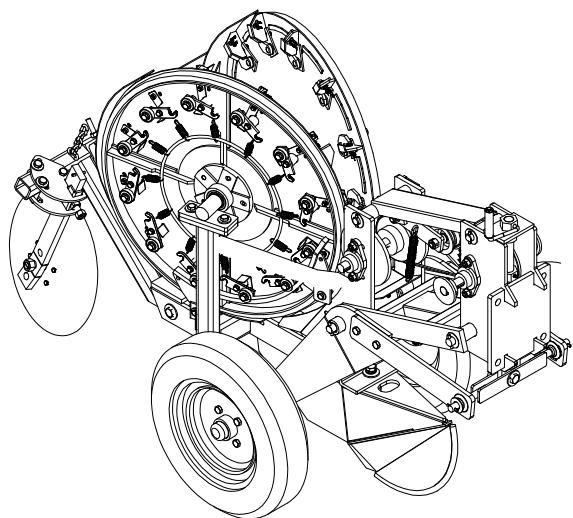
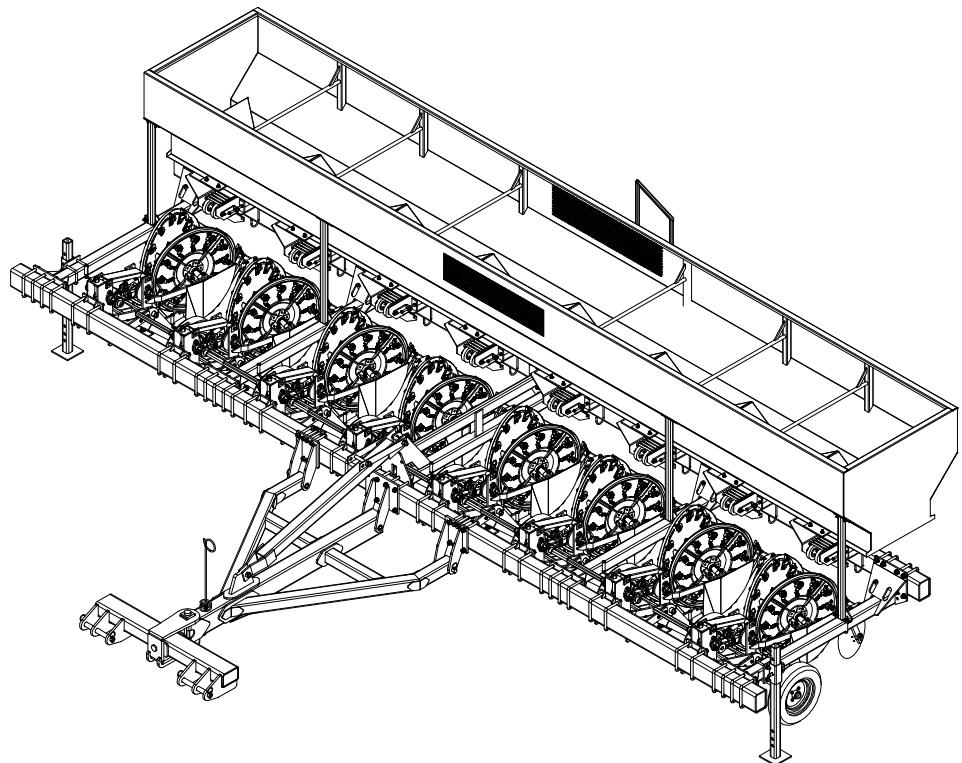


Harriston

INDUSTRIES



Pick Potato Planter Parts Book 2021

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PARTS

This Manual contains a parts list for your machine.

WHEN ORDERING PARTS

Always give your dealer the Model and Serial Number of your machine to assist them in ordering and obtaining the correct parts. Use the exploded view and tabular listing of the area of interest to exactly identify the required part.

USING THE MANUAL

Parts data consists of exploded view illustrations and associated parts list tables, which are read as follows:

- REFERENCE NUMBER

The Reference Number is the identifier number from the illustration. For example, Number 3 on an illustration points to a component which is item 3 on the accompanying table. The abbreviation NS means the item is not shown in the illustration.

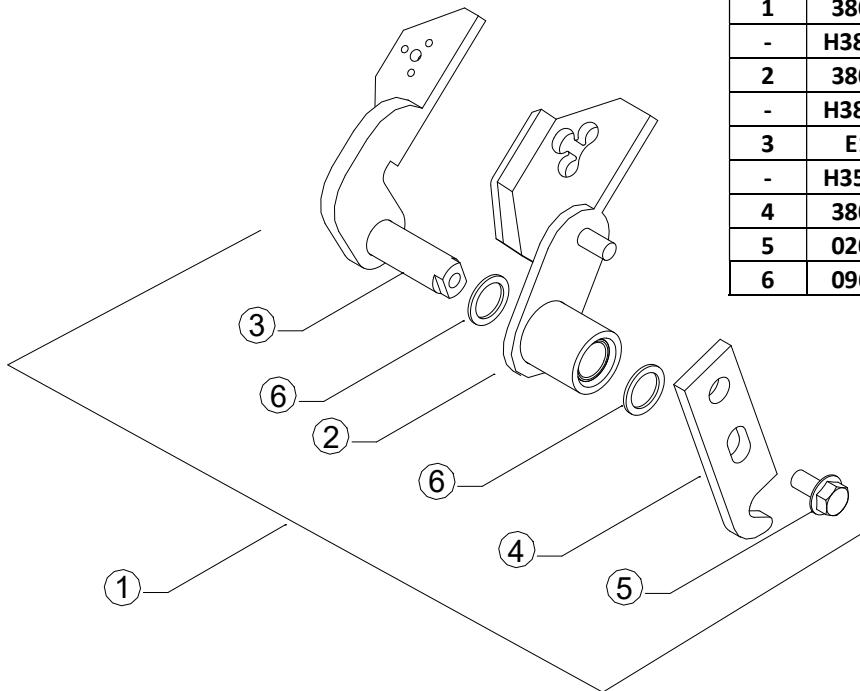
- PART NUMBER

The Part Number is the number by which the component may be identified and ordered from Harriston Industries and its network of dealers

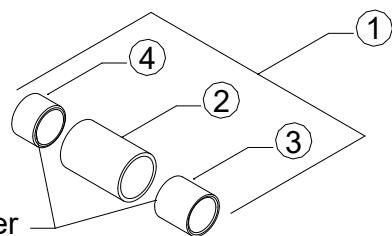
- DESCRIPTION

This column contains the name and description of the part.

Cast Picker Arm

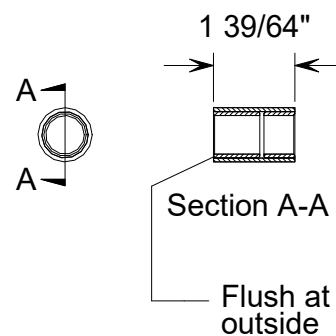


| Ref. | Part No. | Description |
|------|----------|-----------------------------------|
| 1 | 380540 | Right Pick Assembly (Three Hole) |
| - | H380145 | Right Pick Assembly (Four Hole) |
| 2 | 380500 | Base Right w/I.Glide (Three Hole) |
| - | H380140 | Base Right w/I.Glide (Four Hole) |
| 3 | E101 | Arm Right (Three Hole) |
| - | H350935 | Arm Right (Four Hole) |
| 4 | 380551 | Trip Arm, Machined |
| 5 | 020010 | Bolt, Serrated Flange 5/16 x 5/8" |
| 6 | 096151 | Planter Pick Seal |



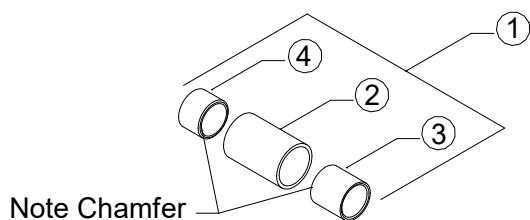
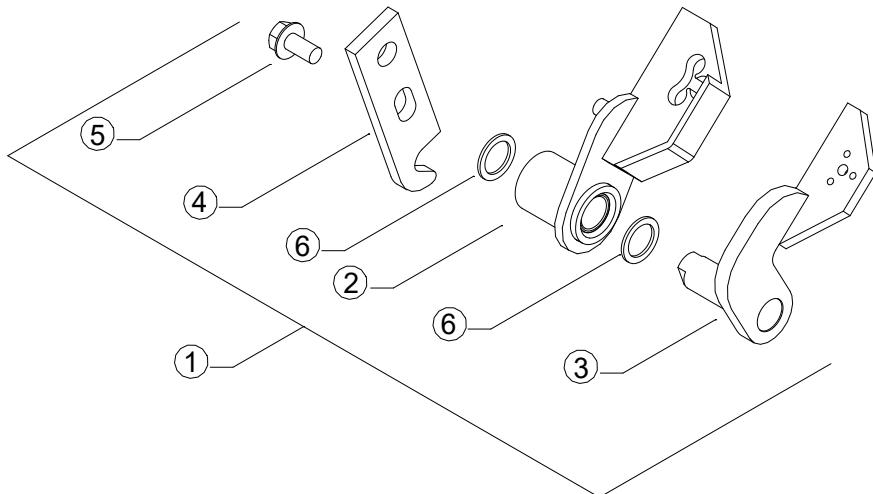
Note Chamfer

| Ref. | Part No. | Description |
|------|----------|--------------------------------|
| 1 | 380100 | Brass Sleeve W/I.Glide Bushing |
| 2 | 096241 | Brass Sleeve |
| 3 | 096240 | I.Glide Bushing |
| 4 | 096242 | I.Glide Bushing |

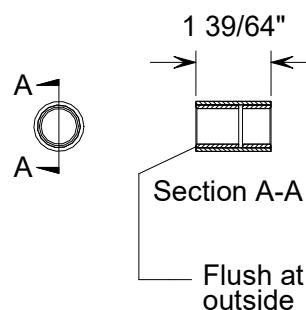


Cast Picker Arms

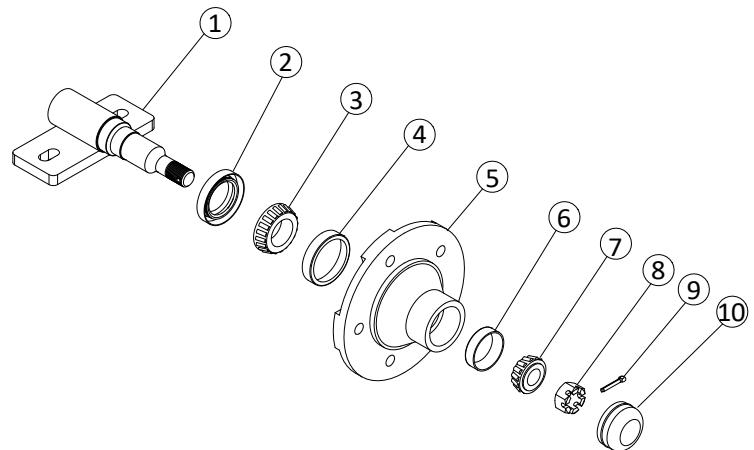
| Ref. | Part No. | Description |
|------|----------|---------------------------------------|
| 1 | 380545 | Cast Left Pick Assembly (Three Hole) |
| - | H380155 | Cast Left Pick Assembly (Four Hole) |
| 2 | 380510 | Cast Base Left w/I.Glide (Three Hole) |
| - | H380150 | Cast Base Left w/I.Glide (Four Hole) |
| 3 | E102 | Arm Left (Three Hole) |
| - | H350945 | Arm Left (Four Hole) |
| 4 | 380551 | Trip Arm, Machined |
| 5 | 020010 | Bolt, Serrated Flange 5/16 x 5/8" |
| 6 | 096151 | Planter Pick Seal |



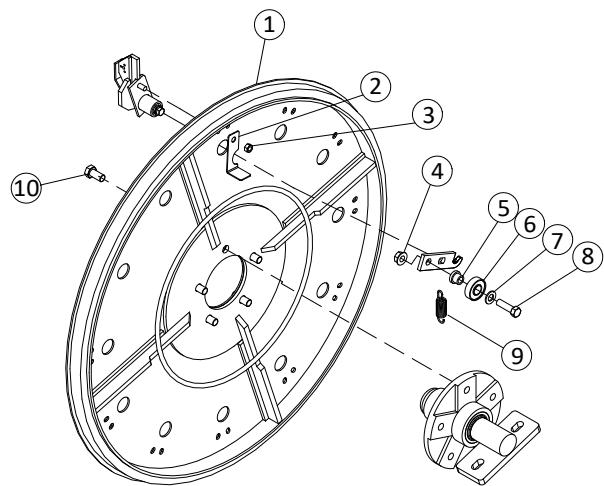
| Ref. | Part No. | Description |
|------|----------|--------------------------------|
| 1 | 380100 | Brass Sleeve W/I.Glide Bushing |
| 2 | 096241 | Brass Sleeve |
| 3 | 096240 | I.glide Bushing |
| 4 | 096242 | I.glide Bushing |



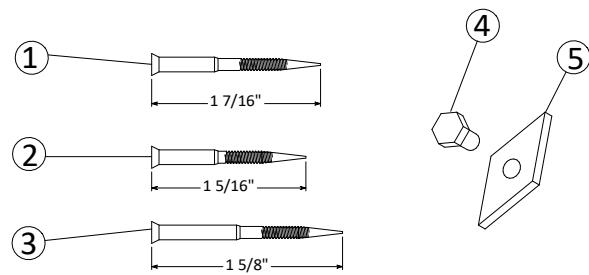
Wheel Spindle - Hub Assembly



Pick Wheel Assembly



Picks



Wheel Spindle - Hub Assembly
#350600

| Ref. | Part No. | Description |
|------|----------|--------------------------|
| 1 | 350610 | Spindle Mount Weldment |
| 2 | 95025 | SE - 11 Seal |
| 3 | 95020 | Tapered Bearing LM 67048 |
| 4 | 95069 | Bearing Cup LM 67010 |
| 5 | 90012 | HA 511 Hub with Cup |
| 6 | 95070 | Bearing Cup LM 11910 |
| 7 | 95019 | Tapered Bearing LM 11949 |
| 8 | 350612 | Castle Nut |
| 9 | 20827 | 5/32" X 1" Cotter Pin |
| 10 | 90013 | DC 12 Dust Cap (Planter) |

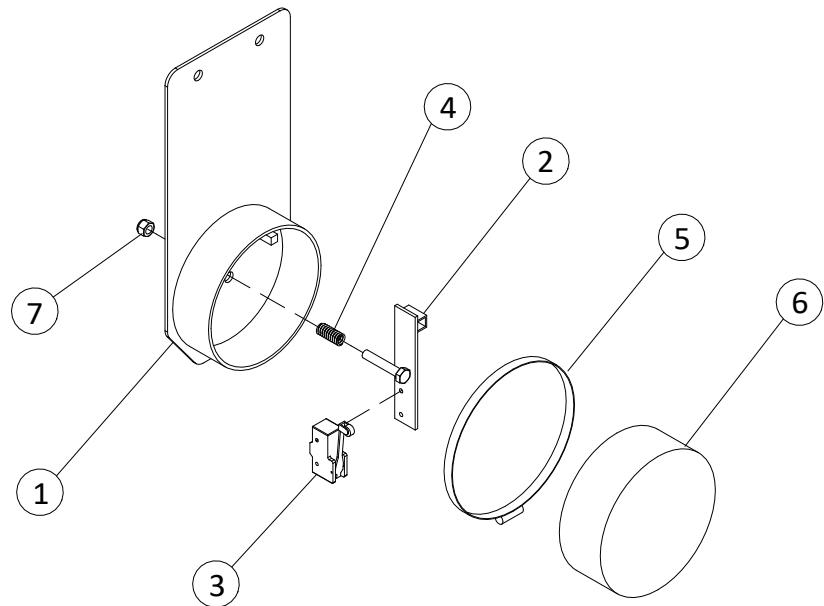
Pick Wheel Assembly
#380160 –Right
#380170 – Left

| Ref. | Part No. | Description |
|------|----------|------------------------------|
| 1 | 350510 | Picker Wheel Right |
| - | 350500 | Picker Wheel Right |
| 2 | 350517 | Trip Stop Flat Right |
| - | 350516 | Trip Stop Flat Left |
| 3 | 20422 | 5/16" Center Lock Nut |
| 4 | 20411 | 7/16" NF Flange Nut |
| 5 | 350916 | Trip Arm Spacer |
| 6 | 95105 | 1-9/16" O.D. Cam Bearing |
| 7 | 20520 | SAE 7/16" Washer 15/16" O.D. |
| 8 | 20023 | 7/16" X 1 1/2" NF Gr. 5 Bolt |
| 9 | 96150 | Planter Pick Arm Spring 1993 |
| 10 | 20051 | 1/2" X 1" NF Gr. 5 Bolt |

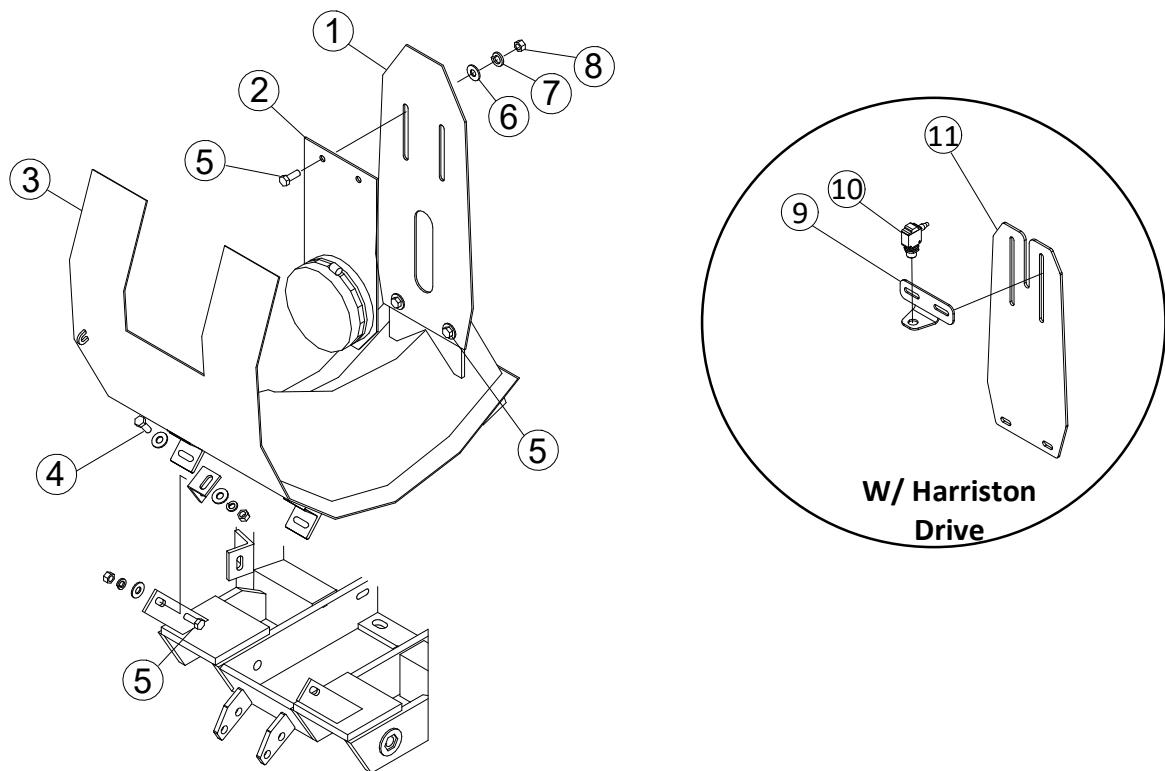
Picks

| Ref. | Part No. | Description |
|------|----------|----------------------------------|
| 1 | 96172 | 1-7/16" Harriston Pick |
| - | 96179 | 1-7/16" Harriston Stainless Pick |
| 2 | 96170 | 1-5/16" Harriston Pick |
| 3 | 96176 | 1-5/8" Harriston Pick |
| - | 96205 | 1-5/8" Harriston Stainless Pick |
| 4 | 20009 | 1/4" x 1/2" Gr. 5 Poly-Lock Bolt |
| 5 | 350410 | Pick Holder Flat |

Switch Assembly



Seed Bowl Assembly



Switch Assembly

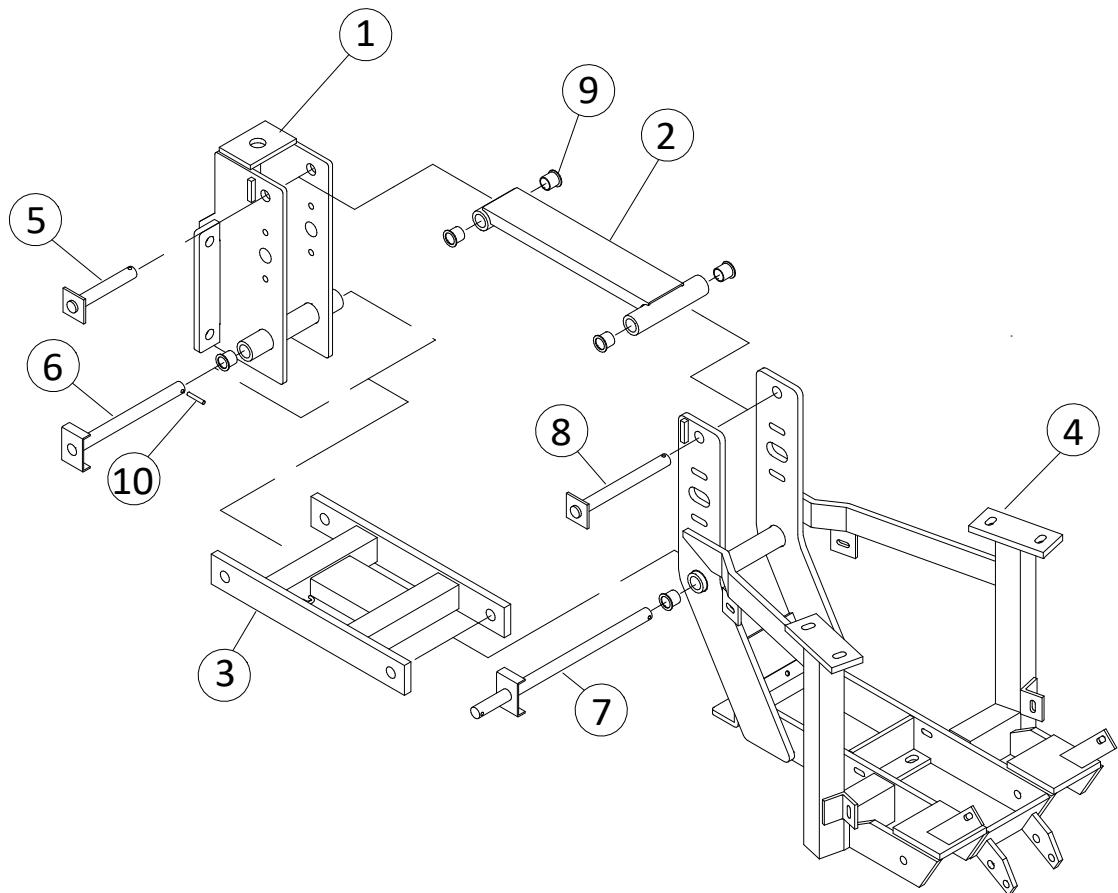
#360239

| Ref. | Part No. | Description |
|-------------|-----------------|--------------------------------------|
| 1 | 360241 | Switch Mount Bracket Weldment |
| 2 | 360243 | Switch Mount Hanger |
| 3 | 95450 | Microswitch, Roller |
| 4 | 95451 | Spring, 1.5" Compression |
| 5 | 96152 | Hose Clamp, 6" |
| 6 | 96232 | Switch Cover |

Seed Bowl Assembly

| Ref. | Part No. | Description |
|-------------|-----------------|-------------------------------------|
| 1 | 353585 | Switch Adjusting Plate |
| 2 | 360239 | Row Unit Switch Assembly |
| 3 | 353500 | Bowl Weldment |
| 4 | 350012 | Adjusting Mount Angle (Bowl) |
| 5 | 20029 | 3/8" X 1" bolt |
| 6 | 20513 | 3/8" Flat Washer |
| 7 | 20502 | 3/8" Lock Washer |
| 8 | 20402 | 3/8" Nut |
| 9 | 390120 | Sensor Adjusting Plate |
| 10 | 400082 | Ultrasonic Bowl Level Sensor |
| 11 | 353589 | Transmitter Sensor Mount |

Linkage Assembly

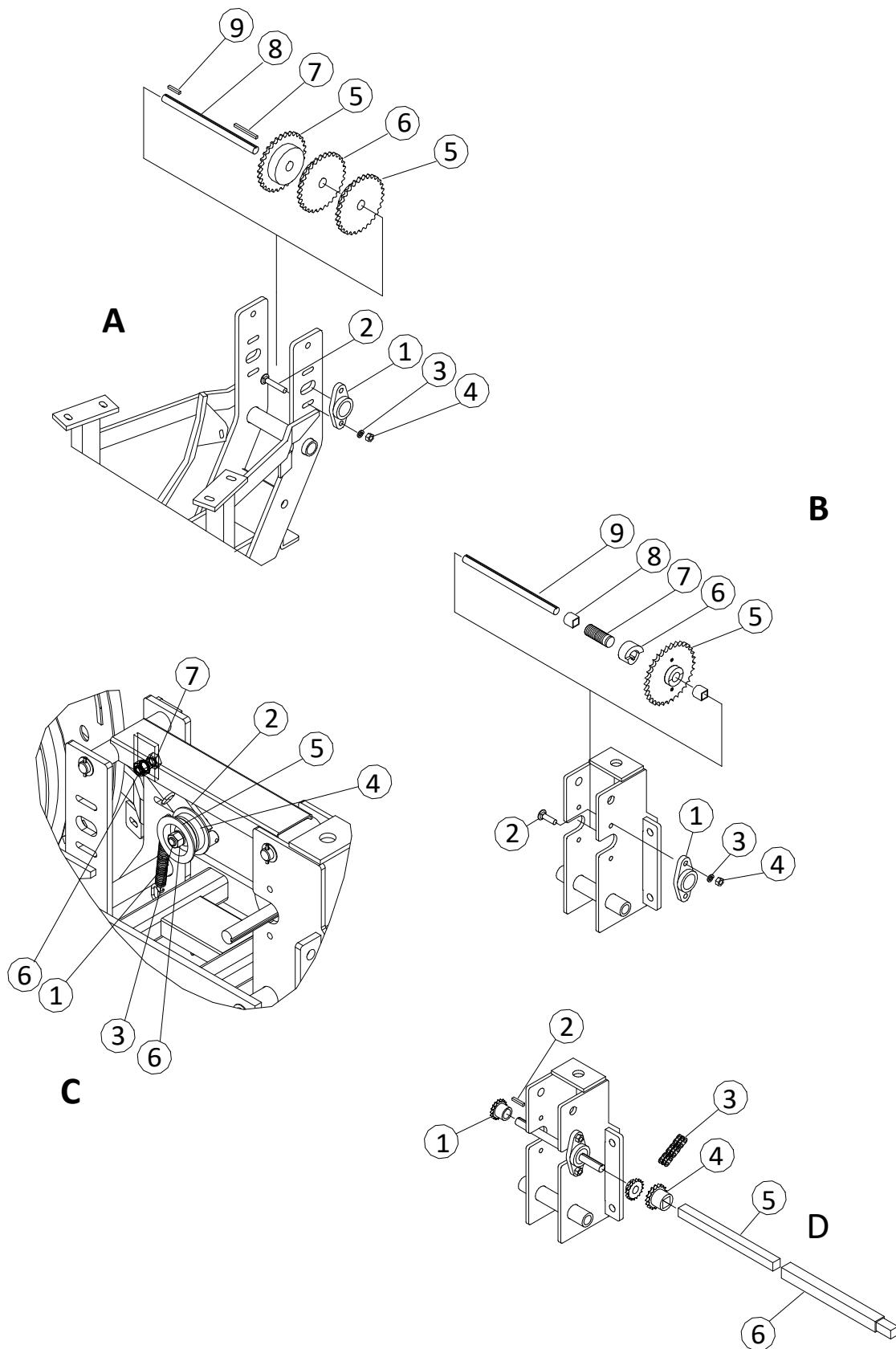


Linkage Assembly

#352940

| Ref. | Part No. | Description |
|-------------|-----------------|-------------------------------|
| 1 | 352950 | Front Linkage Weldment |
| 2 | 352965 | Top Linkage |
| 3 | 352960 | Lower Linkage |
| 4 | 352970 | Back Linkage Weldment |
| 5 | 352955 | Top Front Pin |
| 6 | 200230 | Lower Linkage Pin |
| 7 | 200240 | Lower Linkage Pin |
| 8 | 352975 | Top Rear Pin Weldment |
| 9 | 90167 | 1" x 7/8" Plastic Insert |
| 10 | 20965 | 1/4" x 1 1/2" spring Lock Pin |

Row Unit Drive



Row Unit Drive

| Ref. | Part No. | Description |
|------|----------|-------------------------------------|
| 1 | 96049 | 1" Flange Bearing Assy. w/ collar |
| 2 | 20645 | 7/16" X 1 1/2" Gr. 5 Carriage bolt |
| 3 | 20503 | 7/16" Lock Washer |
| 4 | 20403 | 7/16" Nut |
| 5 | 96036 | 6028 X 1" Fin. Bore w/ 2 set screws |

| Ref. | Part No. | Description |
|------|----------|------------------------------------|
| 6 | 96037 | 5025 X 1 Fin. Bore w/ 2 set screws |
| 7 | 351513 | 1/4" Keystock |
| 8 | 351080 | Unit Drive Shaft |
| 9 | 351072 | 1/4" Key Stock - 1 1/2" long |

A

| Ref. | Part No. | Description |
|------|----------|-----------------------------------|
| 1 | 96049 | 1" Flange Bearing Assy. w/ collar |
| 2 | 20465 | 7/16" X 1 1/2" Bolt |
| 3 | 20503 | 7/16" Lock Washer |
| 4 | 20403 | 7/16" Nut |
| 5 | 351060 | Over Running Hub with Sprocket |
| - | 351061 | Hub with washer |
| - | 351062 | 5032 Drilled Sprocket |

| Ref. | Part No. | Description |
|------|----------|------------------------|
| - | 20136 | 3/16 x 3/4 mach. Screw |
| - | 20545 | 3/16" Lock Washer |
| - | 20419 | 3/16" Nut |
| 6 | 351070 | Sliding Hub |
| 7 | 96008 | Spring Over-Riding |
| 8 | 352957 | Clutch Spacer Busing |
| 9 | 351080 | Unit Drive Shaft |

B

| Ref. | Part No. | Description |
|------|----------|------------------------|
| 1 | 96007 | Extension Spring |
| 2 | 352990 | Idler Weldment 2003 |
| 3 | 20124 | 5/8" X 2 3/4" Bolt |
| 4 | 351087 | Pivot Idler Arm Spacer |

| Ref. | Part No. | Description |
|------|----------|-----------------------|
| 5 | 96106 | Chain Idler 5/8" Bore |
| 6 | 20427 | 5/8" Center Lock Nut |
| 7 | 20064 | 5/8" x 1-1/2" Bolt |

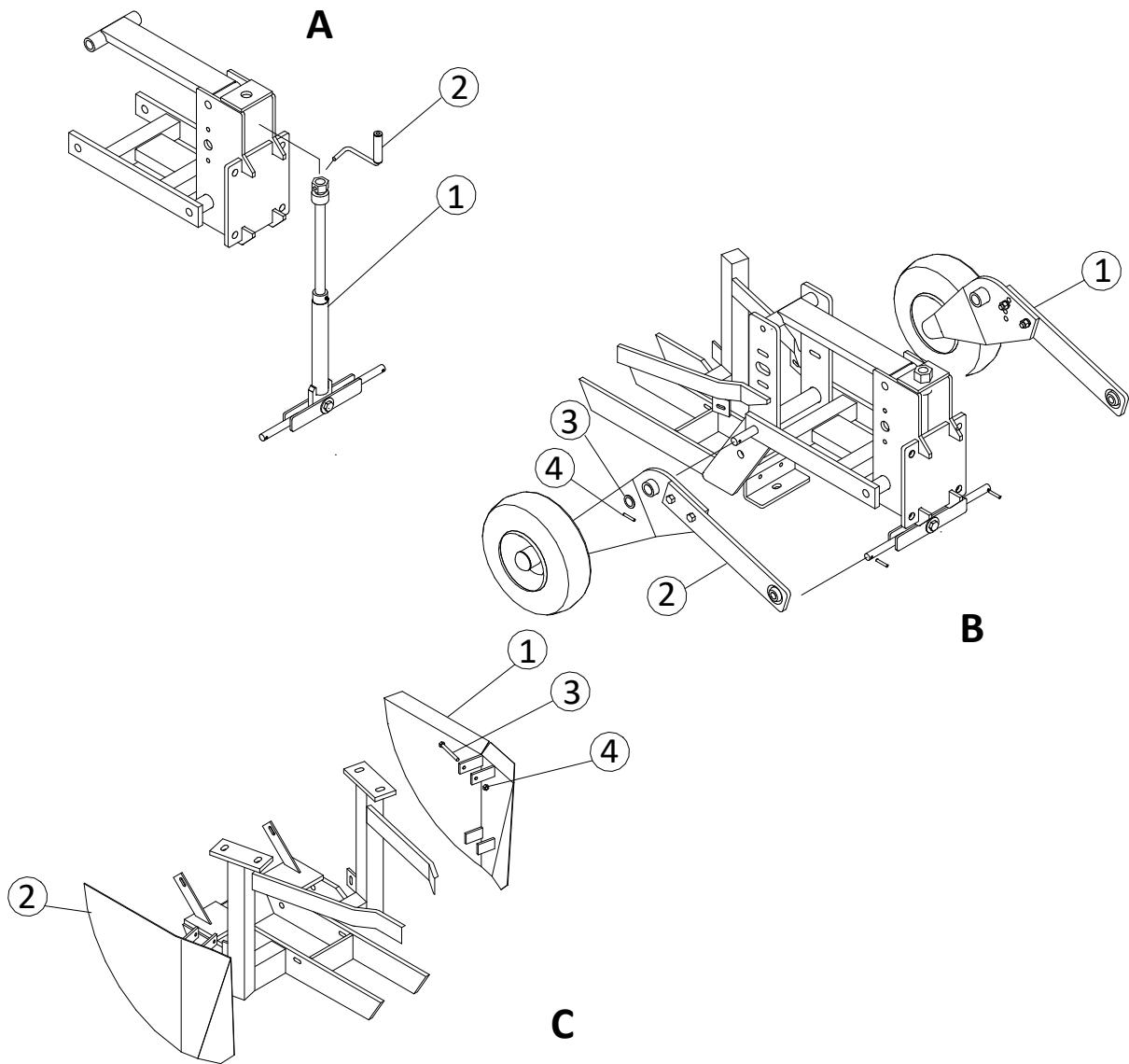
C

| Ref. | Part No. | Description |
|------|----------|-------------------------------|
| 1 | 96042 | 4018 X 1" Fin. Bore Sprocket |
| 2 | 351072 | 1/4" Keystock - 1 1/2" long |
| 3 | 354555 | Sprocket Coupler Chain |
| - | 96064 | #40 Double Connector Link |
| 4 | 354550 | Square Coupler Drive Sprocket |

| Ref. | Part No. | Description |
|------|----------|------------------------|
| 5 | 354525 | Unit Drive Shaft Long |
| - | 354540 | Unit Drive Shaft Short |
| 6 | 354520 | Unit Drive Tube Long |
| - | 354530 | Unit Drive Tube Short |

D

Row Unit Assembly



Row Unit Assembly

Gauge Wheel Adjuster

| Ref. | Part No. | Description |
|------|----------|--|
| 1 | 351245 | Gauge Wheel Adj. Screw Assembly 15" Long |
| 2 | 351240 | Gauge Wheel Crank |

A

Gauge Wheels

| Ref. | Part No. | Description |
|------|----------|---------------------------------------|
| 1 | 351980 | Adjustable Depth Wheel Left Assembly |
| 2 | 351985 | Adjustable Depth Wheel Right Assembly |
| 3 | 21334 | 7/8" narrow Gauge Bushing |
| 4 | 20965 | 1/4" X 1 1/2" Spring Lock Pin Plain |

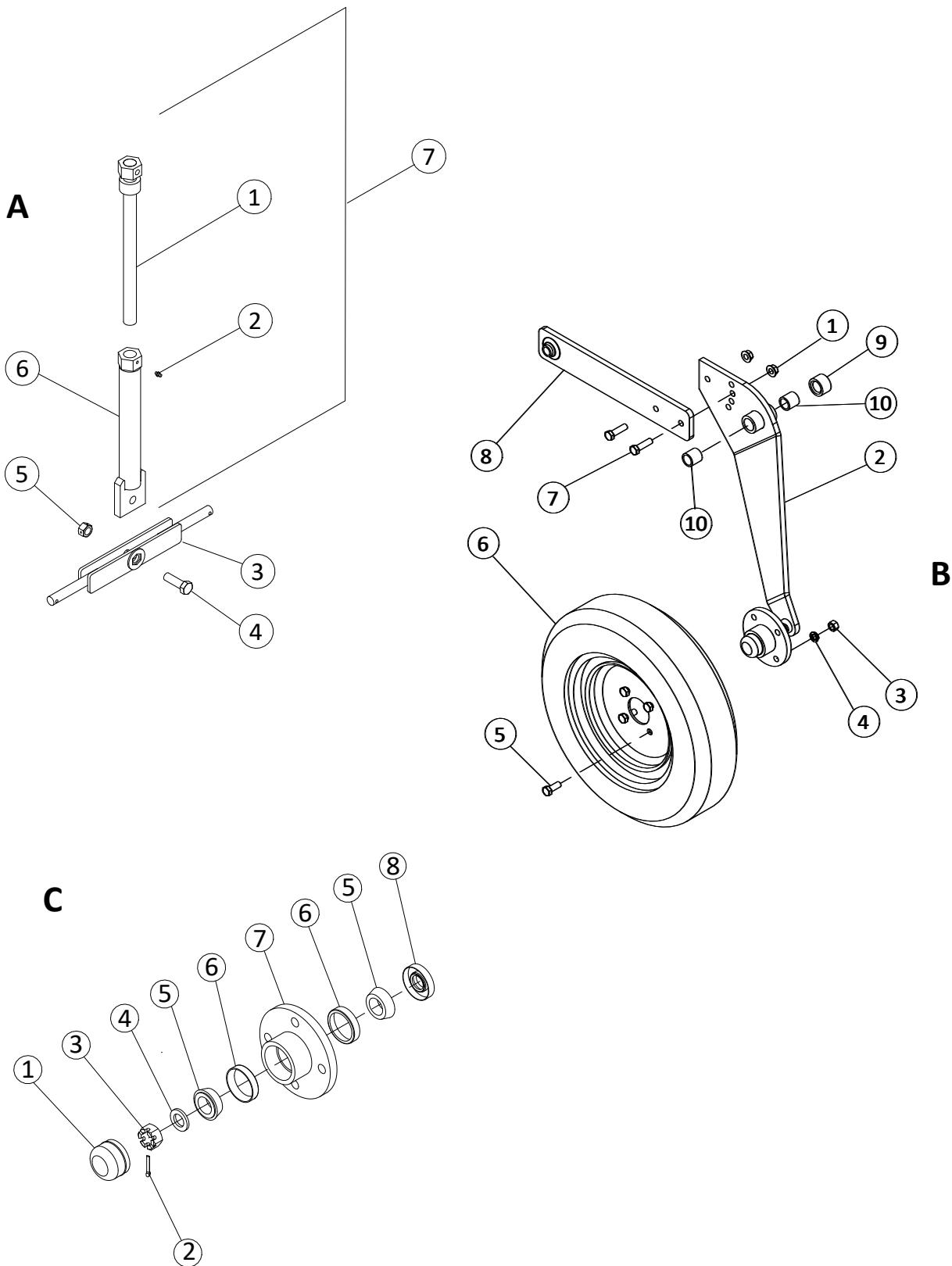
B

Shields

| Ref. | Part No. | Description |
|------|----------|---------------------------|
| 1 | 351190 | Picker Wheel Shield Left |
| 2 | 351195 | Picker Wheel Shield Right |
| 3 | 20020 | 5/16" X 3" NC Gr. 5 Bolt |
| 4 | 20422 | 5/16" Center Lock Nut |

C

Row Unit Gauge Wheel Assembly



Row Unit Gauge Wheel Assembly

| Ref. | Part No. | Description |
|------|----------|----------------------------|
| 1 | 270295 | Adjusting Screw w/ Nut 15" |
| 2 | 95036 | 1/4"-28 Straight Zerk |
| 3 | 351228 | Pivot Weldment 2002 |
| 4 | 20065 | 5/8" X 2" NC Gr. 5 Bolt |

| Ref. | Part No. | Description |
|------|----------|--------------------------|
| 5 | 20427 | 5/8" Self-Lock Nut |
| 6 | 351225 | Upright Tube |
| 7 | 402520 | Adjusting Screw Assembly |

A

| Ref. | Part No. | Description |
|------|----------|---------------------------------|
| 1 | 20505 | 1/2" Flange Nut |
| 2 | 351990 | Adjustable Depth Wheel Left |
| NS | 351995 | Adjustable Depth Wheel Right |
| - | 351970 | Weldment- Depth Wheel Arm Left |
| - | 351975 | Weldment- Depth Wheel Arm Right |
| 3 | 20405 | Nut, 1/2" NF |
| 4 | 20504 | 1/2" Lock Washer |

| Ref. | Part No. | Description |
|------|----------|----------------------------------|
| 5 | 21400 | WB 10 Wheel Bolt |
| 6 | 96227 | Tire, Rim Assembly 4.8 x 8 |
| 7 | 20152 | 1/2" x 1-3/4" NC Gr. 5 Bolt |
| 8 | 351302 | Adjustable Depth Wheel Side Flat |
| 9 | 390141 | Spacer, Gauge Wheel |
| NS | 390151 | Spacer, Gauge Wheel (34" Rows) |
| 10 | 94269 | Bushing, 7/8 ID x 1-1/8" |

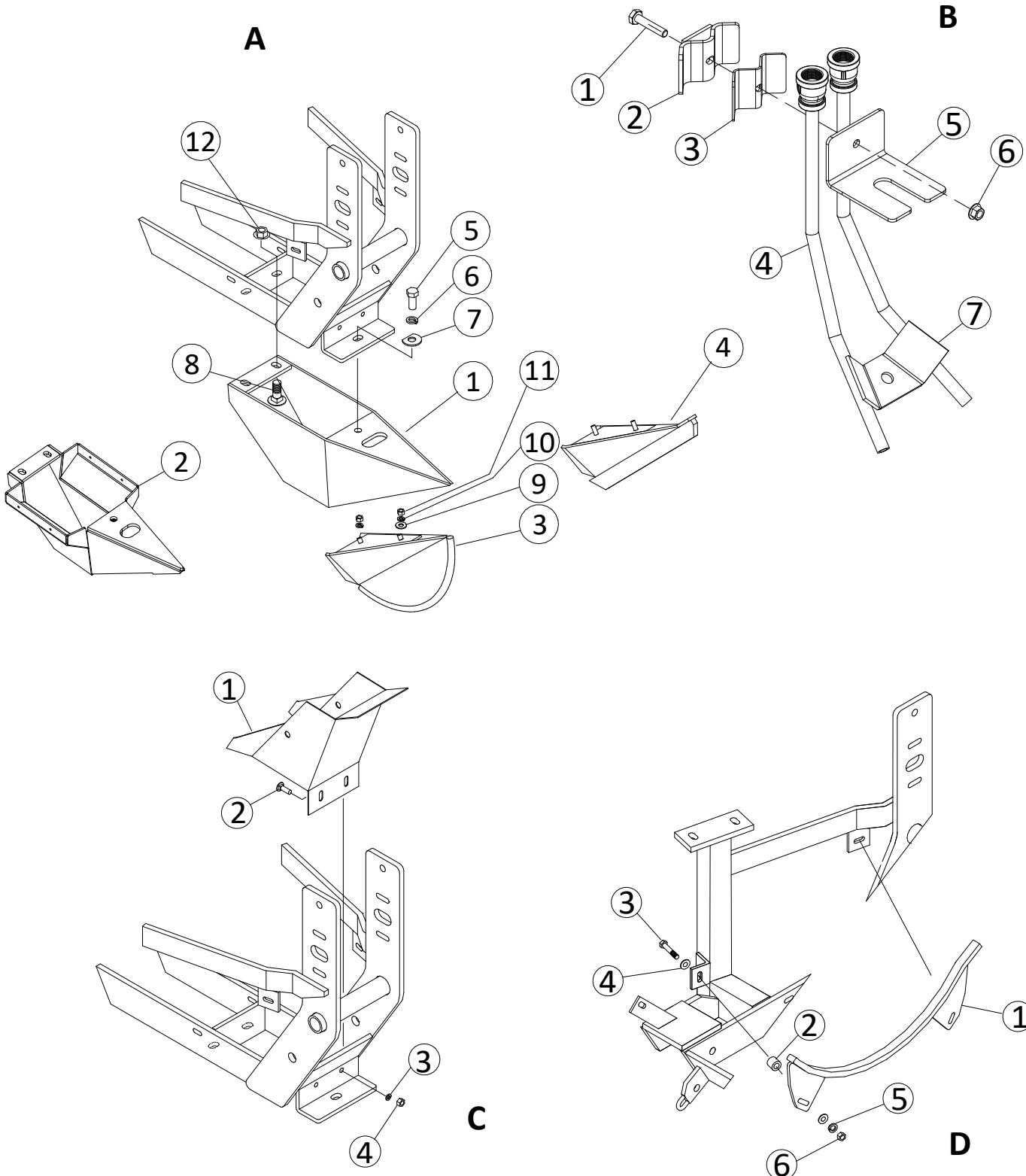
B

| Ref. | Part No. | Description |
|------|----------|-----------------------------|
| 1 | 96204 | Dust Cap, DC-11 (1.980) |
| 2 | 20827 | Cotter Pin, 5/32" x 1" |
| 3 | 20490 | Nut, 3/4" NF Slotted Plain |
| 4 | 21314 | Bushing, 0.75" Narrow 10 Ga |

| Ref. | Part No. | Description |
|------|----------|--------------------------------|
| 5 | 82166 | Bearing Cone L44643 |
| 6 | 82165 | Bearing Cup LM44610 |
| 7 | 357625 | Fertilizer Disc Hub w/ Cup |
| 8 | 96203 | Oil Seal, 471750 (1-1/4 Shaft) |

C

Row Unit Assembly



Row Unit Assembly

Shoe

| Ref. | Part No. | Description |
|------|----------|-----------------------------|
| 1 | 351910 | Upper Shoe, Std. |
| 2 | 351925 | Upper Shoe, Harriston Drive |
| 3 | 351900 | Lower Shoe, Std. |
| - | 351920 | Lower Shoe, std. Chromed |
| 4 | 357725 | Lower Shoe, Angle |
| - | 357775 | Lower Shoe, Angle Chromed |
| 5 | 20065 | 5/8" X 2" NC Gr. 5 Bolt |

| Ref. | Part No. | Description |
|------|----------|-----------------------------------|
| 6 | 20506 | 5/8" Lock washer |
| 7 | 20536 | 5/8" ZP Flat Washer |
| 8 | 20758 | 5/8" X 1 1/2" Gr. 5 Carriage Bolt |
| 9 | 20513 | 3/8" Flat Washers |
| 10 | 20502 | 3/8" Lock Washer |
| 11 | 20402 | 3/8" Nut |
| 12 | 20476 | 5/8" NC Flange Nut |

A

Liquid Fertilizer Tube Package (Bolt-on)

#400868

| Ref. | Part No. | Description |
|------|----------|---------------------------------------|
| 1 | 20003 | Bolt, 1/4 x 1-1/4" |
| 2 | 400896 | Tube Mount Strap |
| 3 | 400899 | Tube Strap Rubber |
| 4 | 400866 | Fertilizer Tube w/ Fitting (Vertical) |

| Ref. | Part No. | Description |
|------|----------|------------------------|
| 5 | 400863 | Mount Plate (Vertical) |
| 6 | 20475 | Flange Nut, 1/4" |
| 7 | 400869 | Lower Tube Strap, Pick |
| | | |

B

Chute

| Ref. | Part No. | Description |
|------|----------|--------------------------|
| 1 | 353580 | Bowl Chute |
| 2 | 20757 | 5/16" X 1" Carriage Bolt |
| 3 | 20501 | 5/16" Lock Washer |
| 4 | 20401 | 5/16" NC Nuts |

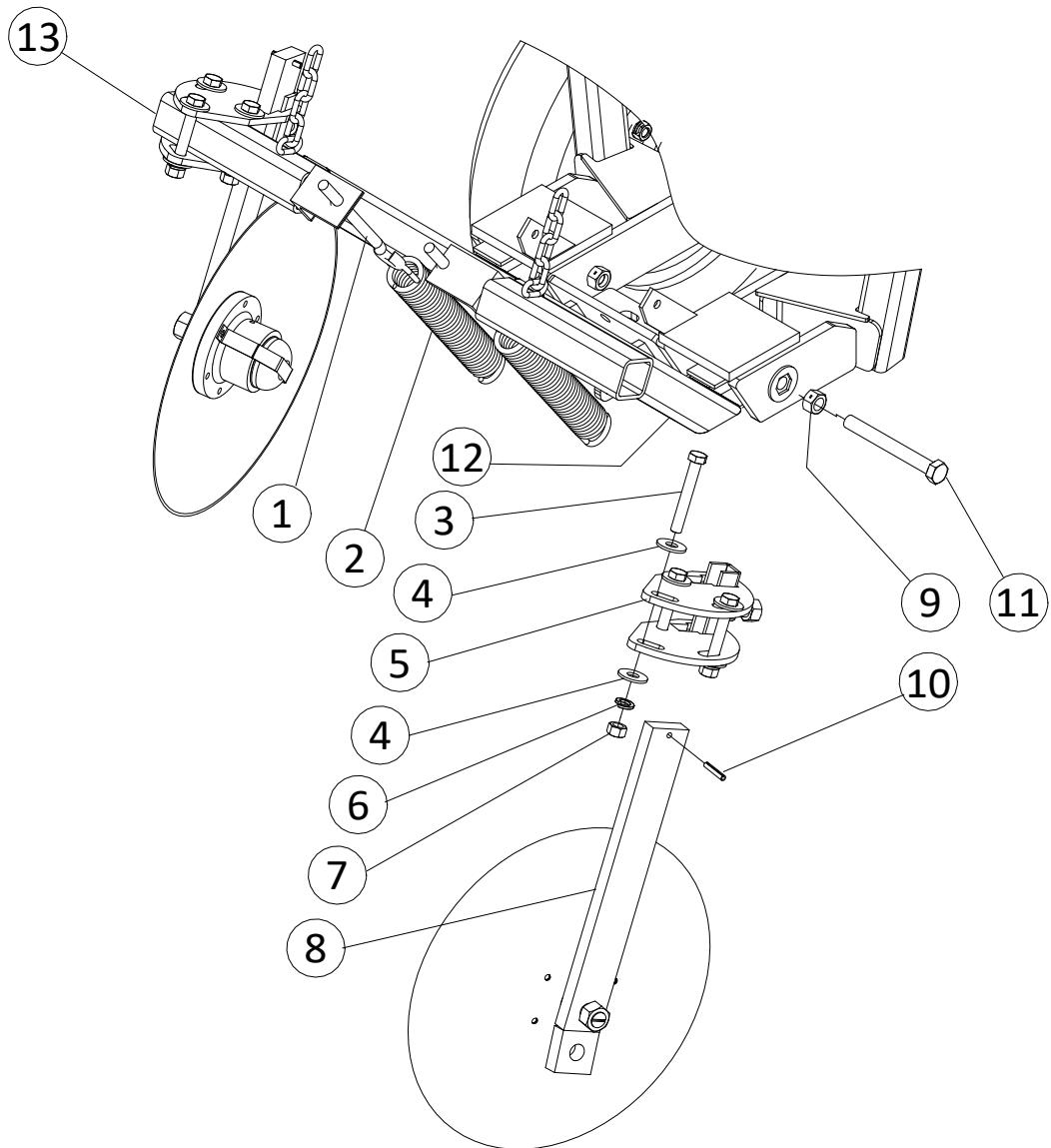
C

Cam

| Ref. | Part No. | Description |
|------|----------|-------------------------|
| 1 | 350650 | Wheel Cam Arm |
| 2 | 350660 | 3/4" Cam Mount Spacer |
| 3 | 20031 | 3/8" X 2" NC Gr. 5 Bolt |

| Ref. | Part No. | Description |
|------|----------|------------------|
| 4 | 20513 | 3/8" Flat Washer |
| 5 | 20502 | 3/8" Lock Washer |
| 6 | 20402 | 3/8" NC Nut |

Closing Disc Clamp Assembly

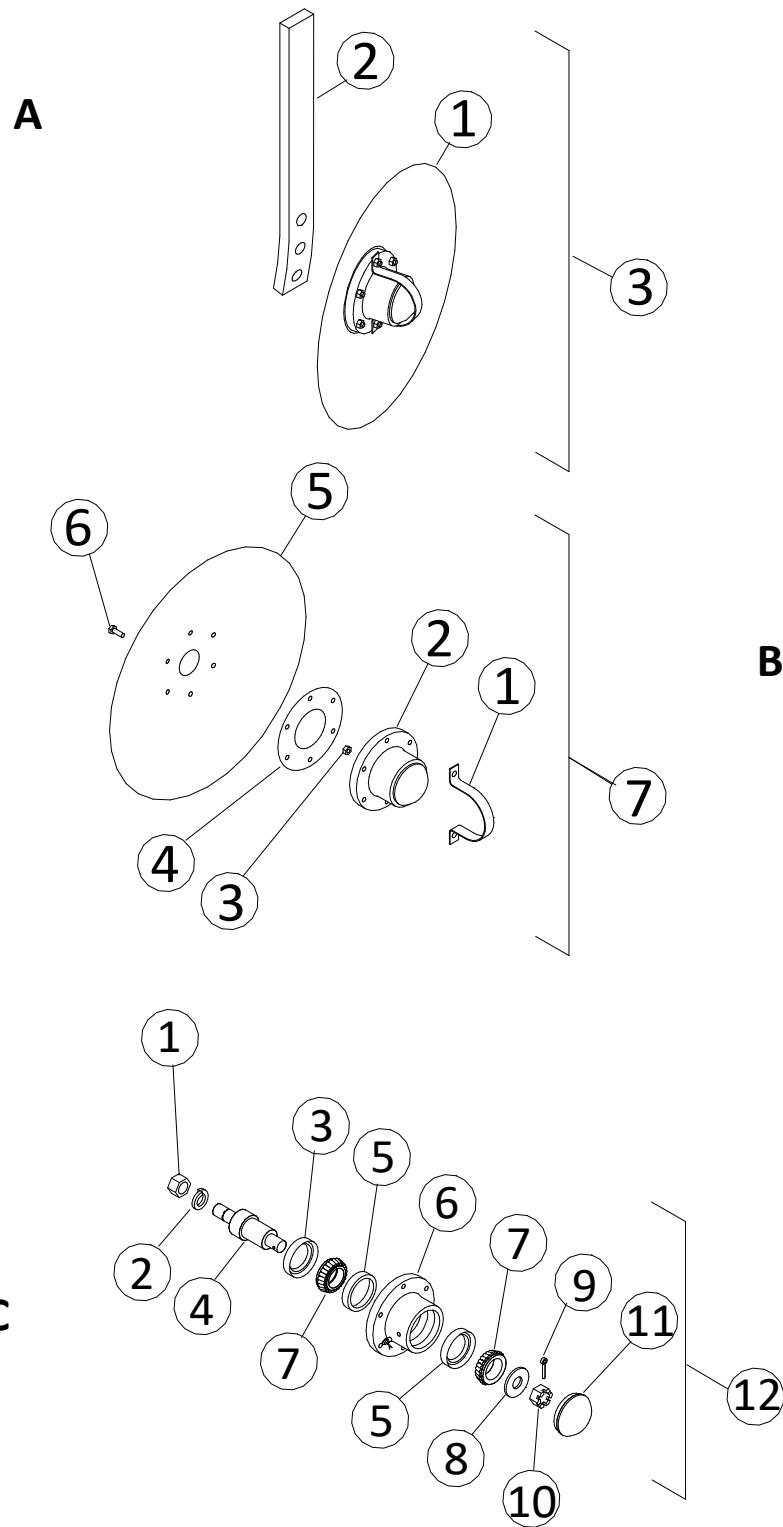


Closing Disc Clamp Assembly

| Ref. | Part No. | Description |
|-------------|-----------------|--|
| 1 | 300701 | Eyebolt, $\frac{1}{2}$ x 8" |
| 2 | 300600 | Spring, Closing Disc |
| 3 | 20057 | Bolt, $\frac{1}{2}$ " x 3- $\frac{1}{2}$ " |
| 4 | 20515 | Washer, $\frac{1}{2}$ " |
| 5 | 211930 | Clamp, Disc |
| - | 401135 | Clamp, Heavy Disc |
| 6 | 20504 | Lock Washer, $\frac{1}{2}$ " |
| 7 | 20404 | Nut, $\frac{1}{2}$ " |
| 8 | 211840 | Disc with Shank Standard (Single) 16" |
| - | 401127 | Heavy Disc Package (Pair) 18" |

| Ref. | Part No. | Description |
|-------------|-----------------|---|
| - | 401128 | Heavy Notched Disc Package (Pair) |
| 10 | 20965 | Pin, Spring Lock $\frac{1}{4}$ " x 1- $\frac{1}{2}$ " |
| 11 | 20072 | Bolt, $\frac{5}{8}$ " x 5- $\frac{1}{2}$ " |
| 12 | 351690 | Closing Disc Arm Assembly, Right |
| - | 351650 | Closing Disc Arm Weldment, Right |
| NS | 90154 | Bushing, Closing Disc Pivot |
| 13 | 351680 | Closing Disc Arm Assembly, Left |
| - | 351600 | Closing Disc Arm Weldment, Left |
| NS | 90154 | Bushing, Closing Disc Pivot |

Closing Disc Assembly



Closing Disc Assembly

| Ref. | Part No. | Description |
|------|----------|---|
| 1 | 211845 | Disc w/ Hub (Double Bearing) |
| 2 | 211660 | Hiller Shank Painted |
| 3 | 211840 | Disc Assembly with Shank (Double Bearing) |

A

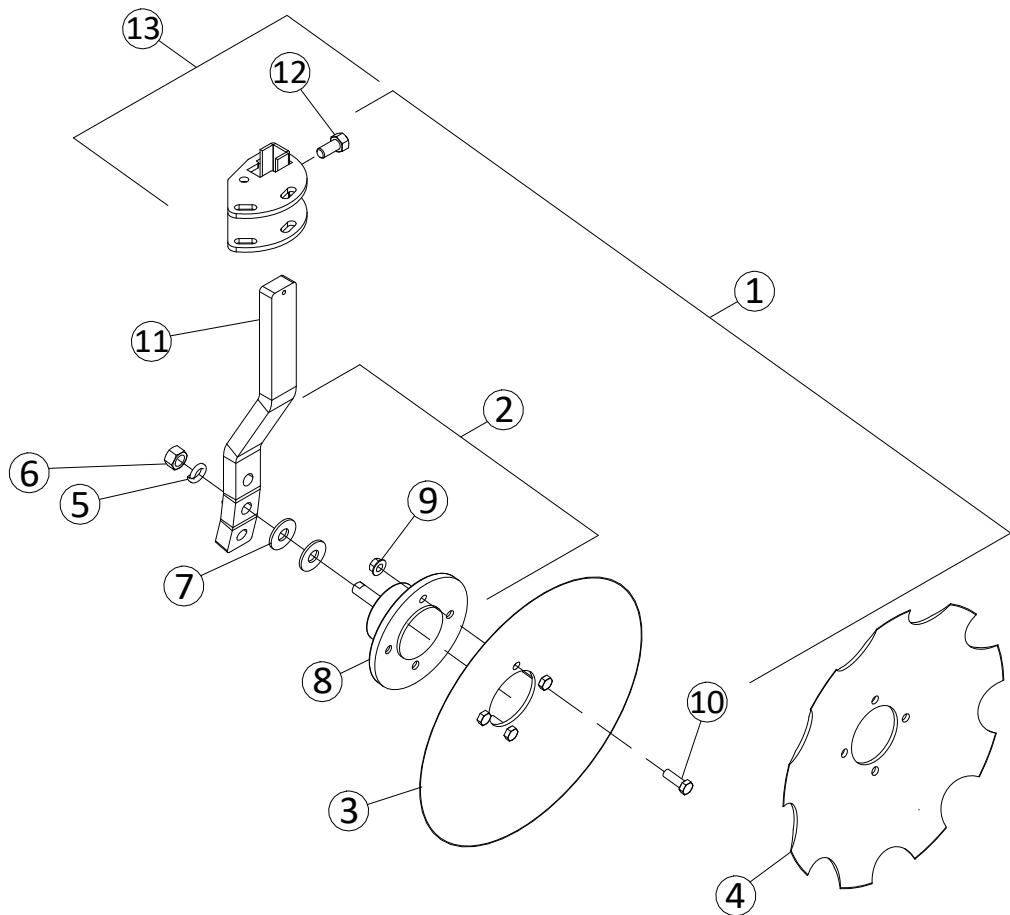
| Ref. | Part No. | Description |
|------|----------|--------------------------------|
| 1 | 211876 | Double Bearing Dust Cap Strap |
| 2 | 90210 | Hiller Hub with Race |
| 3 | 20421 | Centerlock Nut, 1/4" |
| 4 | 95045 | Flange Gasket |
| 5 | 90024 | Disc, 16" Concave (Hillers) |
| 6 | 20003 | Bolt, 1/4" X 1-1/4" |
| 7 | 211845 | Disc with Hub (Double Bearing) |

B

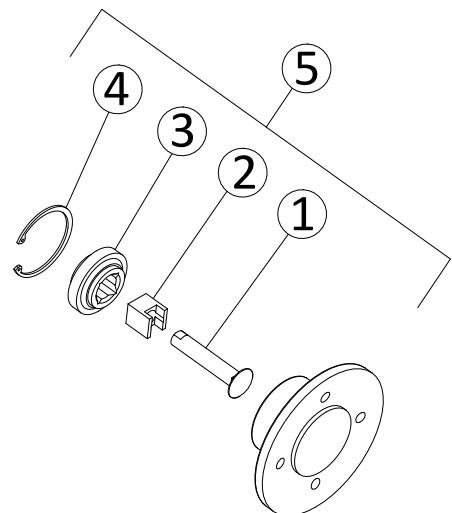
| Ref. | Part No. | Description |
|------|----------|--------------------------------------|
| 1 | 20415 | Nut, 3/4" NF |
| 2 | 20507 | Lock Washer, 3/4" |
| 3 | 95115 | Double Lip Seal |
| 4 | 95020 | Hiller Disc Spindle |
| 5 | 95069 | Bearing Cup LM 67010 |
| 6 | 90210 | Hiller Hub with Race |
| 7 | 95020 | Tapered Bearing LM 67048 Cone |
| 8 | 20517 | Washer, 3/4" |
| 9 | 20827 | Cotter Pin , 5/32" X 1" |
| 10 | 20490 | Castle Nut, 3/4" NF |
| 11 | 90015 | Dust Cap (DC-13) |
| 12 | 211870 | Hiller Hub Assembly (Double Bearing) |

C

Heavy Closing Disc Assembly



Heavy Closing Disc Hub Assembly



Heavy Closing Disc
#401127 – Heavy Closing Disc Assembly
#401128 – Heavy Notched Closing Disc Assembly

| Ref. | Part No. | Description |
|------|----------|---|
| 1 | 401127 | Heavy Closing Disc Package (Pair) |
| - | 401128 | Heavy Closing Disc Notched Package (Pair) |
| 2 | 401126 | Heavy Hub Assembly w/ 1" Shank |
| 3 | 96410 | 18" Heavy Hiller Disc 4 Hole |
| 4 | 96415 | 18" Heavy Hiller Disc Notched 4 Hole |
| 5 | 20507 | Lock Washer, 3/4" |
| 6 | 20407 | Nut, 3/4" |

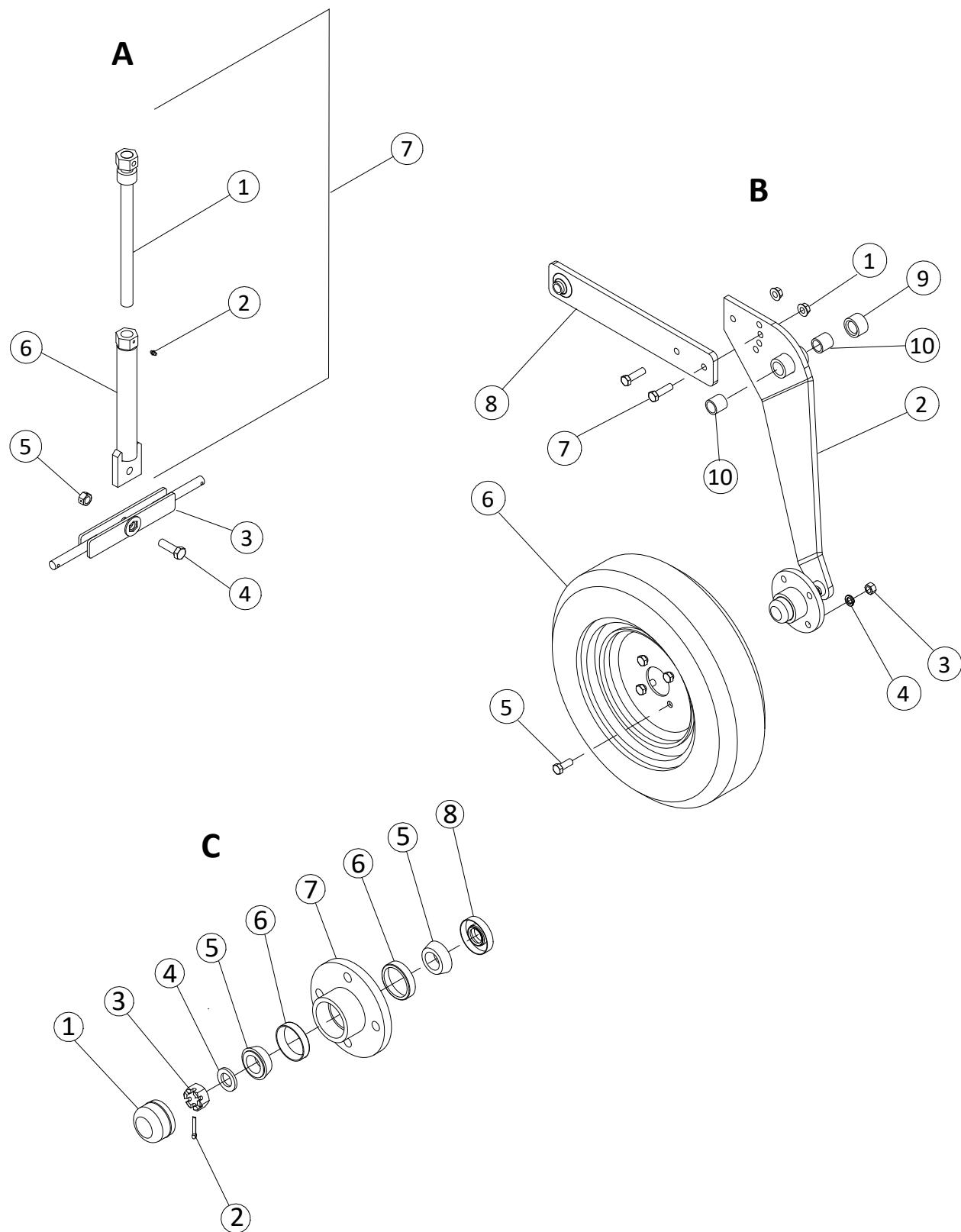
| Ref. | Part No. | Description |
|------|----------|------------------------------------|
| 7 | 20517 | Washer, 3/4" |
| 8 | 96411 | Heavy Hub Assembly |
| 9 | 20505 | Flange Nut, 1/2" |
| 10 | 20052 | Bolt, 1/2" x 1-1/2" |
| 11 | 401107 | Hiller Shank - 1" |
| 12 | 101602 | Set Screw, 5/8" x 2" |
| 13 | 401135 | 1" Hiller Shank Mount w/ Set Screw |

Heavy Closing Disc Hub
#96411

| Ref. | Part No. | Description |
|------|----------|-----------------------------------|
| 1 | 401121 | Carriage Bolt w/ Flats |
| - | 96417 | Carriage Bolt w/ Flats |
| 2 | 401129 | Carriage Bolt Square Bore Adapter |

| Ref. | Part No. | Description |
|------|----------|-----------------------------------|
| 3 | 96146 | Heavy Hub Bearing |
| 4 | 96418 | Retaining Ring |
| 5 | 96411 | Heavy Closing Disc Hub (Complete) |

Row Unit Gauge Wheel Assembly



Row Unit Gauge Wheel Assembly

| Ref. | Part No. | Description |
|------|----------|----------------------------|
| 1 | 270295 | Adjusting Screw w/ Nut 15" |
| 2 | 95036 | 1/4"-28 Straight Zerk |
| 3 | 351228 | Pivot Weldment |
| 4 | 20065 | Bolt 5/8" X 2" |

A

| Ref. | Part No. | Description |
|------|----------|---------------------------------|
| 1 | 20505 | Flange Nut, 1/2" |
| 2 | 351990 | Adjustable Depth Wheel Left |
| NS | 351995 | Adjustable Depth Wheel Right |
| - | 351970 | Weldment- Depth Wheel Arm Left |
| - | 351975 | Weldment- Depth Wheel Arm Right |
| 3 | 20405 | Nut, 1/2" NF |
| 4 | 20504 | Lock Washer, 1/2" |
| 5 | 21400 | WB 10 Wheel Bolt |

B

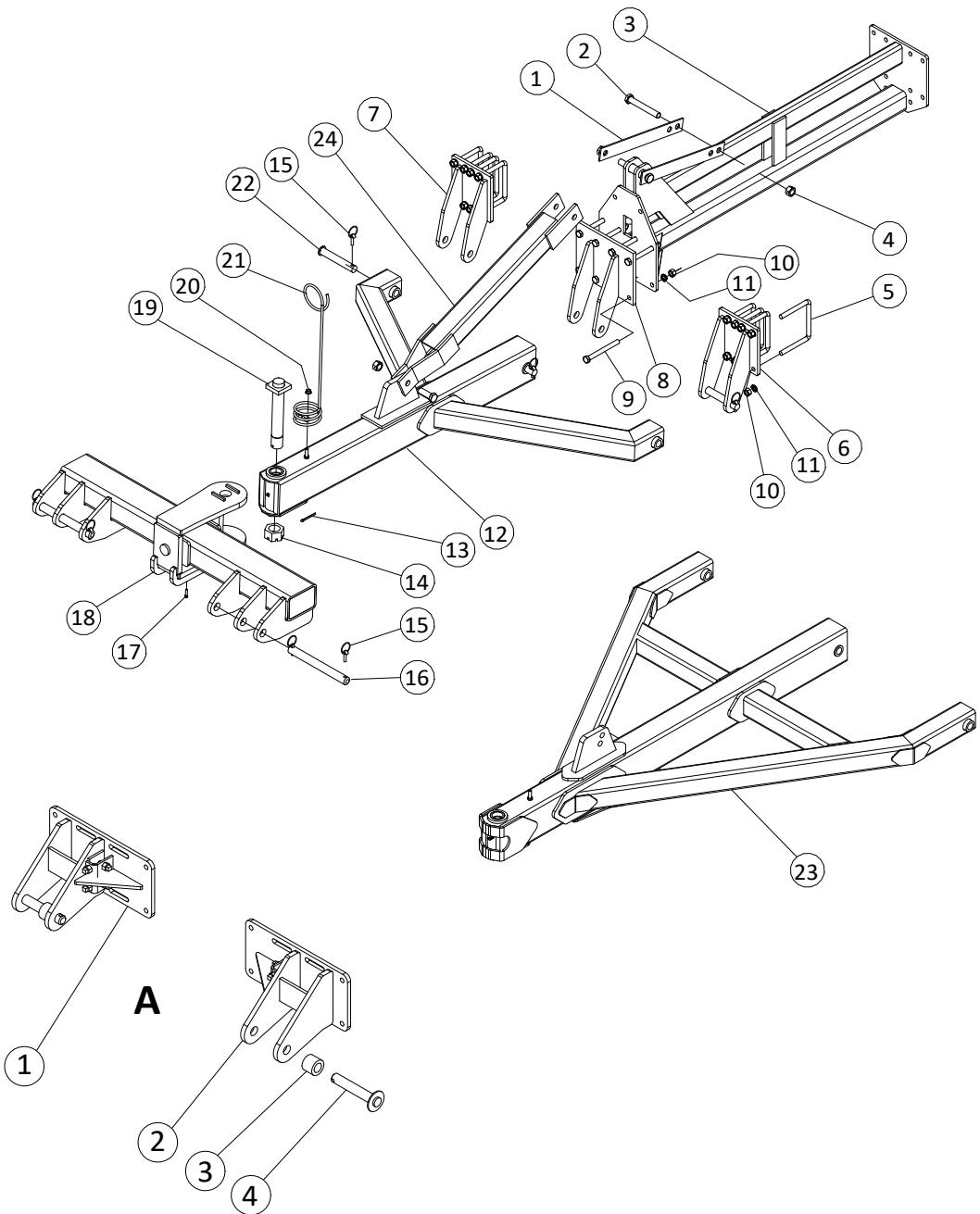
| Ref. | Part No. | Description |
|------|----------|----------------------------------|
| 6 | 96227 | Tire, Rim Assembly 4.8 x 8 |
| - | 97042 | Tire Rim Assembly, 4.8 x 12 |
| 7 | 20152 | Bolt, 1/2" x 1-3/4" |
| 8 | 351302 | Adjustable Depth Wheel Side Flat |
| 9 | 390141 | Spacer, Gauge Wheel |
| NS | 390151 | Spacer, Gauge Wheel (34" Rows) |
| 10 | 94269 | Bushing, 7/8" ID x 1-1/8" |

C

| Ref. | Part No. | Description |
|------|----------|-----------------------------|
| 1 | 96204 | Dust Cap, DC-11 (1.980) |
| 2 | 20827 | Cotter Pin, 5/32" x 1" |
| 3 | 20490 | Nut, 3/4" NF Slotted Plain |
| 4 | 21314 | Bushing, 0.75" Narrow 10 Ga |

| Ref. | Part No. | Description |
|------|----------|--------------------------------|
| 5 | 82166 | Bearing Cone L44643 |
| 6 | 82165 | Bearing Cup LM44610 |
| 7 | 357625 | Fertilizer Disc Hub w/ Cup |
| 8 | 96203 | Oil Seal, 471750 (1-1/4 Shaft) |

Planter Hitches



Pole Hitches

- #354186 – 4 Row Pole Hitch
- #354188 – 4 Row Long Pole
- #354187 – 6 & 8 Row Hitch

| Ref. | Part No. | Description |
|------|----------|---|
| 1 | 353810 | Flat, Planter Pole Lock-Up |
| 2 | 20108 | Bolt, 1" x 7" |
| 3 | 352050 | Crossmember, Pick/Clamp |
| 4 | 20430 | Centerlock Nut, 1" |
| 5 | 21018 | U-Bolt, $\frac{3}{4}$ " x 7" x 6- $\frac{1}{2}$ " |
| 6 | 354030 | Hitch Mount, Left |
| 7 | 354035 | Hitch Mount, Right |
| 8 | 352070 | Hitch Mount, Center |
| 9 | 20091 | Bolt, $\frac{3}{4}$ " x 7- $\frac{1}{2}$ " |
| 10 | 20407 | Nut, $\frac{3}{4}$ " |
| 11 | 20507 | Lock Washer, $\frac{3}{4}$ " |
| 12 | 400600 | Hitch, 4 Row Planter Standard |
| NS | 400628 | Hitch, 4 Row Planter Long |

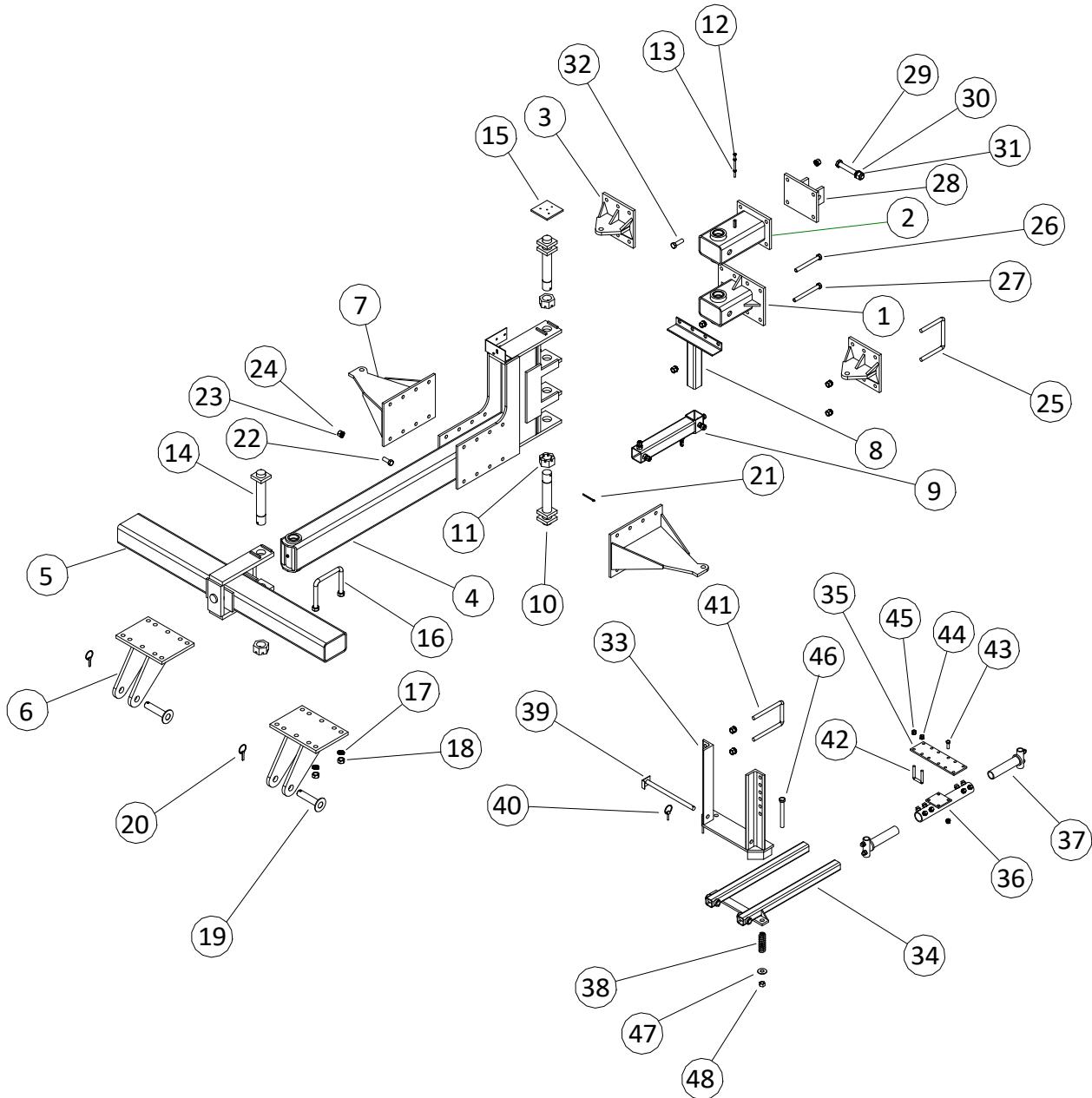
| Ref. | Part No. | Description |
|------|----------|--------------------------------|
| 13 | 20829 | Cotter Pin, $\frac{1}{4}$ x 3" |
| 14 | 354142 | Castle Nut, 2" NF |
| 15 | 95032 | Lynch Pin, 7/16" |
| 16 | 42029-00 | Pin, Headless |
| 17 | 95059 | Zerk, Long 1/8" NPT Elbow |
| 18 | 402458 | Swivel Bar, 2 Pt |
| 19 | 354140 | Pin, 2 Pt Vertical |
| 20 | 20505 | Flange Nut, $\frac{1}{2}$ " |
| 21 | 355620 | Hydraulic Hose Support |
| 22 | 354085 | Pin, 1- $\frac{1}{4}$ " Hitch |
| 23 | 400575 | Hitch, 6-8 Row Planter |
| 24 | 354210 | Hitch Brace, 4 Row |
| NS | 352060 | Hitch Brace, 6-8 Row |

Semi Mount Hitch

| Ref. | Part No. | Description |
|------|----------|----------------------------|
| 1 | 354175 | Hitch, Mount Right |
| 2 | 354170 | Hitch, Mount Left |
| 3 | 354176 | Bushing, Semi-Mount Spacer |
| 4 | 354180 | Pin, Semi-Mount |

A

Steerable Hitch Package
#402300



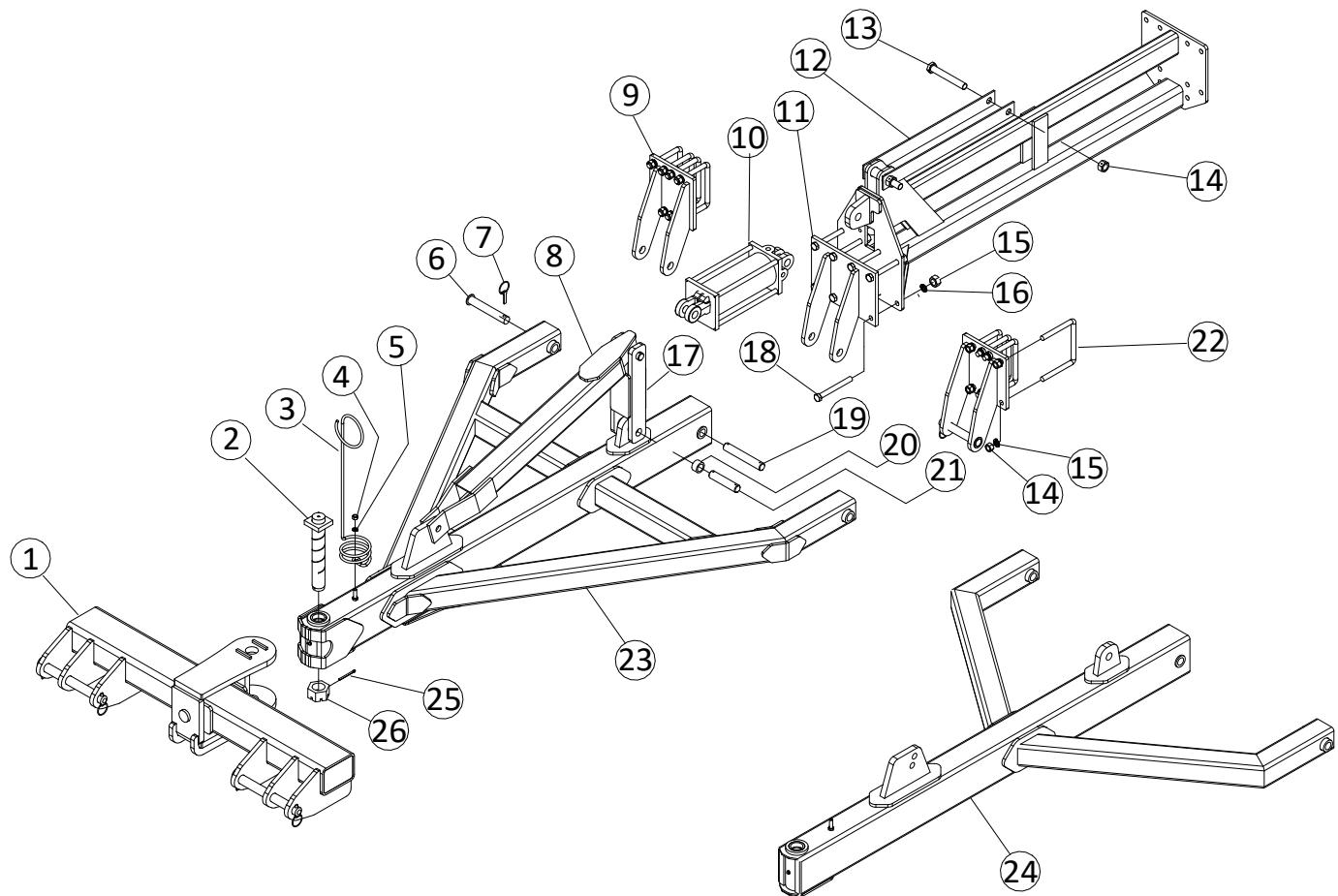
Steerable Hitch Package

#403200

| Ref. | Part No. | Description |
|-------------|-----------------|--------------------------------|
| 1 | 403095 | Lower Hitch Mount Weldment |
| 2 | 403085 | Upper Hitch Mount Weldment |
| 3 | 403065 | Toolbar Cylinder Weldment |
| 4 | 403120 | Hitch Weldment |
| 5 | 403130 | 2 Point Pole Swivel Bar |
| 6 | 364860 | 12 Row Marker 2 Point Weldment |
| 7 | 403125 | Hitch Ear Weldment |
| 8 | 403135 | Frame Drop Tube Weldment |
| 9 | 403140 | Side Tube Weldment |
| 10 | 403145 | Vertical 2 Point Pin Weldment |
| 11 | 354142 | Slotted Nut, 2" NF |
| 12 | 403128 | Threaded Rod, 5/16" x 6" |
| 13 | 20401 | Nut, 5/16" |
| 14 | 354140 | Vertical 2 Point Pin Weldment |
| 15 | 403060 | Indicator Weldment |
| 16 | 21030 | U-Bolt, 7/8" x 7" x 7" |
| 17 | 20508 | Lock Washer, 7/8" |
| 18 | 20408 | Nut, 7/8" |
| 19 | 228400 | Category 3 Bottom 3 Point Pin |
| 20 | 95032 | Lynch Pin, 7/16" |
| 21 | 20829 | Cotter Pin, 1/4" X 3" |
| 22 | 20082 | Bolt, 3/4" X 2" |
| 23 | 20507 | Lock Washer, 3/4" |
| 24 | 20407 | Nut, 3/4" |

| Ref. | Part No. | Description |
|-------------|-----------------|-----------------------------|
| 25 | 21018 | U-bolt, 3/4 x 7 x 6-1/2" |
| 26 | 20090 | Bolt, 3/4" X 7" |
| 27 | 20091 | Bolt, 3/4" X 7-1/2" |
| 28 | 403150 | Cross Member Mount Weldment |
| 29 | 20194 | Bolt, 1" X 7" |
| 30 | 20509 | Lock Washer, 1" |
| 31 | 20409 | Hex Nut, 1" |
| 32 | 20083 | Bolt, 3/4" X 2-1/2" NC |
| 33 | 403180 | Toolbar Mount Weldment |
| 34 | 403170 | Disc Mount Weldment |
| 35 | 403163 | Mount Plate Long |
| 36 | 403160 | Outer Tube Weldment |
| 37 | 403155 | Slide Tube Weldment |
| 38 | 21509 | Spring, LHL-1500D-6 LEE |
| 39 | 403190 | Pivot Pin Weldment |
| 40 | 95364 | Lynch Pin, 1/4" |
| 41 | 21016 | U-bolt, 3/4" x 5" x 8-1/2" |
| 42 | 21000 | U-bolt, 1/2" x 2" x 3" |
| 43 | 20052 | Bolt, 1/2" X 1-1/2" |
| 44 | 20504 | Lock Washer, 1/2" |
| 45 | 20404 | Nut, 1/2" |
| 46 | 20190 | Bolt, 3/4" X 7" |
| 47 | 20517 | Washer, 3/4" |
| 48 | 20428 | Centerlock Nut, 3/4" |

Depth Control Hitch

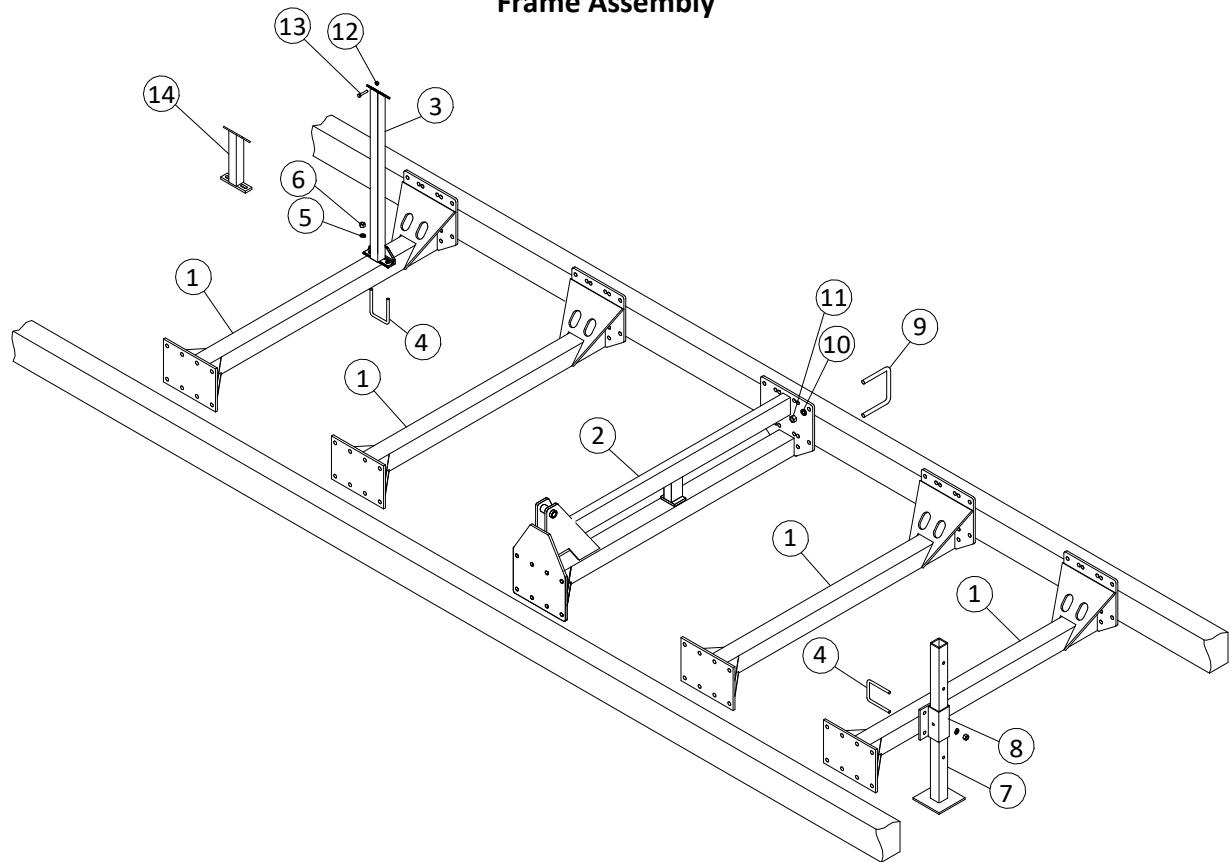


Depth Control Hitch
#354182 – 4 Row Depth Control Pole Hitch
#354198 – 6&8 Row Depth Control Pole Hitch

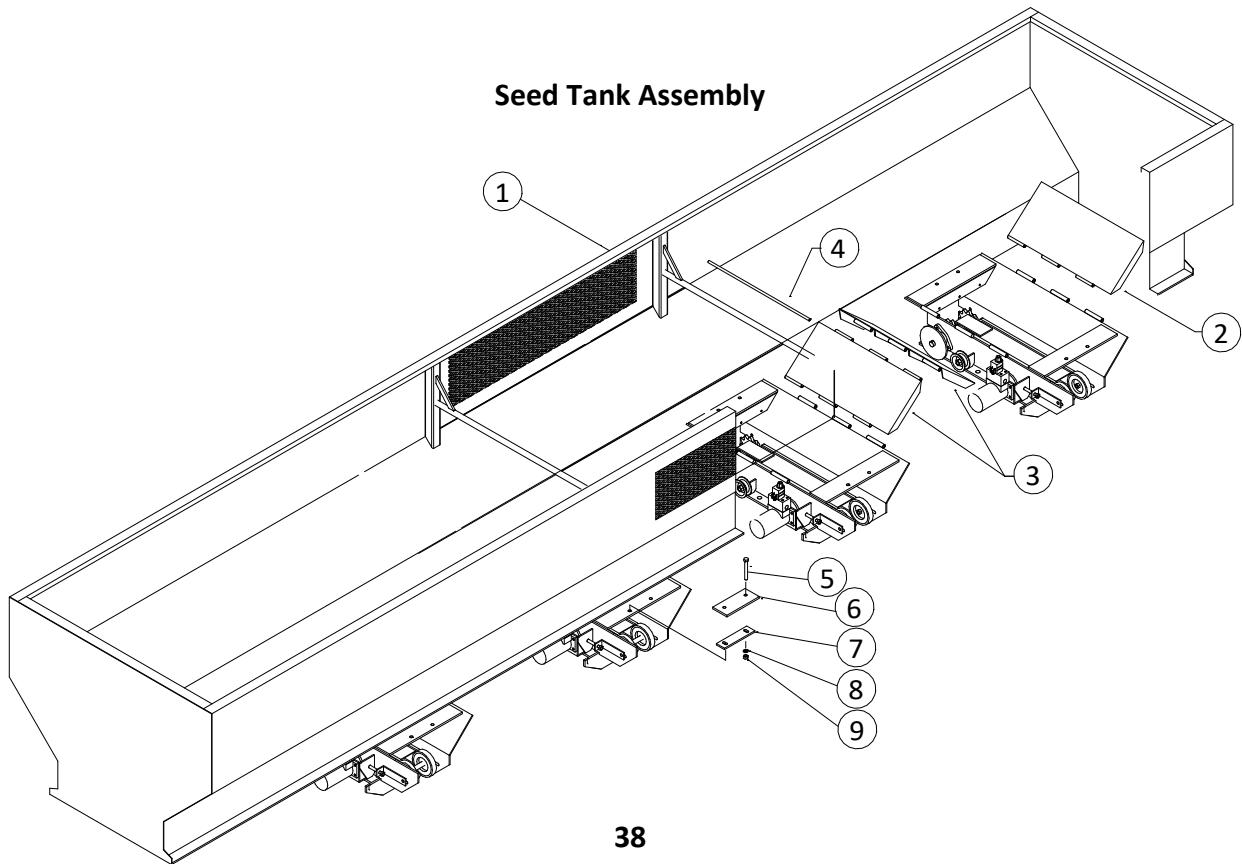
| Ref. | Part No. | Description |
|------|----------|----------------------------|
| 1 | 402458 | Swivel Bar, 2pt. |
| 2 | 354140 | Pin, 2 Pt. Vertical |
| 3 | 355620 | Hydraulic Hose Support |
| 4 | 20404 | Nut, 1/2" |
| 5 | 20504 | Lock Washer, 1/2" |
| 6 | 354085 | Hitch Pin, 1-1/4" |
| 7 | 95032 | Lynch Pin, 7/16" |
| 8 | 433395 | Hydraulic Hitch Brace |
| 9 | 354035 | Hitch Mount Right |
| 10 | 96125 | Hydraulic Cylinder, 5 x 8" |
| 11 | 352070 | Hitch Mount, Center |
| 12 | 433219 | Flat, Planter Pole Lockup |
| 13 | 20108 | Bolt, 1" x 7" |

| Ref. | Part No. | Description |
|------|----------|-------------------------------|
| 14 | 20430 | Centerlock Nut, 1" |
| 15 | 20407 | Nut, 3/4" |
| 16 | 20507 | Lock Washer, 3/4" |
| 17 | 433385 | Hydraulic Hitch Link |
| 18 | 20090 | Bolt, 3/4 x 7" |
| 19 | 433316 | Pin, Main Pivot |
| 20 | 433218 | Bushing, Hydraulic Hitch Link |
| 21 | 433313 | Pin, Hydraulic Hitch Link |
| 22 | 21018 | U-Bolt, 3/4" x 7" x 6-1/2" |
| 23 | 433215 | Hyd. Hitch Weldment, 6-8 Row |
| 24 | 433315 | Hyd. Hitch Weldment, 4 Row |
| 25 | 20829 | Cotter Pin, 1/4" x 3" |
| 26 | 354142 | Castle Nut, 2" NF |

Frame Assembly



Seed Tank Assembly



Frame Assembly

| Ref. | Part No. | Description |
|------|----------|----------------------------|
| 1 | 352020 | Crossmember, Outer |
| 2 | 352050 | Crossmember, Center |
| 3 | 355130 | Tank Brace, Standard |
| 4 | 21009 | U-Bolt, 5/8" X 4" X 5 1/2" |
| 5 | 20506 | Lock Washer, 5/8" |
| 6 | 20406 | Nut, 5/8" |
| 7 | 356525 | Parking Stand Upright |

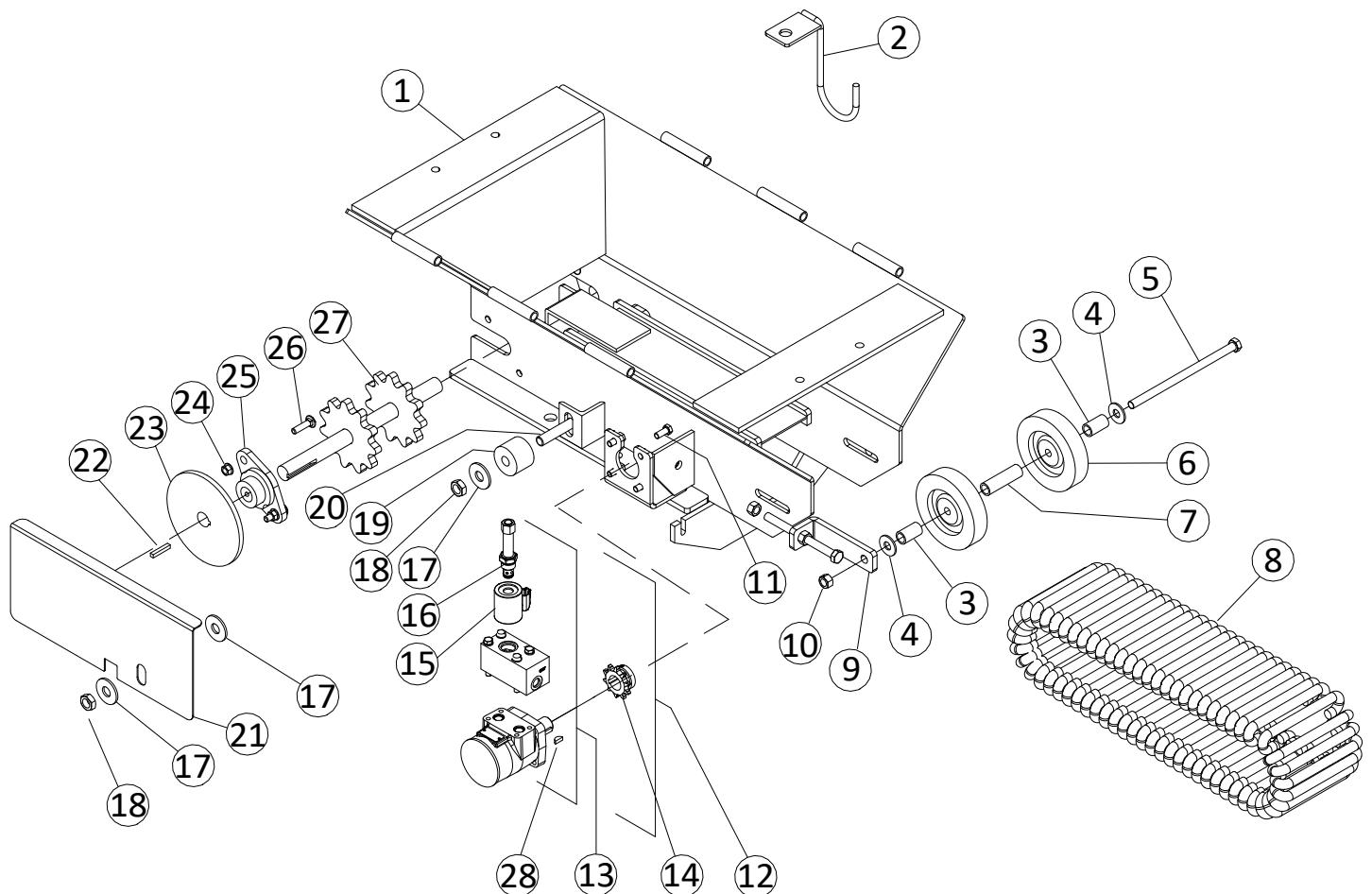
| Ref. | Part No. | Description |
|------|----------|--------------------------|
| 8 | 356505 | Parking Stand Mount |
| 9 | 21018 | U-Bolt, 3/4 X 7 X 6 1/2" |
| 10 | 20507 | Lock Washer, 3/4" |
| 11 | 20407 | Nut, 3/4" |
| 12 | 20471 | Flange Nut, 3/8" |
| 13 | 20029 | Bolt, 3/8" x 1" |
| 14 | 355135 | Tank Brace, Fertilizer |

Seed Tank Assembly

| Ref. | Part No. | Description |
|------|----------|--------------------------------|
| 1 | 355140 | 4-Row Planter Seed Tank |
| - | 355145 | 6-Row Planter Seed Tank |
| - | 355150 | 8-Row Planter Seed Tank |
| 2 | 351594 | 13" Feed Plate End |
| - | 351624 | Feed Plate End (34" Rows) |
| 3 | 351590 | 11" Wide Feed Plate Weldment |
| - | 351620 | Feed Plate Weldment (34" Rows) |

| Ref. | Part No. | Description |
|------|----------|----------------------|
| 4 | 351570 | Feed Plate Hinge Rod |
| 5 | 20053 | Bolt, 1/2" x 2" |
| 6 | 351430 | Feed Box Mount Strap |
| 7 | 351435 | Feed Box Mount Shim |
| 8 | 20504 | Lock Washer, 1/2" |
| 9 | 20404 | Nut, 1/2" |

Feedbox Assembly
#358965

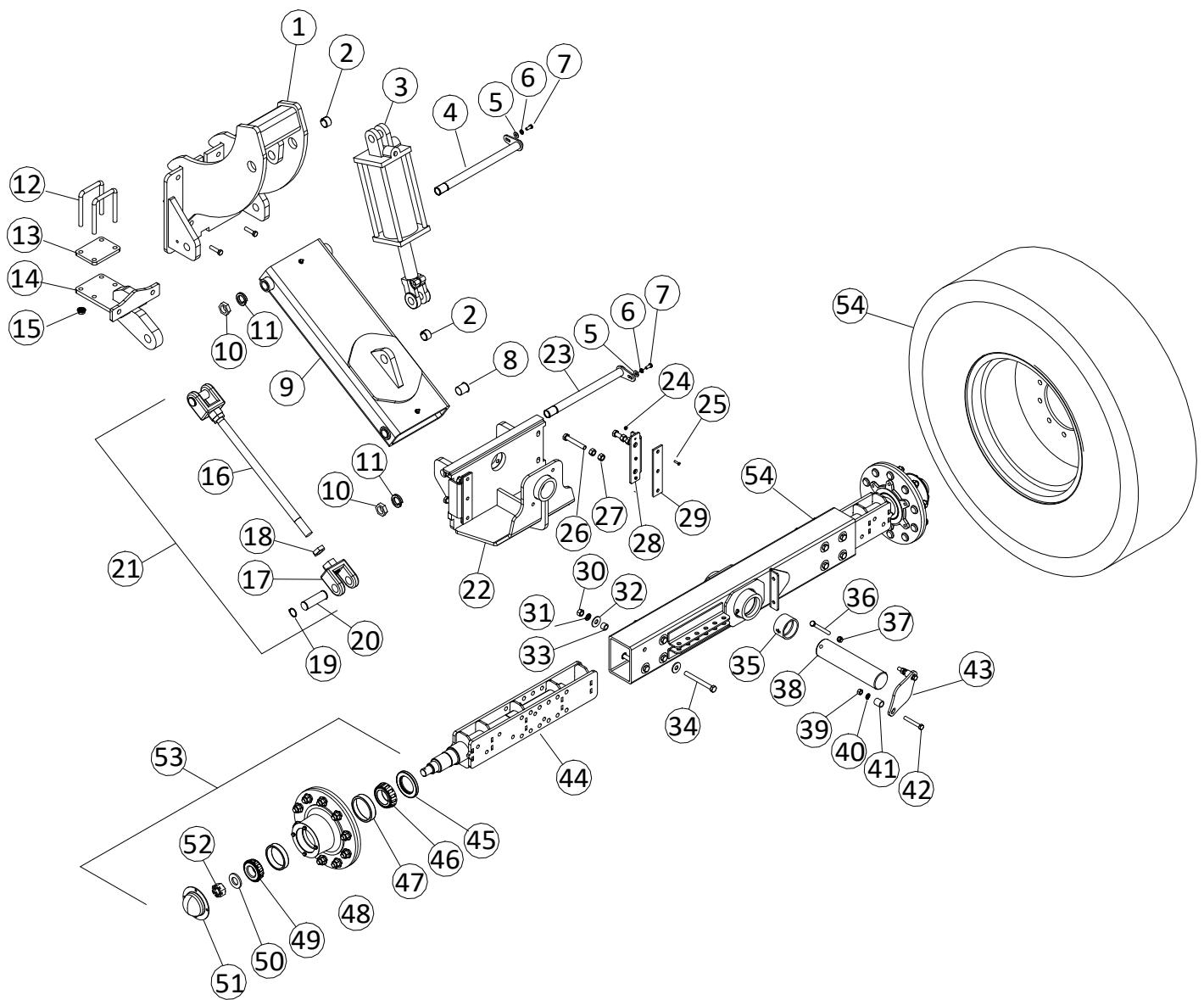


#358965 – Feed Box Assembly

| Ref. | Part No. | Description |
|------|----------|--|
| 1 | 358955 | Feed Box Weldment |
| 2 | 351940 | Hanger, Hydraulic Hose |
| 3 | 351595 | Spacer, Short Feedbox |
| 4 | 20515 | Washer, $\frac{1}{2}$ " |
| 5 | 20054 | Bolt, $\frac{1}{2}$ " x 9" |
| 6 | 96105 | Idler Roller, 5" |
| 7 | 351598 | Spacer, Feedbox Long |
| 8 | 96026 | Feed Chain, 7" (50 Links) |
| 9 | 351510 | Adjuster, Feed Chain Tension |
| 10 | 20425 | Centerlock Nut, $\frac{1}{2}$ " |
| 11 | 20111 | Bolt, 3/8" x 7/8" |
| 12 | 351505 | Motor, Feedbox w/ Sprocket/Solenoid/Valve |
| 13 | 095502 | Motor, Feedbox w/ Solenoid/Valve |
| 14 | 96108 | Sprocket, 5010 x 1" Bore |

| Ref. | Part No. | Description |
|------|----------|---|
| 15 | 96254 | Coil w/ Diode |
| 16 | 96194 | Spool Valve |
| 17 | 20536 | Washer, 5/8" |
| 18 | 20449 | Jam Nut, 5/8" |
| 19 | 402123 | Idler Roller, 2" |
| 20 | 20067 | Bolt, 5/8" x 3" |
| 21 | 358966 | Shield, Clamp/Pick Feedbox |
| 22 | 351072 | Key, $\frac{1}{4}$ " x 1- $\frac{1}{2}$ " |
| 23 | 96041 | Sprocket, 5030 x 1" Bore |
| 24 | 20471 | Flange Nut, 3/8" |
| 25 | 96049 | Flange Bearing, 1" |
| 26 | 20629 | Bolt, 3/8" x 1- $\frac{1}{2}$ " |
| 27 | 351555 | Drive Shaft, Feedbox |
| 29 | 21211 | High Profile Key, 1/4" x 1" |

Walking Beam Package



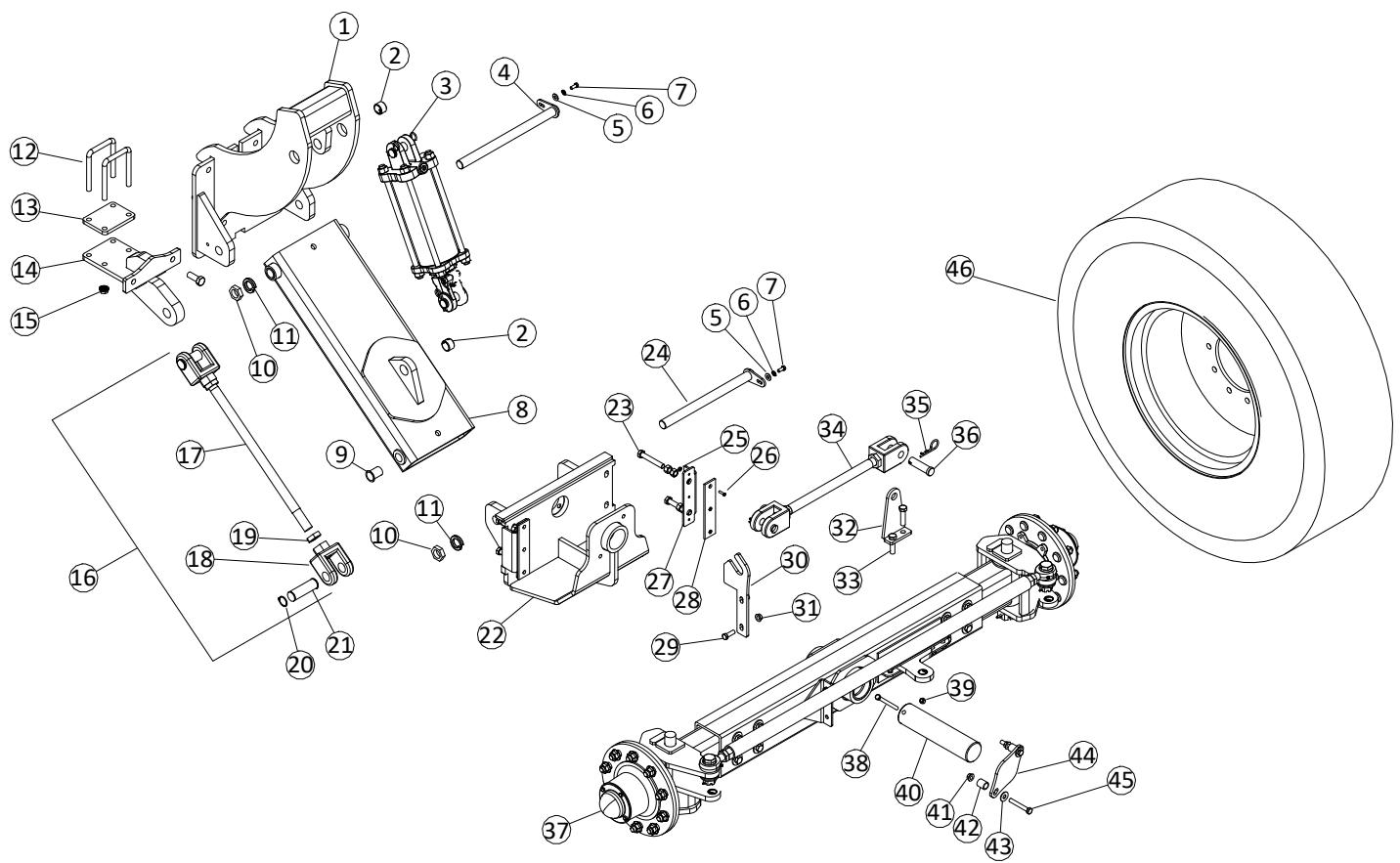
Walking Beam Package

#380995

| Ref. | Part No. | Description |
|------|----------|--------------------------------------|
| 1 | 381007 | Rear Steer Toolbar Mount |
| 2 | 94761 | Split Tension Bushing, 1-1/4" |
| 3 | 95384 | Hydraulic Cylinder, 5" x 10" |
| 4 | 381009 | Swing Arm Pin, Upper |
| 5 | 20513 | Washer, 3/8" |
| 6 | 20502 | Lock Washer, 3/8" |
| 7 | 20111 | Bolt, 3/8" x 7/8" |
| 8 | 95389 | Igus Bushing, Swing Arm |
| 9 | 380961 | Swing Arm Weldment |
| 10 | 20461 | Jam Nut, 1-1/4" NF |
| 11 | 20522 | Lock Washer, 1-1/4" |
| 12 | 21009 | U-Bolt, 5/8" x 4" x 5-1/2" |
| 13 | 380796 | Crossmember Mount Plate |
| 14 | 381003 | Radius Arm Bracket, Heavy |
| 15 | 20476 | Flange Nut, 5/8" |
| 16 | 381022 | Radius Arm Rod |
| 17 | 20461 | Jam Nut, 1-1/4" NF |
| 18 | 94660 | Clevis End, 1-3/8" |
| 19 | 94661 | Clevis Pin, 1-3/8" W/ Ret. Rings |
| 20 | 90124 | Retaining Ring, 1-3/8" |
| 21 | 381021 | Radius Arm Assembly, Heavy |
| 22 | 381015 | Rear Steer Axle Carrier Weldment |
| 23 | 381016 | Swing Arm Pin, Lower |
| 24 | 20475 | Flange Nut, 1/4" |
| 25 | 20142 | Countersink Bolt, 1/4" x 1" Phillips |
| 26 | 20705 | Bolt, 5/8 x 4" Fully Threaded |
| 27 | 20406 | Nut, 5/8" |
| 28 | 380972 | Beam Stabilizer |

| Ref. | Part No. | Description |
|------|----------|----------------------------|
| 29 | 380971 | Stabilizer Pad |
| 30 | 20406 | Nut, 5/8" |
| 31 | 20506 | Lock Washer, 5/8" |
| 32 | 20536 | Washer, 5/8" |
| 33 | 380391 | Bushing, Adjustable Axle |
| 34 | 20073 | Bolt, 5/8" x 6" |
| 35 | 352615 | Machined Grooved Bearing |
| 36 | 20060 | Bolt, 1/2" x 5" |
| 37 | 20404 | Nut, 1/2" |
| 38 | 381012 | Walking Beam Pin, Heavy |
| 39 | 20404 | Nut, 1/2" |
| 40 | 20504 | Lock Washer, 1/2" |
| 41 | 380997 | Spacer, Walking Beam Pin |
| 42 | 20057 | Bolt, 1/2" x 3-1/2" |
| 43 | 380896 | Pin Retainer Plate |
| 44 | 380580 | Non-Steer Axle Weldment |
| 45 | 95373 | Seal, 10 Bolt Hub |
| 46 | 95511 | Bearing, 10 Bolt Hub Inner |
| 47 | 95509 | Race, 10 Bolt Hub Inner |
| 48 | 95508 | Race, 10 Bolt Hub Outer |
| 49 | 95510 | Bearing, 10 Bolt Hub Outer |
| 50 | 95522 | Washer, 1-5/16" |
| 51 | 95523 | Castle Nut, 1-5/16" |
| 52 | 95524 | Dust Cover, 10 Bolt Hub |
| 53 | 95385 | Hub, 10 Bolt |
| 54 | 380705 | Tire/Rim, 13x24 Grader |
| - | 359389 | Rim, 10 Bolt, 24" |
| - | 96255 | Grader Tire |

Rear Steer Package

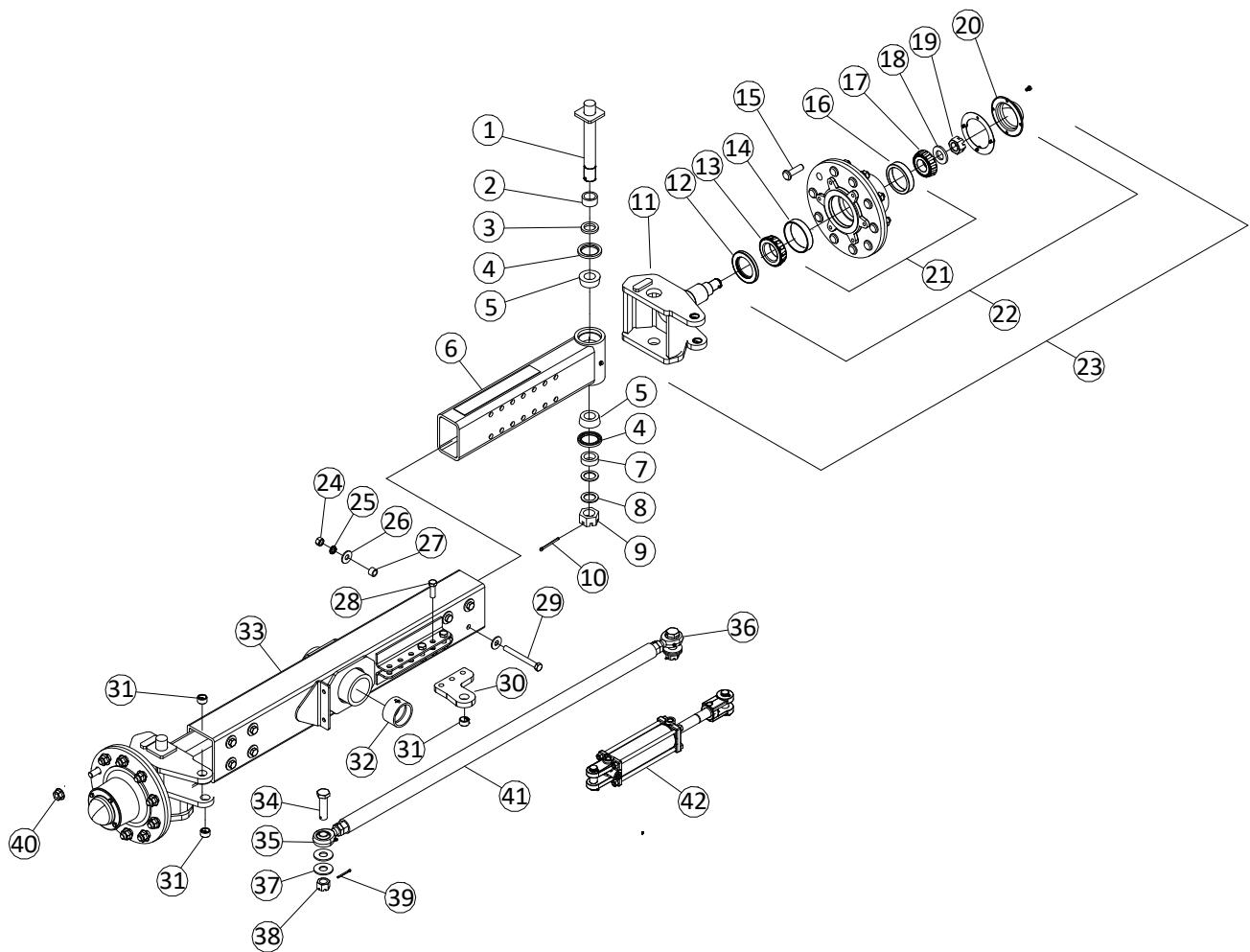


#380950 – Rear Steer Package
#380952 – Rear Steer (One Side / No Cylinders)

| Ref. | Part No. | Description |
|------|----------|------------------------------------|
| 1 | 381007 | Toolbar Mount Weldment, Rear Steer |
| 2 | 94761 | Split Tension Bushing, 1-1/4" |
| 3 | 95384 | Hydraulic Cylinder, 5" x 10" |
| 4 | 381009 | Swing Arm Pin, Upper |
| 5 | 20513 | Washer, 3/8" |
| 6 | 20502 | Lock Washer, 3/8" |
| 7 | 20111 | Bolt, 3/8" x 7/8" |
| 8 | 380961 | Swing Arm Weldment |
| 9 | 95389 | Igus Bushing, Swing Arm |
| 10 | 20461 | Jam Nut, 1-1/4" NF |
| 11 | 20522 | Lock Washer, 1-1/4" |
| 12 | 21009 | U-Bolt, 5/8" |
| 13 | 380796 | Crossmember Mount Plate |
| 14 | 381003 | Radius Arm Bracket, Heavy |
| 15 | 20476 | Flange Nut, 5/8" |
| 16 | 381021 | Radius Arm Assembly, Heavy |
| 17 | 381022 | Radius Arm Rod |
| 18 | 94660 | Clevis End, 1-3/8" |
| 19 | 20461 | Jam Nut, 1-1/4" NF |
| 20 | 90124 | Retaining Ring, 1-3/8" |
| 21 | 94661 | Clevis Pin, 1-3/8" (W/ Ret. Rings) |
| 22 | 381015 | Weldment, Rear Steer Carrier |
| 23 | 20705 | Bolt, 5/8" x 4" Fully Threaded |
| 24 | 381016 | Swing Arm Pin, Lower |

| Ref. | Part No. | Description |
|------|----------|--------------------------------------|
| 25 | 20475 | Flange Nut, 1/4" |
| 26 | 20142 | Countersink Bolt, 1/4" x 1" Phillips |
| 27 | 380972 | Beam Stabilizer Weldment |
| 28 | 380971 | Stabilizer Pad |
| 29 | 20052 | Bolt, 1/2" x 1-1/2" |
| 30 | 380979 | Lock Bar Bracket |
| 31 | 20505 | Flange Nut, 1/2" |
| 32 | 380975 | Lock Bar Holder |
| 33 | 20066 | Bolt, 5/8" x 2-1/2" |
| 34 | 380980 | Lock Bar Assembly |
| 35 | 20915 | Bridge Pin #6, 3/16" |
| 36 | 20893 | Clevis Pin, 1" x 3-1/2" |
| 37 | 401600 | Steering Beam Assembly With Inserts |
| 38 | 20026 | Bolt, 7/16" x 5" |
| 39 | 20403 | Nut, 7/16" |
| 40 | 381012 | Walking Beam Pin Heavy |
| 41 | 20505 | Flange Nut, 1/2" |
| 42 | 380997 | Walking Beam Spacer Pin |
| 43 | 20515 | Washer, 1/2" Flat |
| 44 | 380896 | Pin Retainer Plate |
| 45 | 20057 | Bolt, 1/2" x 3-1/2" |
| 46 | 380705 | Tire/Rim, 13" x 24" Grader |
| - | 359389 | Rim, 10 Bolt, 24" |
| - | 96255 | Grader Tire |

Rear Steer Axle
#401600



#401600 – Rear Steer Axle

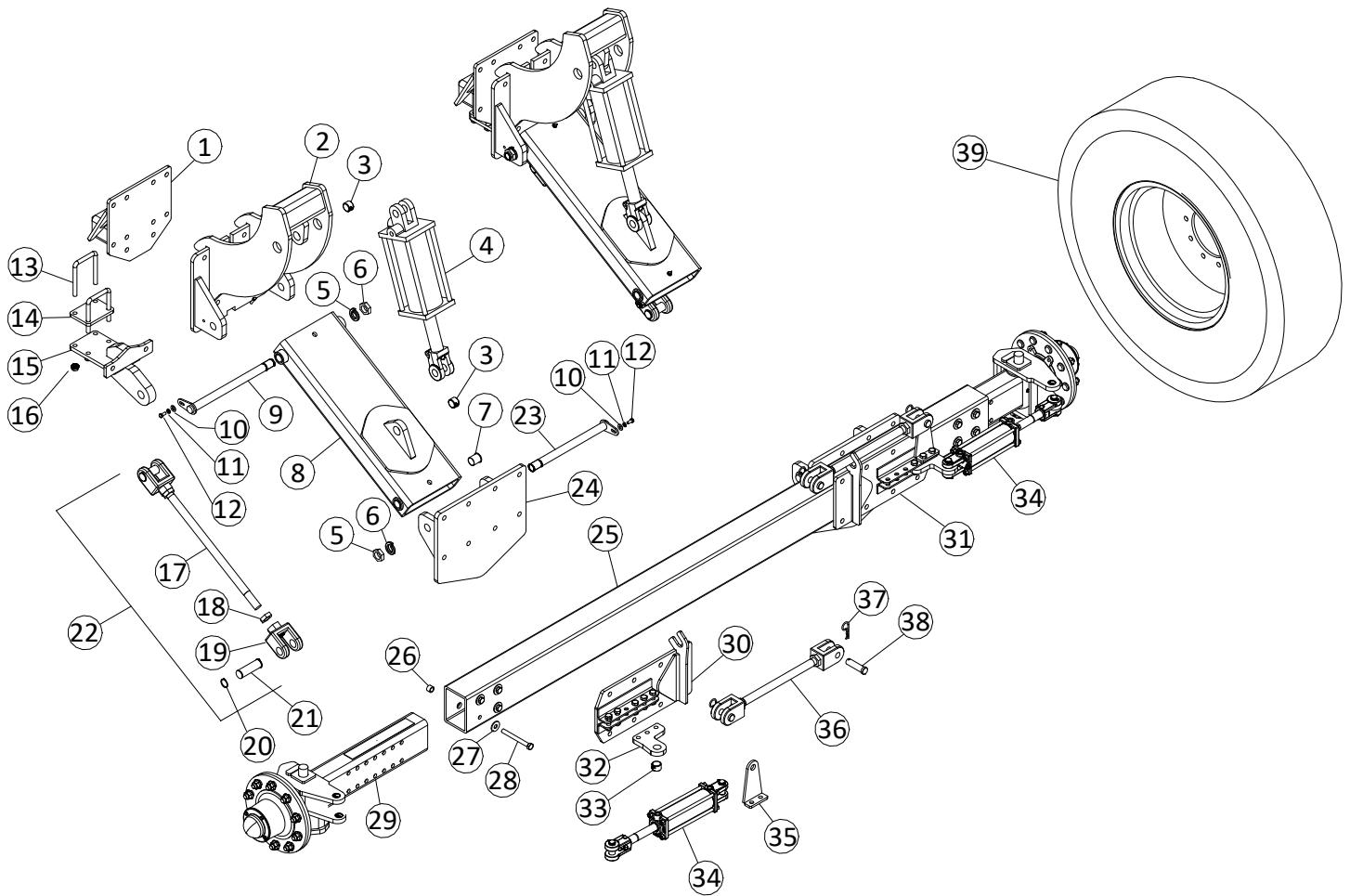
| Ref. | Part No. | Description |
|------|----------|-----------------------------------|
| 1 | 380825 | Kingpin Weldment |
| 2 | 401546 | Upper Knuckle Bushing |
| 3 | 380878 | Upper Knuckle Bushing |
| 4 | 95388 | Kingpin Bearing Seal |
| 5 | 95386 | Kingpin Bearing |
| 6 | 380870 | Adjustable Slide Tube |
| 7 | 380894 | Lower Knuckle Bushing |
| 8 | 21352 | Bushing, 1-1/2" Narrow 10 Ga. |
| 9 | 20829 | Cotter Pin, 1/4" x 3" |
| 10 | 352535 | Slotted Spindle Nut 1-1/2" NF |
| 11 | 401554 | Weldment, Right Knuckle W/ Insert |
| - | 401553 | Weldment, Left Knuckle W/ Insert |
| 12 | 95373 | Seal, 10 Bolt Hub |
| 13 | 95511 | Bearing, 10 Bolt Hub Inner |
| 14 | 95509 | Race, 10 Bolt Hub Inner |
| 15 | 95377 | Wheel Stud, 10 Bolt Hub |
| 16 | 95508 | Race, 10 Bolt Hub Outer |
| 17 | 95510 | Bearing, 10 Bolt Hub Outer |
| 18 | 95522 | Washer, 1-5/16" |
| 19 | 95523 | Castle Nut, 1-5/16" |
| 20 | 95524 | Dust Cap, 10 Bolt Hub |
| 21 | 95521 | 10 Bolt Hub W/ Races |
| 22 | 95385 | 10 Bolt Hub Assembly |

| Ref. | Part No. | Description |
|------|----------|--|
| 23 | 404412 | 10 Bolt Hub/Spindle/Knuckle RH |
| - | 404413 | 10 Bolt Hub/Spindle/Knuckle LH |
| 24 | 20406 | Nut, 5/8" |
| 25 | 20506 | Lock Washer, 5/8" |
| 26 | 20536 | Washer, 5/8" |
| 27 | 380391 | Bushing, Adjustable Axle |
| 28 | 20065 | Bolt, 5/8" x 2" |
| 29 | 20073 | Bolt, 5/8" x 6" |
| 30 | 401593 | Steering Cylinder Ear W/ Insert |
| 31 | 94760 | Split Tension Bushing, Insert |
| 32 | 352615 | Pivot Bearing |
| 33 | 380740 | Pivot Tube Weldment |
| 34 | 401558 | Bolt, 1" x 3-1/2" Drilled |
| 35 | 98005 | Tie Rod End LH |
| 36 | 98004 | Tie Rod End RH |
| 37 | 20519 | Washer, 1" |
| 38 | 20174 | Castle Nut, 1" |
| 39 | 20832 | Cotter Pin, 3/16" x 2" |
| 40 | - | Lug Nut, 10 Bolt Hub |
| 41 | 380840* | Tie Rod, 6-8R Rear Steer |
| 42 | 95447 | Hyd. Cylinder, 3x8" Single Rephasing |
| NS | 95448 | Hyd. Cylinder, 3-1/4x8" Single Rephasing |

*Specify planter row spacing when ordering

4 Row Rear Steer Assembly

#405151

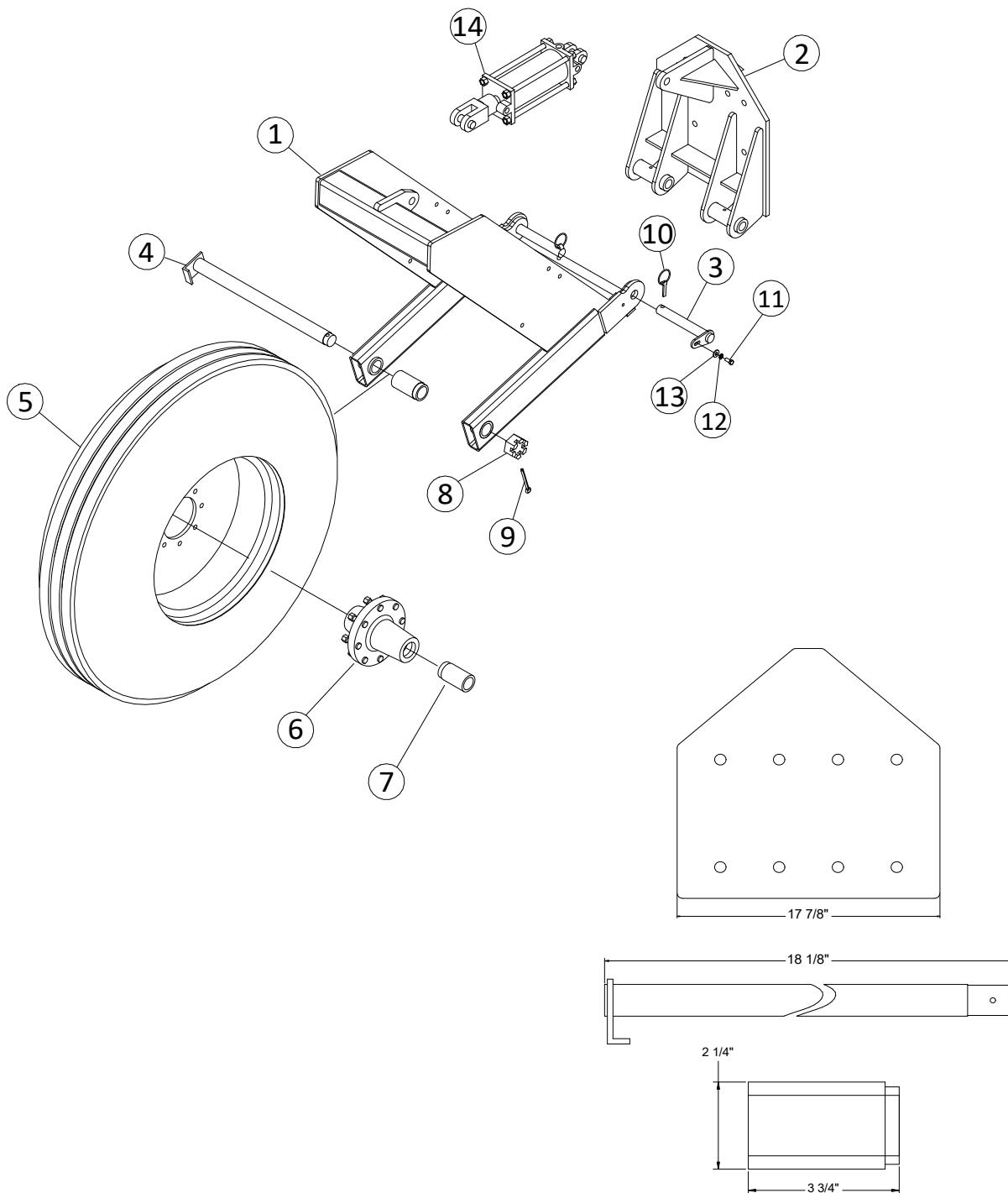


4 Row Rear Steer Assembly
#405151

| Ref. | Part No. | Description |
|------|----------|------------------------------------|
| 1 | 367333 | Rear Steer Front Mount Weldment |
| 2 | 381007 | Weldment, Rear Steer Narrow |
| 3 | 94761 | Split Tension Bushing, 1-1/4" |
| 4 | 95384 | Hydraulic Cylinder, 5" x 10" |
| 5 | 20522 | Washer, 1-1/4" Lock |
| 6 | 20461 | Jam Nut, 1-1/4" NF |
| 7 | 95389 | Igus Bushing, Swingarm |
| 8 | 380961 | Swing Arm Weldment |
| 9 | 381009 | Swing Arm Pin, Upper |
| 10 | 20513 | Washer, 3/8" |
| 11 | 20502 | Lock Washer, 3/8" |
| 12 | 20111 | Bolt, 3/8" x 7/8" |
| 13 | 21009 | U-bolt, 5/8" x 4" x 5-1/2" |
| 14 | 380796 | Crossmember Mount Plate |
| 15 | 381003 | Radius Arm Bracket Heavy |
| 16 | 20476 | Flange Nut, 5/8" |
| 17 | 381022 | Radius Arm Rod |
| 18 | 20461 | Jam Nut, 1-1/4" NF |
| 19 | 94660 | Clevis End, 1-3/8" |
| 20 | 94661 | Clevis Pin, 1-3/8" (W/ Ret. Rings) |
| 21 | 90124 | Retaining Ring, 1-3/8" |

| Ref. | Part No. | Description |
|------|----------|-------------------------------------|
| 22 | 381021 | Radius Arm Assembly, Heavy |
| 23 | 381016 | Swing Arm Pin, Lower |
| 24 | 405211 | 4R Rear Steer Axle Carrier Weldment |
| 25 | 405152 | 4R Rear Steer Axle Tube |
| 26 | 380391 | Bushing, Adjustable Axle |
| 27 | 20536 | Washer, 5/8" |
| 28 | 20073 | Bolt, 5/8" x 6" |
| 29 | 401549 | Axle Assembly, Left Knuckle |
| - | 401548 | Axle Assembly, Right Knuckle |
| 30 | 405155 | Rear Steer Cylinder Mount Left |
| 31 | 405162 | Rear Steer Cylinder Mount Right |
| 32 | 401593 | Steering Cylinder Ear W/ Insert |
| 33 | 94760 | Split Tension Bushing, 1" |
| 34 | 95380 | Hyd Cylinder , 3x8" Dual Rephasing |
| 35 | 380975 | Lock Bar Holder |
| 36 | 380980 | Lock Bar Assembly |
| 37 | 20915 | Bridge Pin #6, 3/16" |
| 38 | 20893 | Clevis Pin, 1" x 3-1/2" |
| 39 | 380705 | Tire/Rim, 13x24 Grader |
| - | 359389 | Rim, 10 Bolt, 24" |
| - | 96255 | Grader Tire |

Lift Wheel Assembly
#352921 / 352920

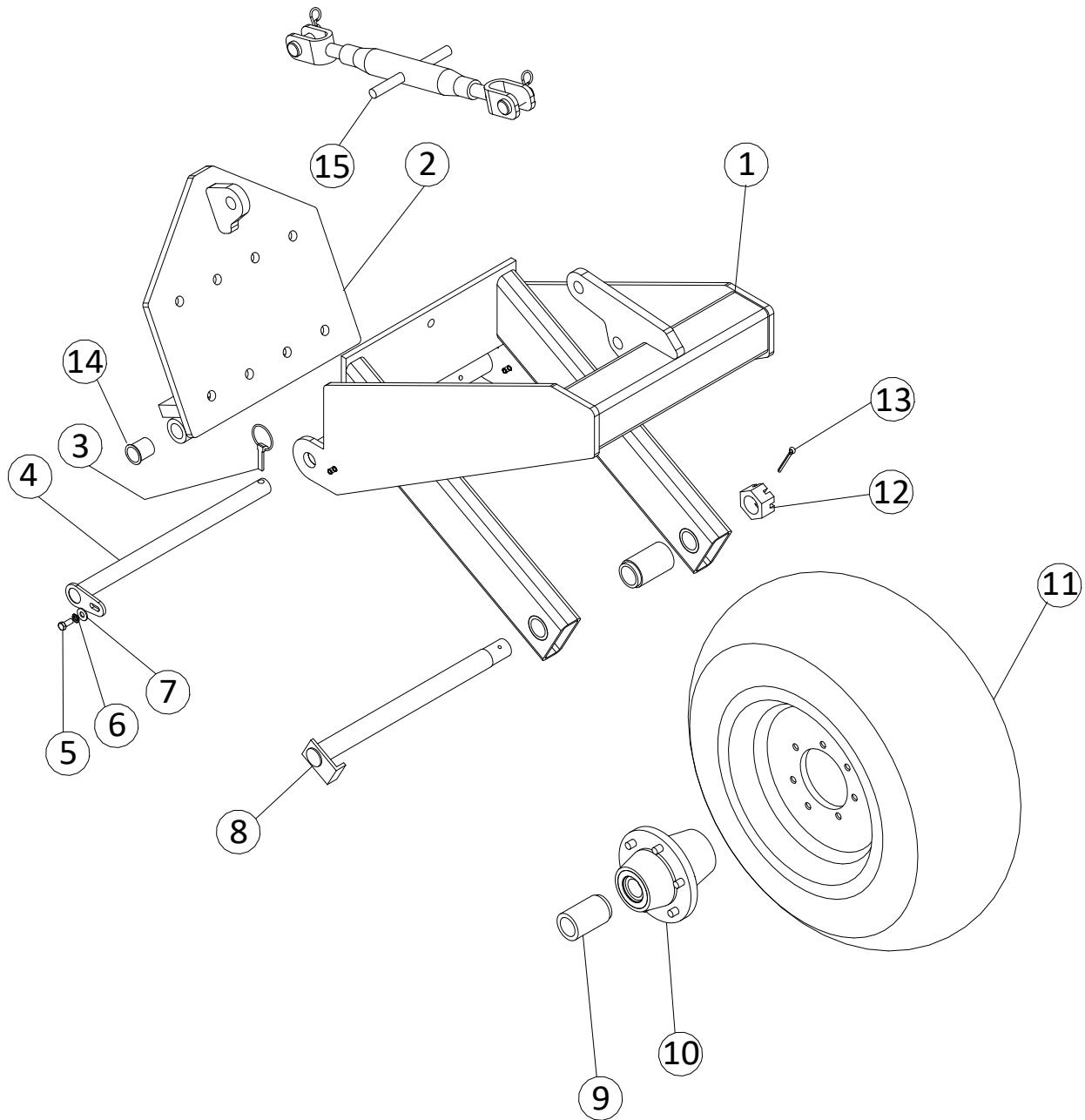


Lift Wheel Assembly
#352921 / 352920

| Ref. | Part No. | Description |
|------|----------|--|
| 1 | 352770 | Large Rear Wheel Lift Weldment |
| 2 | 352800 | Lift Wheel Large Plate Weldment |
| 3 | 365367 | Pivot Pin Large Wheel |
| 4 | 352775 | 1 3/4" Spindle Weldment |
| 5 | 96162 | 11.25" X 24" Tire / Rim |
| - | 96166 | 11.25" x 24" Rim Only |
| NS | 352870 | 11.25" x 24" Tire/Rim with 1/2" Center |
| - | 352875 | 11.25" x 24" Rim with 1/2" Center |
| - | 96165 | 11.25" x 24" Tire & Tube (352870) |
| NS | 352881 | 12" x 24" Tire / Rim with 1/2" Center |
| - | 382860 | 12" x 24" Rim with 1/2" Center |
| - | 96255 | 12" x 24" Grader Tire (352881) |

| Ref. | Part No. | Description |
|------|----------|--|
| NS | 96163 | 14.9" x 24" Tire / Rim Diamond Tread |
| - | 352860 | 14.9" x 24" Rim with 1/2" Center |
| - | 96060 | 14.9" x 24" Tire Diamond Tread (352865) |
| 6 | 352761 | Large Wheel Hub - 8 Bolt |
| 7 | 352784 | Spindle Spacer (Large Wheel) |
| 8 | 20463 | Slotted Nut, 1 3/4" NF |
| 9 | 20831 | Cotter Pin, 3/8" X 3" |
| 10 | 95032 | Lynch Pin, 7/16" |
| 11 | 20111 | Bolt, 3/8" X 7/8" |
| 12 | 20502 | Lock Washer, 3/8" |
| 13 | 20513 | Washer, 3/8" |
| 14 | 95142 | Hydraulic Cylinder, 4"x8" 3000 psi w/ Stop |

Front Stabilizer Assembly
#352780



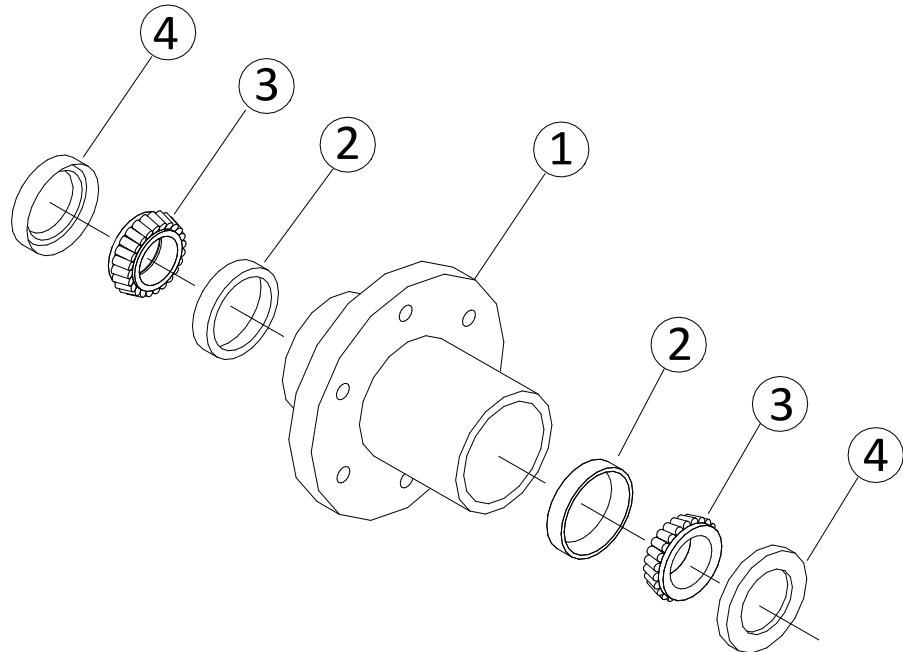
Front Stabilizer Wheel

#352780

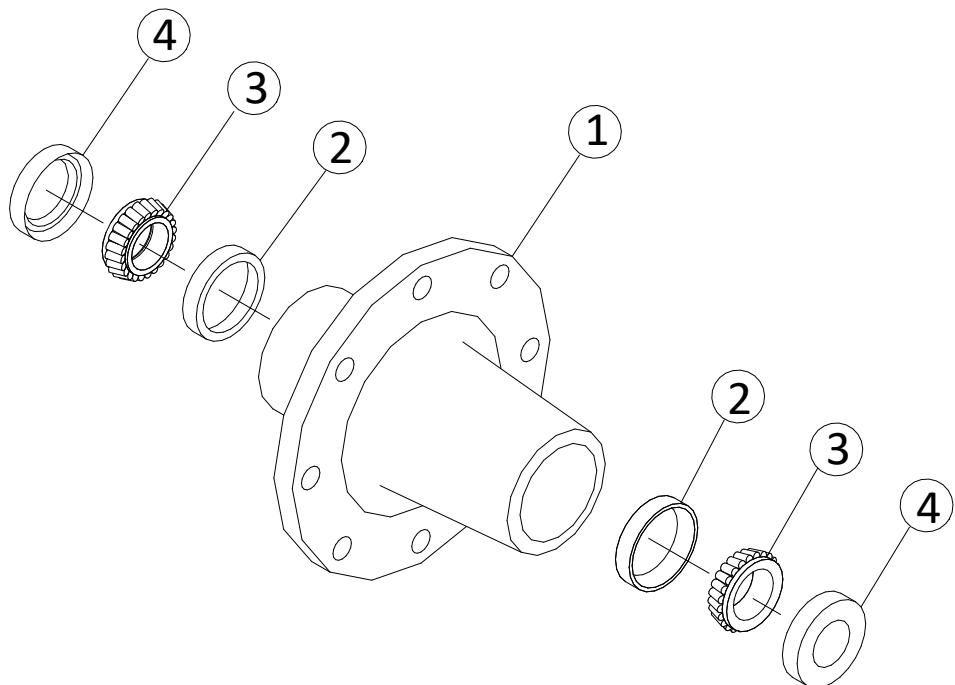
| Ref. | Part No. | Description |
|-------------|-----------------|---------------------------|
| 1 | 352515 | Lift Wheel Frame Weldment |
| 2 | 352650 | Lift Wheel Toolbar Mount |
| 3 | 95032 | Lynch Pin, 7/16" |
| 4 | 352556 | Pin, Stabilizer Pivot |
| 5 | 20111 | Bolt, 3/8" x 7/8" |
| 6 | 20502 | Lock Washer, 3/8" |
| 7 | 20513 | Washer, 3/8" |
| 8 | 352530 | Spindle, Stabilizer Wheel |

| Ref. | Part No. | Description |
|-------------|-----------------|----------------------------------|
| 9 | 352540 | Spacer, Spindle |
| 10 | 352561 | Hub, Stabilizer Wheel with Bolts |
| 11 | 96271 | Tire / Rim 12.5 x 16 , 8 Bolt |
| 12 | 352535 | Slotted Spindle Nut, 1-1/2" NF |
| 13 | 20830 | Cotter Pin 1/4" x 2-1/2" |
| 14 | 95389 | Swingarm Igus Bushing |
| 15 | 21202 | Turnbuckle, Depth Adjustment |

Fork Hub Assembly
#352561



Large Wheel Hub
#352761



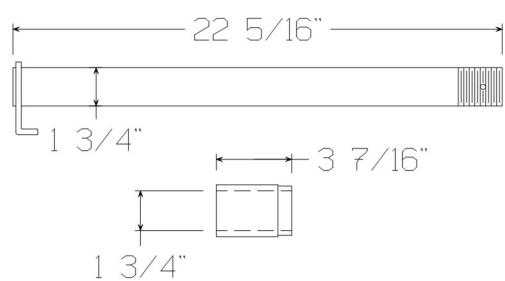
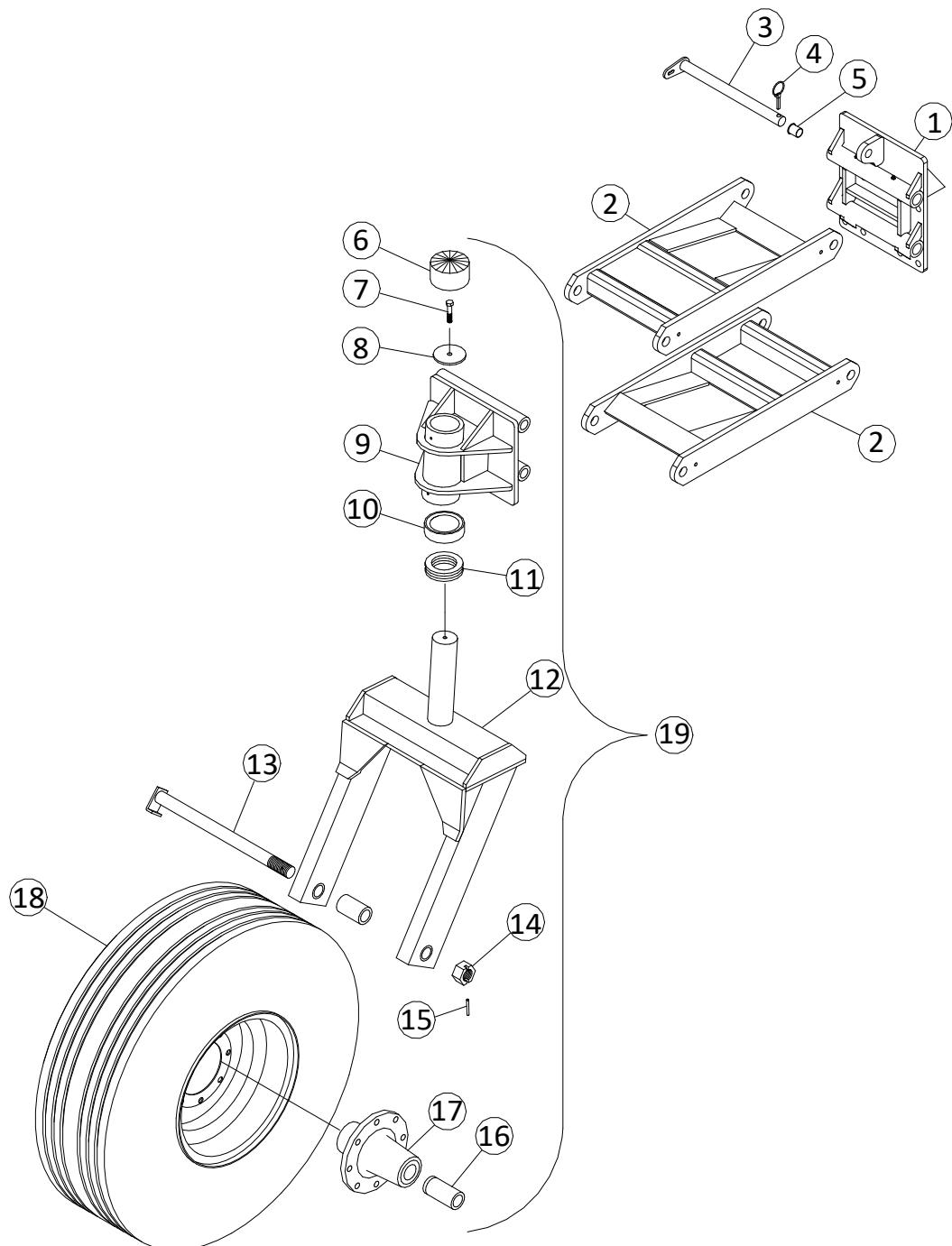
Fork Hub Assembly with Wheel Bolts
#352561

| Ref. | Part No. | Description |
|------|----------|-------------------------------|
| 1 | 096031 | Hub with Cup (Planter) HA-628 |
| 2 | 082136 | Bearing Cup 2720 |
| 3 | 082137 | Bearing Cone 2788 |
| 4 | 096092 | Seal SE-29 Planter Yoke Hub |

Large Wheel Hub Painted with Nuts
#352761

| Ref. | Part No. | Description |
|------|----------|------------------------------|
| 1 | 96181 | 7500# Hub HDA-820 |
| 2 | 82154 | Bearing Cup 25520 |
| 3 | 96183 | Tapered Roller Bearing 25580 |
| 4 | 96184 | Oil Seal SE26 |
| - | 96185 | Nut WB18 |

Hydraulic Caster Wheel



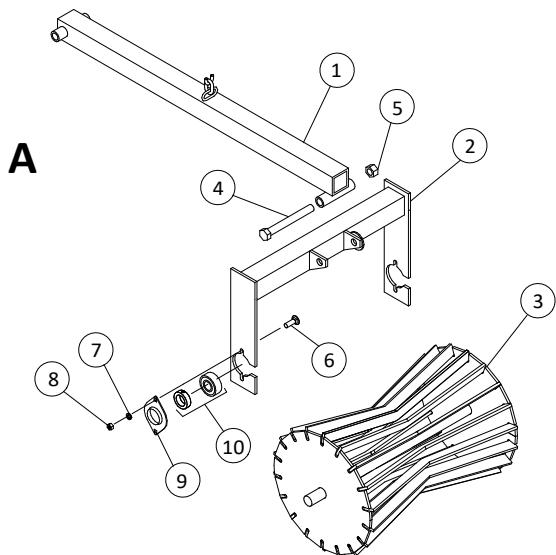
Hydraulic Caster Wheel

| Ref. | Part No. | Description |
|------|----------|---------------------------------------|
| 1 | 365371 | Front Toolbar Mount, Hydraulic Caster |
| 2 | 365380 | Linkage, Caster Wheel |
| 3 | 365355 | Pin, Hydraulic Caster Wheel |
| 4 | 95032 | Lynch Pin 7/16" |
| 5 | 95389 | Bushing, Swingarm |
| 6 | 95085 | 4 1/2" Cap (Caster Wheel) |
| 7 | 20118 | Bolt, 1/2" X 1 1/4" NC |
| 8 | 352578 | Retainer Cap |
| 9 | 365372 | Weldment – Hydraulic Caster Rear Mt. |
| NS | 365040 | Brass Bushing with Grease Groove |
| 10 | 366050 | Truss Bearing Cover 4 1/2" OD |

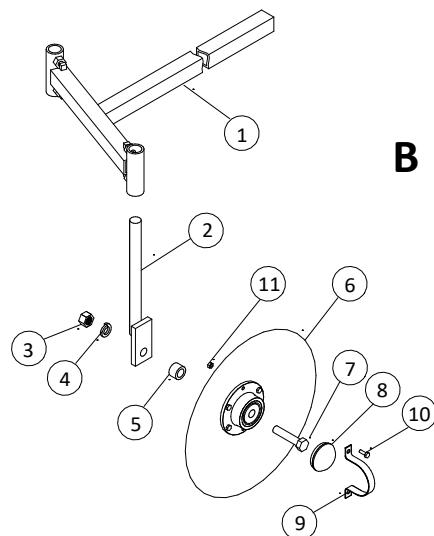
| Ref. | Part No. | Description |
|------|----------|----------------------------------|
| 11 | 96121 | Truss Bearing, 4 1/2" OD X 3" ID |
| 12 | 365390 | Weldment – Caster Wheel Frame |
| 13 | 352395 | Spindle Weldment, 1-3/4" |
| 14 | 20463 | Castle Nut, 1-3/4" NF |
| 15 | 20831 | Cotter Pin, 3/8" X 3" |
| 16 | 365397 | Caster Spacer |
| 17 | 352761 | Large Wheel Hub Painted – 8 Bolt |
| 18 | 96196 | 14L x 16.1 Tire/Rim 8 Bolt |
| - | 96271 | 12.5 x 16 Tire/Rim 8 Bolt |
| 19 | 365303 | Caster Wheel Assembly |

Optional Attachments

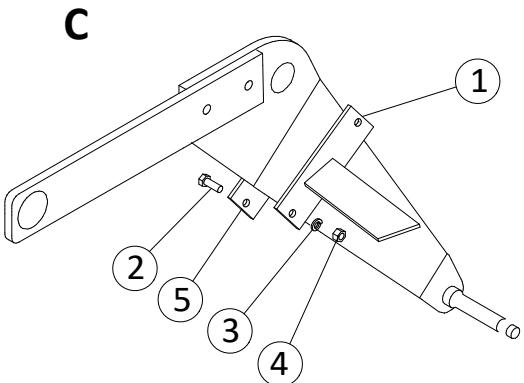
Packer Wheel Assembly



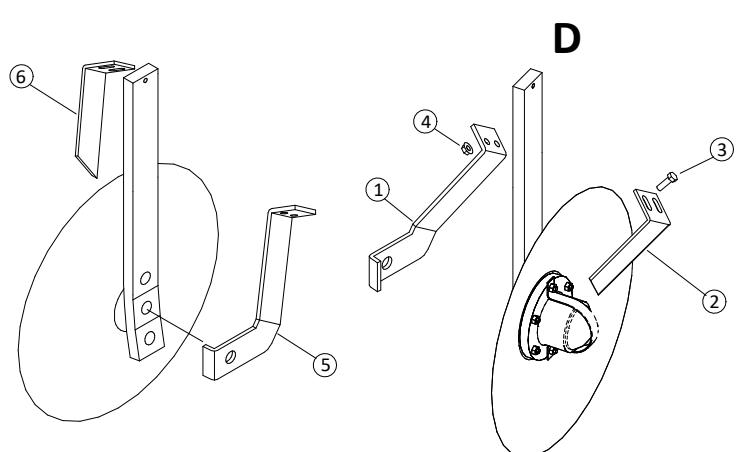
Dual Disc Package



Tire Scraper Package



Disc Scraper Package



#3510 – Packer Wheel Assembly
#357100 – Packer Wheel Assembly-(without Mount Arm)

| Ref. | Part No. | Description |
|------|----------|-----------------------|
| 1 | 357200 | Packer Mount Arm |
| 2 | 357120 | Packer Wheel Frame |
| 3 | 357110 | Packer Wheel Weldment |
| 4 | 20072 | Bolt, 5/8" X 5 1/2" |
| 5 | 20427 | Nut, 5/8" Center Lock |

| Ref. | Part No. | Description |
|------|----------|------------------------------|
| 6 | 20757 | Bolt, 5/16" X 1" Carriage |
| 7 | 20504 | Washer, 5/16" Lock |
| 8 | 20401 | Nut, 5/16" |
| 9 | 96096 | 1" Flange Bearing |
| 10 | 95043 | 1" Self Align Bearing Sealed |

A

#368200 – Dual Disc Package (For Marker)

| Ref. | Part No. | Description |
|------|----------|-----------------------------|
| 1 | 368260 | Double Disc Marker Weldment |
| 2 | 356440 | Marker Disc Mount |
| 3 | 20407 | Nut, 3/4" |
| 4 | 20507 | Lock Washer, 3/4" |
| 5 | 211661 | Disc Bushing |
| 6 | 211860 | Disc with Bearing |

| Ref. | Part No. | Description |
|------|----------|-----------------------|
| 7 | 20084 | Bolt, 3/4" X 3" |
| 8 | 211835 | Dust Cap (Hiller) |
| 9 | 211836 | Dust Cap Strap |
| 10 | 20131 | Bolt, 1/4" X 7/8" |
| 11 | 20421 | Nut, 1/4" Center Lock |

B

#351365 – Tire Scraper Package

| Ref. | Part No. | Description |
|------|----------|-----------------------------|
| 1 | 351370 | Tire Scraper Weldment Left |
| - | 351375 | Tire Scraper Weldment Right |
| 2 | 20119 | Bolt, 3/8" X 1 3/4" |

| Ref. | Part No. | Description |
|------|----------|--------------------------|
| 3 | 20502 | Washer, 3/8" Lock |
| 4 | 20402 | Nut, 3/8" |
| 5 | 351373 | Tire Scraper Mount Plate |

C

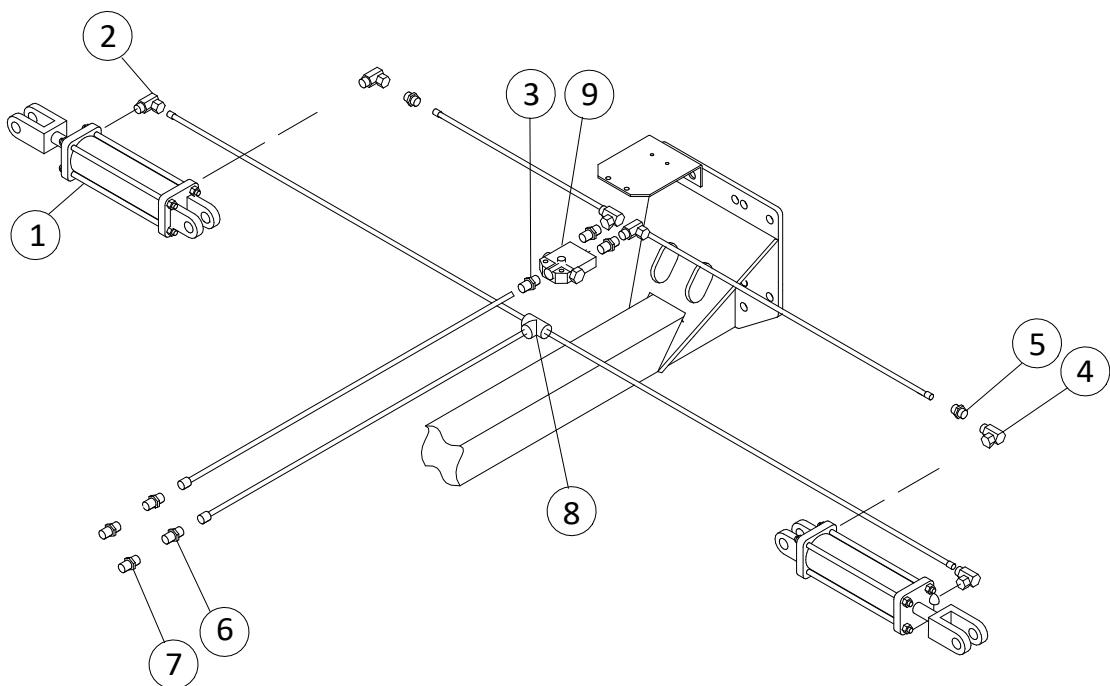
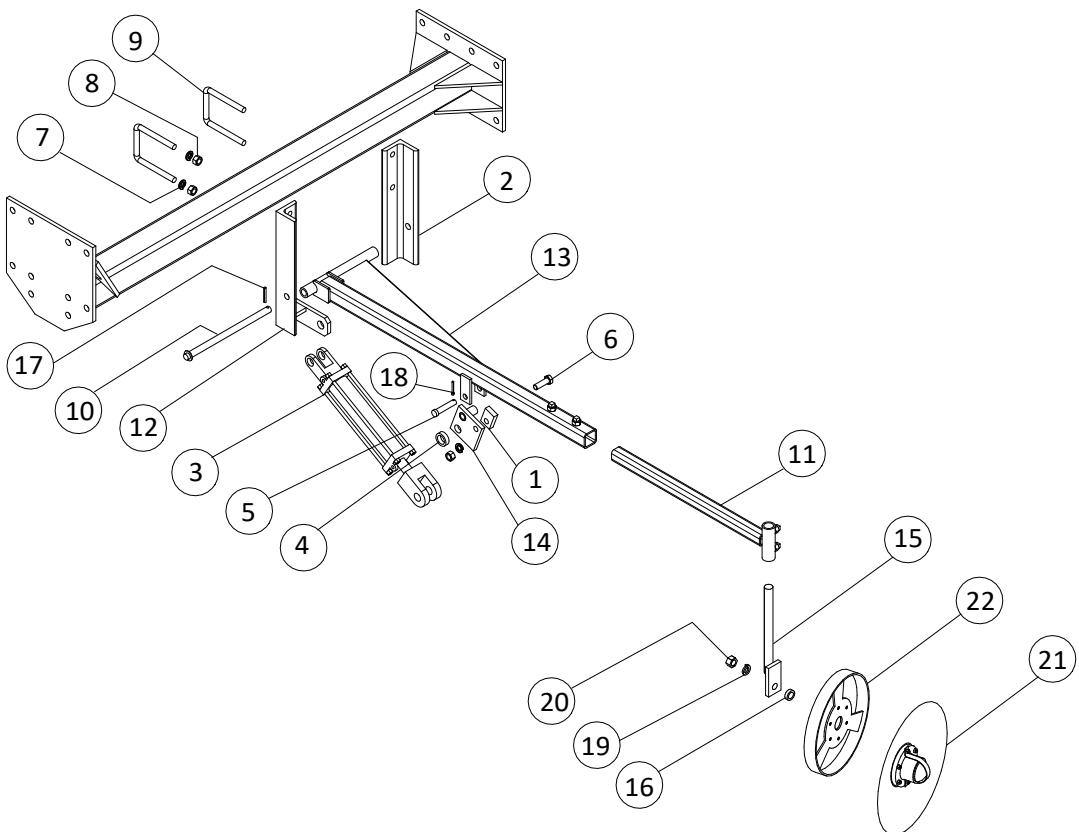
#211940 – Disc Scraper Pair – (Discs shown for illustration purposes)

| Ref. | Part No. | Description |
|------|----------|---------------------------|
| 1 | 211941 | Scraper Mount Right |
| 2 | 211943 | Scraper Right |
| 3 | 20757 | Bolt, 5/16" X 1" Carriage |

| Ref. | Part No. | Description |
|------|----------|--------------------|
| 4 | 20471 | Nut, 3/8 NC Flange |
| 5 | 211942 | Scraper Mount Left |
| 6 | 211944 | Scraper Left |

D

4 Row Marker (Tractor Center Mark)



4 Row Marker Package (Tractor Center Mark)

#3562

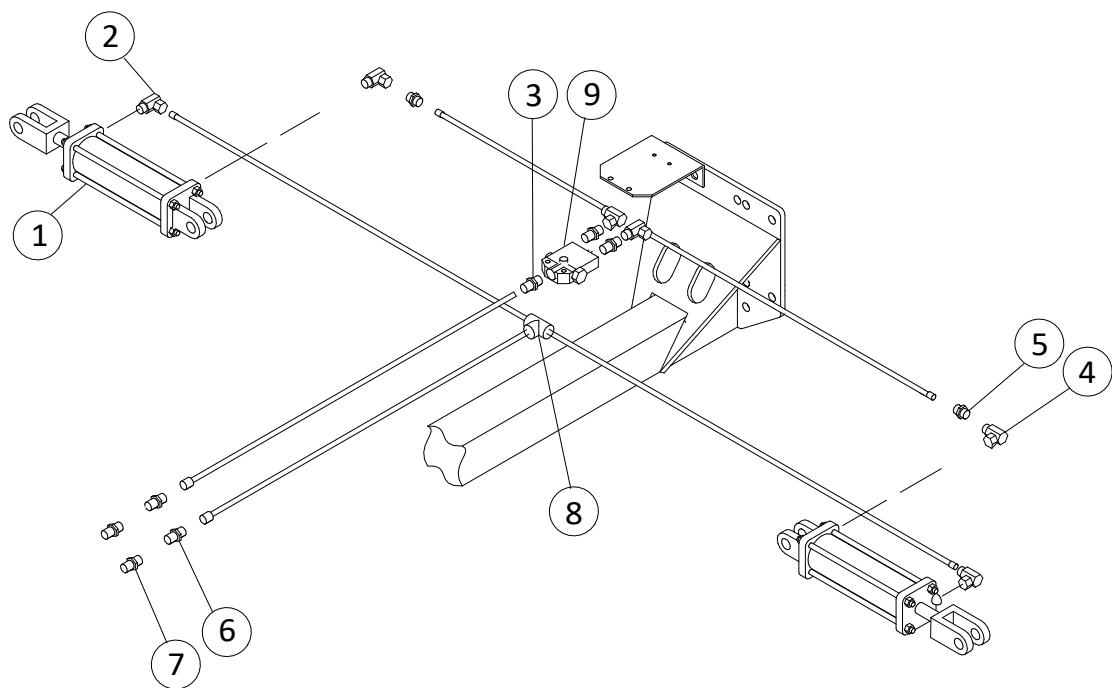
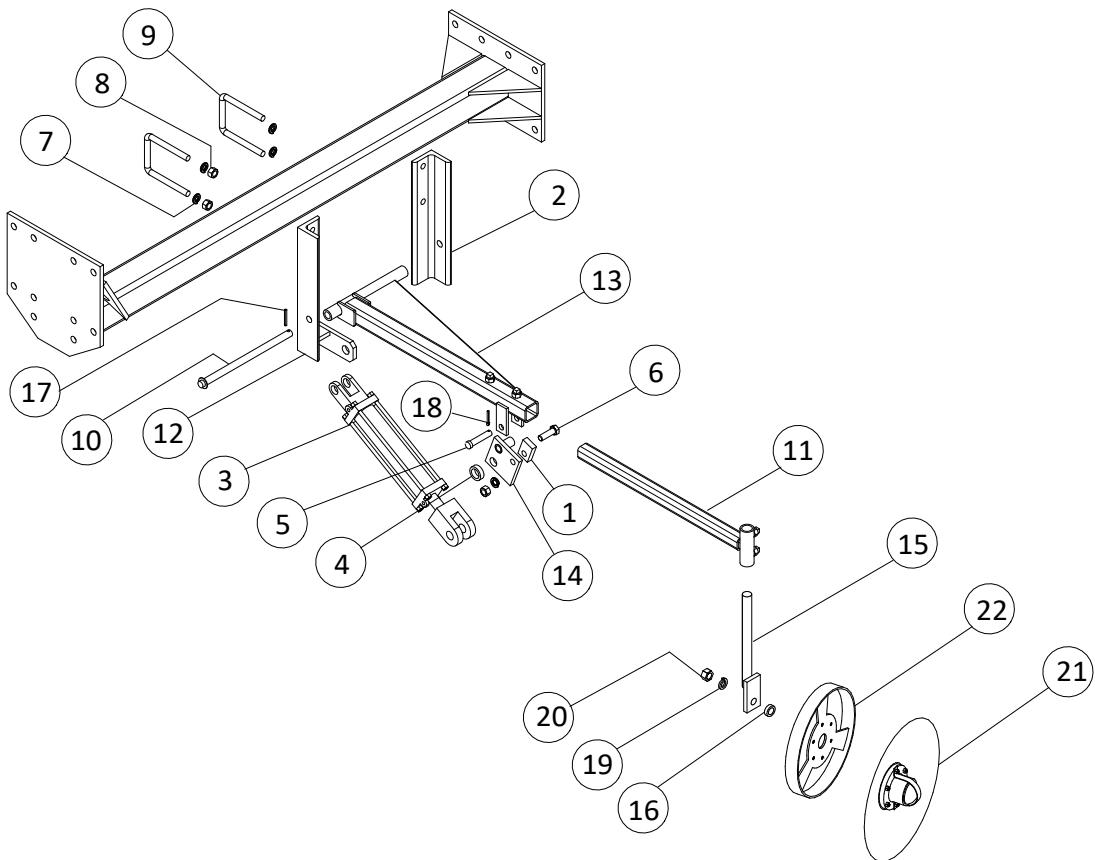
| Ref. | Part No. | Description |
|------|----------|------------------------------|
| 1 | 356928 | Stop Flat |
| 2 | 356953 | Right Angle |
| - | 356952 | Left Angle |
| 3 | 95171 | Cylinder, 2" x 8" |
| 4 | 356929 | Cylinder Spacer Bushing |
| 5 | 20896 | Clevis Pin, 5/8" x 3" |
| 6 | 20065 | Bolt, 5/8 x 2" |
| 7 | 20506 | Lock Washer, 5/8" |
| 8 | 20406 | Nut, 5/8" |
| 9 | 21009 | U-Bolt, 5/8" X 4" X 5 1/2" |
| 10 | 356930 | 4 Row Pivot Pin Weldment |
| 11 | 356420 | Marker Extension Arm (Long) |
| 12 | 356950 | Right Angle w/cylinder mount |

| Ref. | Part No. | Description |
|------|----------|---------------------------------|
| - | 356955 | Left Angle w/cylinder mount |
| 13 | 356965 | 4 Row Marker Arm Right (Center) |
| - | 356960 | 4 Row Marker Arm Left (Center) |
| 14 | 356940 | Cylinder Pivot Weldment Right |
| - | 356925 | Cylinder Pivot Weldment Left |
| 15 | 356440 | Marker Disc Mount |
| 16 | 211663 | 3/8" Bushing Spacer (Marker) |
| 17 | 20967 | Roll Pin, 1/4" x 2" |
| 18 | 20826 | Cotter Pin, 3/16" x 1-1/2" |
| 19 | 20507 | Lock Washer, 3/4" |
| 20 | 20407 | Nut, 3/4" |
| 21 | 211845 | Disc with Hub (Double Bearing) |
| 22 | 211850 | Marker Depth Guide Wheel |

| Ref. | Part No. | Description |
|------|----------|------------------------------------|
| 1 | 95171 | Hydraulic Cylinder, 2" x 8" 3/4" |
| 2 | 95169 | 3/4 ORB x 9/16 JIC Elbow |
| 3 | 95167 | 3/4 -16 ORB x 9/16 JIC Adapter |
| 4 | 95169 | 3/4 ORB x 9/16 JIC Elbow |
| 5 | 95168 | Hose End, -6 Straight Female |
| 6 | 83006 | Hose End, -4 to -8 Straight Female |

| Ref. | Part No. | Description |
|------|----------|-----------------------------------|
| 7 | 96289 | Male Tip 3/4" Pioneer End |
| 8 | 95160 | 9/16 JIC Tee |
| 9 | 96048 | Sequence Valve |
| NS | 96704 | Grip, Red Hydraulic Hose Pressure |
| NS | 96705 | Grip, Red Hydraulic Hose Return |
| NS | 83029 | Restrictor, 06 MJ 08 MB .062 |

4 Row Marker (Tractor Tire Mark)



4 Row Marker Package (Tractor Tire Mark)

#3561

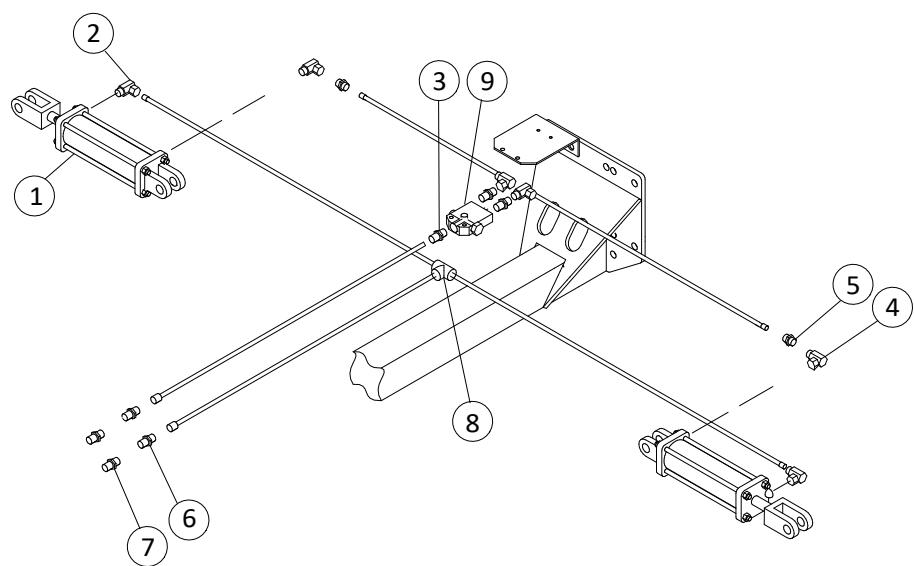
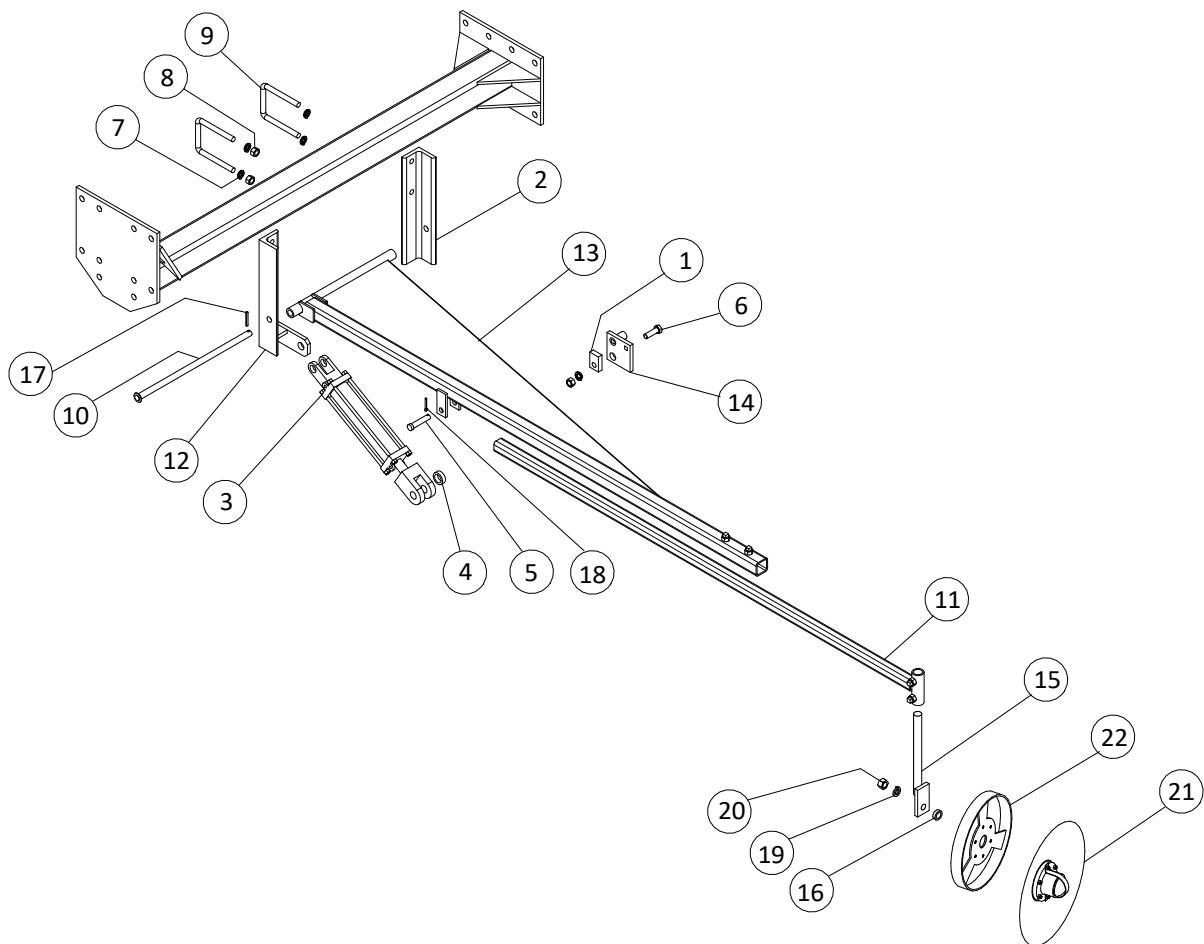
| Ref. | Part No. | Description |
|-------------|-----------------|--------------------------------------|
| 1 | 356928 | Stop Flat |
| 2 | 356953 | Right Angle |
| - | 356952 | Left Angle |
| 3 | 95171 | Hydraulic Cylinder, 2" x 8" |
| 4 | 356929 | Cylinder Spacer Bushing |
| 5 | 20896 | Clevis Pin, 5/8" x 3" |
| 6 | 20065 | Bolt, 5/8" x 2" |
| 7 | 20506 | Lock Washer, 5/8 |
| 8 | 20406 | Nut, 5/8" |
| 9 | 21009 | U-Bolt, 5/8" X 4" X 5 1/2" |
| 10 | 356930 | 4 Row Pivot Pin Weldment |
| 11 | 366750 | Marker Extension Arm 24" Long |
| 12 | 356950 | Right Angle w/ Cylinder Mount |

| Ref. | Part No. | Description |
|-------------|-----------------|---|
| - | 356955 | Left Angle w/ Cylinder Mount |
| 13 | 356935 | 4 Row Marker Arm Right (Tire Tracks) |
| - | 356920 | 4 Row Marker Arm Left (Tire Tracks) |
| 14 | 356940 | Cylinder Pivot Weldment Right |
| - | 356925 | Cylinder Pivot Weldment Left |
| 15 | 356440 | Marker Disc Mount |
| 16 | 211663 | 3/8" Bushing Spacer (Marker) |
| 17 | 20967 | Roll Pin, 1/4" x 2" |
| 18 | 20826 | Cotter Pin, 3/16" x 1-1/2" |
| 19 | 20507 | Lock Washer, 3/4" |
| 20 | 20407 | Nut, 3/4" |
| 21 | 211845 | Disc with Hub (Double Bearing) |
| 22 | 211850 | Marker Depth Guide Wheel |

| Ref. | Part No. | Description |
|-------------|-----------------|---|
| 1 | 95171 | Hydraulic Cylinder, 2" x 8" 3/4" |
| 2 | 95169 | 3/4 ORB x 9/16 JIC Elbow |
| 3 | 95167 | 3/4 -16 ORB x 9/16 JIC Adapter |
| 4 | 95169 | 3/4 ORB x 9/16 JIC Elbow |
| 5 | 95168 | Hose End, -6 Straight Female |
| 6 | 83006 | Hose End, -4 to -8 Straight Female |

| Ref. | Part No. | Description |
|-------------|-----------------|--|
| 7 | 96289 | Male Tip 3/4" Pioneer End |
| 8 | 95160 | 9/16 JIC Tee |
| 9 | 96048 | Sequence Valve |
| NS | 96704 | Grip, Red Hydraulic Hose Pressure |
| NS | 96705 | Grip, Red Hydraulic Hose Return |
| NS | 83029 | Restrictor, 06 MJ 08 MB .062 |

6 Row Marker



6 Row Marker Package

#3571

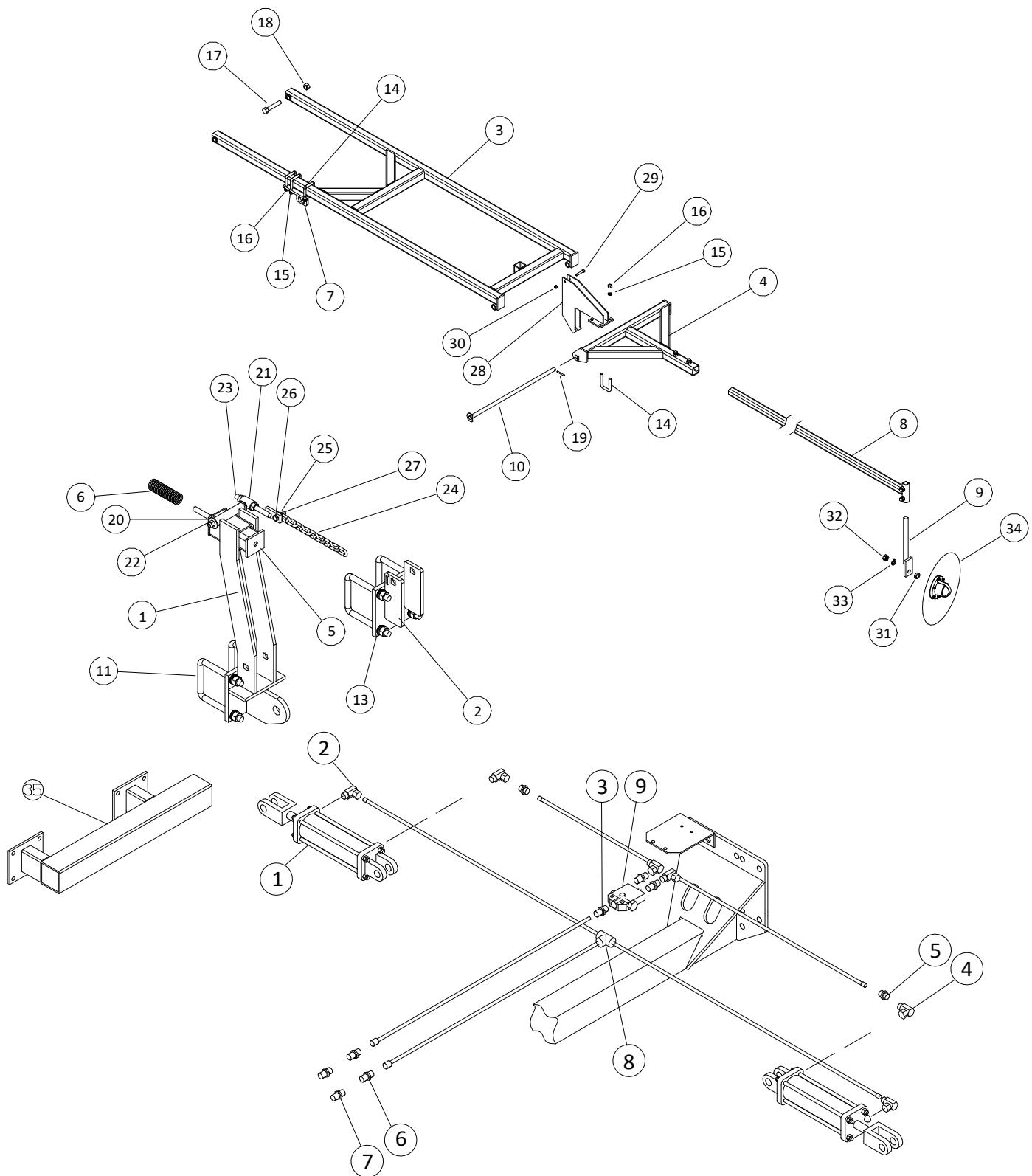
| Ref. | Part No. | Description |
|------|----------|------------------------------|
| 1 | 356928 | Stop Flat |
| 2 | 356953 | Right Angle Paint Only |
| - | 356952 | Left Angle Paint Only |
| 3 | 95171 | Hydraulic Cylinder, 2" x 8" |
| 4 | 356929 | Cylinder Spacer Bushing |
| 5 | 20896 | Clevis Pin, 5/8" x 3" |
| 6 | 20065 | Bolt, 5/8" x 2" |
| 7 | 20506 | Lock Washer, 5/8" |
| 8 | 20406 | Nut, 5/8" |
| 9 | 21009 | U-Bolt, 5/8" X 4" X 5 1/2" |
| 10 | 356430 | Marker Pivot Pin |
| 11 | 356420 | Marker Extension Arm (Long) |
| 12 | 356950 | Right Angle w/cylinder mount |

| Ref. | Part No. | Description |
|------|----------|--------------------------------|
| - | 356955 | Left Angle w/cylinder mount |
| 13 | 356970 | 6 Row Marker Arm Right |
| - | 356975 | 6 Row Marker Arm Left |
| 14 | 356940 | Cylinder Pivot Weldment Right |
| - | 356925 | Cylinder Pivot Weldment Left |
| 15 | 356440 | Marker Disc Mount |
| 16 | 211663 | 3/8" Bushing Spacer (Marker) |
| 17 | 20967 | Roll Pin, 1/4" x 2" |
| 18 | 20826 | Cotter Pin, 3/16" x 1-1/2" |
| 19 | 20507 | Lock Washer, 3/4" |
| 20 | 20407 | Nut, 3/4" |
| 21 | 211845 | Disc with Hub (Double Bearing) |
| 22 | 211850 | Marker Depth Guide Wheel |

| Ref. | Part No. | Description |
|------|----------|------------------------------------|
| 1 | 95171 | Hydraulic Cylinder, 2" x 8" 3/4" |
| 2 | 95169 | 3/4 ORB x 9/16 JIC Elbow |
| 3 | 95167 | 3/4 -16 ORB x 9/16 JIC Adapter |
| 4 | 95169 | 3/4 ORB x 9/16 JIC Elbow |
| 5 | 95168 | Hose End, -6 Straight Female |
| 6 | 83006 | Hose End, -4 to -8 Straight Female |

| Ref. | Part No. | Description |
|------|----------|-----------------------------------|
| 7 | 96289 | Male Tip 3/4" Pioneer End |
| 8 | 95160 | 9/16" JIC Tee |
| 9 | 96048 | Sequence Valve |
| NS | 96704 | Grip, Red Hydraulic Hose Pressure |
| NS | 96705 | Grip, Red Hydraulic Hose Return |
| NS | 83029 | Restrictor, 06 MJ 08 MB .062 |

Bi-Fold Marker



Bi-Fold Marker Package
#3572 – 6 Row Bi-Fold Marker Package
#3591 - 8-Row Bi-Fold Marker Package

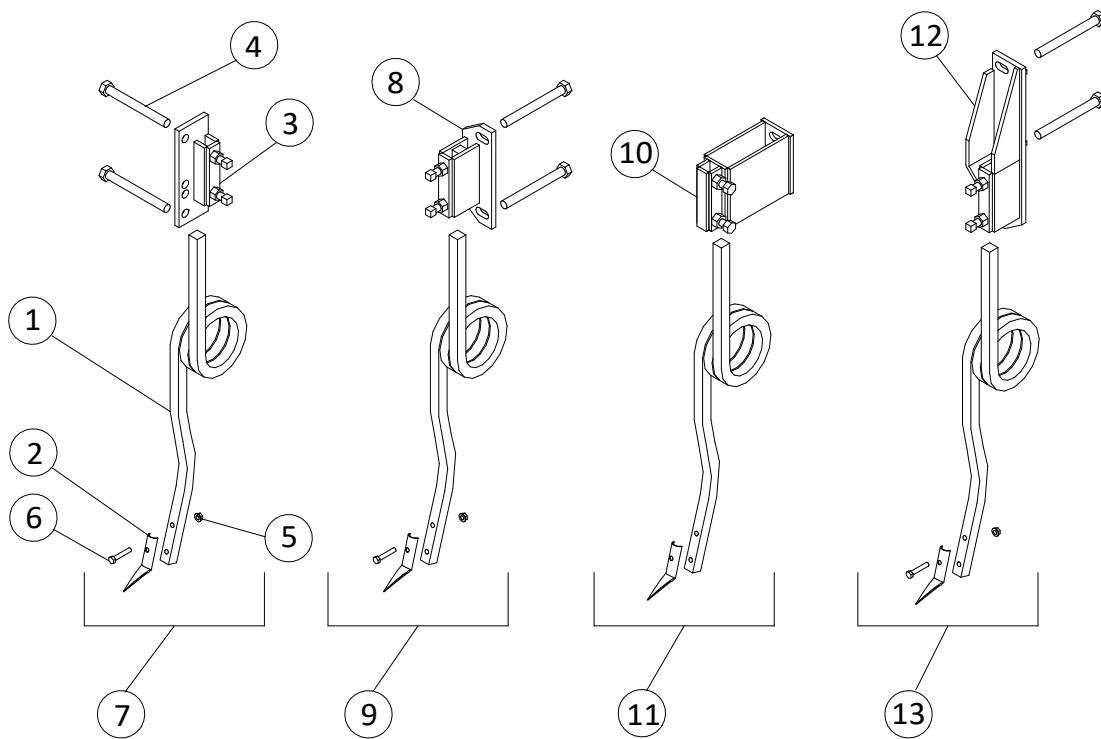
| Ref. | Part No. | Description |
|------|----------|-------------------------------|
| 1 | 380240 | 8 Row Upright Weldment Long |
| 2 | 380270 | 8 Row Upright Weldment Short |
| 3 | 380180 | 8 Row Inner Frame Weldment |
| 4 | 380280 | Bi-Fold Outer Frame Weldment |
| 5 | 380255 | Inner Slide Tube Weldment |
| 6 | 94016 | C-892 Spring - Bi-Fold Marker |
| 7 | 356160 | 8R Marker Cylinder Mount |
| 8 | 356420 | Marker Extension Arm (Long) |
| 9 | 356440 | Marker Disc Mount |
| 10 | 368115 | Bi-Fold Pivot Pin Weldment |
| 11 | 21009 | U-Bolt, 5/8" X 4" X 5 1/2" |
| 12 | 20506 | Lock Washer, 5/8" |
| 13 | 20406 | Nut, 5/8" |
| 14 | 21000 | 1/2" X 2" X 3" U-Bolt |
| 15 | 20504 | Lock Washer, 1/2" |
| 16 | 20404 | Nut, 1/2" |
| 17 | 20086 | Bolt, 3/4 X 4" |
| 18 | 20428 | Center Lock Nut, 3/4" |

| Ref. | Part No. | Description |
|------|----------|---------------------------------|
| 19 | 20967 | 1/4" X 2" Spring Lock Pin Plain |
| 20 | 20514 | Flat Washer, 7/16" |
| 21 | 380250 | Marker Pivot Weldment |
| 22 | 20424 | Centerlock Nut, 7/16" |
| 23 | 380265 | Chain Adjustment Weldment |
| 24 | 368105 | Bi-Fold Marker Chain |
| 25 | 20513 | Washer, 3/8" |
| 26 | 20120 | Bolt, 3/8" x 1-1/4" |
| 27 | 20402 | Nut, 3/8" |
| 28 | 380260 | 8 Row Cam Weldment '04 |
| 29 | 20031 | Bolt, 3/8 x 2" |
| 30 | 20423 | Centerlock Nut, 3/8" |
| 31 | 211663 | Bushing Spacer, 3/8" |
| 32 | 20407 | Nut, 3/4" |
| 33 | 20507 | Lock Washer, 3/4" |
| 34 | 211845 | Disc with Hub (Double Bearing) |
| 35 | 356980 | Marker Offset Weldment |
| 19 | 20967 | Spring Lock Pin Plain, 1/4 X 2" |

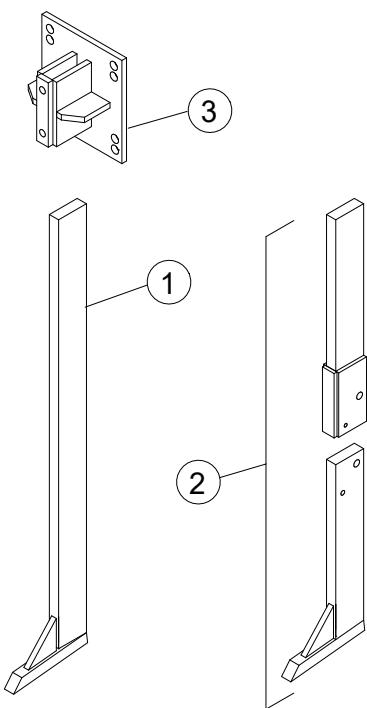
| Ref. | Part No. | Description |
|------|----------|--------------------------------|
| 1 | 95171 | 2" x 8" 3/4" ORB Port Cylinder |
| 2 | 95169 | 3/4 ORB x 9/16 JIC Elbow |
| 3 | 95167 | 3/4 -16 ORB x 9/16 JIC Adapter |
| 4 | 95166 | ORB Elbow Restrictor |
| 5 | 95165 | 3/8 Pipe Thread Adapter 37° |

| Ref. | Part No. | Description |
|------|----------|----------------------------|
| 6 | 95170 | 9/16 JIC x 1/2 MPT Adapter |
| 7 | 95012 | Male Tip 1/2" Pioneer End |
| 8 | 95160 | 9/16 JIC Tee |
| 9 | 96048 | Sequence Valve |
| 6 | 95170 | 9/16 JIC x 1/2 MPT Adapter |

1" Coil Shanks



Chisel Markers



1" Coil Shanks

| Ref. | Part No. | Description |
|------|----------|-------------------------|
| 1 | 96153 | 1" Coil Shank |
| 2 | 90108 | Alloy Point with Rubber |
| 3 | 223410 | 1" Coil Shank Clamp |
| 4 | 20090 | Bolt, 3/4" X 7" |
| 5 | 20471 | Flange Nut, 3/8" |
| 6 | 20031 | Bolt, 3/8" X 2" |
| 7 | 223400 | Coil Shank Assembly |

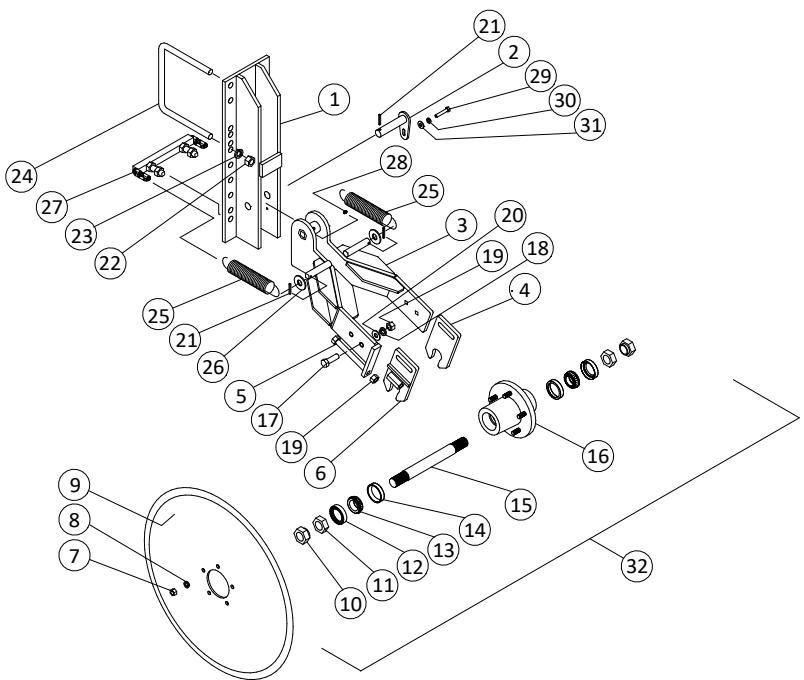
| Ref. | Part No. | Description |
|------|----------|-----------------------------------|
| 8 | 223420 | Coil Shank Clamp Long |
| 9 | 223480 | 1" Coil Shank Long Clamp Assembly |
| 10 | 357960 | 1" Coil Shank Clamp |
| 11 | 357935 | Coil Shank Assy for Fertilizer |
| 12 | 223430 | Center Coil Shank Mount Weldment* |
| 13 | 223485 | 1" Coil Shank Center Assembly* |

*For Rear Toolbar

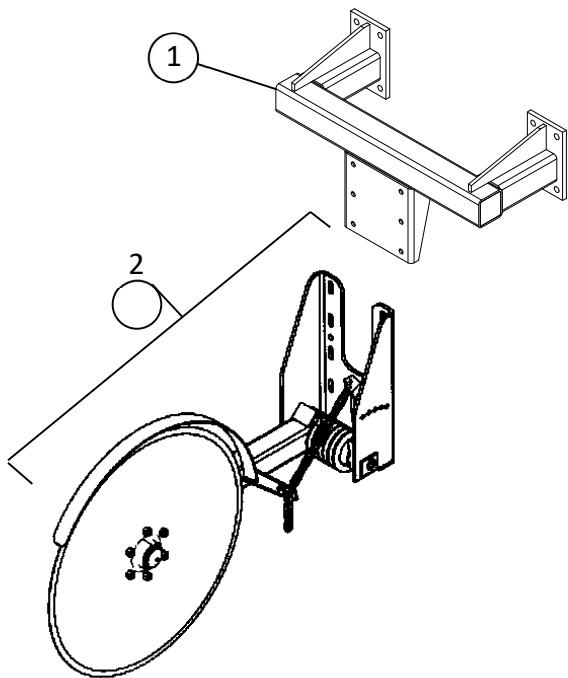
Chisel Markers

| Ref. | Part No. | Description |
|------|----------|---------------------------|
| 1 | 222100 | Chisel Marker Shank |
| 2 | 222120 | Chisel Marker Trip Shank |
| 3 | 222200 | Chisel Marker Clamp Mount |

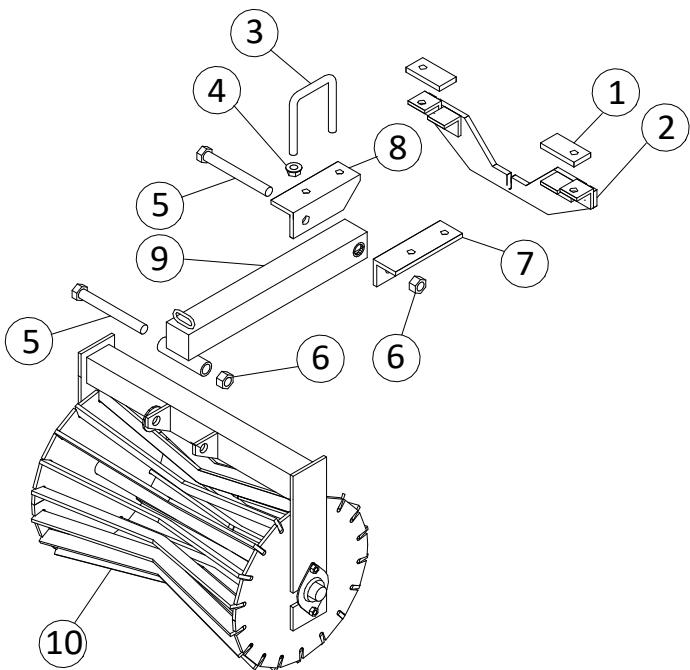
Stabilizer Disc Assembly
#229490



Sunco Stabilizer
#355865



Packer Assembly for Rear Ripper
#358900



Stabilizer Disc Assembly Spring Loaded
#229490

| Ref. | Part No. | Description |
|------|----------|----------------------------------|
| 1 | 229555 | Cushion Disc Mount |
| 2 | 229505 | Stabilizer Pivot Pin |
| 3 | 229550 | Cushion Disc Frame Weldment |
| 4 | 229535 | Disc Hub Mount |
| 5 | 229508 | Adjuster Rod |
| 6 | 229530 | Disc Hub Mount W/Nut |
| 7 | 20405 | Nut, $\frac{1}{2}$ " NF |
| 8 | 20504 | Lock Washer, $\frac{1}{2}$ " |
| 9 | 90030 | 27" Flat Coulter Blade |
| 10 | 127660 | Shoulder Nut, 1 $\frac{1}{4}$ " |
| 11 | 20461 | Jam Nut, 1 $\frac{1}{4}$ " NF |
| 12 | 95086 | SE 13 Oil Seal Cr |
| 13 | 95094 | Cone Bearing |
| 14 | 95093 | Bearing Cup |
| 15 | 90004 | Spindle Double Yoke 1 3/8" X 11" |
| 16 | 90003 | Double Yoke Hub W/Cup |

| Ref. | Part No. | Description |
|------|----------|--|
| 17 | 90065 | Bolt, 5/8" X 2" |
| 18 | 20506 | Lock Washer, 5/8" |
| 19 | 20406 | Nut, 5/8" |
| 20 | 20536 | Washer, 5/8" |
| 21 | 20965 | Roll Pin, $\frac{1}{4}$ " X 1 $\frac{1}{2}$ " |
| 22 | 20407 | Nut, $\frac{3}{4}$ " |
| 23 | 20507 | Lock Washer, $\frac{3}{4}$ " |
| 24 | 21018 | U-Bolt, $\frac{3}{4}$ " X 7" X 6 $\frac{1}{2}$ " |
| 25 | 21508 | Spring, Disc Opener |
| 26 | 21335 | Washer, 10 Gauge 7/8" |
| 27 | 229540 | Spring Mount |
| 28 | 95035 | Grease Zerk, 1/8" NPT |
| 29 | 20029 | Bolt, 3/8" X 1" |
| 30 | 80004 | Lock Washer, 3/8" |
| 31 | 20513 | Washer, 3/8" |
| 32 | 127600 | Hub w/ Spindle Assembly |

Sunco Stabilizer Disc Assembly
#355865

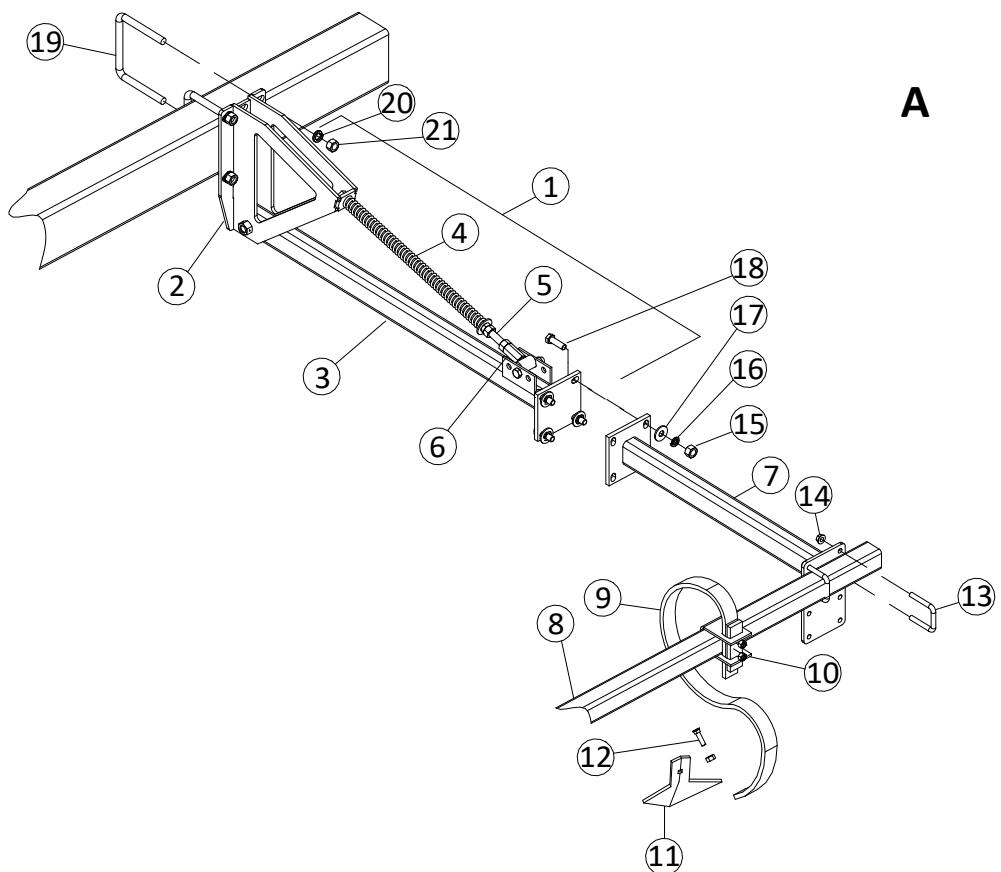
| Ref. | Part No. | Description |
|------|----------|-------------------------|
| 1 | 355860 | Mount, Sunco Stabilizer |
| 2 | 96248 | Sunco Stabilizer |

Packer Assembly For Rear Ripper
#358900

| Ref. | Part No. | Description |
|------|----------|-----------------------------------|
| 1 | 358905 | S-Tine Packer Mount Tab |
| 2 | 358910 | S-Tine Packer Chain Mount |
| 3 | 21002 | U-Bolt, $\frac{1}{2}$ " X 3" X 4" |
| 4 | 20505 | Flange Nut, $\frac{1}{2}$ " |
| 5 | 20072 | Bolt, 5/8" X 5 $\frac{1}{2}$ " |
| 6 | 20427 | Lock Nut, 5/8" |

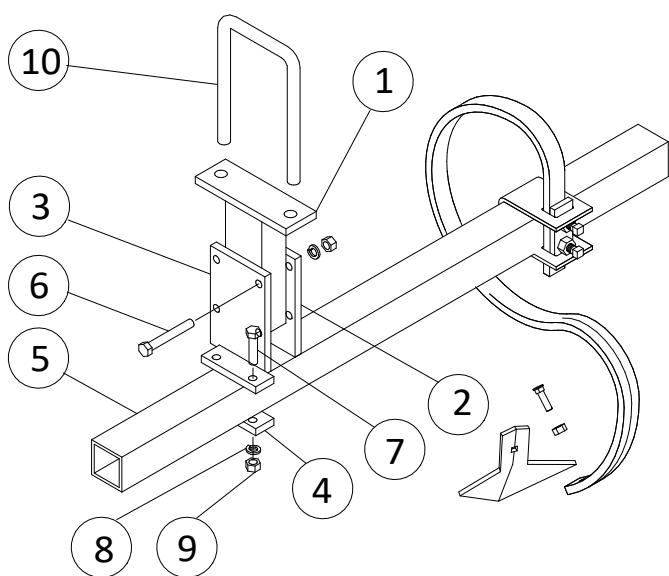
| Ref. | Part No. | Description |
|------|----------|----------------------------------|
| 7 | 358920 | Mount Angle Right |
| 8 | 358925 | Mount Angle Right |
| 9 | 358910 | S-Tine Packer Chain Mount |
| 10 | 358930 | Packer Mount Arm |
| - | 357100 | Packer Wheel/Frame Assembly Only |

Rear Ripper



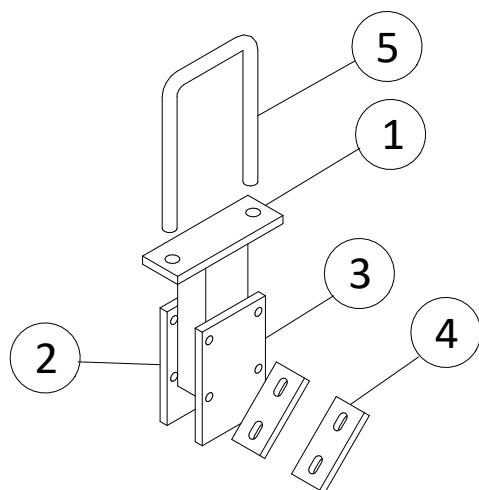
A

Drop Tube Ripper



B

45° Ripper



C

Ripper Assemblies

| Ref. | Part No. | Description |
|------|----------|------------------------------------|
| 1 | 355430 | Ripper Arm Sub Assembly - 48" long |
| 2 | 355735 | Ripper Angle Weldment |
| 3 | 355390 | Ripper Arm Weldment 48" long |
| 4 | 501051 | Compression Spring |
| 5 | 501050 | Linkage Adjustment Bolt |
| 6 | 355447 | Coupler Weldment |
| 7 | 355415 | 30" Ripper Extension |
| - | 355410 | 19" Ripper Extension |
| - | 355400 | 11" Ripper Extension |
| 8 | 355426* | Rear Ripper Cross Tube 24 ft. |
| 9 | 212115 | Vertical S-Tine |
| 10 | 201035 | Vertical Clamp |

| Ref. | Part No. | Description |
|------|----------|--------------------------------|
| 11 | 212500 | 7" Shovels |
| 12 | 213800 | S-Tine Shovel Bolt Gr. 8 |
| 13 | 21038 | U-Bolt, 1/2" x 2 1/2" x 3 1/4" |
| 14 | 20505 | Flange Nut, 1/2" |
| 15 | 20406 | Nut, 5/8" |
| 16 | 20506 | Lock Washer, 5/8" |
| 17 | 20536 | Washer, 5/8" |
| 18 | 20065 | Bolt, 5/8" x 2" |
| 19 | 21018 | U-Bolt, 3/4" x 7" x 6 1/2" |
| 20 | 20507 | Lock Washer, 3/4" |
| 21 | 20407 | Nut, 3/4" |

*Specify length when ordering

A

Drop tube Ripper

| Ref. | Part No. | Description |
|------|----------|---------------------------------|
| 1 | 355475 | Drop Tube Weldment |
| 2 | 355478 | Drop Tube Backing Plate |
| - | 355559 | Lower Bar Mount Dual (Optional) |
| 3 | 355470 | Lower Bar Mount |
| 4 | 355479 | Backing Plate (2 1/2" Tube) |

| Ref. | Part No. | Description |
|------|----------|-------------------------------|
| 5 | 355426* | Rear Ripper Cross Tube 24 ft. |
| 6 | 20057 | Bolt, 1/2" x 3 1/2" |
| 7 | 20059 | Bolt, 1/2" x 4 1/2" |
| 8 | 20504 | Washer, 1/2" Lock |
| 9 | 20404 | Nut, 1/2" |

B

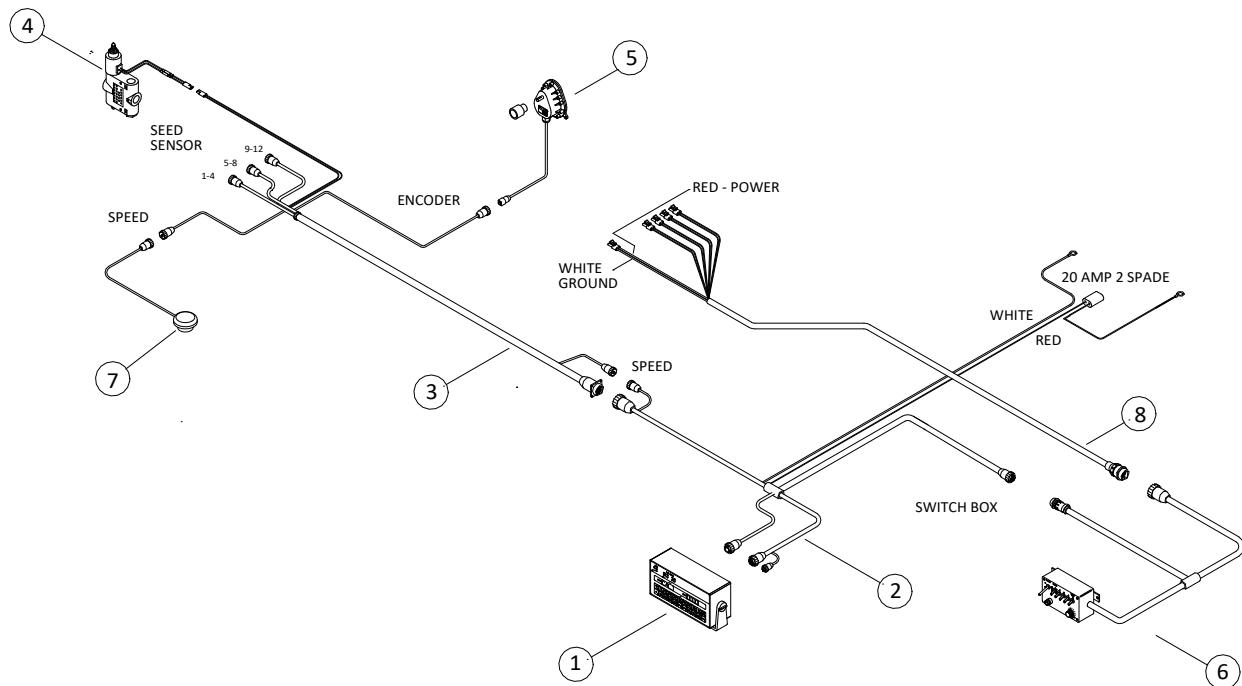
*Specify length when ordering

45° Ripper

| Ref. | Part No. | Description |
|------|----------|------------------------------|
| 1 | 355475 | Drop Tube Weldment |
| 2 | 355478 | Drop Tube Backing Plate |
| 3 | 355490 | Lower Bar Mount Weldment 45° |
| 4 | 355495 | Backing Plate 45° |

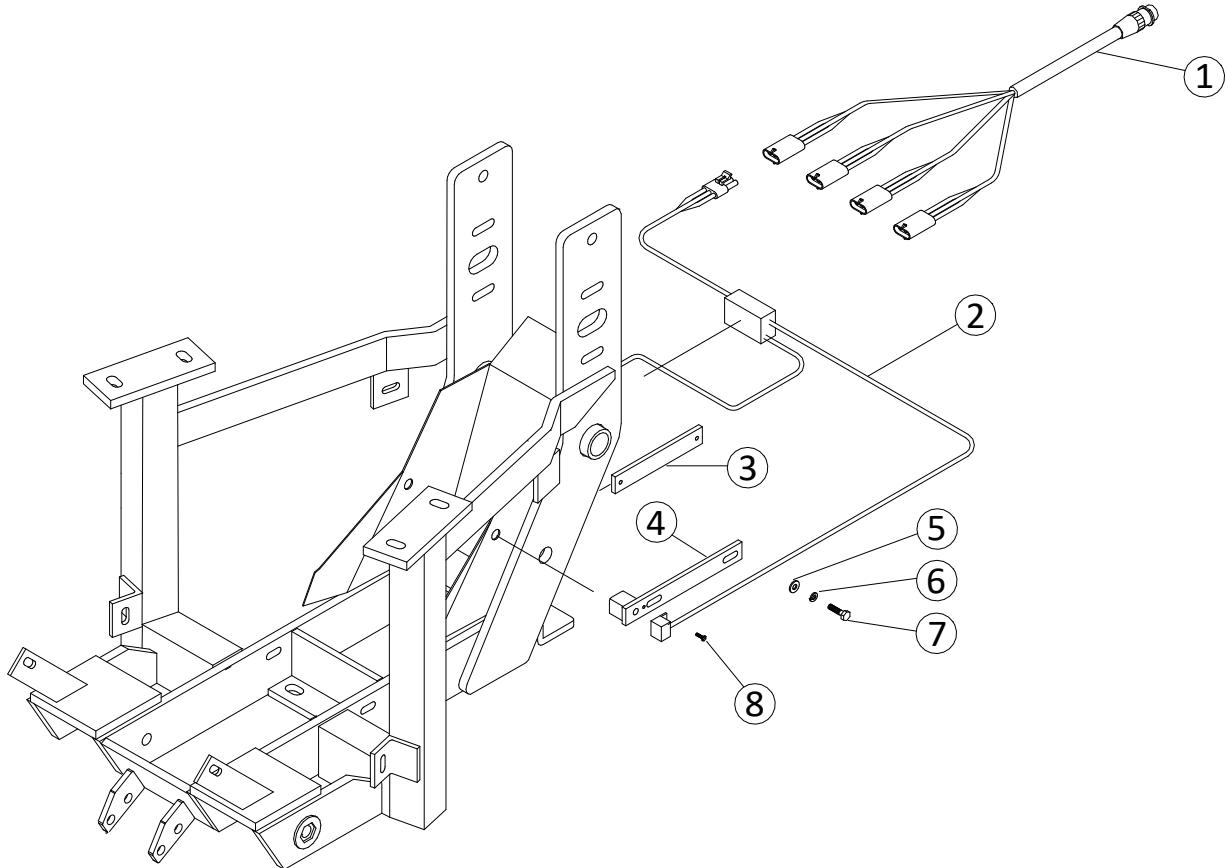
C

Raven 662
#355690



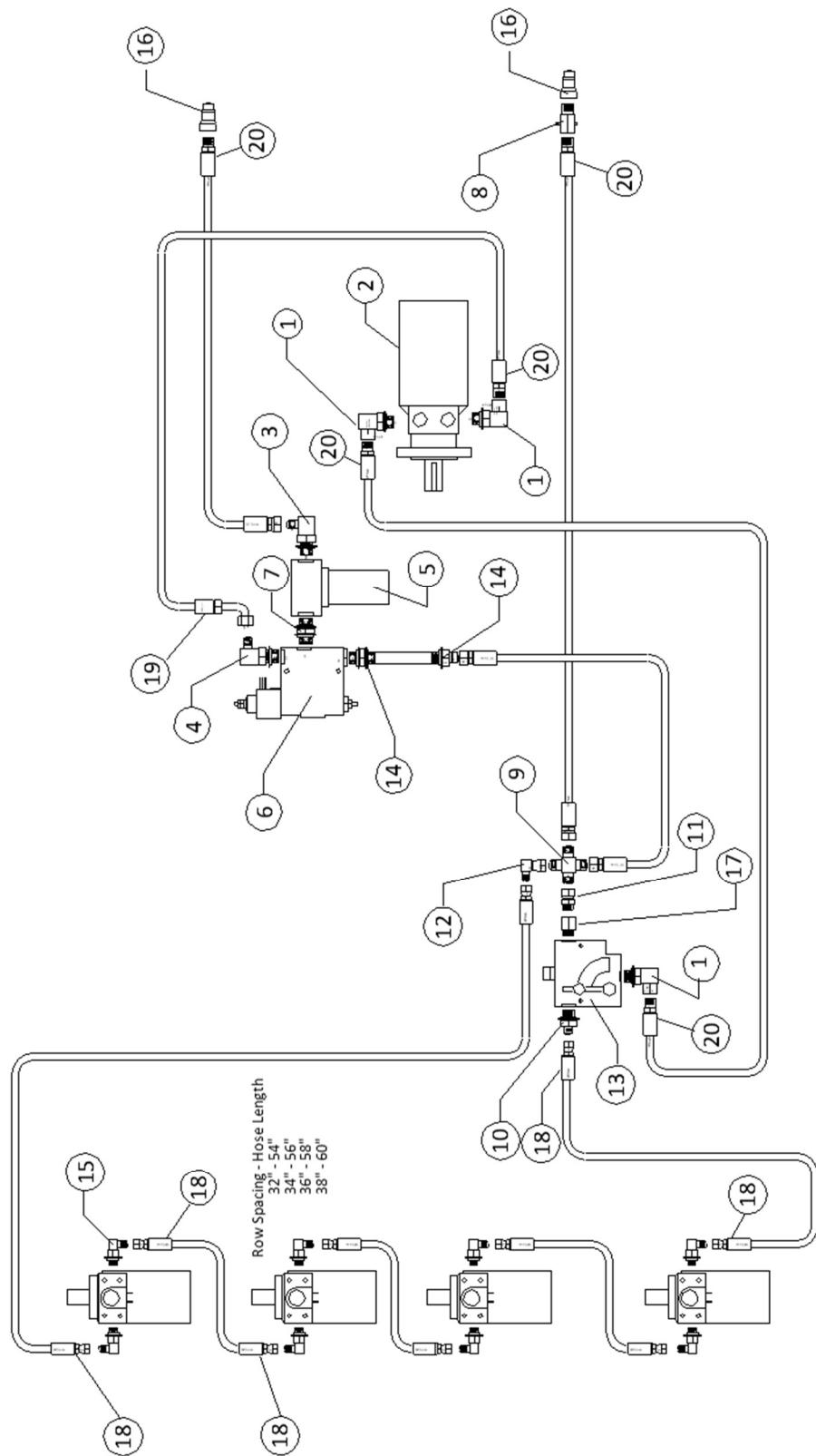
| Ref. | Part No. | Description |
|------|----------|--------------------------------------|
| 1 | 97100 | SCS 662 Console |
| 2 | 97101 | Console Cable 10' |
| 3 | 97102 | Product Cable 6' |
| 4 | 97115 | Hyd. Valve Pulse Width 10 GPM |
| 5 | 97104 | Encoder 180 CPR |
| 6 | 97156 | Switchbox w/o Cable |
| 7 | 97127 | Raven Radar |
| 8 | 97157 | Switchbox Cable |

Raven Seed Sensor
#358020 - 4 Row Package
#358025 - 6 Row Package
#358030 - 8 Row Package



| Ref. | Part No. | Description |
|------|----------|--------------------------------|
| 1 | 97094 | Cable Harriston W/DJ Sensor 4R |
| - | 97142 | Cable Harriston W/DJ Sensor 6R |
| - | 97141 | Cable Harriston W/DJ Sensor 8R |
| NS | 97098 | 12' Cable Extension |
| 2 | 97052 | Dickey John Sensor Package |
| 3 | 353578 | Backup Strap |
| 4 | 353571 | Right Dickey Monitor Mount |
| NS | 353572 | Left Dickey Monitor Mount |
| 5 | 20500 | 1/4" Flat Washer |
| 6 | 20003 | 1/4" Lock Washer |
| 7 | 20003 | 1/4" X 1 1/4" NC GR 5 Bolt |
| 8 | 20270 | 8 X 1/2" Self-Tapped Screw |

Raven 662 Hydraulics

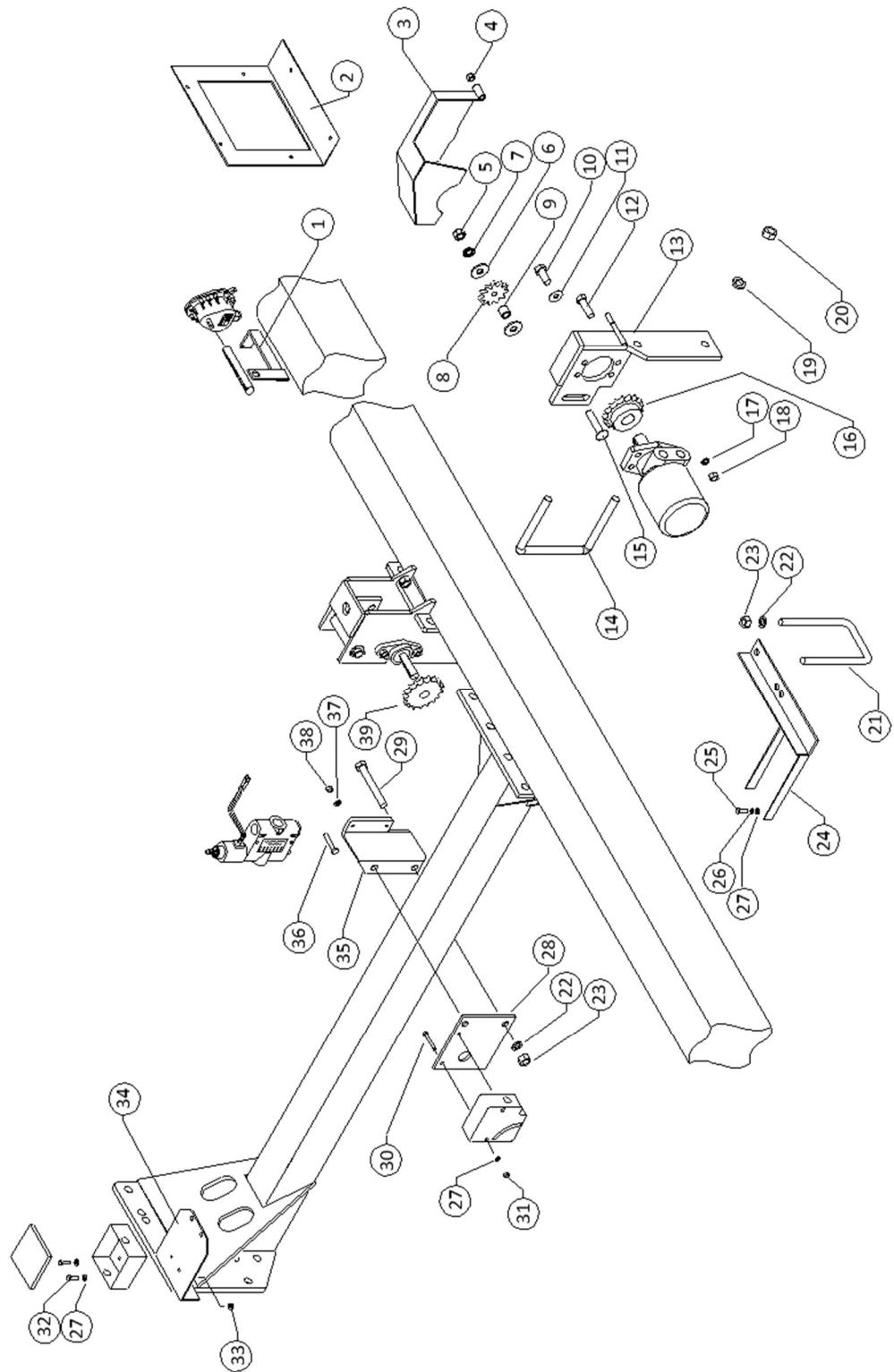


Raven 662 Hydraulics

| Ref. | Part No. | Description |
|-------------|-----------------|---|
| 1 | 83207 | 7/8 ORB x 1/2" NPT Female Swivel 90° |
| 2 | 95200 | Pickup Hydraulic Motor |
| 3 | 95177 | 1-1/6" ORB x 3/4 Jic Elbow |
| 4 | 95314 | Straight, 5/8" JIC Male X #12 ORB Male |
| 5 | 96225 | Filter,Oil (Zinga) |
| 6 | 97115 | Hydraulic Valve Pulse Width 10 gpm |
| 7 | 83383 | Elbow, Hyd. 5/8" JIC x 3/4 ORB |
| 8 | 96067 | Flow Check Valve |
| 9 | 95312 | 4-Way Cross Adaptor JIC Male 3/4 |
| 10 | 95185 | 7/8 Orb x 9/16 Jic adapter |
| 11 | 95310 | Swivel ORB to JIC |

| Ref. | Part No. | Description |
|-------------|-----------------|--|
| 12 | 95173 | 90° Elbow 9/16 jic x 3/4 female jic |
| 13 | 95223 | 1/2" Flow Control w/ Relief |
| 14 | 96214 | Connector, Jic #8 to Oring #12 |
| 15 | 95176 | 90° elbow 9/16 jic x 9/16 orb |
| 16 | 95012 | Universal Male Tip 1/2" Pioneer End |
| 17 | 95311 | Adaptor 3/4 JIC Female-7/8 ORB Male |
| 18 | 96072 | 9/16 Jic Swivel Female |
| 19 | 95155 | 1/2 Hose End 90 Swivel |
| 20 | 95007 | 1/2 to 1/2 Ipt Solid Male Hose End |
| 21 | 83019 | 1/2 x 3/4 Swivel Female Jic |
| | | |

Raven Hydraulic Drive Mounting Hardware

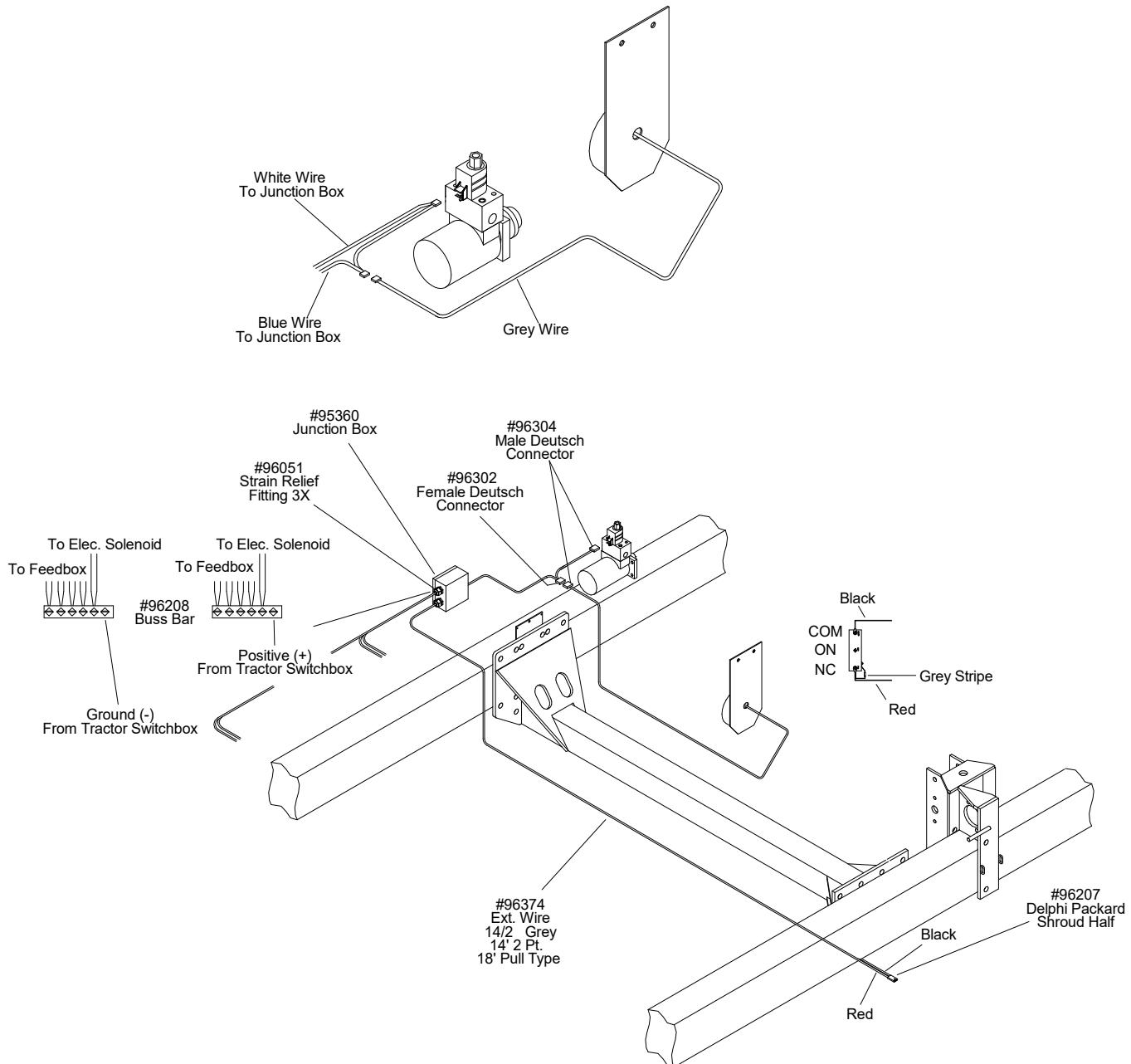


Raven Hydraulic Drive Mounting Hardware

| Ref. | Part No. | Description |
|-------------|-----------------|---------------------------------|
| 1 | 355655 | Raven Shaft Monitor Mount |
| 2 | 355660 | Raven Console Mount |
| 3 | 355645 | Hydraulic Drive Shield Weldment |
| 4 | 20424 | 7/16" Lock Nut |
| 5 | 20406 | 5/8" Nuts |
| 6 | 20506 | 5/8" Lock Washer |
| 7 | 20536 | 5/8" Zinc Plated Flat Washer |
| 8 | 96023 | 6011E Idler Sprocket 5/8" |
| 9 | 355633 | Idler Spacer |
| 10 | 20127 | 5/8" X 1 1/2" Bolt |
| 11 | 21312 | 5/8" Narrow Gauge Bushing |
| 12 | 20053 | 1/2" X 2" bolt |
| 13 | 355640 | Hydraulic Motor Mount Weldment |
| 14 | 21018 | 3/4" x 7" x 6-1/2" U-Bolt |
| 15 | 20769 | 5/8" x 3" Carriage Bolts |
| 16 | 96146 | 6013 X 1 1/4" Hardened Sprocket |
| 17 | 20504 | 1/2" Lock washer |
| 18 | 20404 | 1/2" Nuts |
| 19 | 20507 | 3/4" Lock Washer |
| 20 | 20407 | 3/4" Nut |

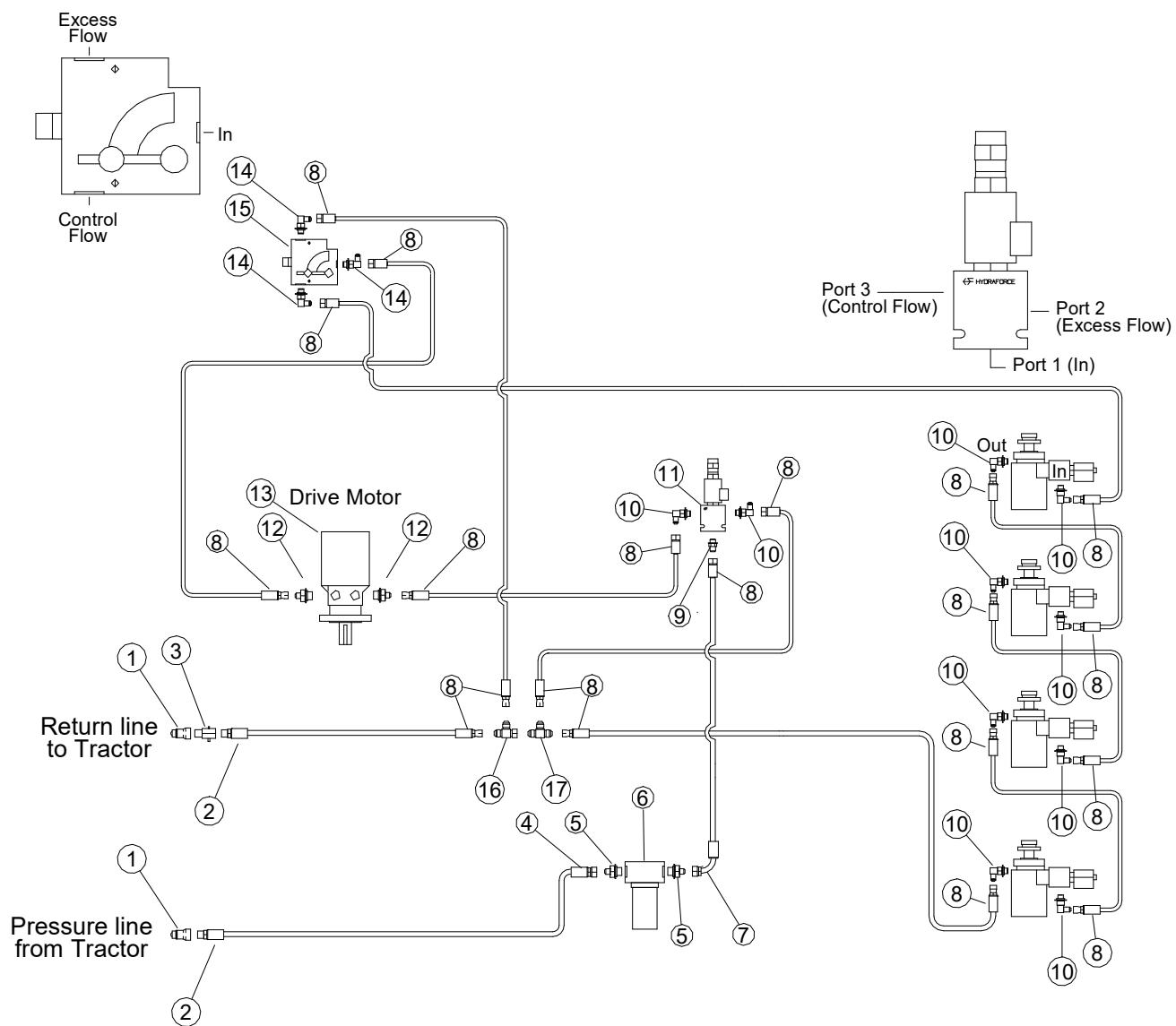
| Ref. | Part No. | Description |
|-------------|-----------------|-------------------------------|
| 21 | 21012 | 5/8" x 5" x 8 1/2" Ubolt |
| 22 | 20506 | 5/8" Lock Washer |
| 23 | 20406 | 5/8" Nut |
| 24 | 355675 | Raven Radar Mount |
| 25 | 20002 | 1/4" x 1" Bolt |
| 26 | 20500 | 1/4" Lock Washer |
| 27 | 20511 | 1/4" Flat Washer |
| 28 | 355587 | Flow Control Mount Plate |
| 29 | 20081 | 5/8" X 5 1/2" |
| 30 | 20006 | 1/4" x 2-1/2" Bolt |
| 31 | 20400 | 1/4" NC Nut |
| 32 | 20003 | 1/4" X 1 1/4" Bolt |
| 33 | 20475 | 1/4" Flange Nut |
| 34 | 355111 | Valve Mount Flat |
| 35 | 355658 | Raven Pulse Width Valve Mount |
| 36 | 20112 | 3/8" X 3" Bolt |
| 37 | 20502 | 3/8" Lock Washer |
| 38 | 20402 | 3/8" Nut |
| 39 | 96071 | 6021 X 1" Hardened Sprocket |
| NS | 355216 | Drive Chain |

Feedbox Electrical System for Raven



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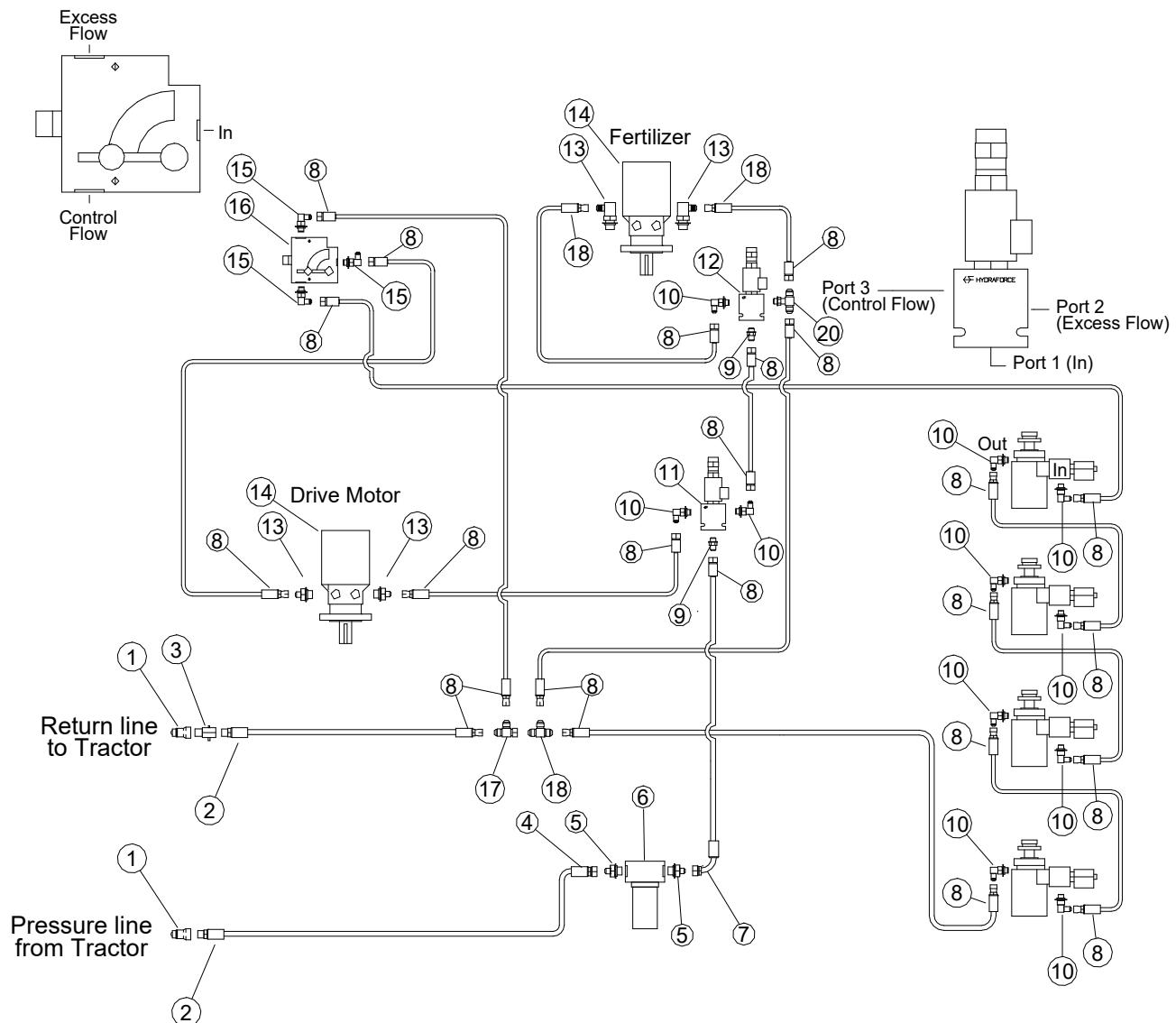
Harriston Drive - Hydraulic System



Harriston Drive Hydraulic System (without Fertilizer)

| Ref. | Part No. | Description |
|------|----------|---|
| 1 | 96289 | Pioneer Tip, $\frac{3}{4}$ " |
| 2 | 83070 | Hose End, 3/8" hose to $\frac{1}{2}$ " ORB |
| 3 | 95501 | Check Valve |
| 4 | 83017 | Hose End, 3/8" hose to $\frac{1}{2}$ " JIC |
| 5 | 96214 | Fitting, $\frac{1}{2}$ " JIC to $\frac{3}{4}$ " ORB |
| 6 | 95460 | Oil Filter |
| 7 | 95154 | Hose End, 3/8" hose to $\frac{3}{4}$ " JIC Elbow |
| 8 | 96072 | Hose End, 3/8" hose to 3/8" JIC |
| 9 | 95158 | Fitting, 3/8" JIC to 3/8" ORB |
| 10 | 95176 | Fitting, 3/8" JIC to 3/8" ORB Elbow |
| 11 | 97234 | PWM Valve, 8 GPM |
| 12 | 95185 | Fitting, 7/8" ORB to 9/16 JIC |
| 13 | 95375 | Hydraulic Motor, Planter Drive |
| 14 | 95223 | Fitting, 9/16" JIC to 7/8" ORB Elbow |
| 15 | 97418 | Valve, Flow Control |
| 16 | 13451-00 | Fitting, 3/8" Run Tee |
| 17 | 95160 | Fitting, 3/8" Tee |

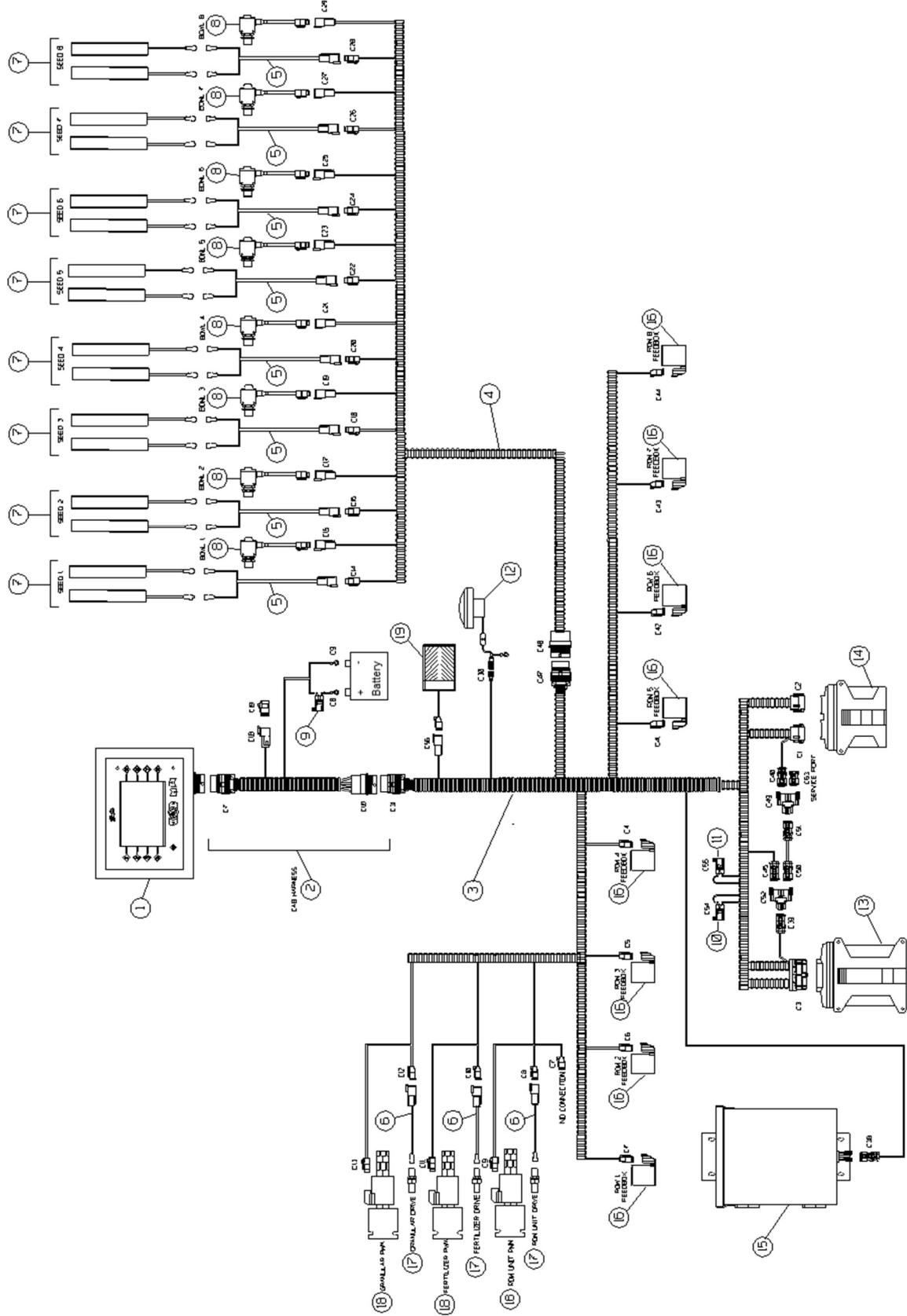
Harriston Drive With Dry Fertilizer - Hydraulic System



Harriston Drive Hydraulic System (with Fertilizer)

| Ref. | Part No. | Description |
|------|----------|--|
| 1 | 96289 | Pioneer Tip, $\frac{3}{4}$ " |
| 2 | 83070 | Hose End, 3/8" hose to 1/2" ORB |
| 3 | 95501 | Check Valve |
| 4 | 83017 | Hose End, 3/8" hose to 1/2" JIC |
| 5 | 96214 | Fitting, 1/2" JIC to $\frac{3}{4}$ " ORB |
| 6 | 95460 | Oil Filter |
| 7 | 95154 | Hose End, 3/8" hose to 3/4" JIC Elbow |
| 8 | 96072 | Hose End, 3/8" hose to 3/8" JIC |
| 9 | 95158 | Fitting, 3/8" JIC to 3/8" ORB |
| 10 | 95176 | Fitting, 3/8" JIC to 3/8" ORB Elbow |
| 11 | 97234 | PWM Valve, 8 GPM |
| 12 | 97233 | PWM Valve, 4 GPM |
| 13 | 95185 | Fitting, 7/8" ORB to 9/16 JIC |
| 14 | 95375 | Hydraulic Motor, Planter Drive |
| 15 | 95279 | Fitting, 9/16" JIC to 7/8" ORB Elbow |
| 16 | 95223 | Valve, Flow Control |
| 17 | 13451-00 | Fitting, 3/8" Run Tee |
| 18 | 95160 | Fitting, 3/8" Tee |
| 19 | 97286 | Hydraulic Motor, Fertilizer Drive |
| 20 | 83210 | Fitting, Tee 3/8" ORB to 3/8" JIC |

Harrison Drive Electrical System



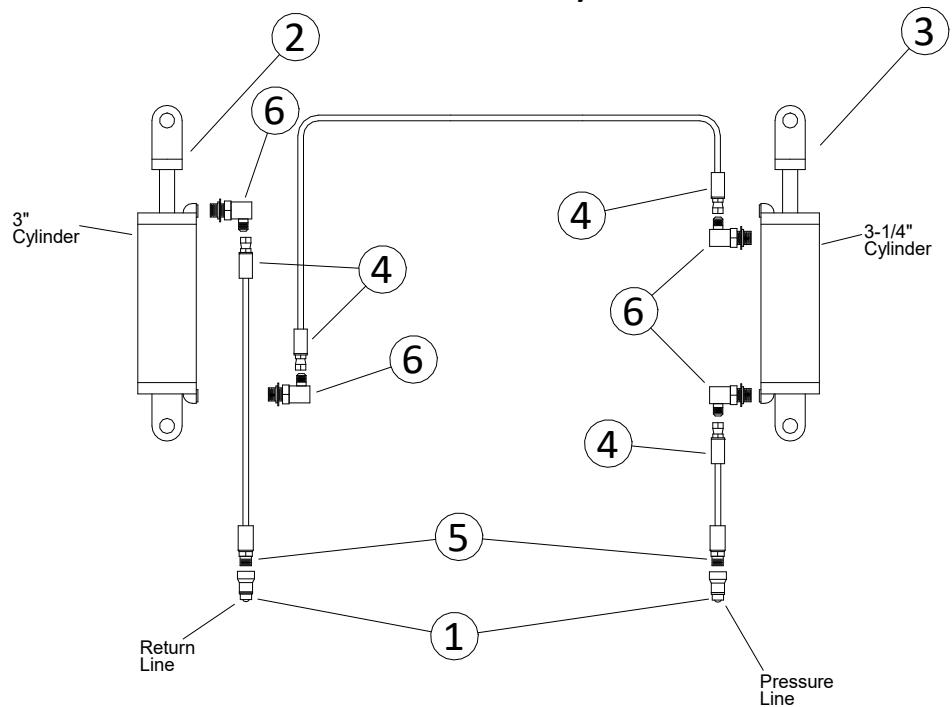
Harriston Drive Electrical System

| Ref. | Part No. | Description |
|------|----------|--|
| 1 | 97288 | Display, Harriston Drive DP600 |
| 2 | 97294 | Harness, Harriston Drive Cab |
| 3 | 97284 | Harness, Harriston Drive Main 4 Row |
| - | 97290 | Harness, Harriston Drive Main 6 Row |
| - | 97291 | Harness, Harriston Drive Main 8 Row |
| - | 97310 | Harness, Harriston Drive Main 10 Row |
| NS | 97299 | Harness, Harriston Drive Extension 10' |
| 4 | 95446 | Harness, Seed Sensor |
| 5 | 400084 | Cable, Motor Speed Sensor |
| 6 | 390193 | Seed Sensor, Curtain w/ Glass (Sold as set only) |
| 7 | 400082 | Sensor, Bowl Level |
| 8 | 95360 | Fuse, 80 A |
| 9 | 97318 | Fuse, 25 A |

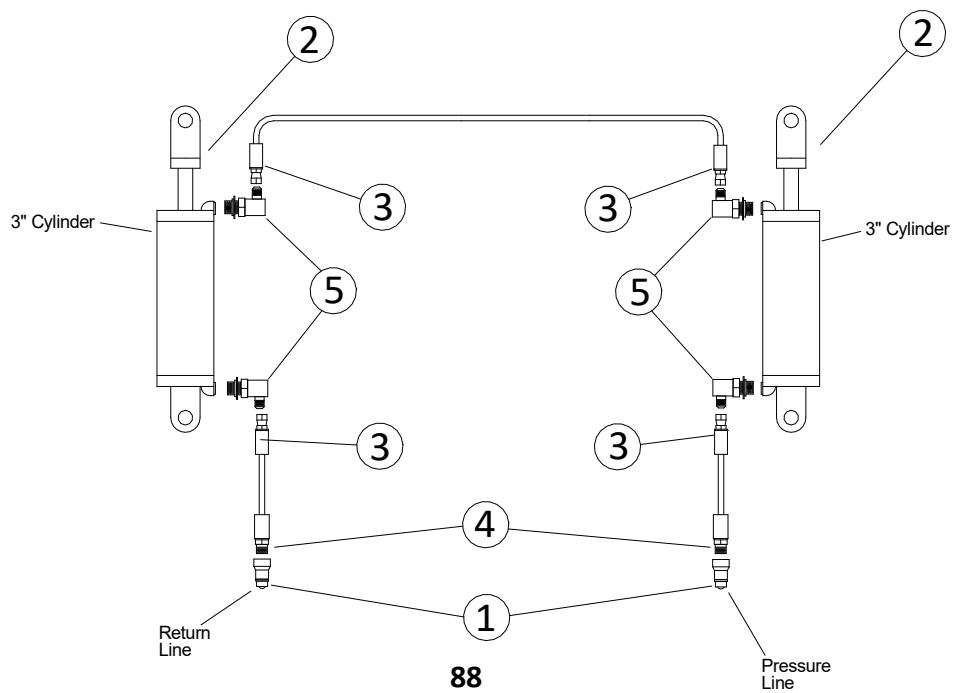
| Ref. | Part No. | Description |
|------|----------|---|
| 10 | 97319 | Fuse, 5 A |
| 11 | 97127 | Velocity Sensor, GPS |
| NS | 97110 | Ground Radar, Raven (Optional) |
| 12 | 97293 | Controller, 50 Pin |
| 13 | 97292 | Controller, 24 Pin |
| 14 | 390210 | Inverter Box, Assembly (Includes Inverter) |
| NS | 95453 | Inverter 12V to 24V, 5A |
| 15 | 96254 | Coil, Feedbox Motor |
| 16 | 95485 | Encoder, Motor Speed |
| 17 | 97233 | PWM Valve, 4 GPM |
| 18 | 97234 | PWM Valve, 8 GPM |
| 19 | 95505 | Foot Switch, Optional |
| NS | 97400 | Clutch Harness (With Row Shutoff Option) |
| NS | 97399 | Clutch Controller (With Row Shutoff Option) |

Rear Steer Hydraulics
(Not Plumbed at Factory Due to Individual GPS System Requirements)

6 & 8 Row Rear Steer Hydraulics



4 Row Rear Steer Hydraulics



Rear Steer Hydraulics
(Not Plumbed at Factory Due to Individual GPS System Requirements)

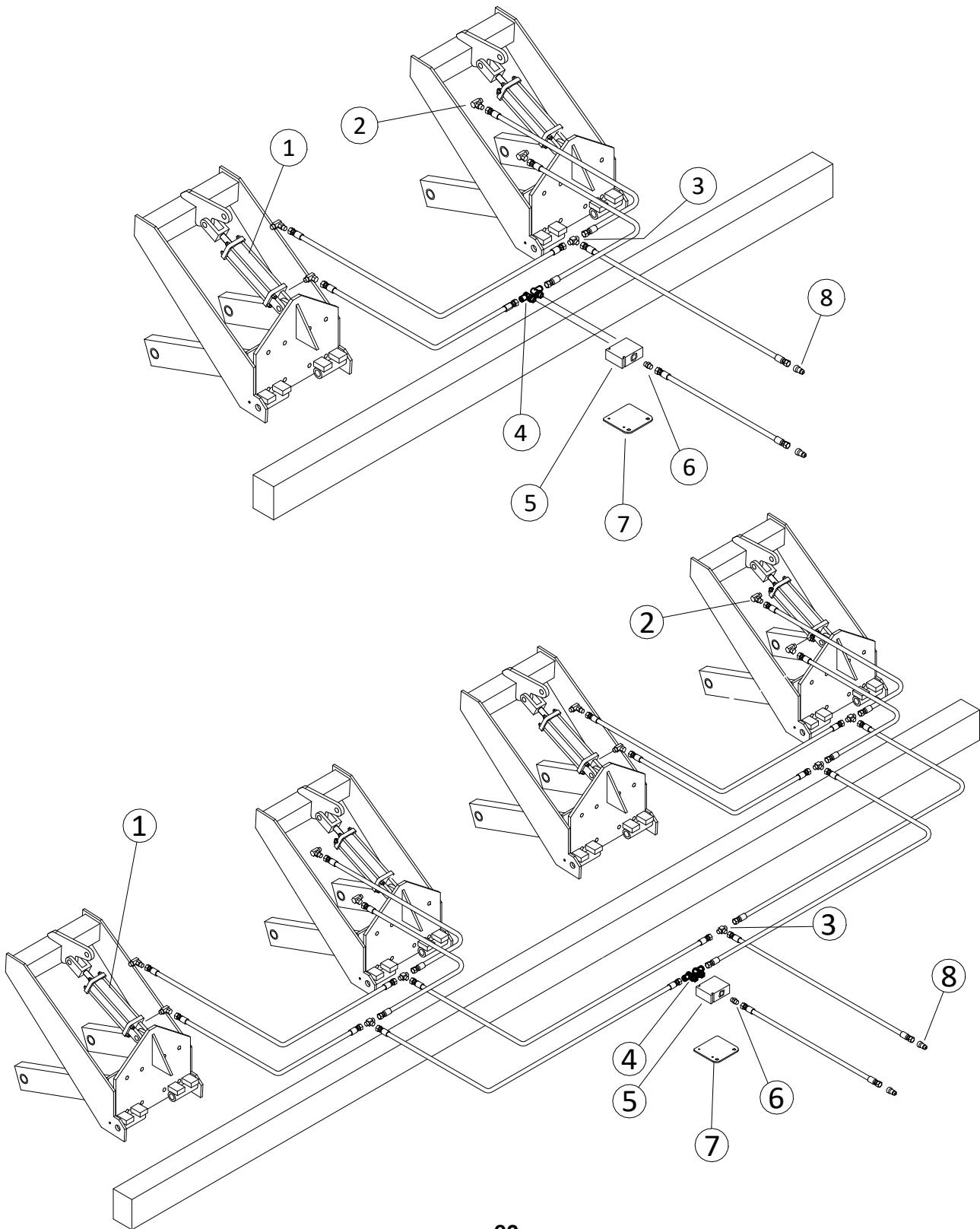
6 & 8 Row Rear Steer Hydraulics

| Ref. | Part No. | Description |
|------|----------|--|
| 1 | 96289 | Universal Male Tip ½" Pioneer End |
| 2 | 95447 | Hydraulic Cylinder, 3x8 Single Rephasing |
| 3 | 95448 | Hydraulic Cylinder, 3-1/4x8 Single Rephasing |
| 4 | 95275 | Hose End, -10 to -8 Straight Female |
| 5 | 95277 | Hose End, -8 to -8 Straight Female |
| 6 | 96288 | ½" Orb x 5/8 JIC Elbow |

4 Row Rear Steer Hydraulics

| Ref. | Part No. | Description |
|------|----------|--|
| 1 | 96289 | Universal Male Tip ½" Pioneer End |
| 2 | 95380 | Hydraulic Cylinder, 3x8 Dual Rephasing |
| 3 | 95275 | Hose End, -10 to -8 Straight Female |
| 4 | 95277 | Hose End, -8 to -8 Straight Female |
| 5 | 96288 | ½" Orb x 5/8 JIC Elbow |

Rear Lift Hydraulic System



Rear Lift Hydraulic System-4-5 Row

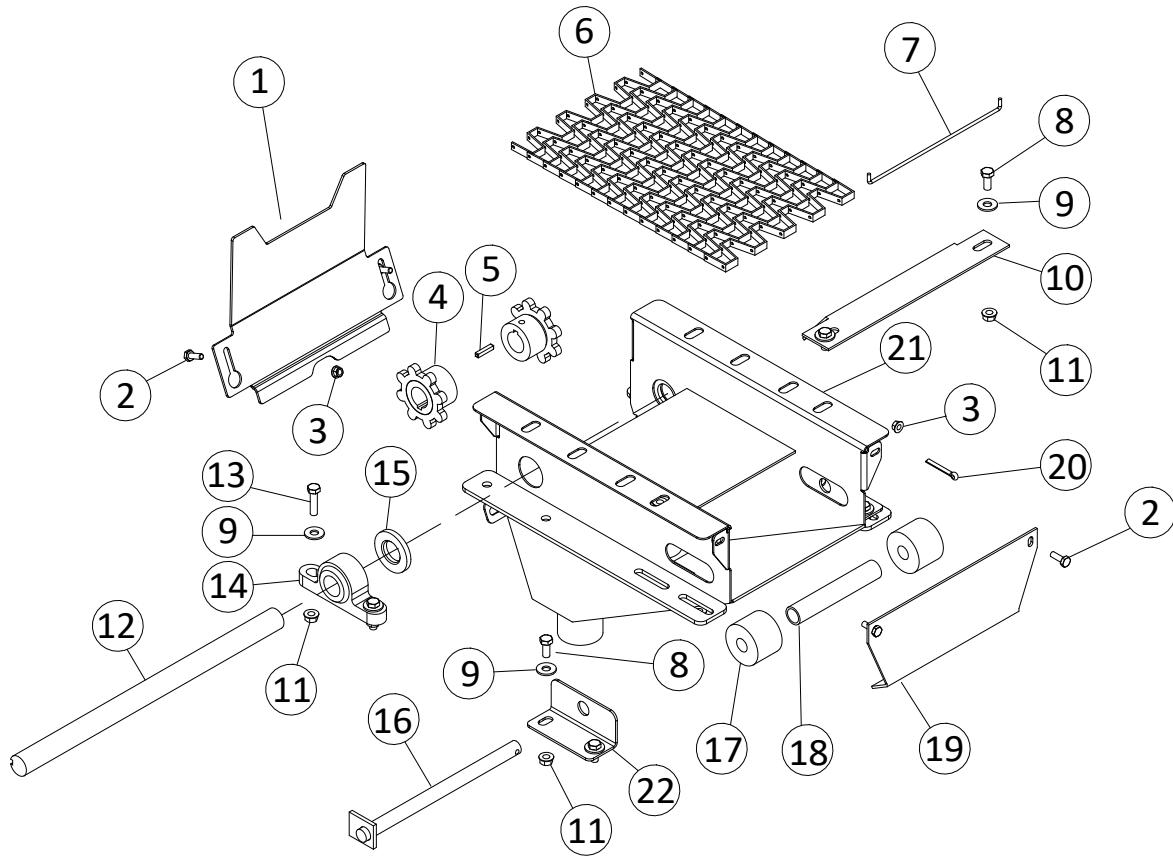
| Ref. | Part No. | Description |
|------|----------|--|
| 1 | 95142 | Hydraulic Cylinder, 4"x8" w/ Stop 3000 psi |
| 2 | 96288 | 5/8" Male JIC x 1/2 Male O-Ring Boss Elbow |
| 3 | 95276 | Tee, 5/8" Male JIC x 5/8" Male JIC x 5/8" Male JIC |
| 4 | 95273 | 5/8" JIC Male x #10 O-Ring Boss Elbow |
| 5 | 96287 | Flow Divider, Hydraulic |
| 6 | 95314 | 5/8" JIC Male x #12 O-Ring Boss Male |
| 7 | 404358 | Mount, Flow Divider |
| NS | 96702 | Grip, Yellow Hydraulic Hose Pressure |
| NS | 96703 | Grip, Yellow Hydraulic Hose Return |

Rear Lift Hydraulic System-6-8 Row

| Ref. | Part No. | Description |
|------|----------|--|
| 1 | 95142 | Hydraulic Cylinder, 4"x8" w/ Stop 3000 psi |
| 2 | 96288 | 5/8" Male JIC x 1/2 Male O-Ring Boss Elbow |
| 3 | 95276 | Tee, 5/8" Male JIC x 5/8" Male JIC x 5/8" Male JIC |
| 4 | 95273 | 5/8" JIC Male x #10 O-Ring Boss Elbow |
| 5 | 96287 | Flow Divider, Hydraulic |
| 6 | 95314 | 5/8" JIC Male x #12 O-Ring Boss Male |
| 7 | 404358 | Mount, Flow Divider |
| NS | 96702 | Grip, Yellow Hydraulic Hose Pressure |
| NS | 96703 | Grip, Yellow Hydraulic Hose Return |

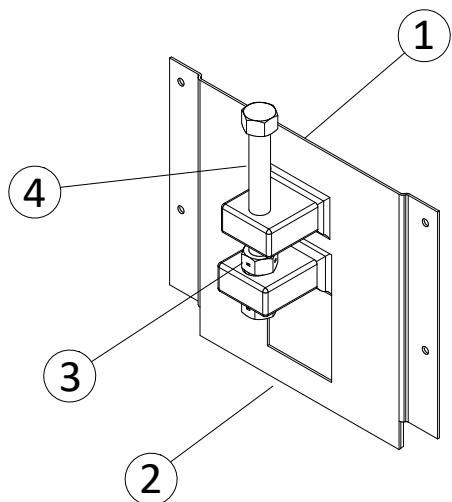
Fertilizer Feedbox Assembly

#402190



Fertilizer Adjustment Door Assembly

#422315



Fertilizer Feedbox Assembly

#402190

| Ref. | Part No. | Description |
|------|----------|--------------------------|
| 1 | 402192 | Removable Feedbox Cover |
| 2 | 20001 | Bolt, 1/4" x 3/4" |
| 3 | 20475 | Flange Nut, 1/4" |
| 4 | 402470 | Drive Sprocket, 1" Hub |
| 5 | 402111 | Key, 3/16" x 1" |
| 6 | 402128 | Fertilizer Feedbox Chain |
| 7 | 97079 | Lacing Rod |
| 8 | 20015 | Bolt, 5/16" x 3/4" |
| 9 | 20512 | Washer, 5/16" |
| 10 | 402162 | Rear Deflector |
| 11 | 20479 | Flange Nut, 5/16" |

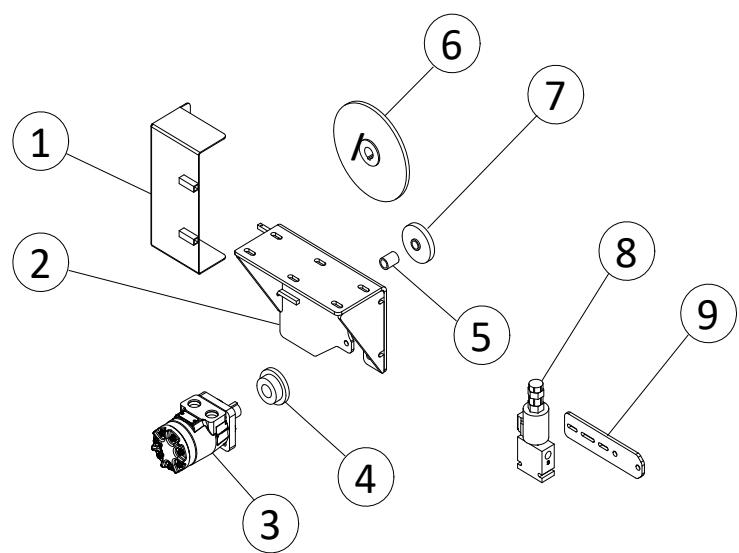
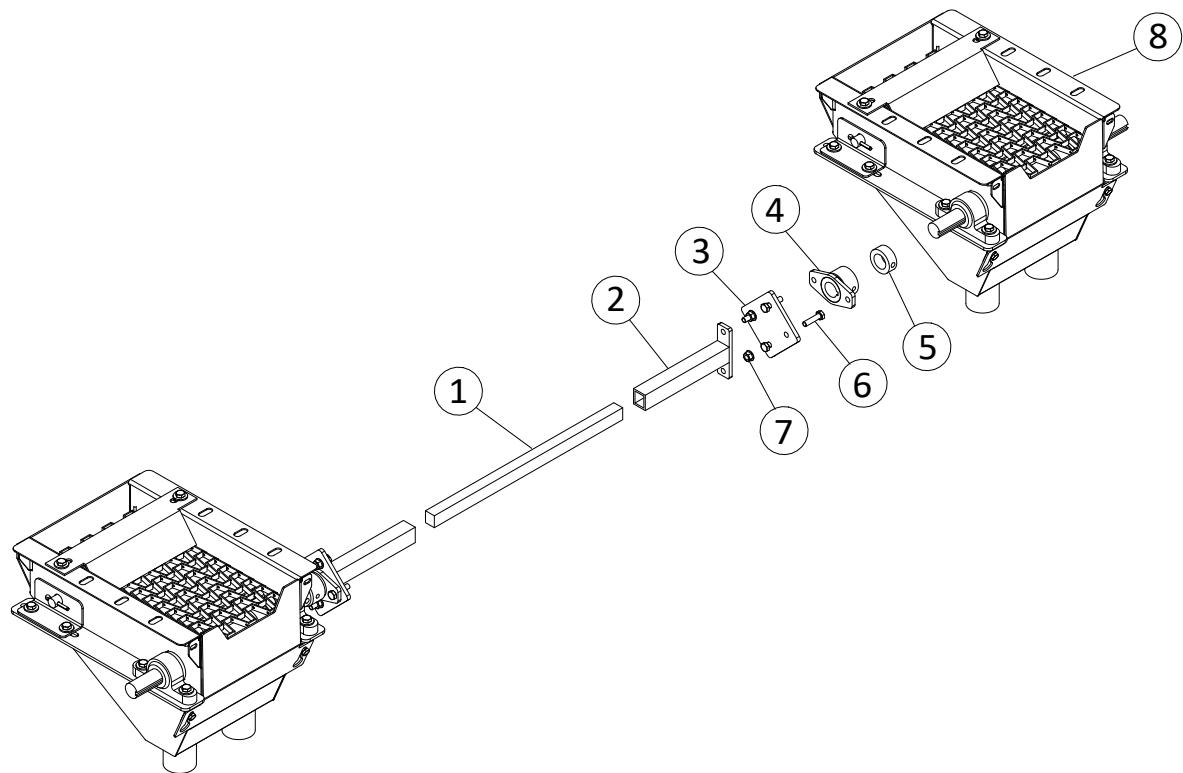
| Ref. | Part No. | Description |
|------|----------|-------------------------------------|
| 12 | 402464 | Front Shaft, 1" |
| 13 | 20027 | Bolt, 5/16" x 1-1/4" |
| 14 | 97625 | Igus Bearing, Fertilizer Feedbox 1" |
| 15 | 402467 | 2" Roller Washer, UHMW |
| 16 | 368895 | Rear Roller Pin |
| 17 | 402123 | 2" Roller, UHMW |
| 18 | 368898 | Rear Spacer Pipe |
| 19 | 402161 | Removable Rear Plate |
| 20 | 20826 | Cotter Pin, 3/16" x 1/2" |
| 21 | 402465 | Feedbox Weldment (1" Bearings) |
| 22 | 402463 | Rear Roller Mount (1") |

Fertilizer Adjustment Door Assembly

#422315

| Ref. | Part No. | Description |
|------|----------|------------------------------------|
| 1 | 422305 | Fertilizer Door Cover Assembly |
| 2 | 422310 | Fertilizer Door Slide Assembly |
| 3 | 20427 | Centerlock Nut, 5/8" |
| 4 | 20704 | Bolt, 5/8" x 6-1/2" Fully Threaded |

Fertilizer Drive Assembly



Fertilizer Drive Shaft

| Ref. | Part No. | Description |
|------|----------|--------------------------------|
| 1 | 402477 | Fertilizer Drive Shaft, Male |
| 2 | 402480 | Fertilizer Drive Shaft, Female |
| 3 | 402471 | Drive Coupler, Plastic |
| 4 | 402469 | Fertilizer Coupler |

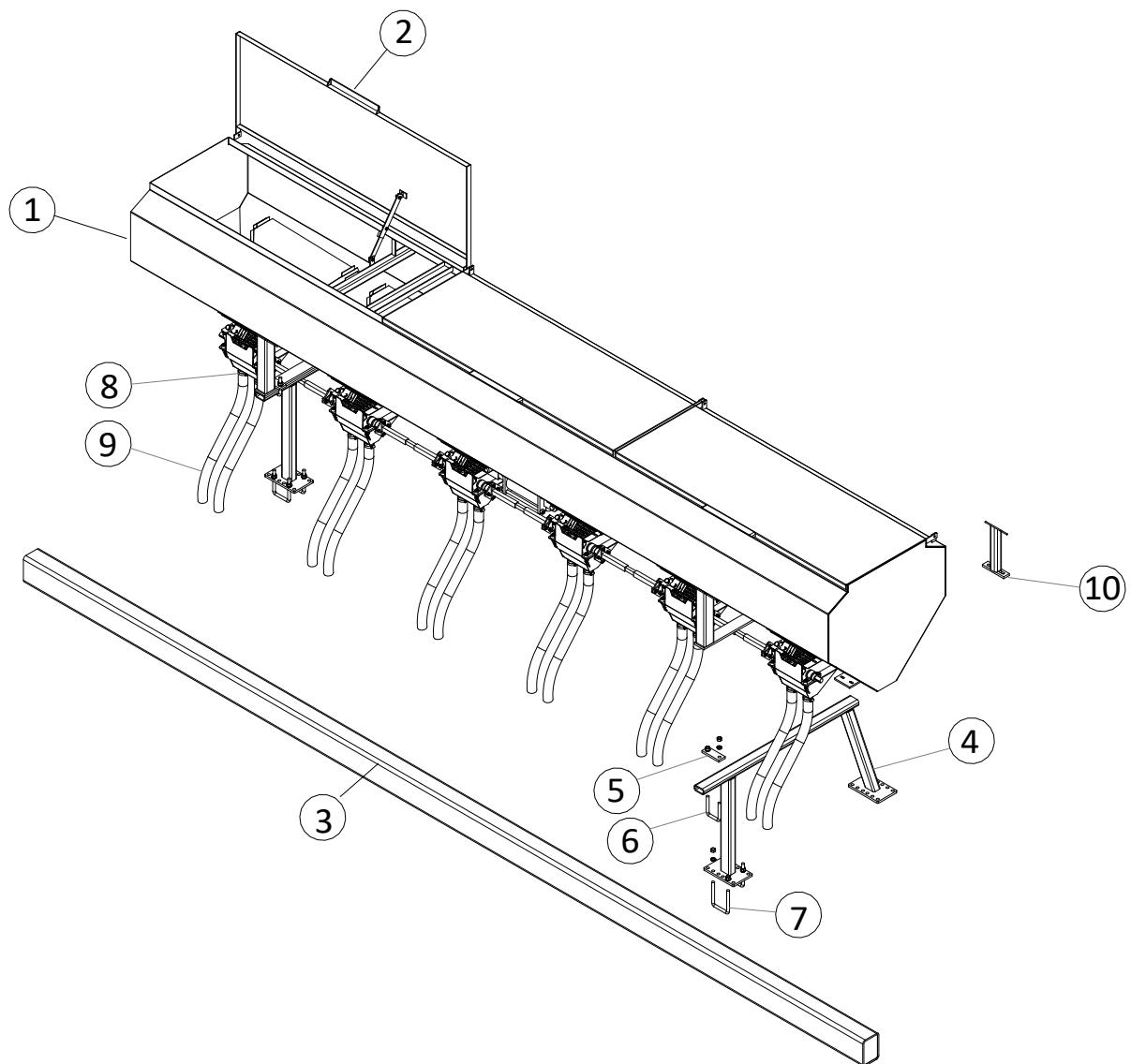
| Ref. | Part No. | Description |
|------|----------|-------------------------------------|
| 5 | 82806 | Set Collar, 1" |
| 6 | 20027 | Bolt, 5/16" x 1-1/4" |
| 7 | 20479 | Nut, 5/16" |
| 8 | 402475 | Fertilizer Feedbox Assembly w/ Door |

Hydraulic Fertilizer Drive #400081

| Ref. | Part No. | Description |
|------|----------|------------------------------------|
| 1 | 402275 | Shield, Hydraulic Drive |
| 2 | 368825 | Bracket, Hydraulic Drive |
| 3 | 97286 | Motor, Fertilizer Drive w/ Encoder |
| NS | 95485 | Encoder, Speed Pickup |
| 4 | 81148 | Sprocket, 5012 x 1" |
| 5 | 403435 | Spacer, Idler |

| Ref. | Part No. | Description |
|------|----------|----------------------------------|
| 6 | 402474 | Sprocket, 5036 1" Hub |
| 7 | 81219 | Idler Sprocket, 5013 |
| 8 | 97233 | PWM Valve, 4 GPM |
| 9 | 422302 | Mount, Hydraulic Valve |
| NS | 402271 | Chain, Fertilizer Drive |
| NS | 400084 | Wire Harness, Motor Speed Pickup |

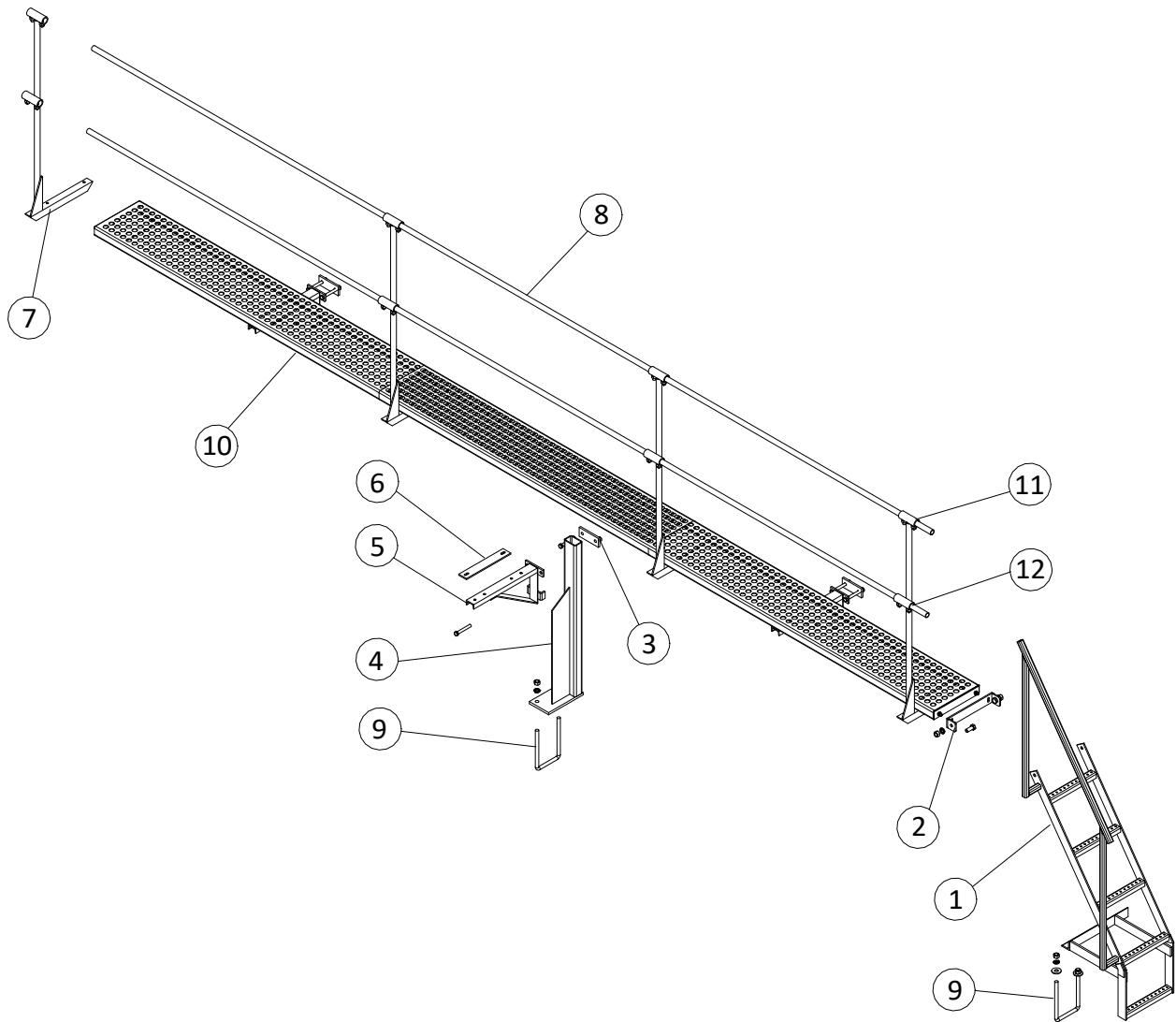
Fertilizer Tanks



Fertilizer Tank Package

| Ref. | Part No. | Description |
|-------------|-----------------|--|
| 1 | 359485 | Fertilizer Tank, 4 Row / Mild Steel / Standard Capacity |
| - | 359487 | Fertilizer Tank, 4 Row / Mild Steel / High Capacity |
| - | 359440 | Fertilizer Tank, 4 Row / Stainless Steel / Standard Capacity |
| - | 359442 | Fertilizer Tank, 4 Row / Stainless Steel / High Capacity |
| - | 359498 | Fertilizer Tank, 6 Row / Mild Steel / Standard Capacity |
| - | 359499 | Fertilizer Tank, 6 Row / Mild Steel / High Capacity |
| - | 359488 | Fertilizer Tank, 6 Row / Stainless Steel / Standard Capacity |
| - | 359492 | Fertilizer Tank, 6 Row / Stainless Steel / High Capacity |
| 2 | 368671 | 4 Row Lid Package / Mild Steel |
| - | 368667 | 4 Row Lid Package / Stainless Steel |
| - | 368636 | 6 Row Lid Package / Mild Steel |
| - | 368672 | 6 Row Lid Package / Stainless Steel |
| 3 | 110069 | Toolbar, 4 Row 3/8" (Length Varies with Row Spacing) |
| - | 110066 | Toolbar, 6 Row 3/8" (Length Varies with Row Spacing) |
| 4 | 368690 | Mount, Fertilizer Tank |
| 5 | 368659 | Strap, Fertilizer Tank |
| 6 | 21008 | U-Bolt, 5/8" x 3" x 5" |
| 7 | 21009 | U-Bolt, 5/8" x 4" x 5-1/2" |
| 8 | 40467 | Hose Clamp |
| 9 | 368658 | Fertilizer Hose |
| 10 | 355135 | Tank Brace, Fertilizer |

Front Fertilizer Tank Platform
#368652



**Front Fertilizer Tank Platform
#368652**

| Ref. | Part No. | Description |
|-------------|-----------------|--|
| 1 | 369210 | Ladder Weldment, Front Platform |
| 2 | 369200 | Bracket, Ladder Weldment |
| 3 | 368705 | Strap, Platform Mount |
| 4 | 368750 | Mount, Platform Center Support |
| 5 | 368700 | Platform Support |
| 6 | 353325 | Strap, Platform |
| 7 | 355700 | Upright, Handrail |
| 8 | 355705* | Tube, Handrail |
| 9 | 21012 | U-Bolt, 5/8" x 5" x 8-1/2" |
| 10 | 10905* | Morten Channel 12" x 2" x 13 Gauge 12' (Cut to fit) |
| 11 | 96407 | Handrail Connector, Tee |
| 12 | 96408 | Handrail Connector, Offset Cross |

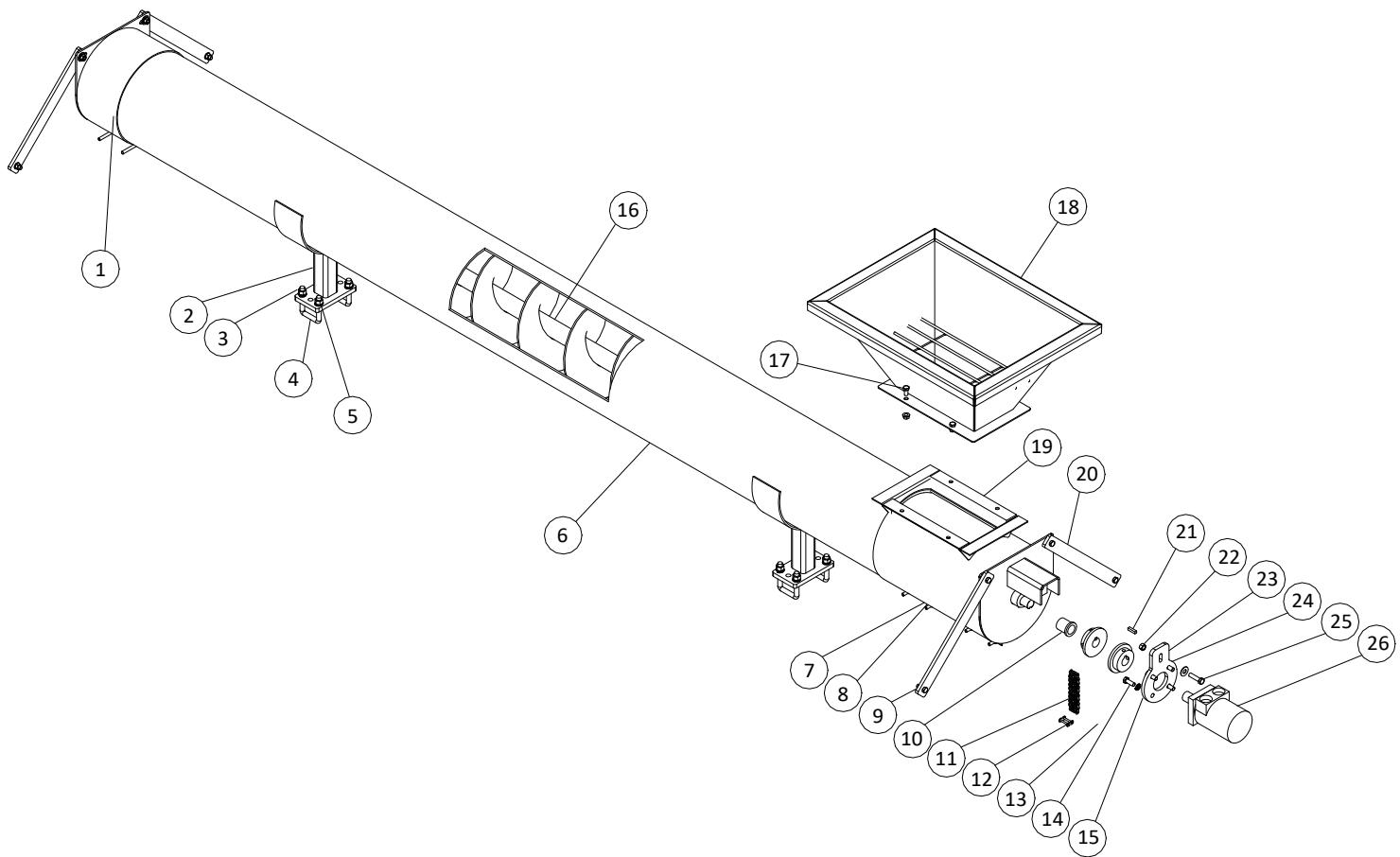
*Specify length when ordering

10" Single Fill Auger

#369100

10" Dual Fill Auger

#369101



10" Single Fill Auger

#369100

10" Dual Fill Auger

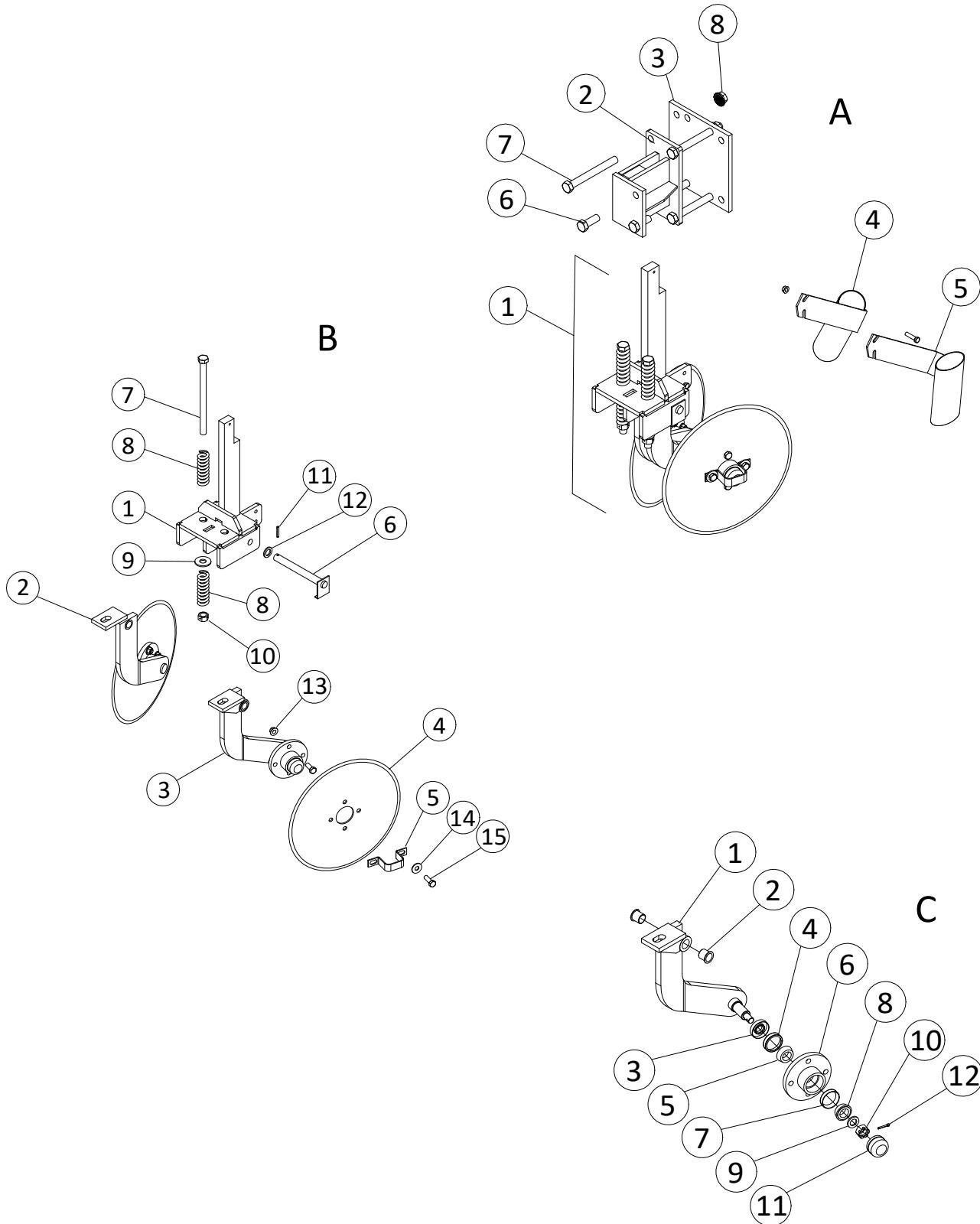
#369101

| Ref. | Part No. | Description |
|------|----------|-----------------------------------|
| 1 | 369130 | Tube Endcap Weldment |
| NS | 369128 | Endcap Weldment, Dual Fill |
| 2 | 369160 | 10" Auger Stand |
| 3 | 20404 | Nut, $\frac{1}{2}$ " |
| 4 | 21000 | U-Bolt, $\frac{1}{2}$ " x 2" x 3" |
| 5 | 20504 | Lock Washer, 1/2" |
| 6 | 369150 | Tube- 10" Auger |
| 7 | 20024 | Bolt, 5/16" x 4" |
| 8 | 20479 | Flange Nut, 5/16" |
| 9 | 20471 | Flange Nut, 3/8" |
| 10 | 90160 | Igus Bushing, 1-1/4" OD x 1"ID |
| 11 | 354555 | Sprocket Coupler Chain |
| 12 | 96064 | Connector Link, #40 Double |
| 13 | 96042 | Sprocket, 4018 x1 Fin. Bore |

| Ref. | Part No. | Description |
|------|----------|------------------------------------|
| 14 | 20029 | Bolt, 3/8" x 1" |
| 15 | 20502 | Lock Washer, 3/8" |
| 16 | 369140* | Shaft Weldment- 10" Auger Flighted |
| 17 | 20028 | Bolt, 3/8" x 3/4" |
| 18 | 368969 | 10" Auger Hopper |
| 19 | 369120 | Motor Endcap- 10" Auger |
| 20 | 368943 | Mounting Strap |
| 21 | 351069 | Key, $\frac{1}{2}$ " x 1" |
| 22 | 20423 | Centerlock Nut, 3/8" |
| 23 | 368965 | Motor Mount |
| 24 | 20513 | Washer, 3/8" |
| 25 | 20030 | Bolt, 3/8" x 1-1/2" |
| 26 | 90103 | Motor, Hydraulic |

*Specify length when ordering

Disc Openers



**#357804 – 4 Row Disc Opener Package
#357806 – 6 Row Disc Opener Package**

| Ref. | Part No. | Description |
|------|----------|---------------------------------|
| 1 | 357805 | Fertilizer Disc Opener Assembly |
| 2 | 357825 | Slide Receiver Weldment |
| 3 | 357845 | Plate, Row Unit Mount |
| 4 | 357955 | Holder, Fertilizer Tube Right |

A

| Ref. | Part No. | Description |
|------|----------|------------------------------|
| 5 | 357950 | Holder, Fertilizer Tube Left |
| 6 | 20082 | Bolt, $\frac{3}{4}$ " x 2" |
| 7 | 20090 | Bolt, $\frac{3}{4}$ " x 7" |
| 8 | 20477 | Nut, $\frac{3}{4}$ " |

#357805 – Fertilizer Disc Opener Package

| Ref. | Part No. | Description |
|------|----------|-----------------------------|
| 1 | 357810 | Disc Arm Mount Weldment |
| 2 | 357900 | Disc Arm Assembly Right |
| 3 | 357905 | Disc Arm Assembly Left |
| 4 | 90017 | 16" Flat Disc Fertilizer |
| 5 | 357615 | Dust Cap Strap |
| 6 | 357835 | Pivot Pin Weldment |
| 7 | 20157 | Bolt, $\frac{3}{4}$ " x 11" |
| 8 | 21509 | Spring, Disc Opener |

B

| Ref. | Part No. | Description |
|------|----------|------------------------------------|
| 9 | 20517 | Washer, $\frac{3}{4}$ " Flat |
| 10 | 20428 | Washer, $\frac{3}{4}$ " Lock |
| 11 | 20965 | Roll Pin, $\frac{1}{4}$ " x 1-1/2" |
| 12 | 21335 | Washer, $\frac{7}{8}$ "x10 Ga |
| 13 | 20505 | Nut, $\frac{1}{2}$ " Flange |
| 14 | 20515 | Washer, $\frac{1}{2}$ " Flat |
| 15 | 20052 | Bolt, $\frac{1}{2}$ " x 1-1/2" |

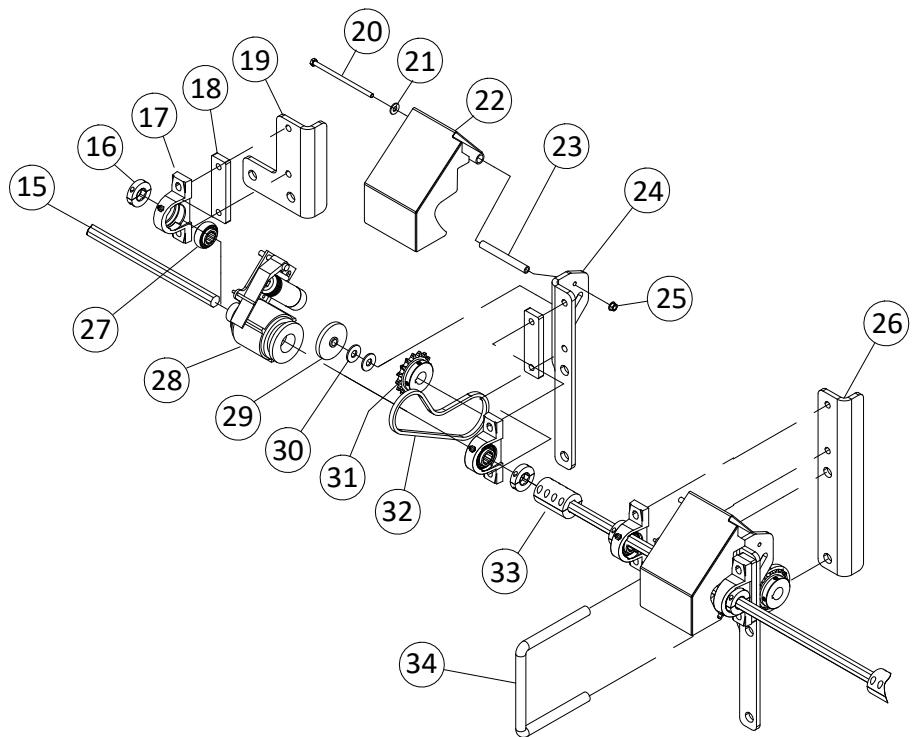
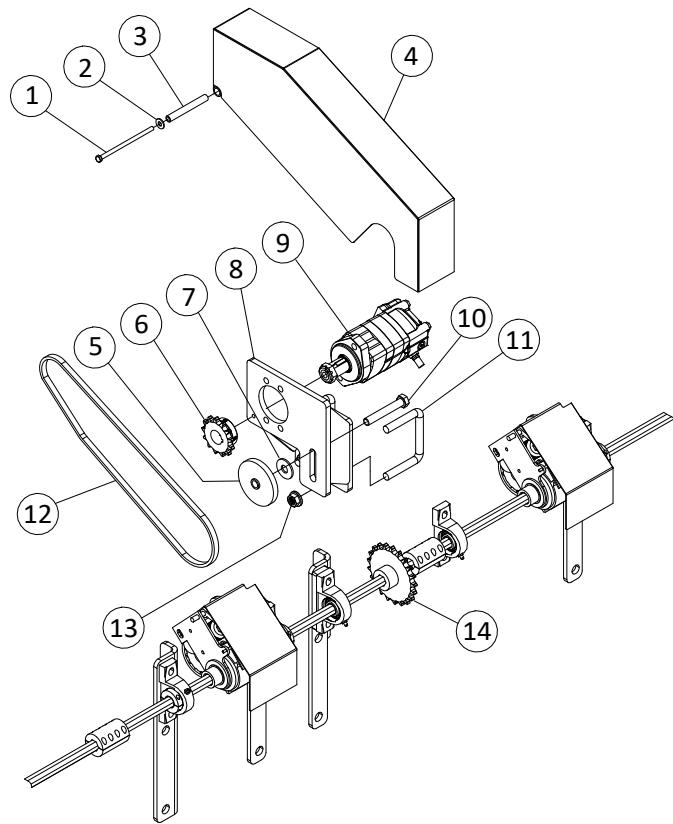
**#357900 – Disc Arm Assembly Right
#357905 – Disc Arm Assembly Left (Shown)**

| Ref. | Part No. | Description |
|------|----------|--------------------------------|
| 1 | 357890 | Disc Arm Weldment Right |
| - | 357895 | Disc Arm Weldment Left |
| 2 | 90167 | 1" x 7/8" Plastic Insert |
| 3 | 96203 | Oil Seal 471750 (1-1/4" Shaft) |
| 4 | 82166 | Bearing L44643 |
| 5 | 82165 | Bearing Cup LM44610 |
| 6 | 357625 | Fertilizer Disc Hub w/Race |

C

| Ref. | Part No. | Description |
|------|----------|-----------------------------------|
| 7 | 82165 | Bearing Cup LM44610 |
| 8 | 82166 | Bearing L44643 |
| 9 | 21314 | 3/4" Narrow 10 Ga. Bushing |
| 10 | 20490 | 3/4" NF Plain Hex Slotted |
| 11 | 96204 | Dust Cap DC-11 (1.980") |
| 12 | 20827 | Cotter Pin, $\frac{5}{32}$ " x 1" |

Row Shutoff Clutch System

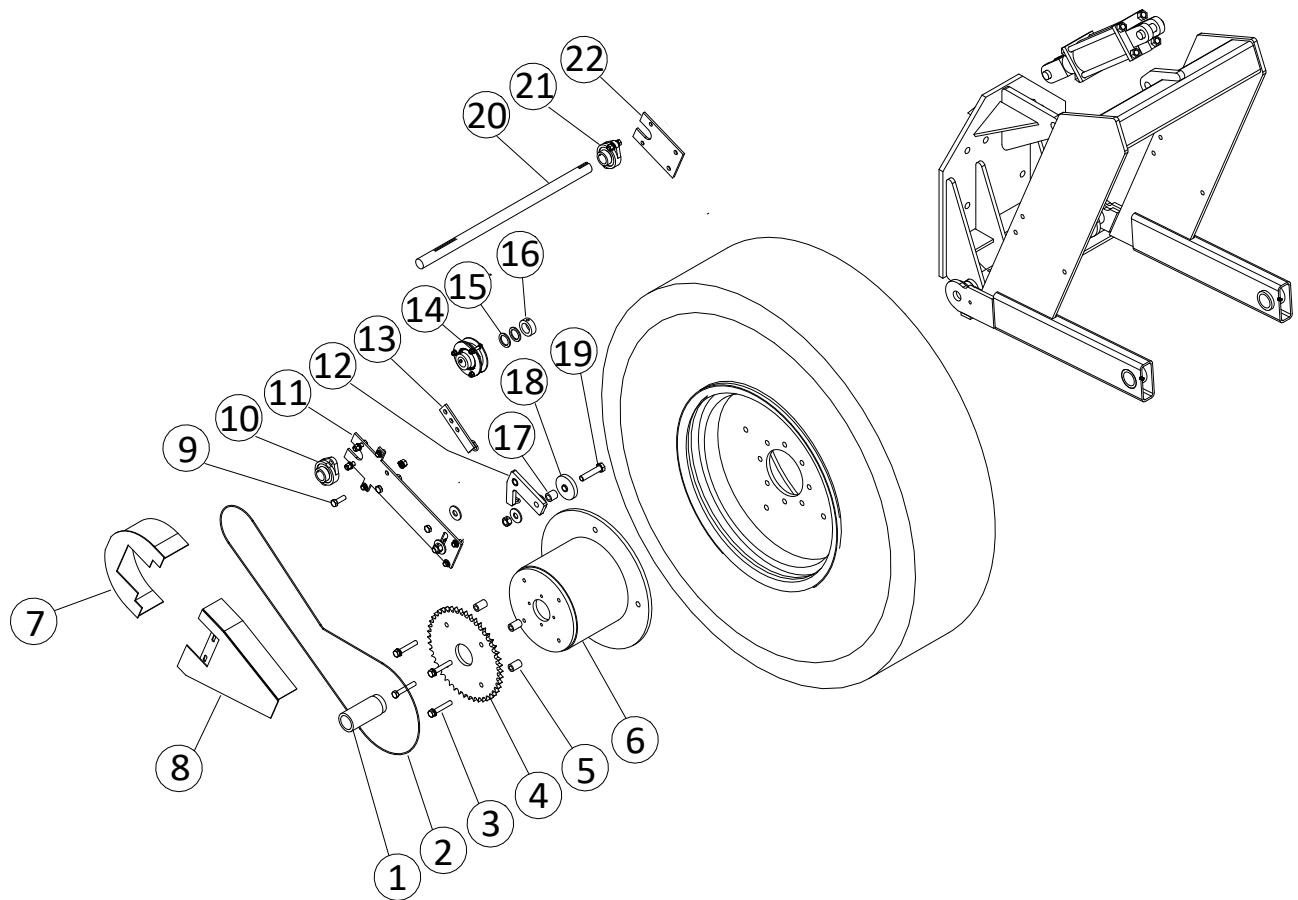


Row Shutoff Clutch System

| Ref. | Part No. | Description |
|------|----------|--|
| 1 | 20138 | Bolt, 5/16 x 6" |
| 2 | 20512 | Washer, 5/16" |
| 3 | 354392 | Spacer, Clutch Drive Shield |
| 4 | 354386 | Shield, Drive |
| 5 | 96800 | Idler Sprocket, 6015 x 5/8" |
| 6 | 96146 | Sprocket, 6013 x 1-1/4" Fin. Bore |
| 7 | 20536 | Washer, 5/8" |
| 8 | 354390 | Weldment, Crossmember Drive Mount |
| 9 | 95375 | Hydraulic Motor |
| 10 | 20069 | Bolt, 5/8" x 4" |
| 11 | 21039 | U-Bolt, 5/8" x 4 x 3-1/2" |
| 12 | 354396 | Chain, #60 Clutch Crossmember Drive |
| 13 | 20476 | Flange Nut, 5/8" |
| 14 | 354324 | Sprocket, 6021 x 7/8" |
| 15 | 354394 | Hex Shaft, 7/8" (Length = Row Spacing) |
| 16 | 97341 | Shaft Collar, 7/8" Hex |
| 17 | 82219 | Pillow Block |
| 18 | 354322 | Spacer, Clutch Bearing |
| 19 | 354320 | Clutch Bearing Crossmember Mount |
| 20 | 20138 | Bolt, 5/16" x 6" |

| Ref. | Part No. | Description |
|------|----------|-----------------------------------|
| 21 | 20512 | Washer, 5/16" |
| 22 | 354336 | Shield, Clutch |
| 23 | 354333 | Spacer, Clutch |
| 24 | 354321 | Clutch Bearing Row Unit Mount |
| 25 | 20479 | Flange Nut, 5/16" |
| 26 | 354319 | Clutch Bearing Toolbar Mount |
| 27 | 97342 | Bearing, 7/8" Hex Bore |
| 28 | 97339 | Clutch w/ 5016 Sprocket |
| 29 | 81227 | Idler Sprocket, 5013 x 1/2" |
| 30 | 20515 | Washer, 1/2" Flat |
| 31 | 81154 | Sprocket, 5016 x 1" Fin. Bore |
| 32 | 354346 | Chain, #50 Clutch Row Unit |
| 33 | 97297 | Coupler, 7/8" Hex Split |
| 34 | 21018 | U-Bolt, 3/4" x 7" x 6-1/2" |
| NS | 95049 | Chain Master Link, #60 |
| NS | 95030 | Chain Master Link, #50 |
| NS | 97372 | Clutch Sprocket, 5016 |
| NS | 20588 | Bolt, 1/4-20 x 1-1/2" Socket Head |
| NS | 20674 | Lock Washer, 1/4" High Collar |

Rear Ground Drive

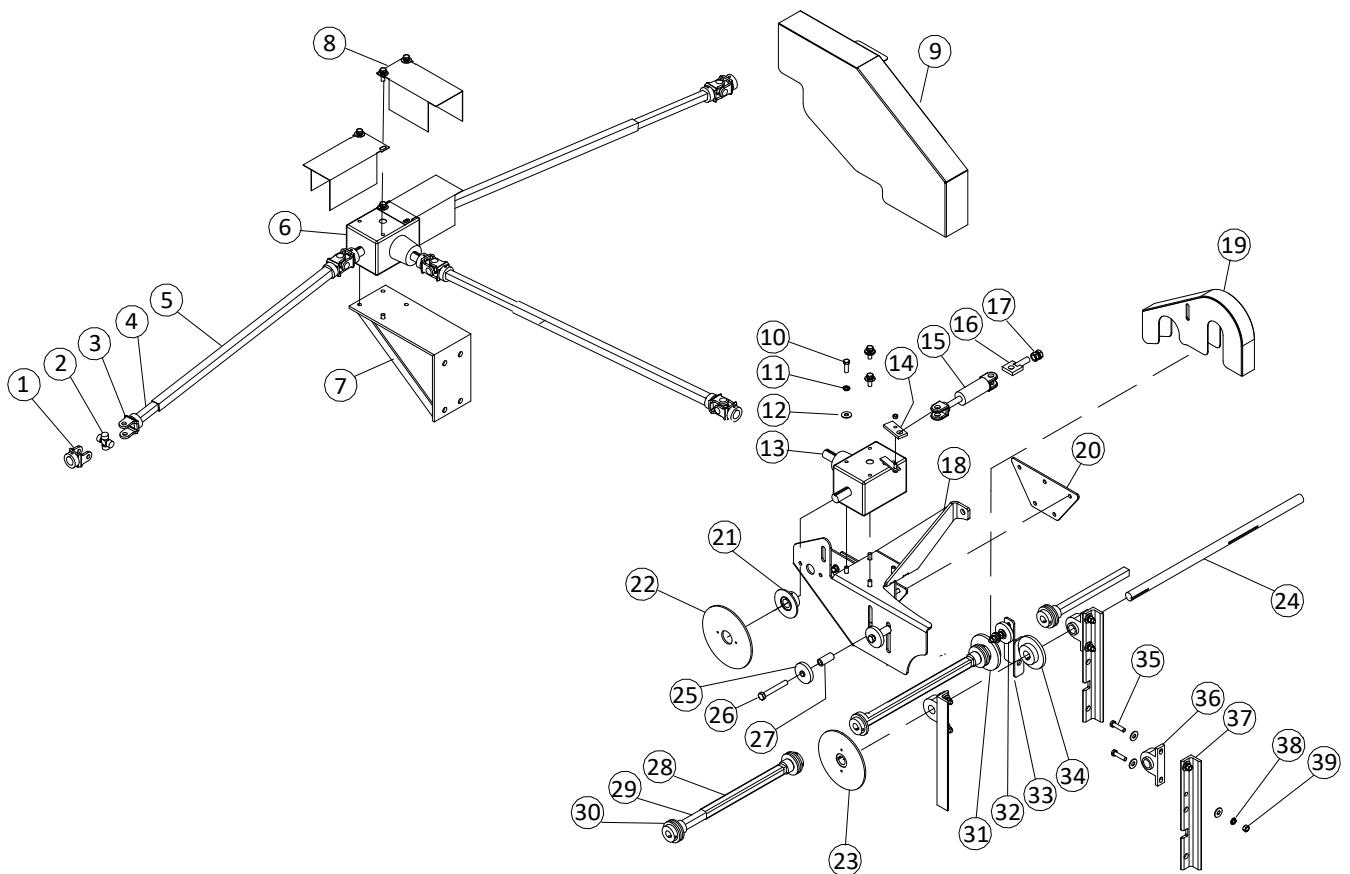


Rear Ground Drive
#359425 – 4 Row Ground Drive
#359424 – 6 Row Ground Drive
#359423 – 8 Row ground drive

| Ref. | Part No. | Description |
|------|----------|---|
| 1 | 358943 | Spindle Spacer |
| 2 | 401402 | Yoke Chain |
| 3 | 20056 | Bolt, Hex $\frac{1}{2}$ x 3" |
| 4 | 401504 | 6048 Sprocket 4 holes |
| 5 | 358948 | Cam Spacer Long |
| 6 | 401500 | Ground Drive Hub Weldment |
| 7 | 401460 | Upper Shield Weldment |
| 8 | 401455 | Chain Guard Lower Left |
| - | 401450 | Chain Guard Lower Right |
| 9 | 20052 | Bolt, Hex $\frac{1}{2}$ x 1 $\frac{1}{2}$ " |
| 10 | 94091 | 1 $\frac{1}{4}$ Star Table Bearing Assy. |
| 11 | 401311 | Wheel Yoke Bearing Mount Long |

| Ref. | Part No. | Description |
|------|----------|--|
| 12 | 359006 | Weldment - Tensioner LH |
| - | 359005 | Weldment - Tensioner RH |
| 13 | 359010 | Spring Tensioner Weldment |
| 14 | 401510 | Clutch Assy w/ 6024 Sprocket |
| 15 | 21331 | Bushing, 1 $\frac{1}{4}$ Narrow 10 Ga. |
| 16 | 90057 | Set Collar 1 1/4 |
| 17 | 359004 | Spacer, Ground Drive Idler |
| 18 | 96023 | 6011E Idler Sprocket 5/8" |
| 19 | 20067 | Bolt, Hex 5/8 x 3" |
| 20 | 358947 | Wheel Yoke Cross Shaft |
| 21 | 94091 | 1 1/4 " Start Table Bearing Assy. |
| 22 | 401399 | Wheel Yoke Bearing Mount Short |

Rear Ground Drive Cont.

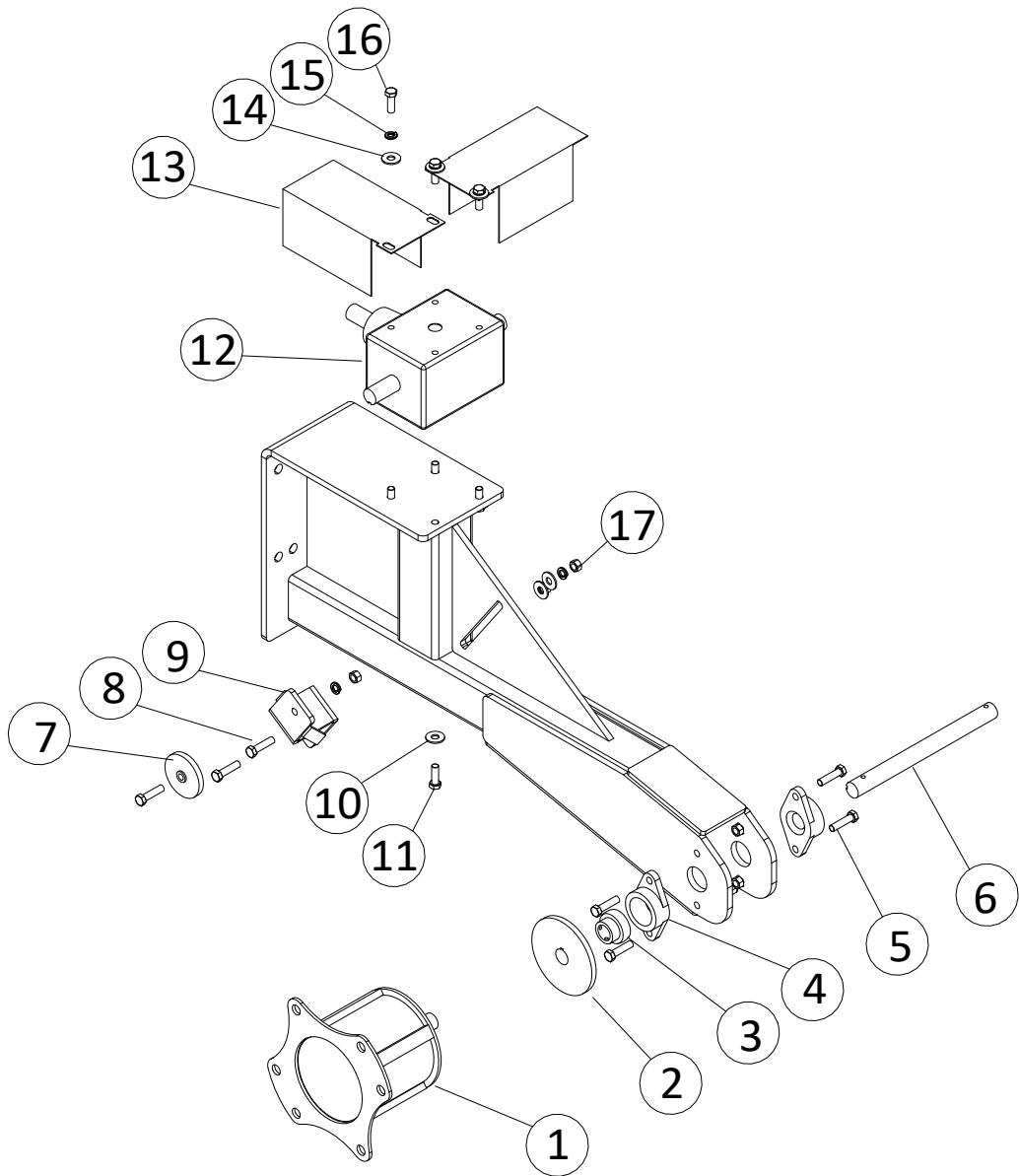


Rear Ground Drive Cont.
(Also Applies to Walking Beam Ground Drive)

| Ref. | Part No. | Description |
|------|----------|--------------------------------|
| 1 | 81807 | 6N Yoke 1 ¼" Round |
| 2 | 81813 | 6R Repair Kit |
| 3 | 81799 | 6n yoke 1" Square |
| 4 | 401356 | 1 x 1 Sq. Shaft (Inner Slide) |
| 5 | 401360 | Sq. Shaft Wldmnt (Outer Slide) |
| 6 | 97425 | 3 Way Shaft Gearbox |
| 7 | 401449 | Gearbox Shield |
| 8 | 401325 | Gearbox Mount Rear |
| 9 | 359420 | Gearbox Shield Front |
| 10 | 20052 | Bolt, Hex ½ x 1 ½" |
| 11 | 20504 | Washer, Lock ½" |
| 12 | 20515 | Washer, Flat ½" |
| 13 | 97426 | 2 Way Gearbox With Shifter |
| 14 | 403680 | Gearbox Arm Weldment |
| 15 | 95123 | Hydraulic Cylinder 2 x 4" |
| 16 | 403685 | Adjuster Flat Weldment |
| 17 | 20447 | Nut, Jam ¾" |
| 18 | 359400 | Gearbox Mount Weldment |
| 19 | 359420 | Weldment - Gearbox Shield |
| 20 | 359407 | Plate – Mount Backing |

| Ref. | Part No. | Description |
|------|----------|-------------------------------|
| 21 | 353905 | Hub W/ Washer 1 ½" |
| 22 | - | <i>Sprocket C -See Table</i> |
| 23 | - | <i>Sprocket D - See Table</i> |
| 24 | 358984 | Seed Space Jackshaft |
| 25 | 96023 | 6011e Idler Sprocket |
| 26 | 20063 | Bolt, Hex 5/8 x 4 ½" |
| 27 | 359416 | Bushing, Drive Tensioner |
| 28 | 354520 | Drive Tube Weldment Long |
| 29 | 354525 | Unit Drive Shaft Long |
| 30 | 354550 | Sq. Coupler Drive Sprocket |
| 31 | 81198 | 6020 x 1 Fin Bore Sprocket. |
| 32 | 90065 | 6011E x ½ Idler Sprocket |
| 33 | 359017 | Row Unit Idler Mt. Weldment |
| 34 | 81194 | 6018 X 1 ¼ Fin Bore Sprocket |
| 35 | 20053 | Bolt, Hex ½ x 2 |
| 36 | 94040 | Pillow Block 1 1/2" |
| 37 | 358986 | Jackshaft Bearing Mount |
| 38 | 20504 | Washer, Lock ½" |
| 39 | 20404 | Nut, ½" |

Walking Beam Ground Drive



Walking Beam Ground Drive

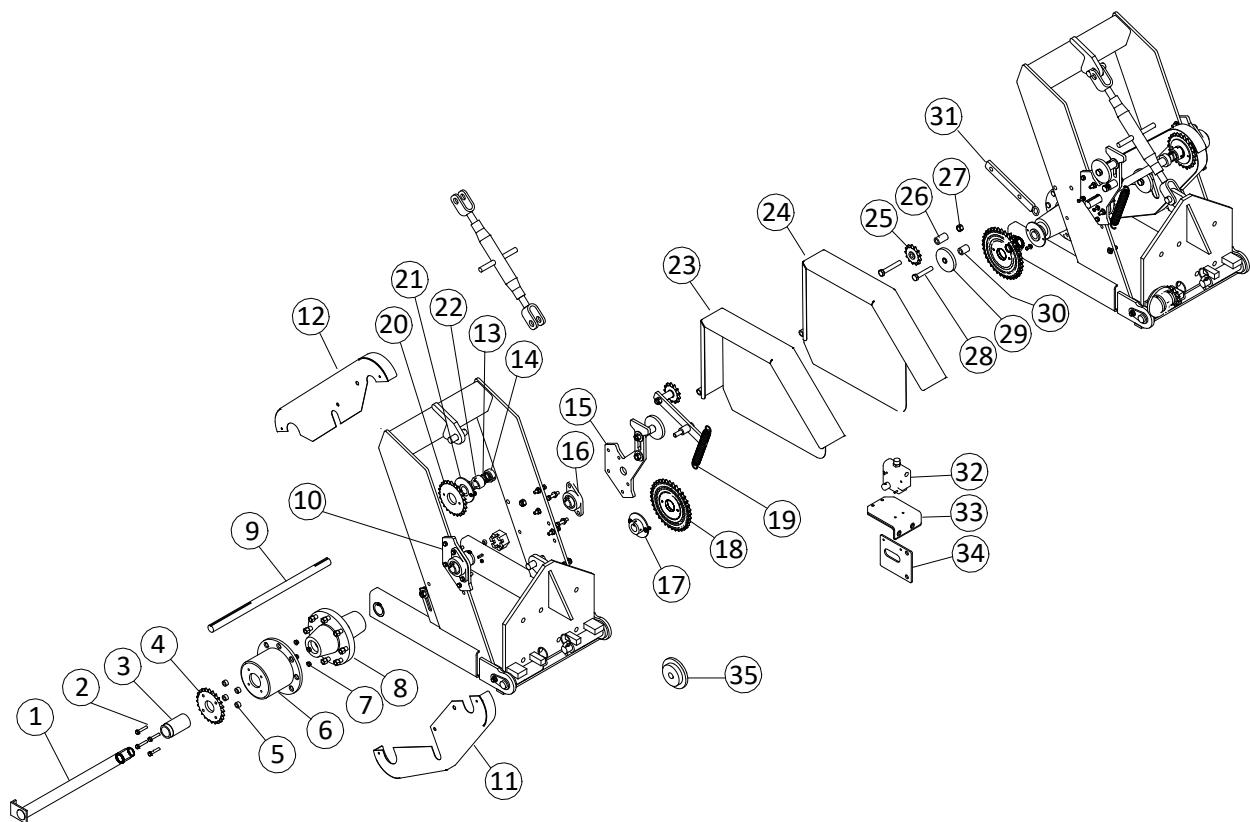
380996 – 6 Row

380998 – 8 Row

| 1 | Part No. | Description |
|---|----------|--------------------------------|
| 1 | 405200 | Hub, Rear Walking Beam Drive |
| 2 | 81204 | 6024 x 1 ¼" Fin. Bore Sprocket |
| 3 | 82041 | 1 ¼" Spherical Bearing |
| 4 | 82203 | 2 Bolt Bearing Housing |
| 5 | 20053 | Bolt, Hex ½ x 2 |
| 6 | 405217 | Shaft, Drive Sprocket |
| 7 | 81215 | 6013 ½" Bore Idler Sprocket |
| 8 | 20053 | Bolt, Hex ½" x 2 |
| 9 | 405223 | Weldment, Tensioner Bracket |

| Ref. | Part No. | Description |
|------|----------|------------------------|
| 10 | 20515 | Washer, Flat ½" |
| 11 | 20052 | Bolt, Hex ½" x 1 ½ |
| 12 | 97425 | 3 Way Gearbox |
| 13 | 401449 | Gearbox Shield |
| 14 | 20515 | Washer, Flat ½" |
| 15 | 20504 | Washer, Lock ½" |
| 16 | 20052 | Bolt, Hex ½ x 1 ½ |
| 17 | 20404 | Nut, ½" |
| - | 81180 | 6012 1 ¼ Bore Sprocket |

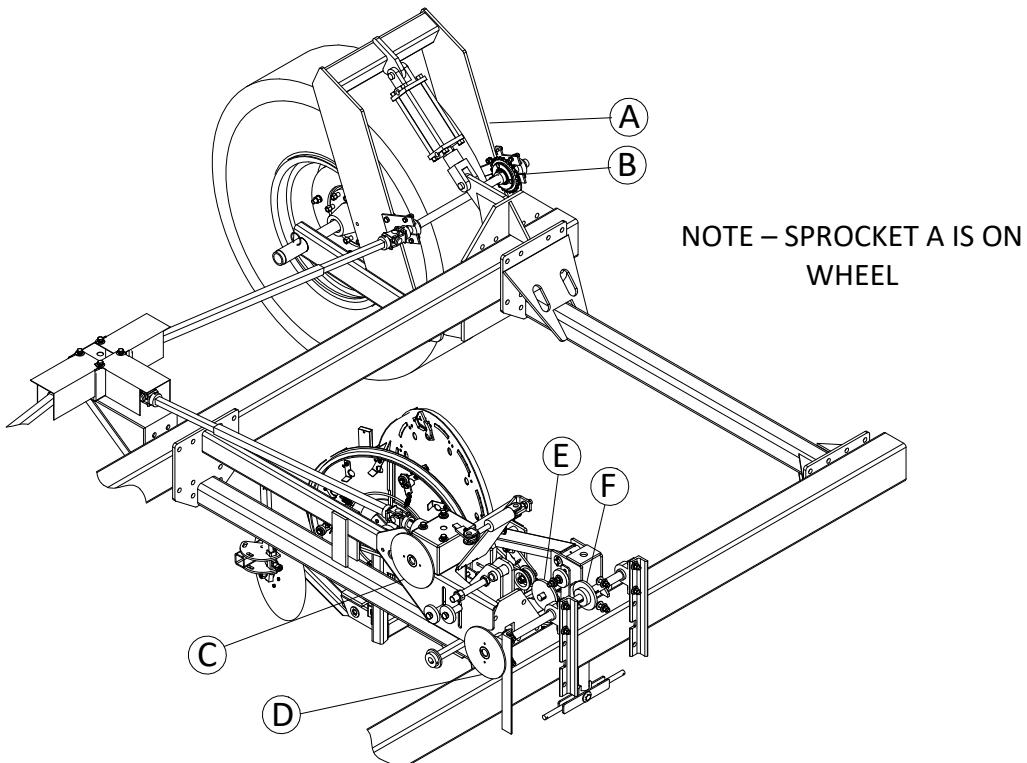
Front Ground Drive



Front Ground Drive
#353852 – 4 Row
#353850 – 6 Row
#353853 – 8 Row

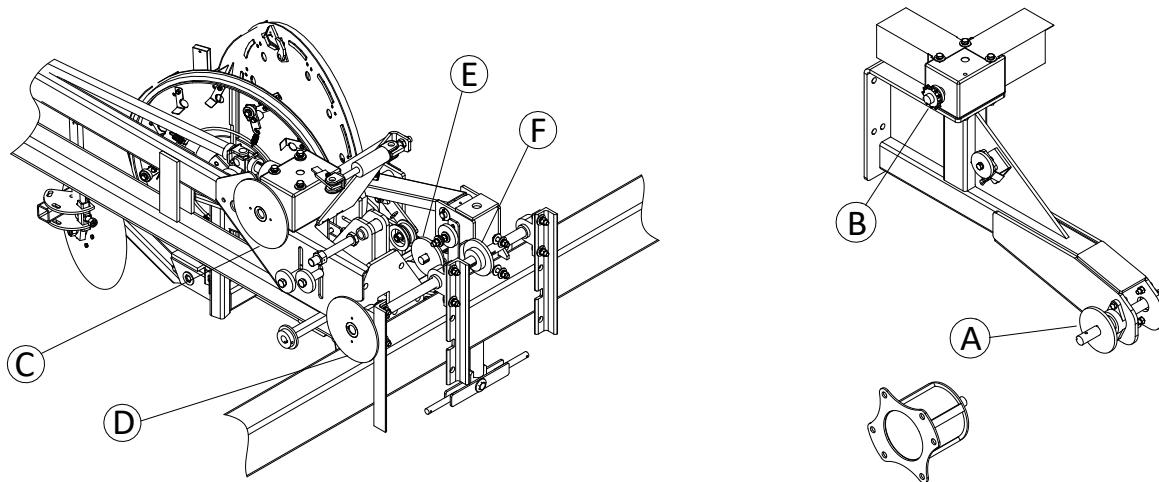
| Ref. | Part No. | Description | Ref. | Part No. | Description |
|------|----------|-------------------------------|------|----------|-------------------------------|
| 1 | 352775 | Spindle Weldment 1 3/4" | 17 | 353905 | Hub W/ Washer 1 1/4" |
| 2 | 20031 | Bolt, 3/8 x 2 | 18 | - | <i>Sprocket A - See Table</i> |
| 3 | 352784 | Spindle Spacer Large Wheel | 19 | 126300 | Parallel Linkage Spring |
| 4 | - | <i>Sprocket D - See Table</i> | 20 | - | <i>Sprocket C - See Table</i> |
| 5 | 350660 | 1/2" Cam Mount Spacer | 21 | 353280 | Left Hub with Washer 1 1/4" |
| 6 | 353830 | Hub Weldment | 22 | 353285 | Left Sliding Hub 1 1/4" |
| 7 | 20471 | Nut, Flange 3/8" | 23 | 353875 | Upper Shield Weldment Right |
| 8 | 352761 | Large Wheel hub | 24 | 353900 | Upper Shield Weldment Left |
| 9 | 353935 | 26 1/2" Keyed Shaft | 25 | 94001 | 6013 5/8" Bore Idler Sprocket |
| 10 | 353861 | Bearing Mount Short | 26 | 353930 | 2" Idler Sprocket Spacer |
| 11 | 353901 | Shield Bottom Left | 27 | 20427 | Nut, Center Lock 5/8" |
| - | 353900 | Shield Bottom Right | 28 | 20068 | Bolt, Hex 5/8 x 3 1/2 |
| 12 | 353903 | Shield Top Left | 29 | 96024 | 6015E Idler Sprocket 5/8" |
| - | 353902 | Shield Top Right | 30 | 353931 | 1 1/2" Idler Sprocket Spacer |
| 13 | 96199 | Spring 1 1/4" Clutch | 31 | 353885 | Idler Weldment |
| 14 | 90057 | Set Collar 1 1/4 " | 32 | 95223 | Valve, Flow Control Relief |
| 15 | 353863 | Bearing Mount Long | 33 | 355111 | Valve Mount Flat |
| 16 | 82203 | 2 Bolt Bearing Flange Housing | 34 | 355587 | Flow Control Mount Plate |
| - | 82041 | 1 1/4" Spherical Bearing | 35 | - | <i>Sprocket B – See Table</i> |

Rear Ground Drive Sprocket Seed Spacing Table



| Sprocket C (Changeable) | Sprocket D (Changeable) | Sprocket A Axe | Sprocket B Clutch | Sprocket E Row Unit | Sprocket F Jackshaft Drive | Seed Spacing (in) |
|----------------------------|----------------------------|-------------------|----------------------|------------------------|-------------------------------|----------------------|
| 6022 | 6034 | 6048 | 6024 | 6020 | 6018 | 16.1 |
| 6022 | 6032 | 6048 | 6024 | 6020 | 6018 | 15.2 |
| 6022 | 6026 | 6048 | 6024 | 6020 | 6018 | 12.3 |
| 6024 | 6034 | 6048 | 6024 | 6020 | 6018 | 14.8 |
| 6024 | 6032 | 6048 | 6024 | 6020 | 6018 | 13.9 |
| 6024 | 6026 | 6048 | 6024 | 6020 | 6018 | 11.3 |
| 6026 | 6034 | 6048 | 6024 | 6020 | 6018 | 13.7 |
| 6026 | 6032 | 6048 | 6024 | 6020 | 6018 | 12.9 |
| 6026 | 6024 | 6048 | 6024 | 6020 | 6018 | 9.6 |
| 6026 | 6022 | 6048 | 6024 | 6020 | 6018 | 8.8 |
| 6032 | 6034 | 6048 | 6024 | 6020 | 6018 | 11.1 |
| 6032 | 6026 | 6048 | 6024 | 6020 | 6018 | 8.5 |
| 6032 | 6024 | 6048 | 6024 | 6020 | 6018 | 7.8 |
| 6032 | 6022 | 6048 | 6024 | 6020 | 6018 | 7.2 |
| 6034 | 6032 | 6048 | 6024 | 6020 | 6018 | 9.8 |
| 6034 | 6026 | 6048 | 6024 | 6020 | 6018 | 8.0 |
| 6034 | 6024 | 6048 | 6024 | 6020 | 6018 | 7.4 |
| 6034 | 6022 | 6048 | 6024 | 6020 | 6018 | 6.8 |
| 6036 | 6022 | 6048 | 6024 | 6020 | 6018 | 6.4 |

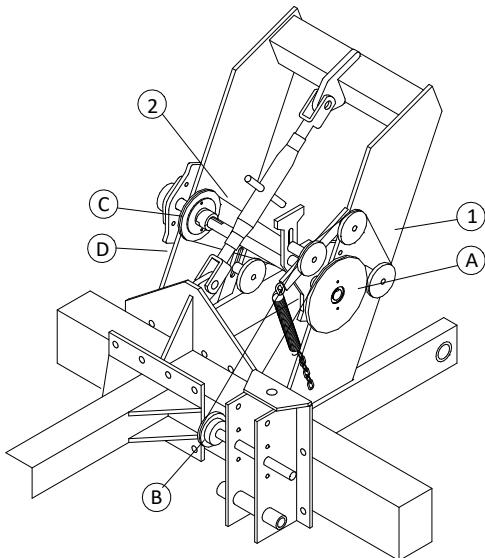
Walking Beam Rear Ground Drive Seed Spacing Table



| Sprocket C (Changeable) | Sprocket D (Changeable) | Sprocket A Axe | Sprocket B Gearbox | Sprocket E Row Unit | Sprocket F Jackshaft Drive | Seed Spacing (in) |
|----------------------------|----------------------------|-------------------|-----------------------|------------------------|-------------------------------|----------------------|
| 6022 | 6034 | 6024 | 6012 | 6020 | 6018 | 16.1 |
| 6022 | 6032 | 6024 | 6012 | 6020 | 6018 | 15.2 |
| 6022 | 6026 | 6024 | 6012 | 6020 | 6018 | 12.3 |
| 6024 | 6034 | 6024 | 6012 | 6020 | 6018 | 14.8 |
| 6024 | 6032 | 6024 | 6012 | 6020 | 6018 | 13.9 |
| 6024 | 6026 | 6024 | 6012 | 6020 | 6018 | 11.3 |
| 6026 | 6034 | 6024 | 6012 | 6020 | 6018 | 13.7 |
| 6026 | 6032 | 6024 | 6012 | 6020 | 6018 | 12.9 |
| 6026 | 6024 | 6024 | 6012 | 6020 | 6018 | 9.6 |
| 6026 | 6022 | 6024 | 6012 | 6020 | 6018 | 8.8 |
| 6032 | 6034 | 6024 | 6012 | 6020 | 6018 | 11.1 |
| 6032 | 6026 | 6024 | 6012 | 6020 | 6018 | 8.5 |
| 6032 | 6024 | 6024 | 6012 | 6020 | 6018 | 7.8 |
| 6032 | 6022 | 6024 | 6012 | 6020 | 6018 | 7.2 |
| 6034 | 6032 | 6024 | 6012 | 6020 | 6018 | 9.8 |
| 6034 | 6026 | 6024 | 6012 | 6020 | 6018 | 8.0 |
| 6034 | 6024 | 6024 | 6012 | 6020 | 6018 | 7.4 |
| 6034 | 6022 | 6024 | 6012 | 6020 | 6018 | 6.8 |
| 6036 | 6022 | 6024 | 6012 | 6020 | 6018 | 6.4 |

Front Ground Drive Seed Spacing Table

| Sprocket A (Changeable) | Sprocket B Row Unit | Sprocket C Clutch Sprocket | Sprocket D Lower Axle | Seed Spacing (in) |
|----------------------------|------------------------|-------------------------------|--------------------------|----------------------|
| 6021 | 6015 | 6024 | 6024 | 12.58 |
| 6022 | 6015 | 6024 | 6024 | 12.00 |
| 6024 | 6015 | 6024 | 6024 | 11.00 |
| 6026 | 6015 | 6024 | 6024 | 10.16 |
| 6028 | 6015 | 6024 | 6024 | 9.42 |
| 6030 | 6015 | 6024 | 6024 | 8.80 |
| 6032 | 6015 | 6024 | 6024 | 8.24 |
| 6034 | 6015 | 6024 | 6024 | 7.76 |
| 6036 | 6015 | 6024 | 6024 | 7.33 |



| Ref. | Part No. | Description |
|------|----------|-------------------------|
| 1 | 95048 | #60 Roller Chain |
| 2 | 95048 | #60 Roller Chain U.S. |
| - | 95049 | #60 Connector Link U.S. |

NOTE: SPROCKET D IS ON WHEEL

| Sprocket A (Changeable) | Sprocket B Row Unit | Sprocket C Clutch Sprocket | Sprocket D Lower Axle | Seed Spacing (in) |
|----------------------------|------------------------|-------------------------------|--------------------------|----------------------|
| 6021 | 6020 | 6030 | 6024 | 20.96 |
| 6022 | 6020 | 6030 | 6024 | 20.08 |
| 6024 | 6020 | 6030 | 6024 | 18.34 |
| 6026 | 6020 | 6030 | 6024 | 16.93 |
| 6028 | 6020 | 6030 | 6024 | 15.70 |
| 6030 | 6020 | 6030 | 6024 | 14.67 |
| 6032 | 6020 | 6030 | 6024 | 13.73 |
| 6034 | 6020 | 6030 | 6024 | 12.93 |
| 6036 | 6020 | 6030 | 6024 | 12.2 |

| Sprocket A (Changeable) | Sprocket B Row Unit | Sprocket C Clutch Sprocket | Sprocket D Lower Axle | Seed Spacing (in) |
|----------------------------|------------------------|-------------------------------|--------------------------|----------------------|
| 6021 | 6013 | 6024 | 6024 | 10.90 |
| 6022 | 6013 | 6024 | 6024 | 10.40 |
| 6024 | 6013 | 6024 | 6024 | 9.53 |
| 6026 | 6013 | 6024 | 6024 | 8.80 |
| 6028 | 6013 | 6024 | 6024 | 8.16 |
| 6030 | 6013 | 6024 | 6024 | 7.62 |
| 6032 | 6013 | 6024 | 6024 | 7.14 |
| 6034 | 6013 | 6024 | 6024 | 6.72 |
| 6036 | 6013 | 6024 | 6024 | 6.35 |

| Sprocket A (Changeable) | Sprocket B Row Unit | Sprocket C Clutch Sprocket | Sprocket D Lower Axle | Seed Spacing (in) |
|----------------------------|------------------------|-------------------------------|--------------------------|----------------------|
| 6021 | 6012 | 6024 | 6024 | 10.06 |
| 6022 | 6012 | 6024 | 6024 | 9.60 |
| 6024 | 6012 | 6024 | 6024 | 8.80 |
| 6026 | 6012 | 6024 | 6024 | 8.12 |
| 6028 | 6012 | 6024 | 6024 | 7.53 |
| 6030 | 6012 | 6024 | 6024 | 7.03 |
| 6032 | 6012 | 6024 | 6024 | 6.59 |
| 6034 | 6012 | 6024 | 6024 | 6.20 |
| 6036 | 6012 | 6024 | 6024 | 5.86 |

| Sprocket A (Changeable) | Sprocket B Row Unit | Sprocket C Clutch Sprocket | Sprocket D Lower Axle | Seed Spacing (in) |
|----------------------------|------------------------|-------------------------------|--------------------------|----------------------|
| 6021 | 6020 | 6024 | 6024 | 16.77 |
| 6022 | 6020 | 6024 | 6024 | 16.00 |
| 6024 | 6020 | 6024 | 6024 | 14.67 |
| 6026 | 6020 | 6024 | 6024 | 13.54 |
| 6028 | 6020 | 6024 | 6024 | 12.56 |
| 6030 | 6020 | 6024 | 6024 | 11.74 |
| 6032 | 6020 | 6024 | 6024 | 10.98 |
| 6034 | 6020 | 6024 | 6024 | 10.34 |
| 6036 | 6020 | 6024 | 6024 | 9.76 |



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