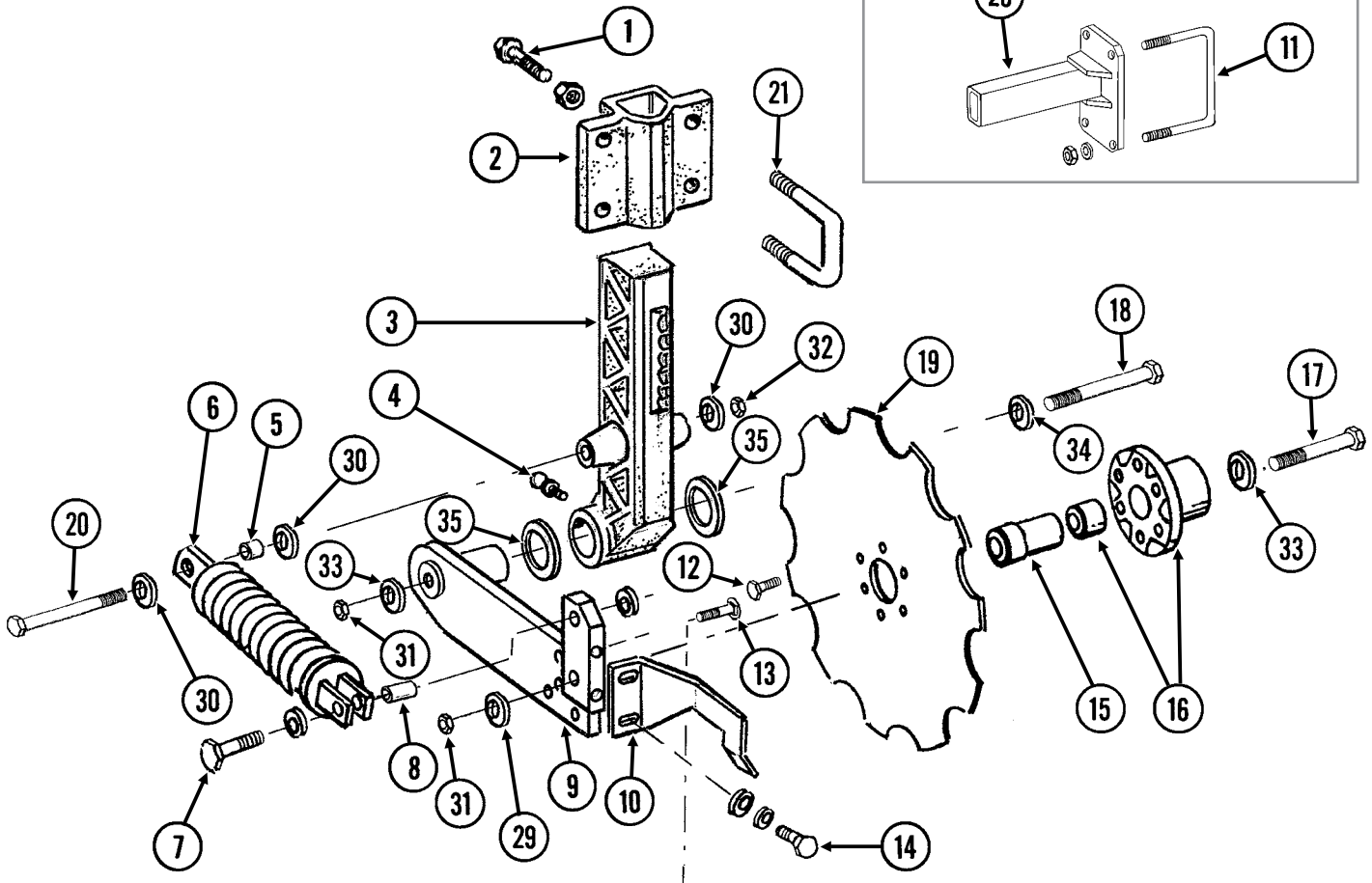
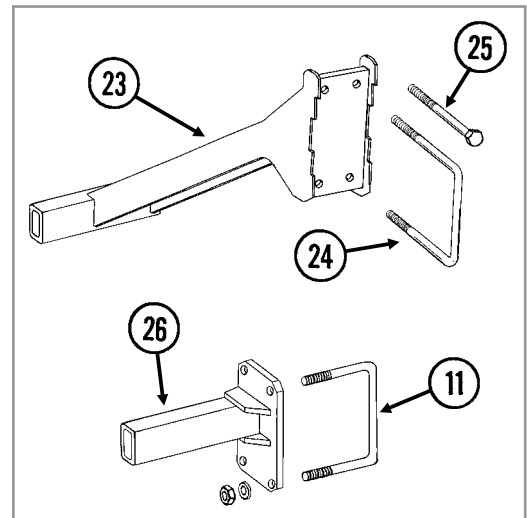
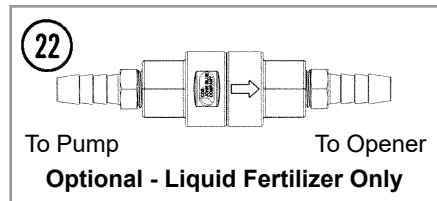
(TP1106)



| ITEM | PART NO. | QTY. | DESCRIPTION                                                                                                                             |
|------|----------|------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 1    | GA16834  | 1    | Battery Cable                                                                                                                           |
| 2    | GA16374  | -    | <a href="#">See "ISOBUS Electric Clutch Package" on page P87</a><br><a href="#">See "Ag Leader Electric Clutch Package" on page P89</a> |
| 3    | GA16355  | 1    | Terminator Cable                                                                                                                        |
| 4    | GA16832  | 1    | ISO Integra Extension Cable                                                                                                             |
| 5    | GA16833  | 1    | ISO Connector                                                                                                                           |

(FRTZ208/EF71/FRTZ209zzzz)

**NOTE: R.H. and L.H. is determined by which side of blade it is on in the direction of travel.**



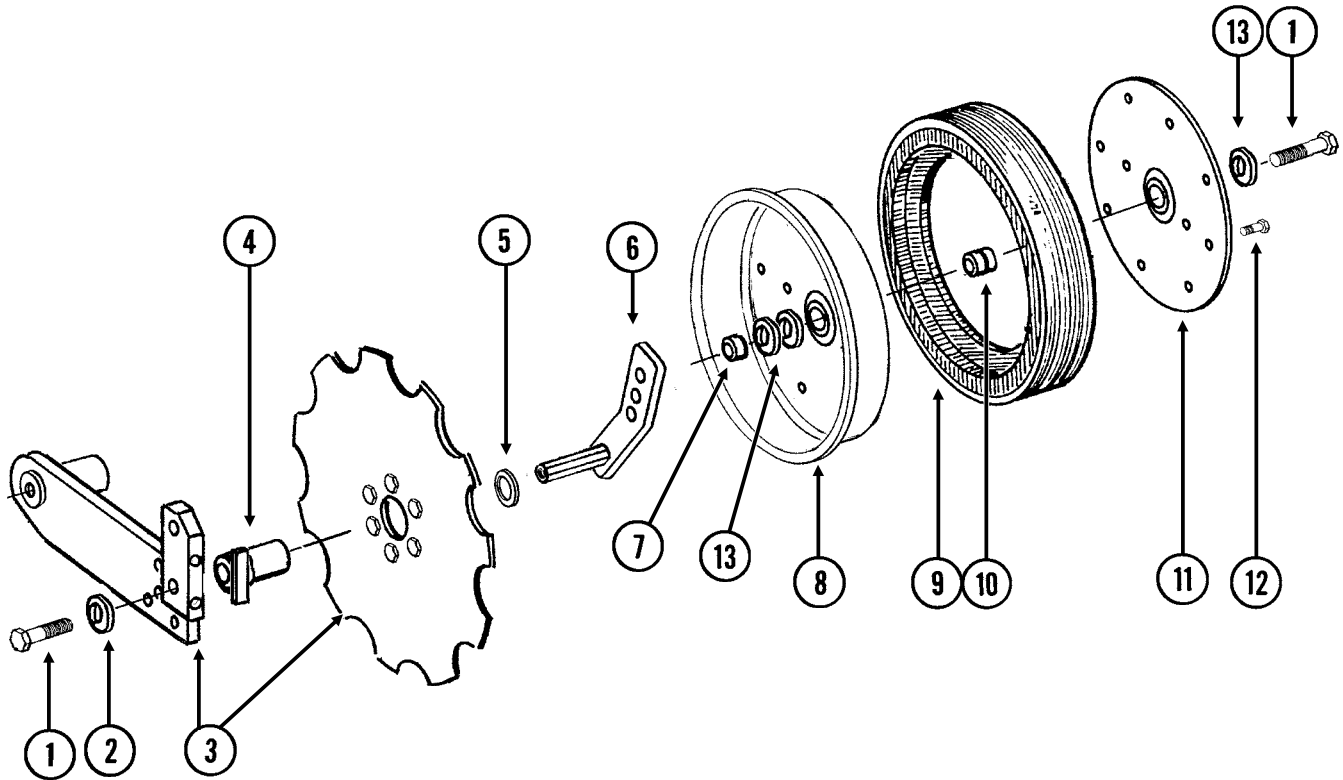
| ITEM | PART NO. | QTY.<br>(Per Assy.) | DESCRIPTION                            |
|------|----------|---------------------|----------------------------------------|
| 1    | G10017   | 3                   | Hex Head Cap Screw, 1/2"-13 x 1 1/2"   |
|      | G10102   | 3                   | Hex Nut, 1/2"-13                       |
| 2    | GB0405   | 1                   | Mount, L.H. (Shown)                    |
|      | GB0400   | -                   | Mount, R.H.                            |
| 3    | GB0296   | 1                   | Arm, 13 1/2"                           |
| 4    | G10640   | 1                   | Grease Fitting, 1/4"-28                |
| 5    | GD12685  | 1                   | Bushing, 3/4" O.D. x 1/2" Long         |
| 6    | GA6966   | 1                   | Compression Spring Assembly            |
| 7    | G10047   | 1                   | Hex Head Cap Screw, 3/8"-16 x 1 3/4"   |
|      | G11387   | 2                   | Flat Washer, 3/8" SAE                  |
|      | G10108   | 1                   | Lock Nut, 3/8"-16                      |
| 8    | GD1026   | 1                   | Sleeve, 1 3/16" Long                   |
| 9    | GA9433   | 1                   | Pivot Arm, L.H.                        |
|      | GA9434   | -                   | Pivot Arm, R.H. (Shown)                |
| 10   | GD11557  | 1                   | Scraper, L.H.                          |
|      | GD11558  | -                   | Scraper, R.H. (Shown)                  |
| 11   | GD11132  | -                   | U-Bolt, 4" x 7" x 1/2"-13              |
|      | G10228   | -                   | Lock Washer, 1/2"                      |
|      | G10102   | -                   | Hex Nut, 1/2"-13                       |
| 12   | G10002   | 6                   | Hex Head Cap Screw, 3/8"-16 x 3/4"     |
| 13   | G10306   | 3                   | Carriage Bolt, 3/8"-16 x 2"            |
|      | G10108   | 3                   | Lock Nut, 3/8"-16                      |
| 14   | G10991   | 2                   | Hex Head Cap Screw, 5/16"-18 x 7/8"    |
|      | G10232   | 2                   | Lock Washer, 5/16"                     |
|      | G11386   | 6                   | Flat Washer, 5/16" SAE                 |
| 15   | GD12679  | 1                   | Stepped Spacer, 3" Long                |
| 16   | GA9437   | 1                   | Hub W/Bearing                          |
|      | GA8603   | -                   | Bearing, Double Row                    |
| 17   | G10011   | 1                   | Hex Head Cap Screw, 5/8"-11 x 5 1/2"   |
| 18   | G10046   | 1                   | Hex Head Cap Screw, 5/8"-11 x 5"       |
| 19   | GD12676  | 1                   | Disc Blade, Notched, 16 3/4"           |
| 20   | G10871   | 1                   | Hex Head Cap Screw, 1/2"-13 x 6"       |
| 21   | GD13287  | 2                   | U-Bolt, 1 1/2" x 2 1/2" x 1/2"-13      |
|      | G11389   | 4                   | Flat Washer, 1/2" Plated SAE           |
|      | G10111   | 4                   | Lock Nut, 1/2"-13                      |
| 22   | GA15416  | -                   | Check Valve, Low Rate                  |
| 23   | GA9457   | -                   | Opener Mount, L.H.                     |
|      | GA9456   | -                   | Opener Mount, R.H. (Shown)             |
| 24   | GD1114   | -                   | U-Bolt, 7" x 7" x 5/8"-11              |
|      | G10230   | -                   | Lock Washer, 5/8"                      |
|      | G10104   | -                   | Hex Nut, 5/8"-11                       |
| 25   | G10152   | -                   | Hex Head Cap Screw, 5/8"-11 x 9"       |
|      | G10230   | -                   | Lock Washer, 5/8"                      |
|      | G10104   | -                   | Hex Nut, 5/8"-11                       |
| 26   | GA9454   | -                   | Opener Mount, R.H. (Shown)             |
|      | GA9455   | -                   | Opener Mount, L.H.                     |
| 27   | GB0323   | 1                   | Knife, L.H. (Shown)                    |
|      | GB0322   | -                   | Knife, R.H.                            |
| 28   | GA12108  | 1                   | Drop Tube, Liquid Fertilizer (Shown)   |
|      | GA12109  | -                   | Drop Tube, Liquid Fertilizer           |
| 29   | GD12677  | -                   | Washer, 1 1/2" O.D., 7 Gauge, Hardened |
| 30   | G11389   | -                   | Flat Washer, 1/2" SAE                  |
| 31   | G10107   | -                   | Lock Nut, 5/8"-11                      |

---

| ITEM | PART NO. | QTY.<br>(Per Assy.) | DESCRIPTION                                     |
|------|----------|---------------------|-------------------------------------------------|
| 32   | G10111   | -                   | Lock Nut, 1/2"-13                               |
| 33   | G11391   | -                   | Flat Washer, 5/8" SAE                           |
| 34   | G10217   | -                   | Washer, 5/8" USS                                |
| 35   | G10450   | -                   | Machine Bushing, 1 1/2", 18 Gauge (As Required) |

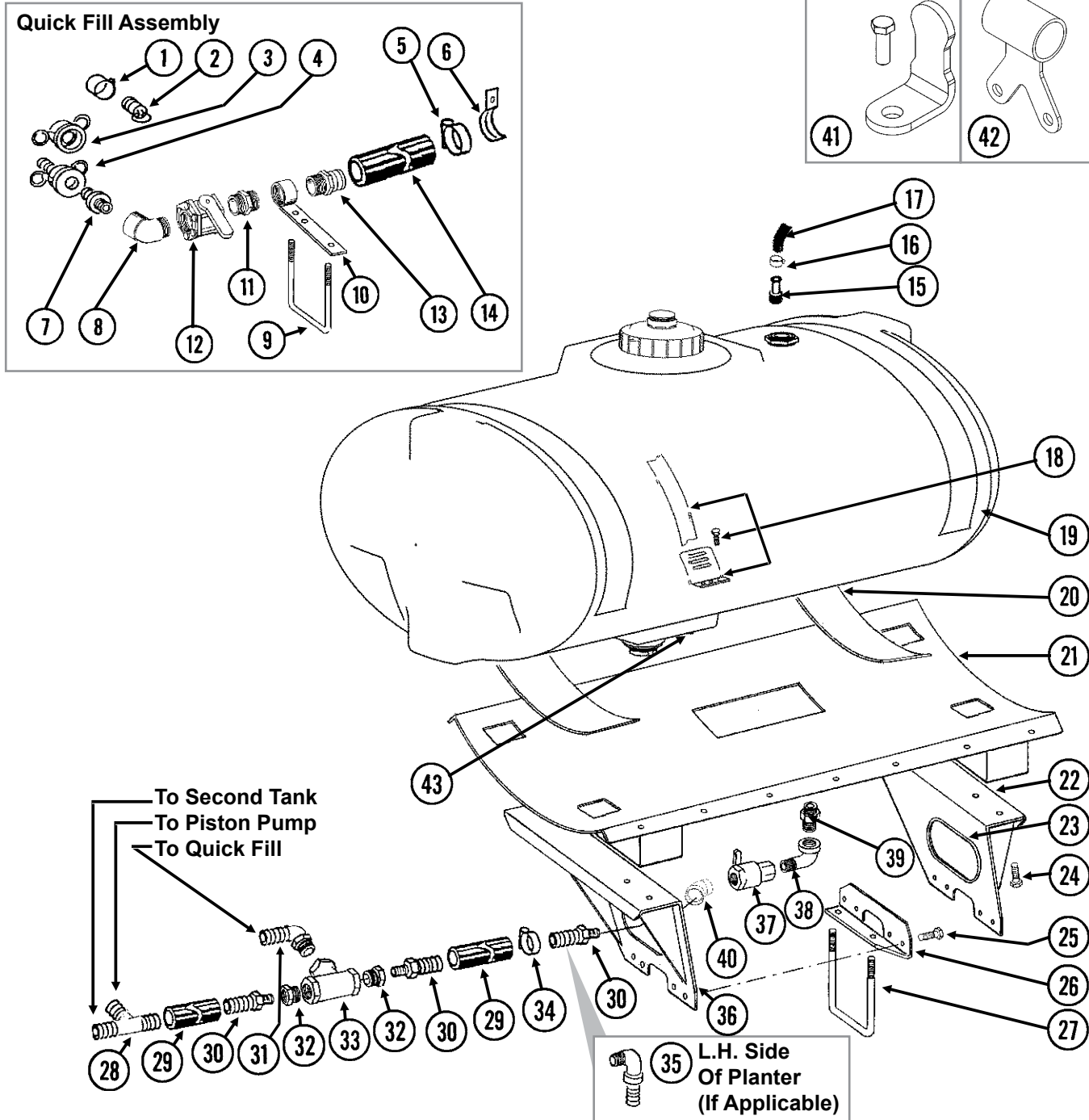
**This page left blank intentionally.**

(FRTZ256)



| ITEM | PART NO.  | QTY.<br>(Per Assy.) | DESCRIPTION                                                             |
|------|-----------|---------------------|-------------------------------------------------------------------------|
| 1    | G10010    | 2                   | Hex Head Cap Screw, 5/8"-11 x 3"                                        |
| 2    | G11391    | 1                   | Flat Washer, 5/8" SAE                                                   |
| 3    | ---       | -                   | <a href="#">See "Notched Single Disc Fertilizer Opener" on page P93</a> |
| 4    | GA9472    | 1                   | Blade Mount                                                             |
| 5    | G10233    | 1                   | Machine Bushing, 1", 10 Gauge                                           |
| 6    | GA10037   | 1                   | Wheel Mount, L.H. (Shown)                                               |
|      | GA10036   | 1                   | Wheel Mount, R.H.                                                       |
| 7    | GD13309   | 1                   | Spacer                                                                  |
| 8    | GD31466   | 1                   | Half Wheel, Black                                                       |
| 9    | GD11953   | 1                   | Offset Tire                                                             |
| 10   | GA6171    | 1                   | Bearing                                                                 |
| 11   | GD26598   | 1                   | Half Wheel Cover, Black                                                 |
| 12   | G10961    | 11                  | Flanged Whiz Lock Screw, 5/16"-18 x 3/4", No Serration                  |
|      | G10620    | 11                  | Serrated Flange Nut, 5/16"-18                                           |
| 13   | G10397801 | -                   | Special Bushing (As Required)                                           |
| A    | GA18311   | -                   | Gauge Wheel Complete (Items 8-12)                                       |
| B    | G9881X    | -                   | Depth/Gauge Wheel Package (Items 1-13)                                  |

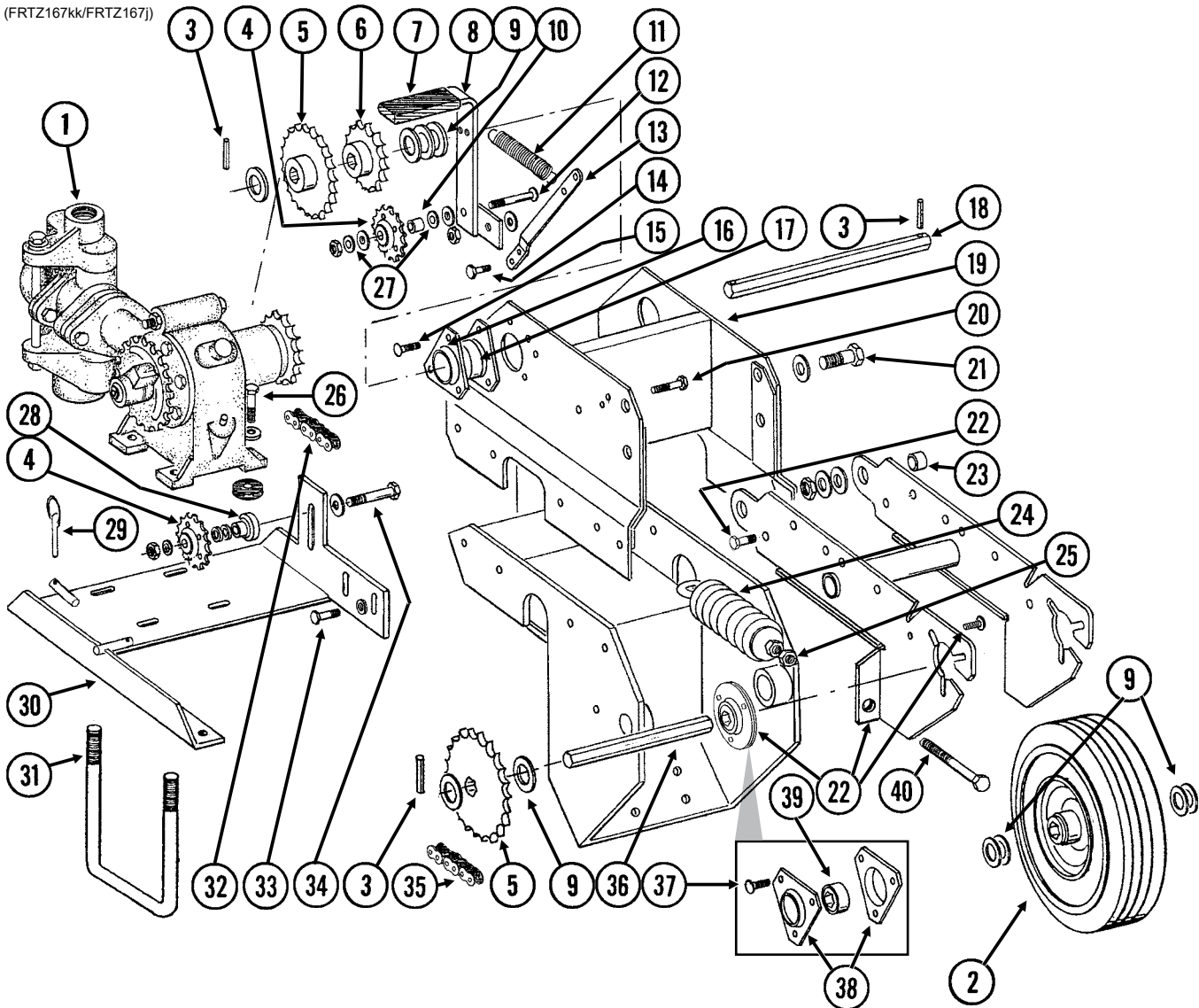
(FRTZ170r/PT51)



| ITEM | PART NO. | QTY. | DESCRIPTION                         |
|------|----------|------|-------------------------------------|
| 1    | G10672   | 1    | Hose Clamp, No. 28                  |
| 2    | GD10777  | 1    | Dust Plug, 2" Male Cam Lock         |
| 3    | GD3622   | 1    | Adapter, 2" Female NPT To Cam Lock  |
| 4    | GD3951   | 1    | Dust Cap, 2" Cam Lock               |
| 5    | G10676   | 2    | Hose Clamp, No. 36, Stainless Steel |
| 6    | GD11235  | 1    | Hose Clamp, 2" (If Applicable)      |
| 7    | GD3623   | 1    | Adapter, 2" Male NPT To Cam Lock    |
| 8    | G10889   | 1    | Elbow, 45°, 2" Male NPT To Female   |
| 9    | GD1114   | 1    | U-Bolt, 7" x 7" x 5/8"-11           |
|      | G10230   | 2    | Lock Washer, 5/8"                   |
|      | G10104   | 2    | Hex Nut, 5/8"-11                    |

| ITEM | PART NO.  | QTY. | DESCRIPTION                                                                                              |
|------|-----------|------|----------------------------------------------------------------------------------------------------------|
| 10   | GA8082    | 1    | Quick Fill Mount, 2" NPT                                                                                 |
| 11   | G10623    | 1    | Close Nipple, 2" NPT                                                                                     |
| 12   | GA2660    | 1    | Shutoff Valve, 2" NPT                                                                                    |
| 13   | G10628    | 1    | Adapter, 2" NPT To Barb                                                                                  |
| 14   | G4201-04  | 1    | Hose, 2" x 15'                                                                                           |
| 15   | G10626    | 2    | Adapter, 1 1/4" NPT to Barb                                                                              |
| 16   | G10674    | 2    | Hose Clamp, No. 24                                                                                       |
| 17   | G4602-02  | -    | Hose, 1 1/4" x 22'                                                                                       |
| 18   | GA8114    | 2    | Tank Mounting Hardware Package, Includes: (2) Straps, (4) Anchors, (8) Hex Head Tap Bolts, (8) Lock Nuts |
|      | G10485    | -    | Hex Head Tap Bolt, 3/8"-16 x 5"                                                                          |
|      | G10901    | -    | Lock Nut W/Nylon Insert, 3/8"-16                                                                         |
| 19   | G10856202 | 2    | Tank W/Lid And Fittings, 200 Gallon                                                                      |
|      | GA16428   | 1    | Lid, 7" (Top Of Tank) W/Vacuum Breaker (Included W/GA14115)                                              |
|      | GA16157   | -    | Vacuum Breaker (Included W/GA16428)                                                                      |
|      | GR1708    | -    | 3/4" Bulkhead Fitting Assembly (Overflow Fitting, Nut, Bushing, and O-Ring) (Included W/GA14115)         |
|      | GR1919    | -    | 1 1/2" Bulkhead Fitting Assembly (Included W/GA14115)                                                    |
|      | GR1709    | -    | 1 1/4" Bulkhead Fitting Assembly (Nut, Bushing And O-Ring) (End Of Tank) (Included W/GA14115)            |
|      | GR1941    | -    | Seal (Included W/GA14115)                                                                                |
| 20   | GD1862    | -    | Pad, 8" x 14'                                                                                            |
| 21   | GA8088    | 2    | Tank Saddle                                                                                              |
| 22   | GA8086    | 2    | Saddle Mount, R.H.                                                                                       |
| 23   | G4425-01  | 4    | Molding, 3/16" x 26"                                                                                     |
| 24   | G10017    | 16   | Hex Head Cap Screw, 1/2"-13 x 1 1/2"                                                                     |
|      | G11389    | 32   | Flat Washer, 1/2" SAE                                                                                    |
|      | G10228    | 16   | Lock Washer, 1/2"                                                                                        |
|      | G10102    | 16   | Hex Nut, 1/2"-13                                                                                         |
| 25   | G10004    | 16   | Hex Head Cap Screw, 3/8"-16 x 1 1/4"                                                                     |
|      | G10229    | 16   | Lock Washer, 3/8"                                                                                        |
|      | G10101    | 16   | Hex Nut, 3/8"-16                                                                                         |
| 26   | GA8156    | 1    | Bracket, R.H., 8 Row Only                                                                                |
|      | GA8155    | -    | Bracket, L.H., 8 Row Only (Shown)                                                                        |
| 27   | GD1114    | 1    | U-Bolt, 7" x 7" x 5/8"-11 (8 Row Only)                                                                   |
|      | G10230    | 2    | Lock Washer, 5/8"                                                                                        |
|      | G10104    | 2    | Hex Nut, 5/8"-11                                                                                         |
| 28   | G11342    | 1    | Tee, 1 1/2" Barb                                                                                         |
| 29   | G4202-05  | 1    | Hose, 1 1/2" x 15'                                                                                       |
| 30   | G10627    | 3-4  | Adapter, 1 1/2" NPT To Barb                                                                              |
| 31   | G10630    | 1    | Elbow, 90°, 2" NPT To Barb                                                                               |
| 32   | G11308    | 2    | Reducing Bushing, 2" Male NPT To 1 1/2" Female                                                           |
| 33   | G10888    | 1    | Tee, 2" Female NPT                                                                                       |
| 34   | G10672    | 10   | Hose Clamp, No. 28                                                                                       |
| 35   | G11353    | 1    | Elbow, 90°, 1 1/2" NPT To Barb                                                                           |
| 36   | GA8087    | 2    | Saddle Mount, L.H.                                                                                       |
| 37   | GA13622   | 2    | Shutoff Valve, 1 1/2" NPT                                                                                |
|      | GR1015    | -    | Body O-Ring                                                                                              |
|      | GR1016    | -    | Stem O-Ring                                                                                              |
|      | GR1017    | -    | Teflon Seal                                                                                              |
|      | GR1018    | -    | Ball                                                                                                     |
|      | GR1019    | -    | Handle                                                                                                   |
| 38   | G11353    | 2    | Elbow, 90°, 1 1/2" NPT To Barb                                                                           |
| 39   | G11306    | 3    | Close Nipple, 1 1/2" NPT                                                                                 |
| 40   | G11354    | 2    | Elbow, 1 1/2" NPT, 45°                                                                                   |
| 41   | GD20060   | 2    | Hose Bracket                                                                                             |
|      | G10857    | 2    | Hex head Cap Screw, 1/4"-20 x 1 1/4"                                                                     |
|      | G10103    | 2    | Hex Nut, 1/4"-20                                                                                         |
|      | G10227    | 2    | Lock Washer, 1/4"                                                                                        |
| 42   | GA14158   | 2    | Hose Guide                                                                                               |
| 43   | G10096    | 2    | Pipe Plug, 3/4" NPT                                                                                      |

(FRTZ167kk/FRTZ167j)



| ITEM | PART NO.   | QTY. | DESCRIPTION                                                                               |
|------|------------|------|-------------------------------------------------------------------------------------------|
| 1    | ---        | -    | <a href="#">See "Liquid Fertilizer Piston Pump (Uses 18 Tooth Sprocket)" on page P109</a> |
| 2    | GA5090     | 1    | Tire And Rim Assembly (Specify Brand*)                                                    |
|      | GD5753     | -    | Tire, 4.10" x 6" (Specify Brand*) (Included W/GA5090)                                     |
|      | GD5752     | -    | Inner Tube (Included W/GA5090)                                                            |
| 3    | G10602     | 4    | Spring Pin, 1/4" x 1 1/2"                                                                 |
| 4    | GA7154     | 2    | Sprocket W/Bearing, 18 Tooth                                                              |
| 5    | GA5202     | 2    | Sprocket, 34 Tooth                                                                        |
| 6    | GA5109     | 1    | Sprocket, 24 Tooth                                                                        |
| 7    | GD5827     | 1    | Cover                                                                                     |
| 8    | GA8084     | 1    | Arm                                                                                       |
| 9    | G10233     | 9    | Machine Bushing, 1", 10 Gauge                                                             |
| 10   | GD11963-01 | 1    | Spacer, 1 1/16"                                                                           |
| 11   | GD5857     | 1    | Spring                                                                                    |
| 12   | G10306     | 1    | Carriage Bolt, 3/8"-16 x 2"                                                               |
|      | G11387     | 2    | Flat Washer, 3/8" SAE                                                                     |
|      | G10108     | 1    | Lock Nut, 3/8"-16                                                                         |
| 13   | GD5860     | 1    | Bar                                                                                       |

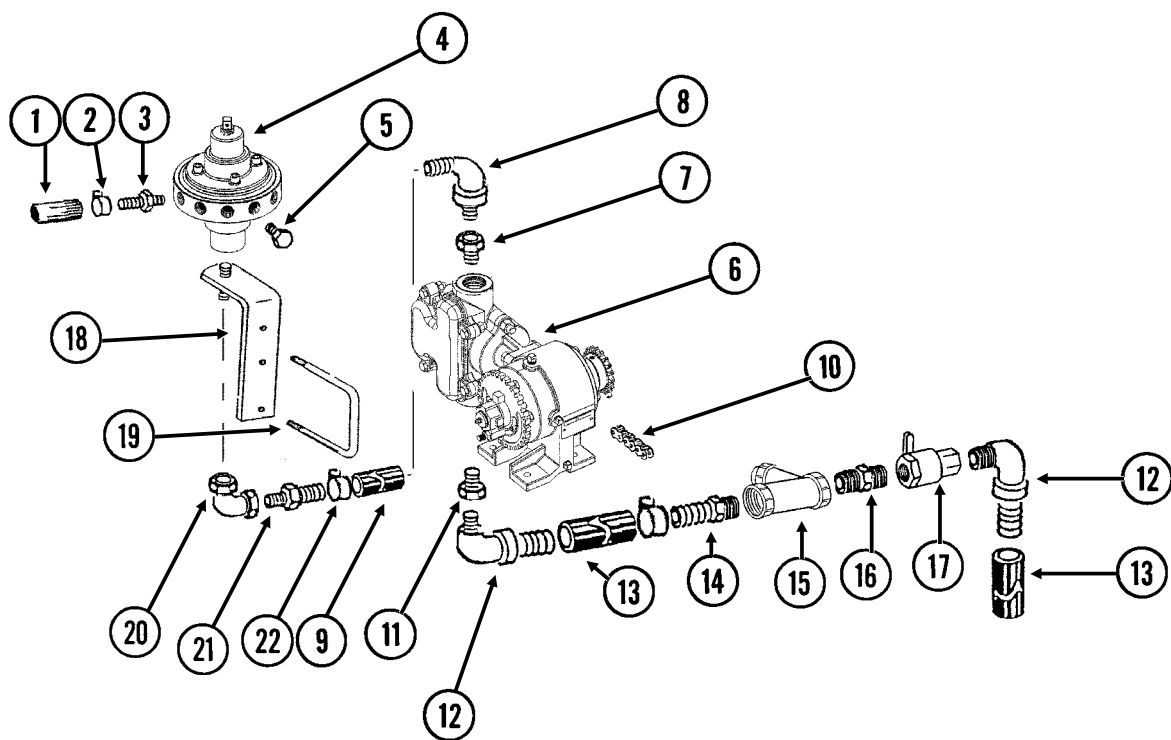
| ITEM | PART NO.     | QTY. | DESCRIPTION                                                              |
|------|--------------|------|--------------------------------------------------------------------------|
| 14   | G10023       | 2    | Hex Head Cap Screw, 1/4"-20 x 3/4"                                       |
|      | G10227       | 2    | Lock Washer, 1/4"                                                        |
|      | G10103       | 2    | Hex Nut, 1/4"-20                                                         |
| 15   | G10303       | 6    | Carriage Bolt, 5/16"-18 x 1"                                             |
|      | G10232       | 6    | Lock Washer, 5/16"                                                       |
|      | G10106       | 6    | Hex Nut, 5/16"-18                                                        |
| 16   | G3400-01     | 4    | Flangette                                                                |
| 17   | G2100-03     | 2    | Bearing, 7/8" Hex Bore, Spherical                                        |
| 18   | GD6825-12.25 | 1    | Hex Shaft, 7/8" x 12 1/4" (2 Holes)                                      |
| 19   | GA5118       | 1    | Mount                                                                    |
| 20   | G10001       | 1    | Hex Head Cap Screw, 3/8"-16 x 1"                                         |
|      | G10370       | 1    | Machine Bushing, 3/8", 22 Gauge                                          |
|      | G10229       | 1    | Lock Washer, 3/8"                                                        |
|      | GD5756       | 1    | Special Nut, 3/8"-16                                                     |
| 21   | G10751       | 2    | Hex Head Cap Screw, 5/8"-18 x 1 3/4"                                     |
|      | G10235       | 6    | Machine Bushing, 7/8", 14 Gauge                                          |
|      | G11391       | 2    | Flat Washer, 5/8" SAE                                                    |
|      | G10412       | 2    | Lock Nut, 5/8"-18                                                        |
| 22   | A7370        | 1    | Arm W/Flanged Bearings And Hardware <b>(Non-Stock Item) (Sub G1K253)</b> |
|      | G10303       | 6    | Carriage Bolt, 5/16"-18 x 1" (Included W/A7370)                          |
|      | G10232       | 6    | Lock Washer, 5/16" (Included W/A7370)                                    |
|      | G10106       | 6    | Hex Nut, 5/16"-18 (Included W/A7370)                                     |
|      | GA9846       | -    | Flanged Bearing, 7/8" Hex Bore (Included W/A7370)                        |
|      | G10055       | 2    | Hex Head Cap Screw, 5/8"-11 x 1 1/4" (Stop Bolt) (Included W/A7370)      |
|      | G10107       | 2    | Lock Nut, 5/8"-11 (Included W/A7370)                                     |
| 23   | GB0218       | 2    | Bushing, 2 1/32" I.D. x 7/8" O.D. x 1 9/32" Long                         |
| 24   | GA2068       | 1    | Spring W/Plug                                                            |
| 25   | G10501       | 2    | Hex Jam Nut, 1/2"-13, Grade 2                                            |
| 26   | G10003       | 4    | Hex Head Cap Screw, 3/8"-16 x 1 1/2"                                     |
|      | G11387       | 4    | Flat Washer, 3/8" SAE                                                    |
|      | GR1122       | 4    | Mounting Pad                                                             |
|      | G10229       | 4    | Lock Washer, 3/8"                                                        |
|      | G10101       | 4    | Hex Nut, 3/8"-16                                                         |
| 27   | G10207       | 2    | Washer, 7/8" O.D. x 1 3/32" I.D. x .134"                                 |
| 28   | GB0258       | 1    | Stepped Spacer, 7/8"                                                     |
| 29   | GD2558       | 1    | Lynch Pin, 1/4"                                                          |
| 30   | GA8168       | 1    | Pump Mount                                                               |
| 31   | GD7145       | 1    | U-Bolt, 7" x 7" x 1/2"-13                                                |
|      | G10228       | 2    | Lock Washer, 1/2"                                                        |
|      | G10102       | 2    | Hex Nut, 1/2"-13                                                         |
| 32   | G3310-66     | 1    | Chain, No. 40, 66 Pitch Including Connector Link                         |
|      | GR0912       | -    | Connector Link, No. 40                                                   |
| 33   | G10003       | 8    | Hex Head Cap Screw, 3/8"-16 x 1 1/2"                                     |
|      | G11387       | 2    | Flat Washer, 3/8" SAE                                                    |
|      | G10229       | 8    | Lock Washer, 3/8"                                                        |
|      | G10101       | 8    | Hex Nut, 3/8"-16                                                         |
| 34   | G10038       | 1    | Hex Head Cap Screw, 1/2"-13 x 3"                                         |
|      | G11389       | 2    | Flat Washer, 1/2" SAE                                                    |
|      | G10228       | 1    | Lock Washer, 1/2"                                                        |
|      | G10102       | 1    | Hex Nut, 1/2"-13                                                         |
| 35   | G3310-139    | 1    | Chain, No. 40, 139 Pitch Including Connector Link And Offset Link        |
|      | GR0912       | -    | Connector Link, No. 40                                                   |
|      | GR0911       | -    | Offset Link, No. 40                                                      |
| 36   | GD6825-10.5  | 1    | Hex Shaft, 7/8" x 10 1/2" (2 Holes)                                      |

| ITEM | PART NO. | QTY. | DESCRIPTION                                                    |
|------|----------|------|----------------------------------------------------------------|
| 37   | G10303   | 6    | Carriage Bolt, $\frac{5}{16}$ "-18 x 1"                        |
|      | G11386   | 6    | Flat Washer, $\frac{5}{16}$ " SAE                              |
|      | G10232   | 6    | Lock Washer, $\frac{5}{16}$ "                                  |
|      | G10106   | 6    | Hex Nut, $\frac{5}{16}$ "-18                                   |
| 38   | G3400-01 | 4    | Flangette                                                      |
| 39   | G2100-03 | 2    | Bearing, $\frac{7}{8}$ " Hex Bore, Spherical                   |
| 40   | G11232   | 2    | Hex Head Cap Screw, $\frac{1}{2}$ "-13 x 4", Grade 5           |
| A    | G1K253   | -    | Contact Wheel Arm Replacement Kit (Items 3, 22, 25, 36 And 40) |

**\*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. Different brand tires may have different diameters. Change in tire brands may affect rates. Field checks are recommended after any change in contact tires.**

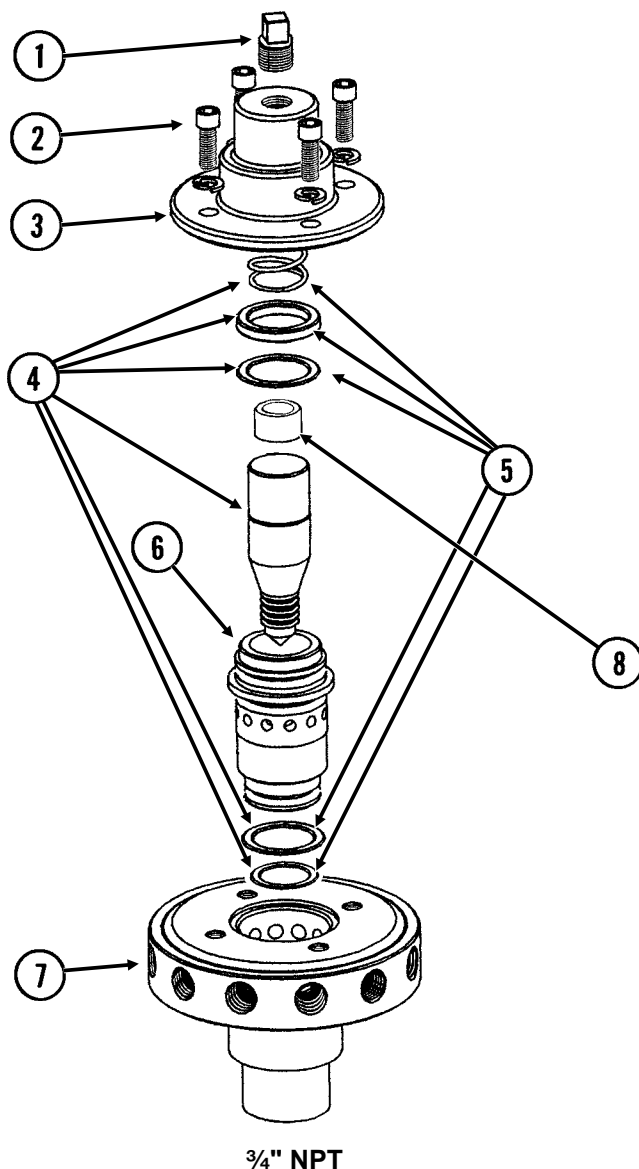
**This page left blank intentionally.**

(FRTZ295)



| ITEM | PART NO. | QTY. | DESCRIPTION                                                                                  |
|------|----------|------|----------------------------------------------------------------------------------------------|
| 1    | G4301-06 | 1    | Hose, 3/8" x 160'                                                                            |
| 2    | G10681   | 24   | Hose Clamp, No. 6                                                                            |
| 3    | GD11700  | 12   | Adapter, 1/4" NPT To 3/8" Barb                                                               |
| 4    | ---      | -    | <a href="#">See "Liquid Fertilizer Piston Pump Flow Divider" on page P107</a>                |
| 5    | G10292   | -    | Pipe Plug, 1/4" NPT                                                                          |
| 6    | ---      | -    | See "Liquid Fertilizer Piston Pump", Pages P100 And P101                                     |
| 7    | G11237   | 1    | Reducing Bushing, 1 1/2" Male NPT To 3/4" Female                                             |
| 8    | G10917   | 1    | Elbow, 90°, 3/4" NPT To Barb                                                                 |
| 9    | G4205-04 | -    | Hose, 3/4" x 36"                                                                             |
| 10   | ---      | -    | <a href="#">See "Liquid Fertilizer Piston Pump Drive" on page P101</a>                       |
| 11   | G10615   | 1    | Reducing Bushing, 1 1/2" Male NPT To 1 1/4" Female                                           |
| 12   | G10629   | 2    | Elbow, 90°, 1 1/4" NPT To Barb,                                                              |
| 13   | ---      | -    | <a href="#">See "Liquid Fertilizer Tanks, Saddles, Saddle Mounts, and Hoses" on page P99</a> |
| 14   | G10626   | 1    | Adapter, 1 1/4" NPT To Barb                                                                  |
| 15   | GA3893   | 1    | Strainer Complete                                                                            |
|      | GR0880   | -    | Screen, No. 40 Mesh (Included W/GA3893)                                                      |
|      | GR0881   | -    | Gasket (Included W/GA3893)                                                                   |
|      | GR0882   | -    | Y-Body (Included W/GA3893)                                                                   |
|      | GR0883   | -    | End Cap (Included W/GA3893)                                                                  |
| 16   | G10619   | 1    | Close Nipple, 1 1/4" NPT                                                                     |
| 17   | GA4976   | 2    | Shutoff Valve, 1 1/4" NPT                                                                    |
|      | GR1015   | -    | Body O-Ring (Included W/GA4976)                                                              |
|      | GR1016   | -    | Stem O-Ring (Included W/GA4976)                                                              |
|      | GR1017   | -    | Teflon Seal (Included W/GA4976)                                                              |
|      | GR1018   | -    | Ball (Included W/GA4976)                                                                     |
|      | GR1019   | -    | Handle (Included W/GA4976)                                                                   |
| 18   | GA6527   | 1    | Mount, 3/4" NPT                                                                              |
| 19   | GD1114   | 1    | U-Bolt, 7" x 7" x 5/8"-11                                                                    |
|      | G10230   | 2    | Lock Washer, 5/8"                                                                            |
|      | G10104   | 2    | Hex Nut, 5/8"-11                                                                             |
| 20   | G10733   | 1    | Elbow, 90°, 3/4" Female NPT                                                                  |
| 21   | G10734   | 1    | Adapter, 3/4" NPT To Barb                                                                    |
| 22   | G10278   | 2    | Hose Clamp, No. 16                                                                           |

(FRTZ202c)

**Model FD-1200 Flow Divider, 12 Outlet**

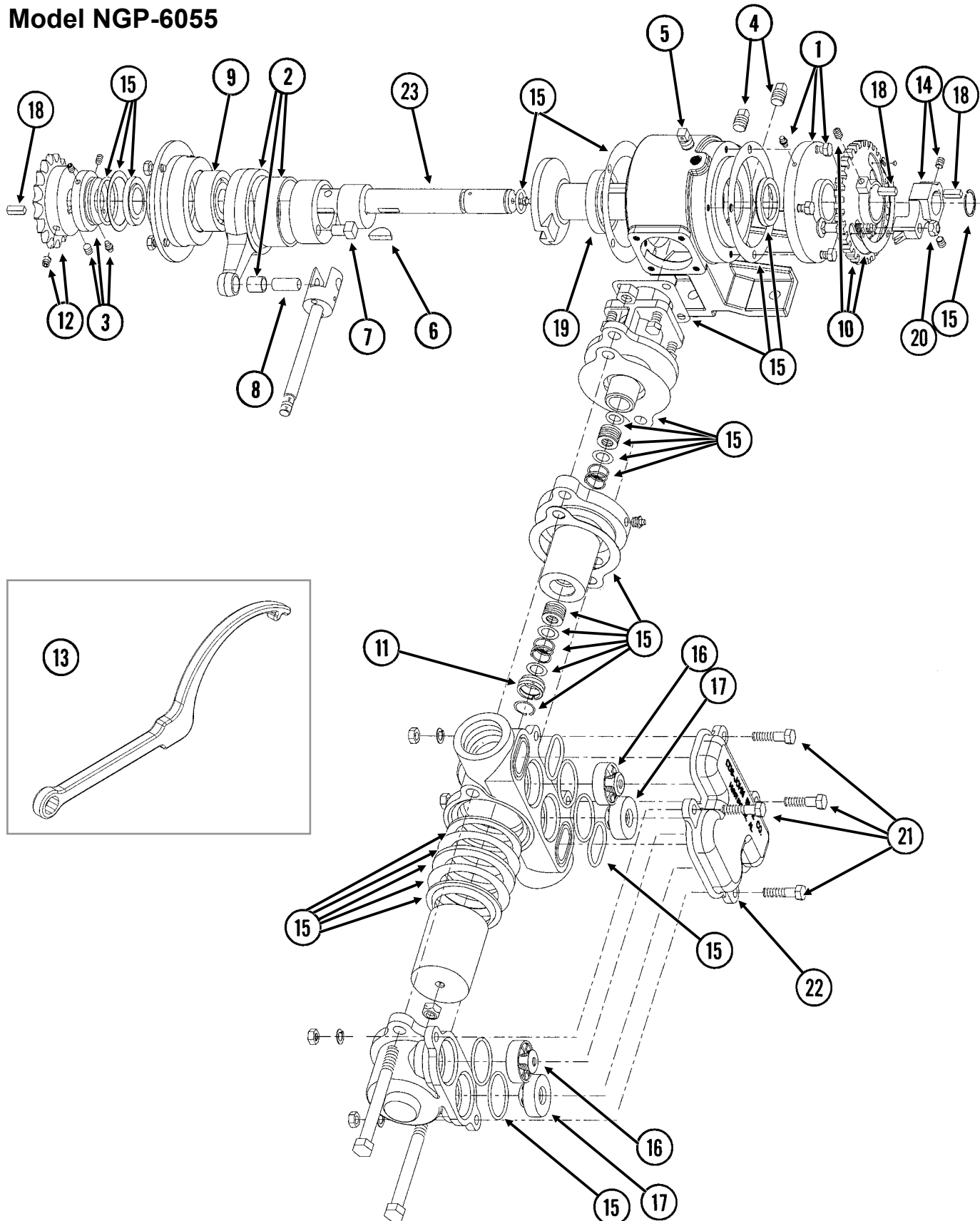
3/4" NPT

| 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                                                     |
| 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   | 1    | 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) |

**This page left blank intentionally.**

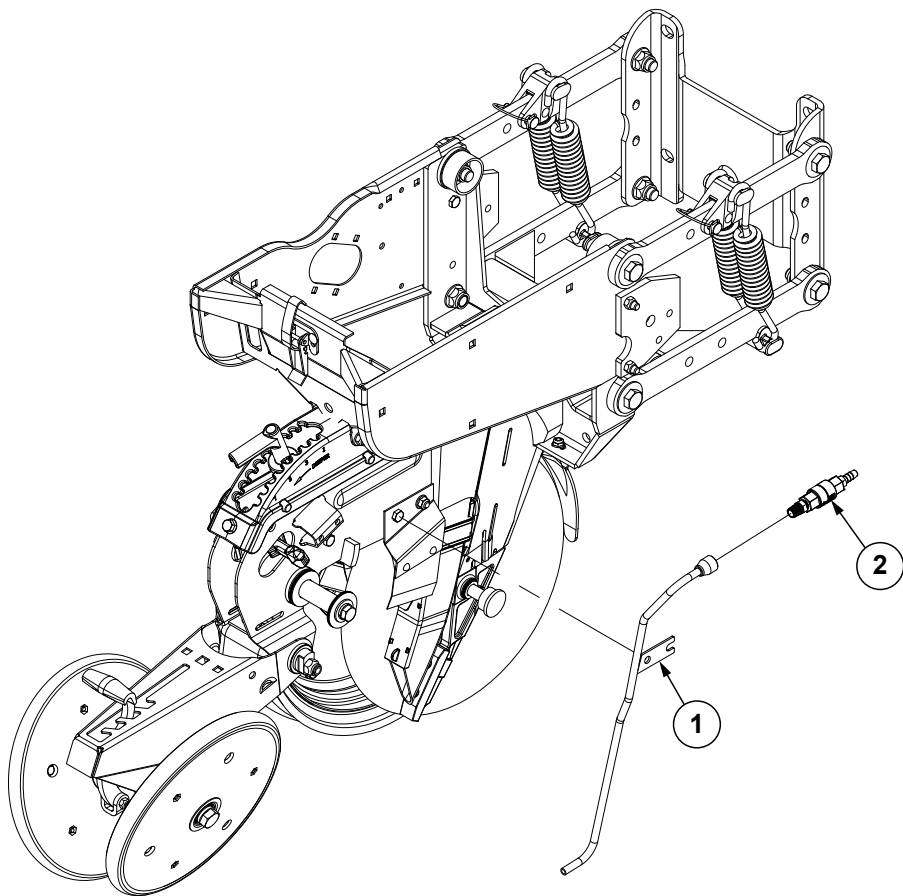
(A12335a/GR1808)

## Model NGP-6055



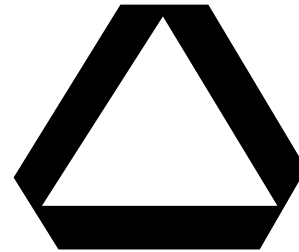
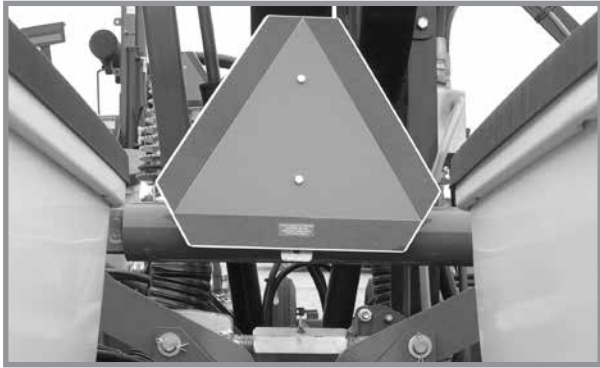
| ITEM | PART NO. | QTY. | DESCRIPTION                                                                                                                                                                                                                   |
|------|----------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | GR1804   | 1    | Flange Cover Assembly                                                                                                                                                                                                         |
|      | G10991   | 4    | Hex Head Cap Screw, $\frac{5}{16}$ "-18 x $\frac{7}{8}$ "                                                                                                                                                                     |
| 2    | GR1802   | 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   | GR1389   | 1    | Sprocket, 18 Tooth                                                                                                                                                                                                            |
| 13   | GR1808   | 1    | Adjustment Wrench                                                                                                                                                                                                             |
| 14   | GR1806   | 1    | Setting Pointer Assembly                                                                                                                                                                                                      |
| 15   | GR1795   | 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   | GR1799   | 2    | Discharge Valve Assembly                                                                                                                                                                                                      |
| 17   | GR1797   | 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   | GR2003   | 1    | Valve Cover                                                                                                                                                                                                                   |
| 23   | GR2185   | 1    | Crankshaft                                                                                                                                                                                                                    |
| A    | GA12330  | -    | Piston Pump Complete W/18 Tooth Sprocket (Model NGP-6055)                                                                                                                                                                     |

(IP1624)



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

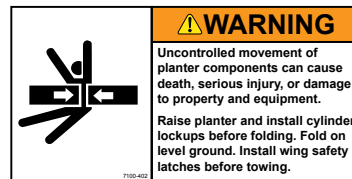
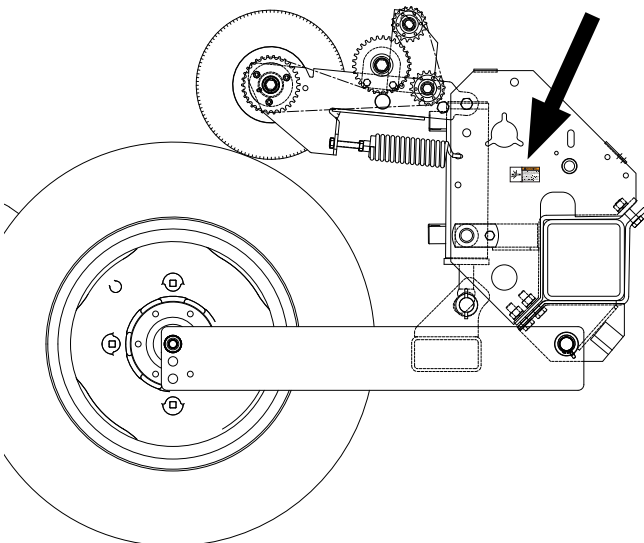
**This page left blank intentionally.**



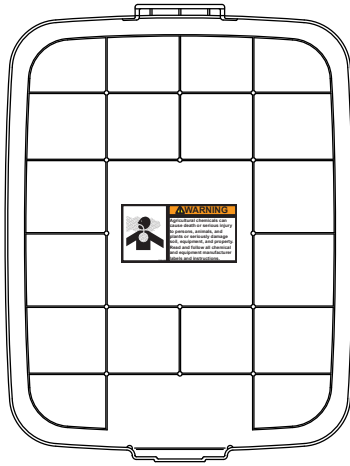
Part No.: GD2199  
Description: SMV Sign  
Quantity: 1

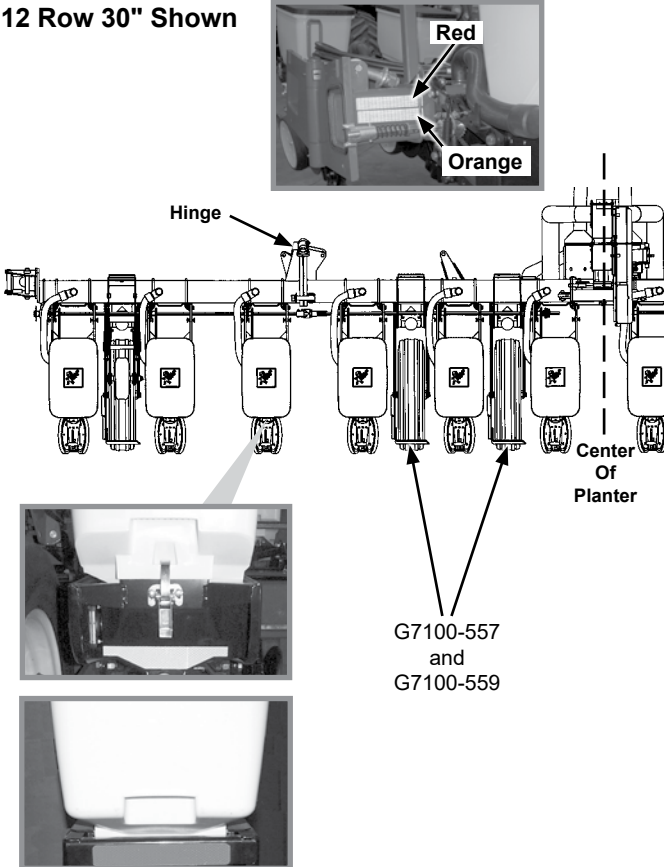
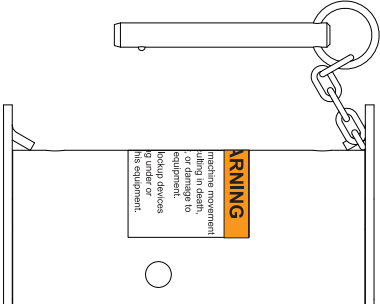


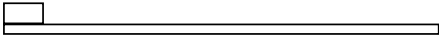
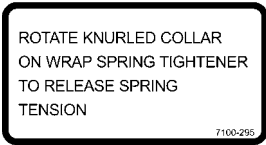
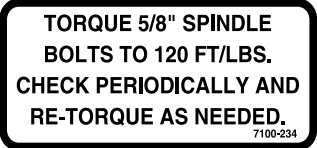
Part No.: G7100-397  
Description: Decal, Warning  
Quantity: 1 (Per Row Marker Cylinder - Conventional)  
4 (2 Per Row Marker)

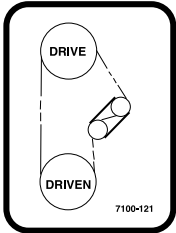
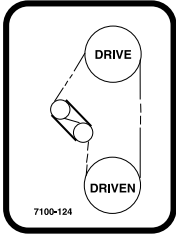
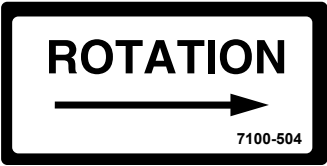
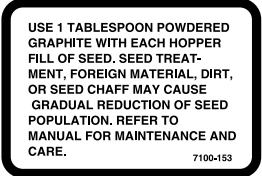
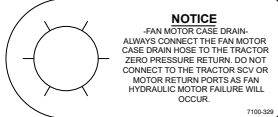
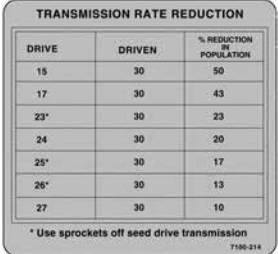


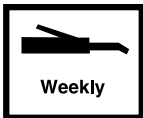
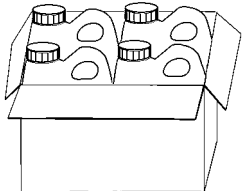
Part No.: G7100-402  
Description: Decal, Warning  
Quantity: 1 (Located on Wheel Modules On Both Ends Of Planter)  
2 (One Located On Upper Side Of Each Inner Wheel Module Arm Clamp On Each Side Of Planter)

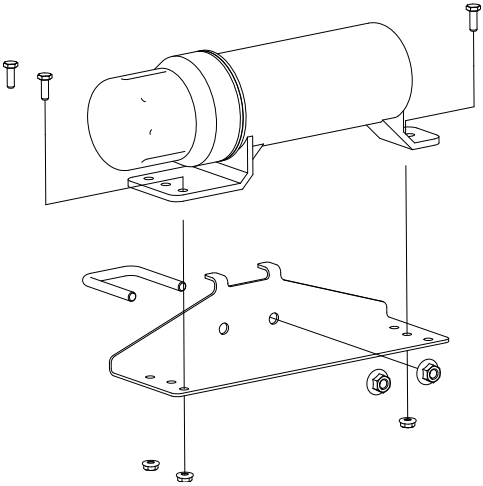
|                                                                                    |                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | <div><p><b>CAUTION</b></p><p>Fan can start at any time. Operating fan can blow debris and has a high noise level.</p><p>Always wear eye and hearing protection when working around fan.</p></div>                                                                    |
|                                                                                    | <p>Part No.: G7100-392</p> <p>Description: Decal, Caution</p> <p>Quantity: 2 (Located On Each Side Of Fan)</p>                                                                                                                                                                                                                                          |
|   | <div><p><b>CAUTION</b></p><p>Taking apart this assembly may allow compressed spring to fly out and cause injury.</p><p>Do not take apart assembly.</p></div>                                                                                                         |
|                                                                                    | <p>Part No.: G7100-388</p> <p>Description: Decal, Caution</p> <p>Quantity: 1</p>                                                                                                                                                                                                                                                                        |
|  | <div><p><b>WARNING</b></p><p>Agricultural chemicals can cause death or serious injury to persons, animals, and plants or seriously damage soil, equipment, and property. Read and follow all chemical and equipment manufacturer labels and instructions.</p></div> |
|                                                                                    | <p>Part No.: G7100-381</p> <p>Description: Decal, Warning</p> <p>Quantity: 1 (1 Per Row Unit - Located On Underside Of Granular Chemical Hopper Lid)</p>                                                                                                                                                                                                |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>12 Row 30" Shown</b></p>  <p>The diagram shows a side view of the 12 Row 30" planter toolbar. A 'Hinge' is labeled on the left side. A 'Center Of Planter' is labeled on the right side. Two arrows point to the bottom of the rear side of the planter toolbar, labeled 'G7100-557 and G7100-559'. Three inset images are provided: a top view of the toolbar showing 'Red' and 'Orange' reflective decals; a front view of the granular chemical hopper panel extension; and a bottom view of the tire scraper.</p> | <div data-bbox="964 247 1305 317" style="background-color: #cccccc; width: 100%; height: 33px;"></div> <p>Part No.: G7100-557<br/>Description: Reflective Decal, Red, 2" x 9" Rectangular<br/>Quantity: 2 (One Located On Top Of Rear Side Of Planter Toolbar On Each Side Of Planter) (12 Row 30" Only)</p> <p>4 (Rear-Facing In Transport Position - Two Located On Top Of Rear Side Of Tire Scraper On Each Side Of Planter)</p> <p>Part No.: G7100-558<br/>Description: Reflective Decal, Amber, 2" x 9", Rectangular<br/>Quantity: 2 (Forward-Facing In Transport Position - One Located On The Granular Chemical Hopper Panel Extension On First Row Unit On Outer Side Of Hinge On Each Side Of Planter) (If Applicable)</p> <p>Part No.: G7100-559<br/>Description: Reflective Decal, Orange, 2" x 9" Rectangular<br/>Quantity: 2 (One Located On Bottom Of Rear Side Of Planter Toolbar On Each Side Of Planter) (12 Row 30" Only)</p> <p>4 (Rear-Facing In Transport Position - Two Located On Bottom Of Rear Side Of Tire Scraper On Each Side Of Planter)</p> <div data-bbox="980 1142 1289 1211" style="background-color: #cccccc; width: 100%; height: 33px;"></div> <p>Part No.: G7100-262<br/>Description: Reflective Decal, Amber, 1 1/4" x 9", Die-Cut<br/>Quantity: 2 (Forward-Facing In Transport Position - One Located On The Hopper Support On First Row Unit On Outer Side Of Hinge On Each Side Of Planter)</p> |
|  <p>The diagram shows a safety lockup device with a handle and a chain. A warning label is attached to the handle, reading: 'WARNING: Uncontrolled machine movement can crush resulting in death, serious injury, or damage to property and equipment. Install safety lockup devices before working under or transporting this equipment.'</p>                                                                                                                                                                             | <div data-bbox="992 1430 1273 1570">  <div> <p><b>WARNING</b></p> <p>Uncontrolled machine movement can crush resulting in death, serious injury, or damage to property and equipment.</p> <p>Install safety lockup devices before working under or transporting this equipment.</p> </div> </div> <p>Part No.: G7100-385<br/>Description: Decal, Warning<br/>Quantity: 4 (One Located on Each Safety Lockup)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <div data-bbox="1008 249 1354 420">  <div> <b>WARNING</b><br/>           Loss of control can cause death or serious injury, or damage to property and equipment.<br/>           Tow only with farm tractor weight rated and configured for this equipment. Use safety chains and transport as specified in the Operator and Parts Manual.         </div> </div> |
|    | <p>Part No.: G7100-393<br/>Description: Decal, Warning<br/>Quantity: 1</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.: GD10057-01<br/>Description: Hose Identification Sleeve, Red AA</p> <p>Part No.: GD10057-02<br/>Description: Hose Identification Sleeve, Red BB</p> <p>Part No.: GD10057-03<br/>Description: Hose Identification Sleeve, Blue AA</p> <p>Part No.: GD10057-04<br/>Description: Hose Identification Sleeve, Blue BB</p>                                                                                                                  |
|  | <p>Part No.: G7100-295<br/>Description: Decal, Spring Tension Release<br/>Quantity: -</p>                                                                                                                                                                                                                                                                                                                                                          |
|  | <p>Part No.: G7100-178<br/>Description: Decal, Econ-Fold®, ¾" x 3"<br/>Quantity: 1</p>                                                                                                                                                                                                                                                                                                                                                             |
|  | <p>Part No.: G7100-387<br/>Description: Decal, Warning<br/>Quantity: 1</p>                                                                                                                                                                                                                                                                                                                                                                         |
|  | <p>Part No.: G7100-234<br/>Description: Decal, Bolt Torque<br/>Quantity: -</p>                                                                                                                                                                                                                                                                                                                                                                     |

|                                                                                     |                                                                                                              |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|    | <p>Part No.: G7100-121<br/>Description: Decal, Transmission, R.H.<br/>Quantity: 1</p>                        |
|    | <p>Part No.: G7100-124<br/>Description: Decal, Transmission, L.H.<br/>Quantity: 1</p>                        |
|    | <p>Part No.: G7100-504<br/>Description: Decal, Point Row Cutch Rotation</p>                                  |
|   | <p>Part No.: G7100-153<br/>Description: Decal, Information<br/>Quantity: 1 Per Brush-Type Seed Meter</p>     |
|  | <p>Part No.: G7100-337<br/>Description: Decal, Instruction</p>                                               |
|  | <p>Part No.: G7100-329<br/>Description: Tag, Fan Motor Case Drain</p>                                        |
|  | <p>Part No.: G7100-214<br/>Description: Decal, Two-Speed Point Row Clutch Rate Reduction<br/>Quantity: 1</p> |
|  | <p>Part No.: G7100-116<br/>Description: Decal, Grease Daily</p>                                              |

|                                                                                     |                                                                                                                                                                              |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p>Part No.: G7100-110<br/>Description: Decal, Grease Weekly</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.: GR2335<br/>Description: Powdered Graphite, 40 Pound Container</p> |
|   | <p>Part No.: GR1570MPP<br/>Description: Talc Lubricant, Four 8 Pound Containers</p> <p>Part No.: GR2334<br/>Description: Talc Lubricant, 40 Pound Container</p>              |
|  | <p>Part No.: GR1842MPP<br/>Description: Graphite Lubricant, Four 5 Pound Containers</p>                                                                                      |
|  | <p>Part No.: GR2336<br/>Description: Talc/Graphite Blend (80 Talc/20 Graphite), 40 Pound Container</p>                                                                       |
|  | <p>Part No.: GR2241MPP<br/>Description: Dispensing Cap, 10/Package</p>                                                                                                       |
|  | <p>Part No.: G10074101<br/>Description: Decal, Kinze 3205 (2021-2023 Production)<br/>Quantity: 2 (1 On Each Side of Hitch)</p>                                               |

|                                                                                     |                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     | <p>Part No.: G10769501<br/>Description: Decal, Kinze 3205 (2024 Production and On)<br/>Quantity: 2 (1 On Each Side of Hitch)</p>                                                                                             |
|    | <p>Part No.: GM0301-01<br/>Description: Operator Manual, Model 3205</p> <p>Part No.: GM0301-02<br/>Description: Parts Manual, Model 3205</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.: GD22685<br/>Description: Manual Canister Bracket<br/>Quantity: 1</p>                                                                                                                                            |
|                                                                                     | <p>Part No.: GD22692<br/>Description: U-Bolt, 1<math>\frac{3}{4}</math>" x 1<math>\frac{3}{4}</math>" x <math>\frac{3}{8}</math>"-16<br/>Quantity: 1</p>                                                                     |
|                                                                                     | <p>Part No.: G11091<br/>Description: Serrated Flange Nut, <math>\frac{3}{8}</math>"-16<br/>Quantity: 2</p>                                                                                                                   |
|                                                                                     | <p>Part No.: G11166<br/>Description: Hex Socket Flange Cap Screw, <math>\frac{1}{4}</math>"-20 x <math>\frac{3}{4}</math>"<br/>Quantity: 3</p>                                                                               |
|  | <p>Part No.: G11320<br/>Description: Lock Nut, <math>\frac{1}{4}</math>"-20, Grade B<br/>Quantity: 3</p>                                                                                                                     |
|                                                                                     | <p>Part No.: G7100-484<br/>Description: Decal, American Flag</p>                                                                                                                                                             |