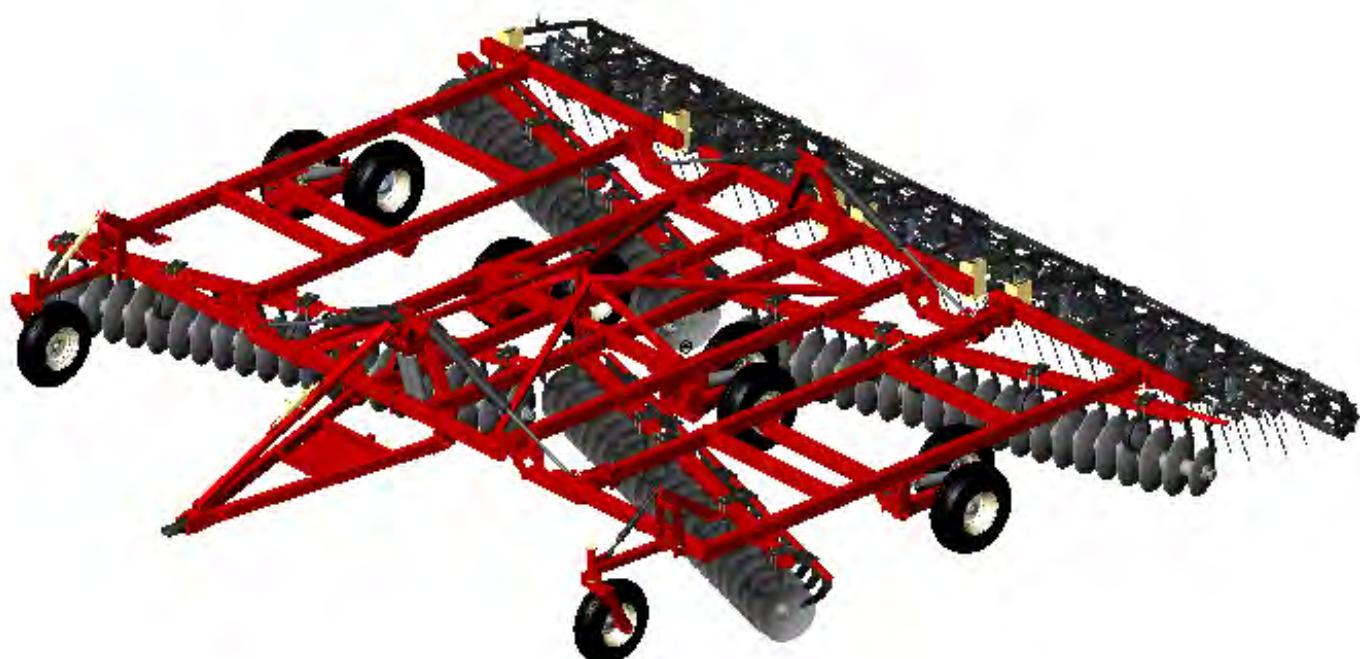


# SALFORD

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**2016 870 32FT (9.6m) & 35FT (10.7m) DISC  
ASSEMBLY AND PARTS MANUAL  
MANUAL #: MNP870-32-35-16A  
Serial number 166000-**



# Table of Contents

## **General Information**

|  |   |
|--|---|
| Serial Number and Paint Code.....            | 4 |
| Salford Recommended Torque Values.....       | 5 |
| Torque and Pressure Settings for Tires ..... | 6 |
| General Safety Precautions .....             | 8 |

## **Frame & Tongue**

|  |    |
|--|----|
| Mainframe Assembly .....                   | 10 |
| Wing Fold Tower Installation .....         | 12 |
| Wing Rest Installation.....                | 14 |
| Wing Installation.....                     | 16 |
| Tongue Installation.....                   | 18 |
| Telescope Mount Hose Holder.....           | 20 |
| Self Levelling Pivot Installation .....    | 21 |
| Depth Control Assembly .....               | 22 |
| Wing Gauge Wheel Placement (Optional)..... | 24 |
| Wing Gauge Wheel Assembly (Optional).....  | 25 |

## **Wheel and Axle Assembly**

|   |    |
|---|----|
| Mainframe Axle Installation .....       | 26 |
| Wing Axle Mount Placement.....          | 29 |
| Wing Axle Mount Installation.....       | 30 |
| Wing Axle Installation .....            | 32 |
| 16000 lb Disc Axle Assembly .....       | 34 |
| 10000 lb Disc Wing Axle Assembly .....  | 36 |
| 12000 lb Hub and Spindle Assembly ..... | 38 |
| 8000 lb Hub and Spindle Assembly .....  | 40 |
| 4000 lb Hub and Spindle Assembly .....  | 42 |

## **Disc Gangs**

|   |    |
|---|----|
| Disc Gang Installation.....                 | 44 |
| Disc Gang and Scraper Parts.....            | 46 |
| C-Flex Hanger Assembly .....                | 48 |
| 2 1/4" Disc Gang Bearing Assembly .....     | 50 |
| 31ft 8in - 9" Spacing Disc Gang Layout..... | 52 |
| 35ft - 9" Spacing Disc Gang Layout.....     | 53 |
| Disc Blades - 9" Spacing .....              | 54 |

## **Harrows (Optional)**

|                              |    |
|------------------------------|----|
| Harrow Installation .....    | 57 |
| 62" Harrow Arm Assembly..... | 58 |
| 1/2" Tine Harrow Parts ..... | 60 |
| 14" Roller Parts.....        | 62 |
| 32ft Harrow Layout.....      | 64 |
| 35ft Harrow Layout.....      | 65 |

**Hydraulics & Electrical**

|   |    |
|---|----|
| Axle Lift Hydraulics .....                        | 66 |
| Wing Fold Hydraulics .....                        | 68 |
| Lights, Parking Stand, and SMV Installation ..... | 70 |

**Tow Hitch (Optional)**

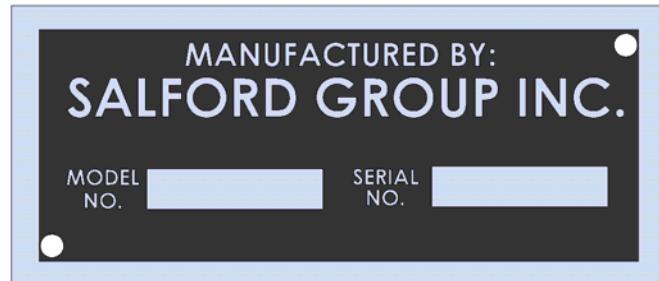
|                             |    |
|-----------------------------|----|
| Tow Hitch Installation..... | 71 |
|-----------------------------|----|

**Safety Decals**

|                     |    |
|---------------------|----|
| Safety Decals ..... | 72 |
|---------------------|----|

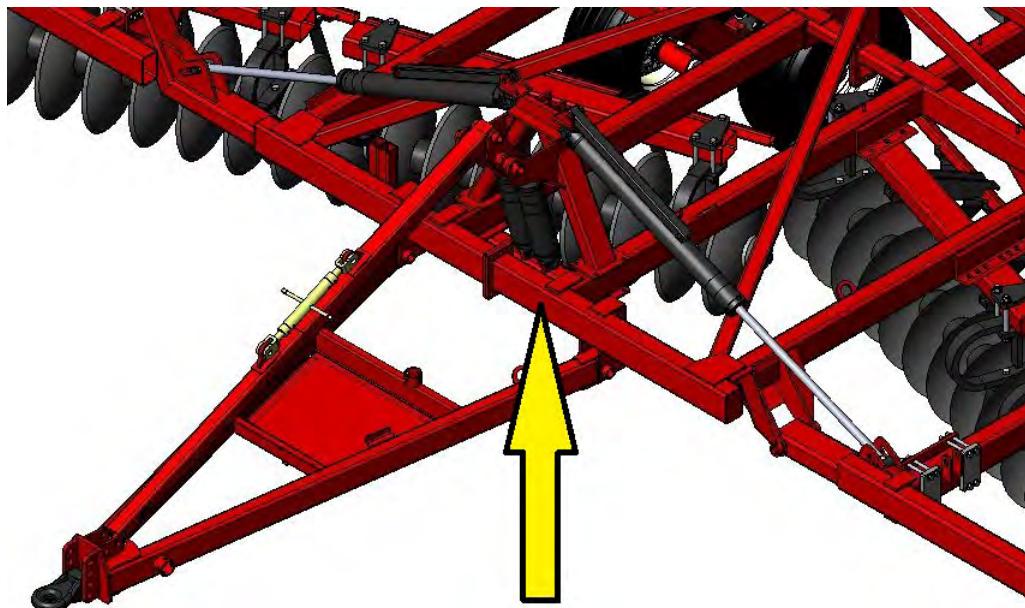
## Serial Number and Paint Code

Your machine has a model and serial number to clearly identify it. Always give your dealer the model number and serial number of your machine when ordering parts or requesting service information. Record the model and serial numbers in the spaces provided for easy reference. We also recommend recording the serial numbers of any third party equipment, such as fans, conveyor, etc.



Model number: \_\_\_\_\_

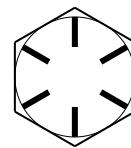
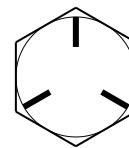
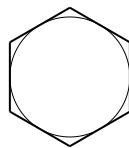
Serial numbers: \_\_\_\_\_  
\_\_\_\_\_



**ATTENTION:** If your machine has the decal shown below located next to the serial number plate, the red paint code is **EF20824P1**. If your machine does **NOT** have the decal shown below, the red paint code is **EF25521P1**.



## Salford Recommended Torque Values



| BOLT SIZE | GRADE 2 |     | GRADE 5 |     | GRADE 8 |      |
|-----------|---------|-----|---------|-----|---------|------|
|           | ft-lbs  | Nm  | ft-lbs  | Nm  | ft-lbs  | Nm   |
| 1/2"NC    | 50      | 68  | 75      | 102 | 105     | 142  |
| 5/8"NC    | 90      | 122 | 150     | 203 | 210     | 285  |
| 3/4"NC    | 160     | 217 | 270     | 366 | 375     | 508  |
| 7/8"NC    | 145     | 197 | 395     | 536 | 610     | 827  |
| 1"NC      | 210     | 285 | 590     | 800 | 910     | 1234 |

**NOTES:** These recommended torque values are applicable when applied to the nut only. These recommended torque values are approximate only. The torque-tension relationship is affected by lubrication, surface finish, thread fit, plating, lock-washers, etc.

**DO NOT** use these values if a different torque value or tightening procedure is given for a specific application. Torque values listed are for general use only. Check tightness of fasteners periodically.

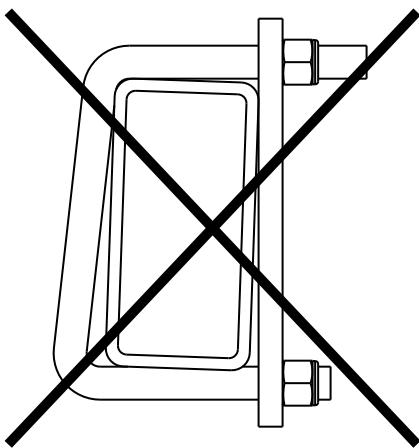
Shear bolts are designed to fail under predetermined loads. Always replace shear bolts with identical grade.

Fasteners should be replaced with the same or higher grade. If higher-grade fasteners are used, these should only be tightened to the strength of the original.

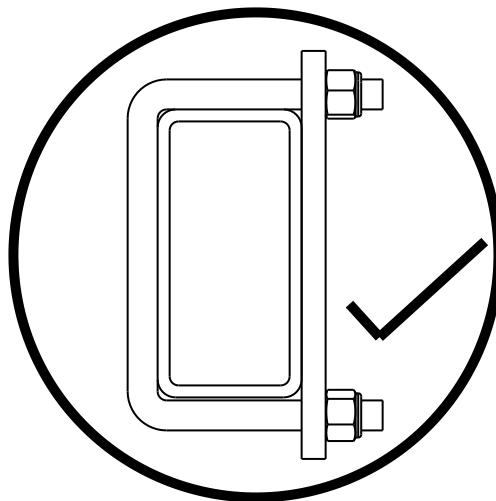
Make sure fasteners threads are clean and that you properly start thread engagement. This will prevent them from failing when tightening.

### WARNING

Do not tighten one side of the u-bolt before the other side.



Both sides of the u-bolt must be tightened equally.



## Torque and Pressure Settings for Tires



**WARNING** Maintain proper torque to provide safe and secure attachment of the wheel hub/drum. Improperly tightened wheel nuts can cause the wheel to separate from the wheel mounting surface during operation. This could result in property damage, serious personal injury, or possibly loss of life.

**NOTE** - If wheel does not have chamfers to match profile of the nuts, use flat side of nuts against rim face.

Install all lug nuts/bolts by hand to prevent cross threading and tighten lug nuts/bolts following the steps and tightening sequence diagram below.

- STEP 1) Torque to 20-25 ft•lbs following the appropriate pattern below.
- STEP 2) Torque to 55-60 ft•lbs following the appropriate pattern below.
- STEP 3) Torque to final ft•lbs rating (see bolt size below) following the appropriate pattern below.

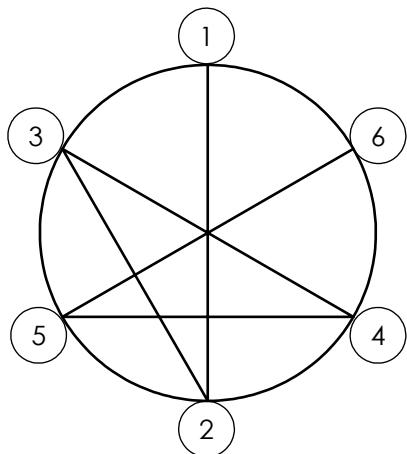
| Bolt Size (Hub Size)                   | Final Torque* |
|--|---------------|
| 1/2" dia. bolt (up to 3000 lb hubs)    | 90 ft•lbs     |
| 9/16" dia. bolt (4000 - 5000 lb hubs)  | 120 ft•lbs    |
| 5/8" dia. bolt (5500 - 12000 lb hubs)  | 170 ft•lbs    |
| 3/4" dia. bolt (16000 - 20000 lb hubs) | 300 ft•lbs    |
| 7/8" dia. bolt (25000 lb hubs)         | 540 ft•lbs    |
| 22mm dia. bolt (35000 lb hubs)         | 540 ft•lbs    |

\*'Dry Torque' values shown.

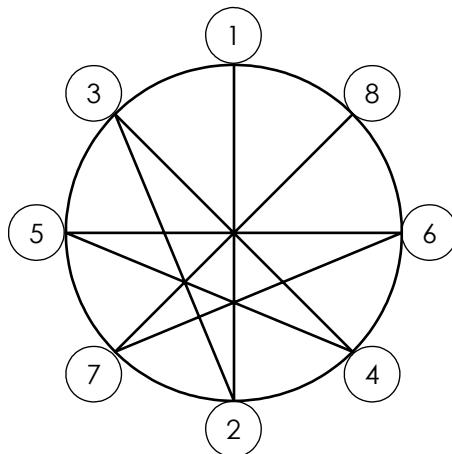
If using a lubricant (eg oil, or anti-sieze), use only 75% of the dry torque.

### Lug Nut/Bolt Tightening Sequence

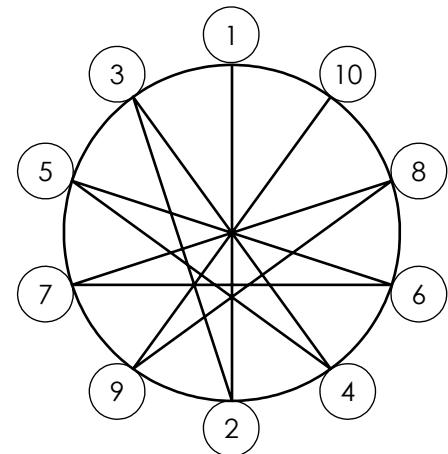
6 LUG BOLT PATTERN



8 LUG BOLT PATTERN



10 LUG BOLT PATTERN



**NOTE** - Recheck the torque settings of lug nuts/bolts after 10km (6 miles) and again after 50km (30 miles). Periodically and at the beginning of each season check the condition and the torque of the lug nuts/bolts.

## Torque and Pressure Settings for Tires

Ensure proper inflation of each tire for safe operation and extended tire life.

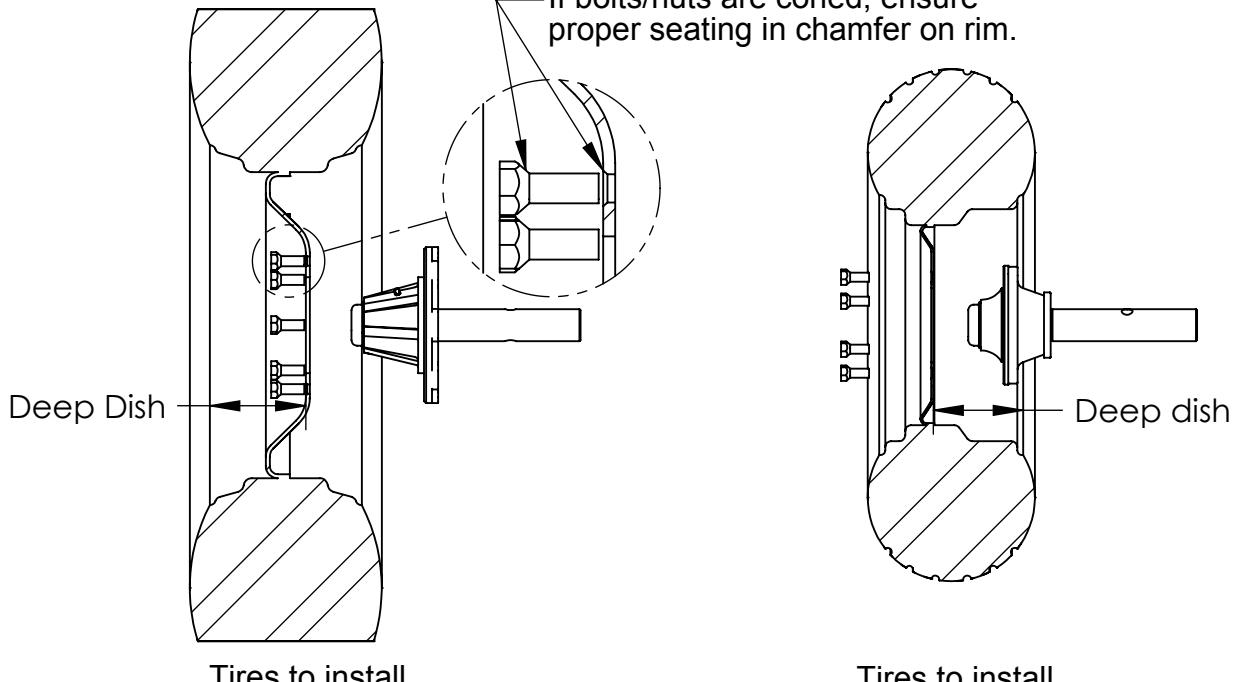
| Tire Size                                  | Pressure [psi]      | Pressure [bar] |
|--|---------------------|----------------|
| 23.1 x 26 (16 ply)                         | 25 [psi]            | 1.72 [bar]     |
| 15 x 19.5 Lug Tire (6 ply)                 | 30 [psi]            | 2.07 [bar]     |
| Load Range C - 11L15                       | 35 [psi]            | 2.41 [bar]     |
| 28L26 (16 ply)                             | 36 [psi]            | 2.48 [bar]     |
| 30.5LR32 (181A8/B)                         | 52 [psi]            | 3.58 [bar]     |
| Load Range D - 11L15<br>- 12.5L15          | 65 [psi]            | 4.48 [bar]     |
| 15 x 19.5 Lug Tire (14 ply)                | 70 [psi]            | 4.83 [bar]     |
| 340/60R16.5IMP (145A8/B)                   | 73 [psi]            | 5.00 [bar]     |
| Load Range F - 11L15<br>- 12.5L15          | 90 [psi]            | 6.20 [bar]     |
| Truck Tires - 245/70R19-5<br>- 305/70R22-5 |                     |                |
| Truck Tires - 425/60R22-5                  | 110 [psi]           | 7.49 [bar]     |
| Truck Tires - 445/60R22-5                  | SEE TIRE SIDEWALL!! |                |

**NOTE** - Periodically and at the beginning of each season check the condition and the pressure of each tire.

### Tire Installation Direction

Measure both sides of tire in to rim face. Install the deep side in or out according to the instructions below.

If bolts/nuts are coned, ensure proper seating in chamfer on rim.



Tires to install  
deep dish out:

12.5L  
305  
15 x 19.5  
340

Tires to install  
deep dish in:

11L  
245  
425  
445

**Do not rely on valve stem for orientation of tires. It may face in or out on different rims.**

## General Safety Precautions

### Signal Words

The words **DANGER**, **WARNING**, or **CAUTION** are used with the safety alert symbol. Learn to recognize the safety alerts, and follow the recommended precautions and safe practices.

**Three words are used in conjunction with the safety-alert symbol:**



#### **DANGER**

Indicates an imminently hazardous situation that, if not avoided, will cause DEATH OR VERY SERIOUS INJURY



#### **WARNING**

Indicates a potentially hazardous situation that, if not avoided, could cause DEATH OR SERIOUS INJURY



#### **CAUTION**

Indicates a potentially hazardous situation that, if not avoided, may cause MINOR OR MODERATE INJURY

Replace any **DANGER**, **WARNING**, **CAUTION**, or instructional decal that is not readable or is missing. The location and part number of these decals are identified later in this manual.

The words **Important** and **Note** are not related to personal safety but are used to give additional information and tips for operating or servicing this equipment.

**IMPORTANT:** Identifies special instructions or procedures which, if not strictly observed could result in damage to, or destruction of the machine, process or its surroundings.

**NOTE:** Indicates points of particular interest for more efficient and convenient repair or operation.

**A CAREFUL OPERATOR IS THE BEST INSURANCE AGAINST AN ACCIDENT!**

## General Safety Precautions

### Wing Fold

- Wings may fall rapidly causing injury.
- Do not stand under wings.
- Always stay clear of wings when being lowered, raised, or in an elevated state.
- Always use wing locks when raised.
- Ensure cylinders are completely filled with hydraulic fluid to avoid any unexpected movement.

**DANGER**



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### Hydraulics

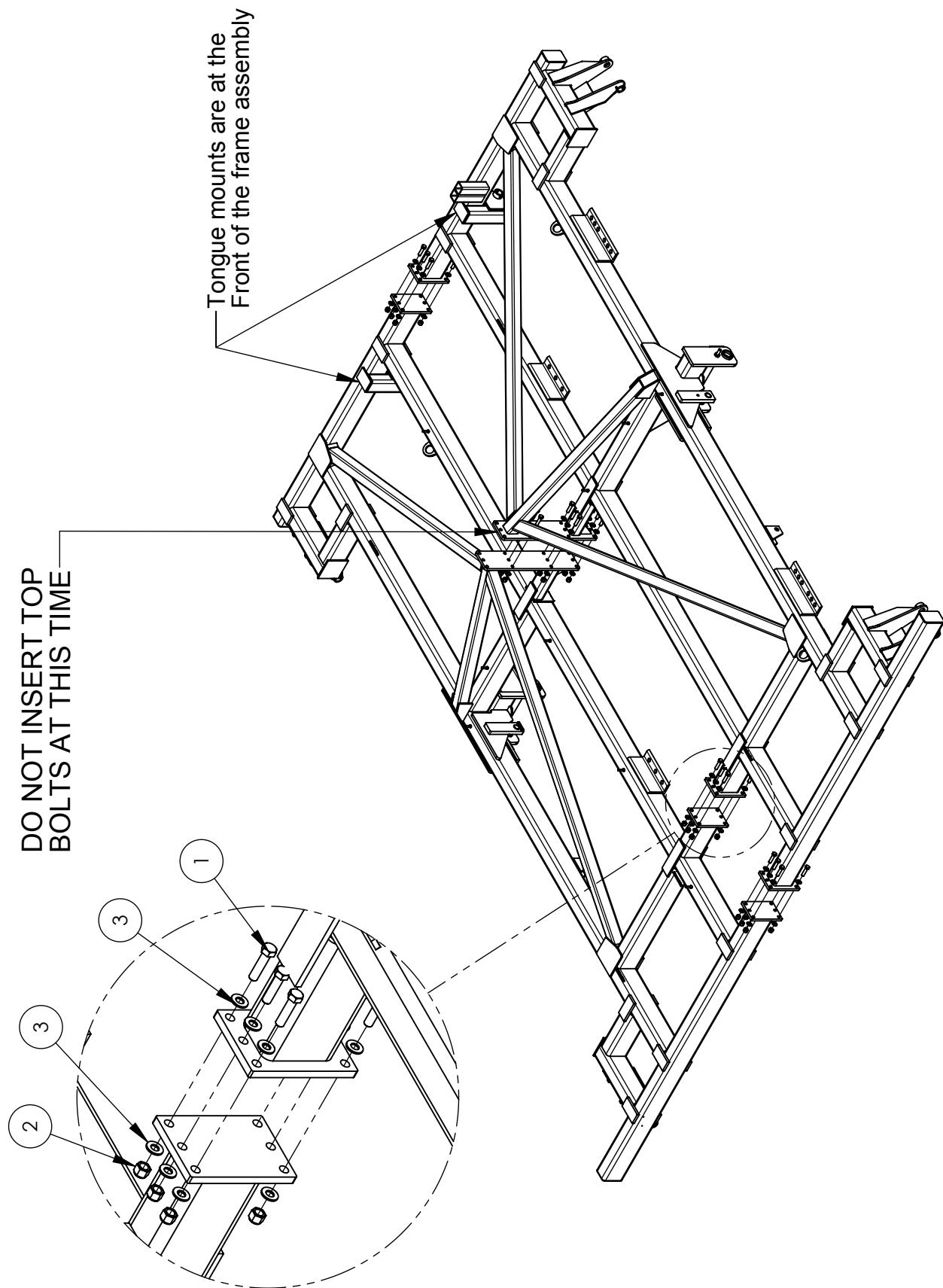
- **DO NOT** search for high pressure hydraulic leaks without any hand and face protection. A tiny, almost invisible leak can penetrate skin, requiring immediate medical attention.
- Use cardboard or wood to detect leaks – never your hand.
- Double check that all is clear before operating hydraulics.
- **NEVER** remove hydraulic hoses or ends with machine elevated.  
Relieve hydraulic pressure before disconnecting hydraulic hoses or ends.
- Use transport/maintenance locks when machine is raised.
- Maintain proper hydraulic fluid levels.
- Keep all connectors clean for positive connections.
- Ensure all fittings and hoses are in good condition and are properly tightened.
- **NEVER** work on or under an elevated machine unless it has been locked up using the transport/maintenance locks.



**DANGER**



## Mainframe Assembly

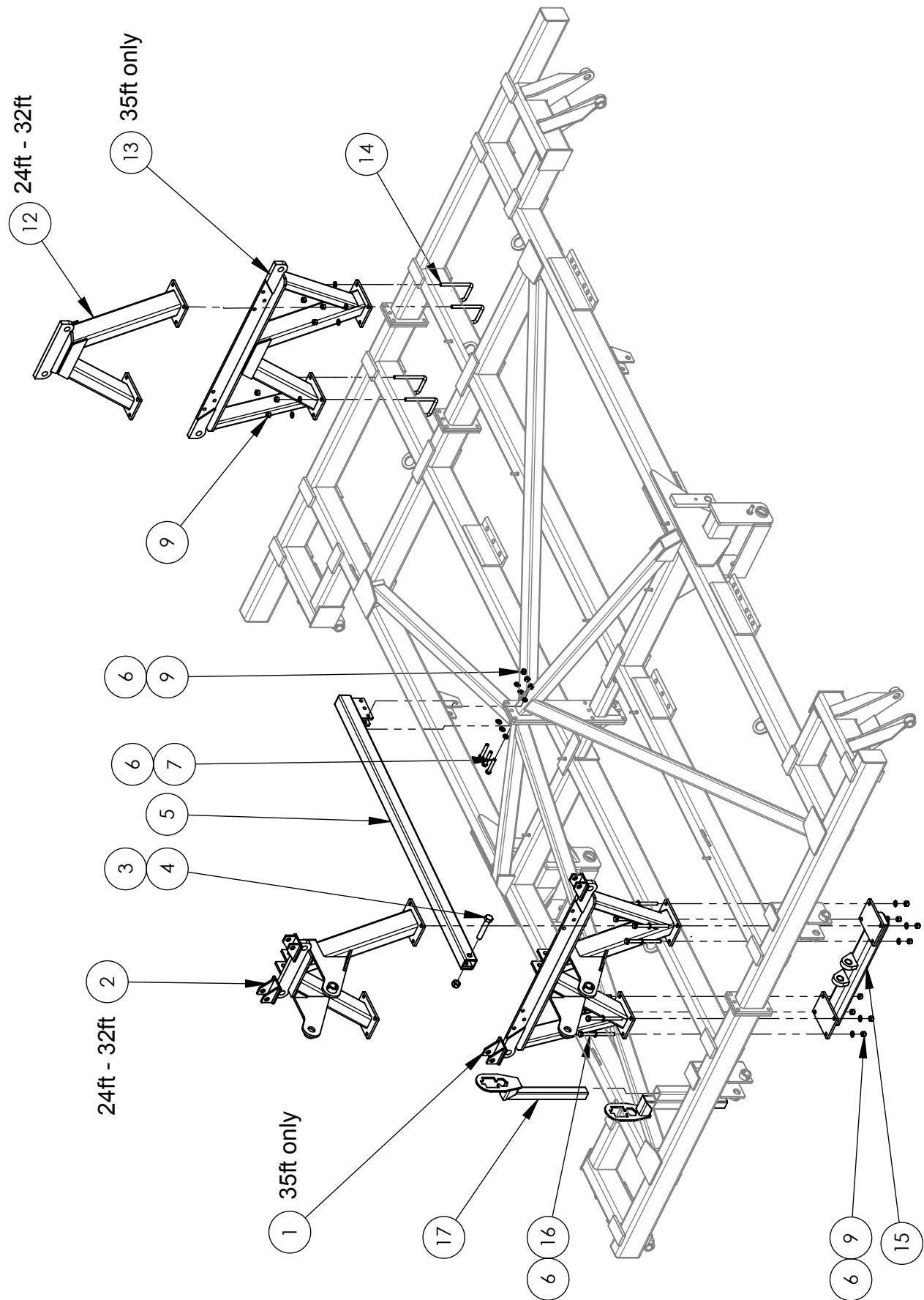


## Mainframe Assembly

| ITEM | QTY | PART NO. | DESCRIPTION                      |
|------|-----|----------|----------------------------------|
| 1    | 27  | B1025    | 5/8 x 2 1/2" HEX BOLT GR 5       |
| 2    | 27  | BN10L    | 5/8" NYLOCK NUT NC               |
| 3    | 54  | BF10HS   | 5/8" HARD STRUCTURAL FLAT WASHER |

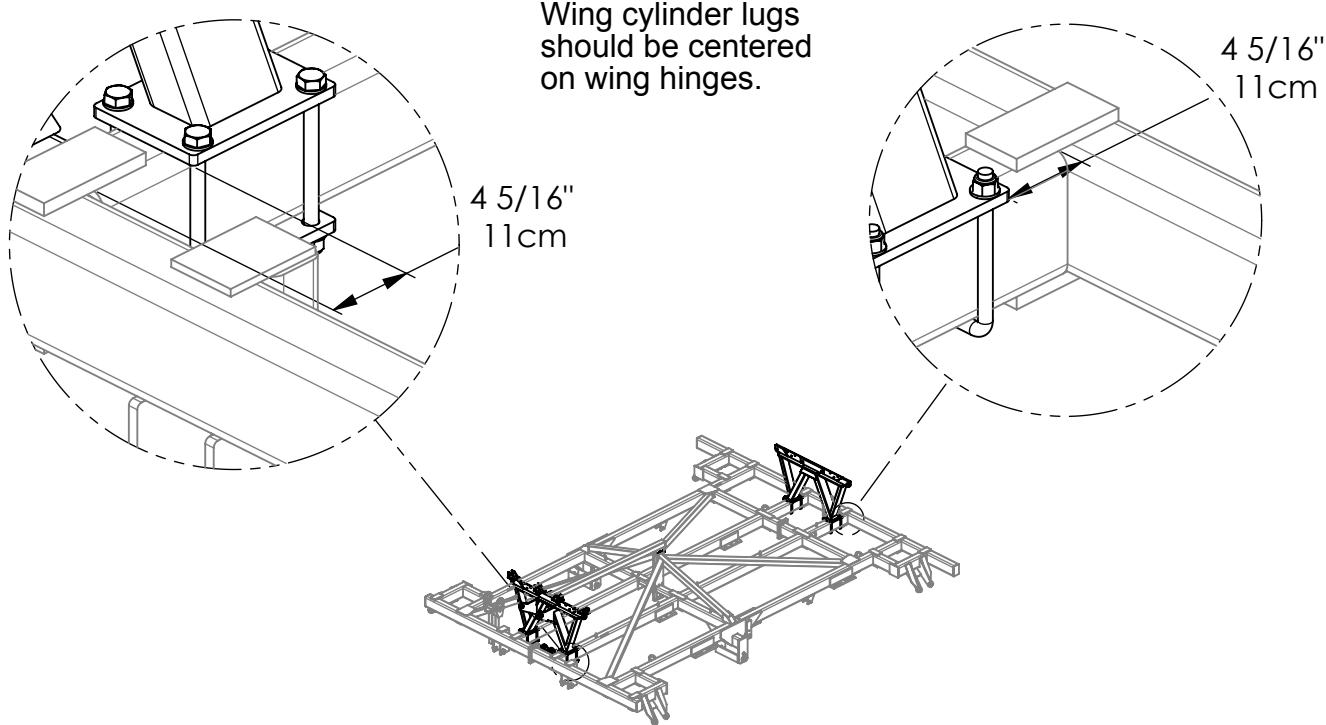
Do not install top joint bolts at this time where noted. These bolts will be installed with the wing-fold tower brace.

## Wing Fold Tower Installation

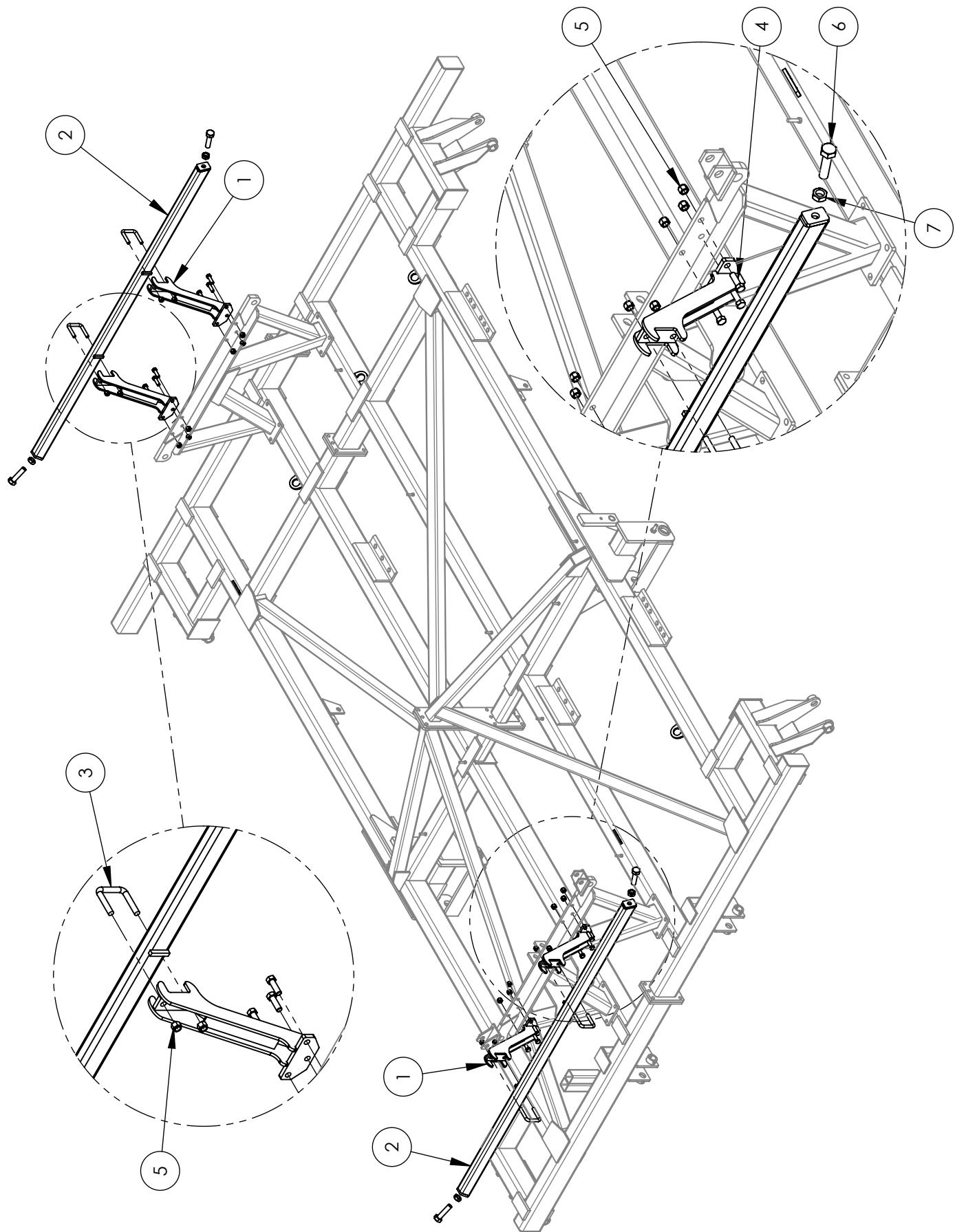


## Wing Fold Tower Installation

|             | ITEM | QTY | PART NO. | DESCRIPTION                       |
|-------------|------|-----|----------|-----------------------------------|
| 35ft only   | 1    | 1   | D10048   | 870 WIDE MAINFRAME CYL TOWER      |
|             | 2    | 1   | D10061   | 870 NARROW MAINFRAME CYL TOWER    |
|             | 3    | 1   | BN16L    | 1-8 NC NYLOCK NUT                 |
|             | 4    | 1   | B1655    | 1" NC x 5 1/2" LG. HEX BOLT GR. 5 |
|             | 5    | 1   | D10049   | W-TOWER TO SPIDER BRACE           |
|             | 6    | 30  | BF10HS   | 5/8" HARD STRUCTURAL FLAT WASHER  |
|             | 7    | 3   | B1035    | 5/8" x 3 1/2" UNC HEX BOLT        |
| 24ft - 32ft | 9    | 19  | BN10L    | 5/8" NYLOCK NUT NC                |
|             | 12   | 1   | D10062   | 870 NARROW MAINFRAME A-TOWER      |
|             | 13   | 1   | D70106   | REAR W-TOWER                      |
| 35ft only   | 14   | 4   | BU1046   | U-BOLT 5/8" x 4" x 7 1/2" LG.     |
|             | 15   | 1   | D70112   | SELF-LEVELING CYLINDER MOUNT      |
|             | 16   | 8   | B1080    | 5/8"NC x 8" HEX BOLT GR. 5        |
|             | 17   | 2   | D10016   | DISC GANG WRENCH                  |



## Wing Rest Installation



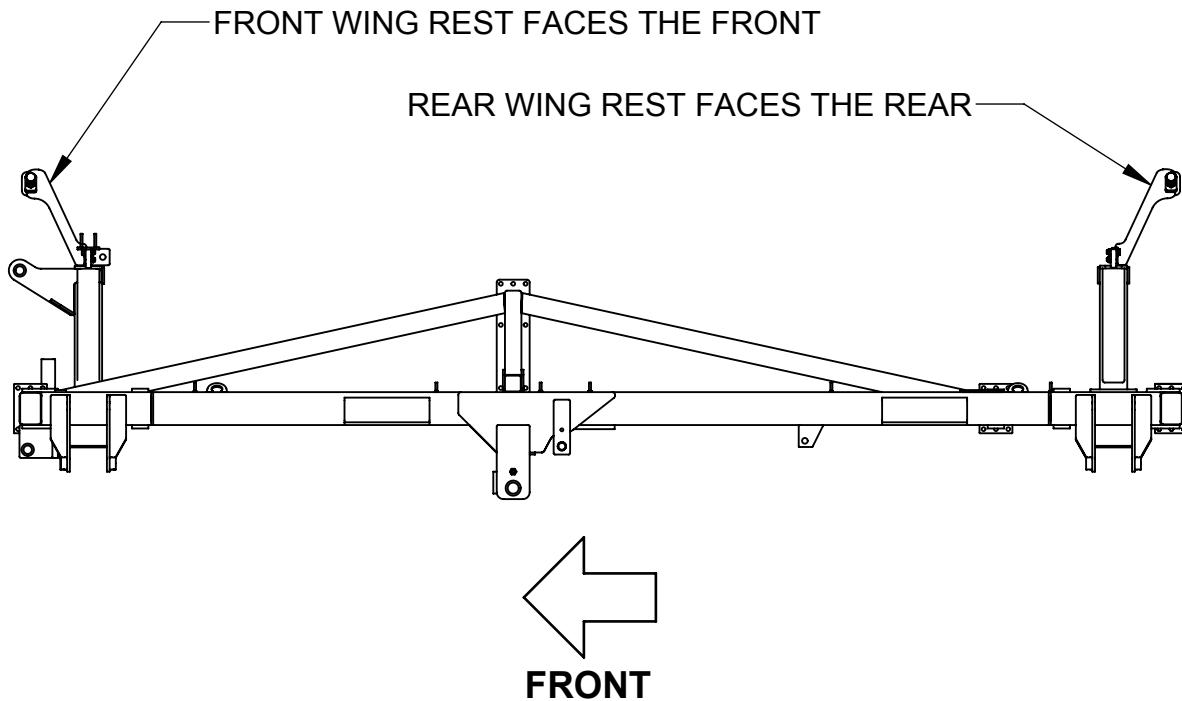
## Wing Rest Installation

| ITEM | QTY | PART NO. | DESCRIPTION                     |
|------|-----|----------|---------------------------------|
| 1    | 4   | D10133   | 35' 870 WING REST SUPPORT       |
| 2    | 2   | D10132   | 35' 870 WING REST TUBE WELDMENT |
| 3    | 4   | BU1035   | U-BOLT 5/8" x 3" x 3 1/2"       |
| 4    | 12  | B1020    | 5/8 X 2" BOLT GR. 5 PLATED      |
| 5    | 20  | BN10L    | 5/8" NYLOCK NUT NC              |
| 6    | 4   | B1640TH  | 1" x 4" NC TAP BOLT             |
| 7    | 4   | BN16J    | 1"NC JAM NUT                    |

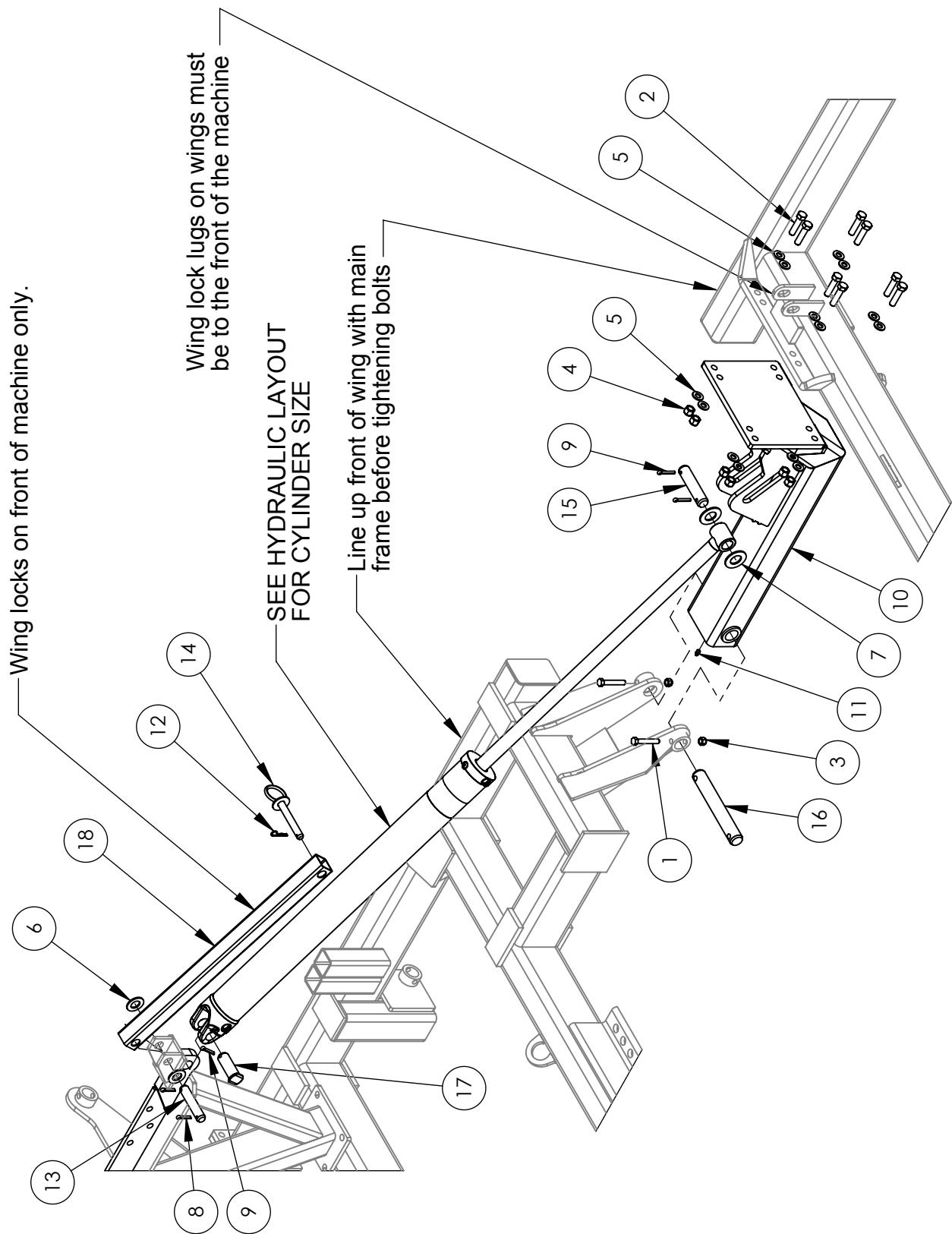


### IMPORTANT

WHEN FOLDING FOR THE FIRST TIME, THE BOLT  
6 (B1640TH) MUST BE ALL THE WAY IN. AFTER  
 THE MACHINE IS FOLDED SET THE BOLT SO THE  
 CYLINDER WILL NOT BE UNDER PRESSURE IN  
 TRANSPORT POSITION THEN TIGHTEN JAM NUT.



## Wing Installation



## Wing Installation

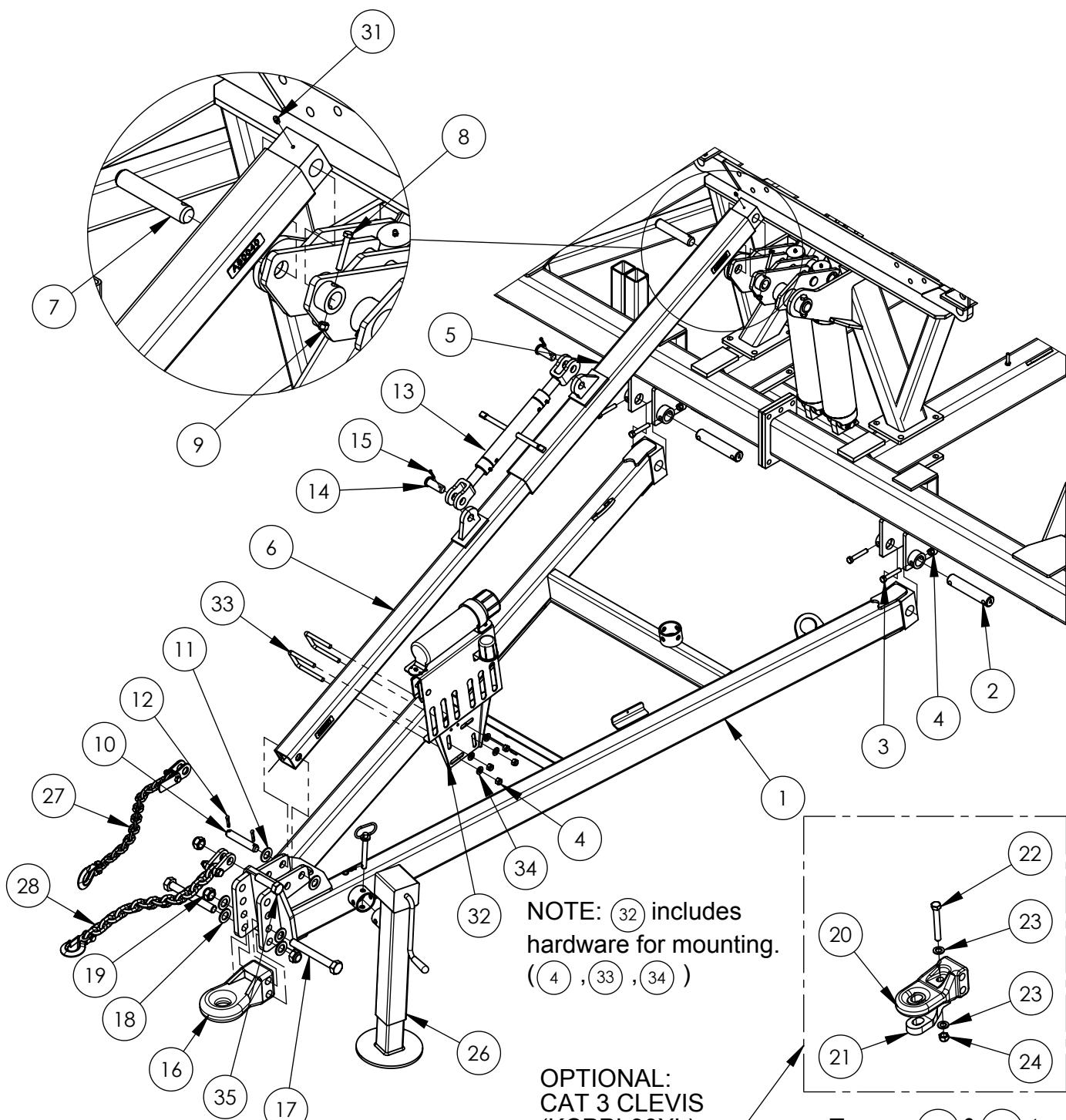
| ITEM | QTY | PART NO.       | DESCRIPTION                                    |
|------|-----|----------------|--|
| 1    | 8   | B0830          | 1/2" x 3" HEX BOLT                             |
| 2    | 32  | B1025          | 5/8 x 2 1/2" HEX BOLT GR 5                     |
| 3    | 8   | BN08L          | 1/2" NYLOCK NUT NC                             |
| 4    | 32  | BN10L          | 5/8" NYLOCK NUT NC                             |
| 5    | 64  | BF10HS         | 5/8" HARD STRUCTURAL FLAT WASHER               |
| 6    | 4   | BF16S          | 1" SAE WASHER                                  |
| 7    | 8   | BF20S          | 1 1/4" SAE WASHER                              |
| 8    | 4   | BSC0515        | 5/16" x 1 1/2" COTTER PIN                      |
| 9    | 12  | BSC0520        | 5/16" x 2" COTTER PIN                          |
| 10   | 4   | D10164         | 870 WING HINGE FOR 1 1/4" CYL. PINS            |
| 11   | 2   | GF1610         | 1/8" NPT GREASE FITTING                        |
| 12   | 2   | GHP11          | #11 HAIR PIN                                   |
| 13   | 2   | GP16005A05     | PIN 1" DIA. x 5" LG. - 2 HOLES                 |
| 14   | 2   | GP1200512C03   | RING & WASHER PIN                              |
| 15   | 4   | GP2000512A05   | 1 1/4" x 5 1/2" PIN - 2 HOLES                  |
| 16   | 4   | GP2401012A09   | 1 1/2" DIA. x 10 1/2" LG.                      |
| 17   | 4   | GPHF2000312H05 | 1 1/4" x 3 1/2" SHOULDER PIN HARDENED W/ FLATS |
| 18   | 2   | US00217        | 870 WING LOCK                                  |

**NOTE: BEFORE TIGHTENING BOLTS ENSURE WINGS ARE PARALLEL WITH MAINFRAME AND FRONT OF WING LINES UP WITH FRONT OF MAINFRAME.**



**DANGER** Connect hoses and charge the wing cylinders with fluid before connecting rod ends of the cylinders.

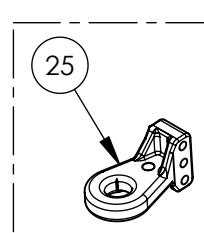
## Tongue Installation



(27) Used on machines under 31ft.

(28) Used on machines 31ft and up.

Install clevis in bottom holes for draw-bars 18-22" high.  
For taller draw-bars move clevis up as required to level machine.



**OPTIONAL**  
CAT 5 CLEVIS  
(KCPPI-53XL)

## Tongue Installation

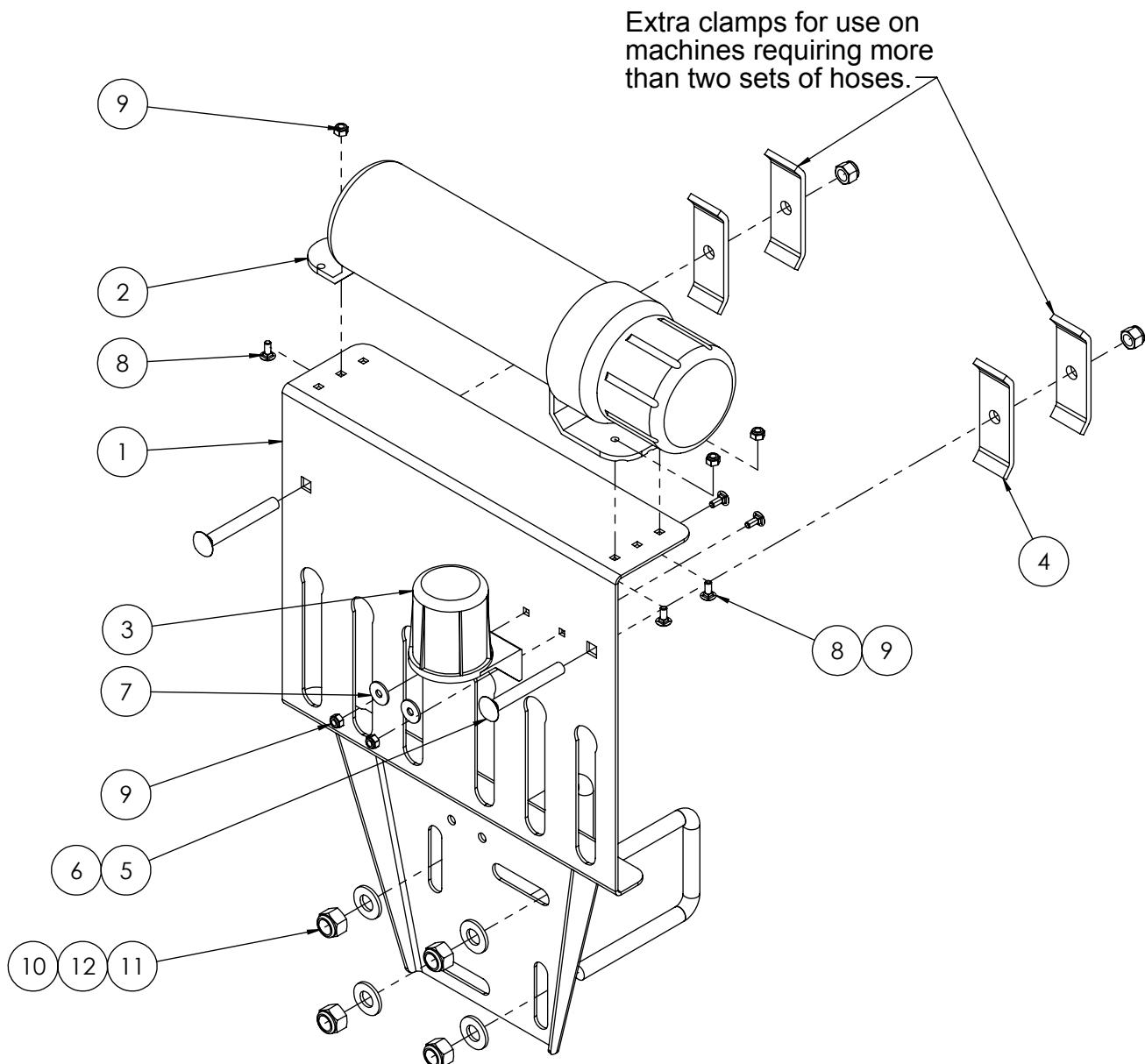
| ITEM | QTY | PART NO.      | DESCRIPTION                              |
|------|-----|---------------|--|
| 1    | 1   | P9701C        | HD RTS-870-9700 CAST CLEVIS TONGUE       |
| 2    | 2   | GPH2400758A09 | HARDENED PIN 1 1/2" x 7 5/8" LG. 2 HOLES |
| 3    | 4   | B0830         | 1/2"NC x 3" HEX BOLT                     |
| 4    | 8   | BN08L         | 1/2" NYLOCK NUT NC                       |
| 5    | 1   | A60040        | OUTER TELESCOPE 48"                      |
| 6    | 1   | A60041        | 570-580-860-870-9700 INNER TELESCOPE     |
| 7    | 1   | GP2000612B06  | 1 1/4" x 6 1/2" LG. PIN - 1 HOLE         |
| 8    | 1   | B0625         | 3/8" X 2 1/2" LG. GRADE 5                |
| 9    | 1   | BN06L         | 3/8"-16NC NYLOCK NUT                     |
| 10   | 1   | GP1600512A05  | PIN 1" DIA. x 5 1/2" LG. - 2 HOLES       |
| 11   | 2   | BF16S         | 1" SAE WASHER                            |
| 12   | 2   | BSC0515       | 5/16" x 1 1/2" COTTER PIN                |
| 13   | 1   | A50010        | TURNUCKLE                                |
| 14   | 2   | GP1600258H04  | PIN 1" DIA. x 2 5/8" LG. WITH HEAD       |
| 15   | 2   | BSC0415       | 1/4" x 1 1/2" COTTER PIN                 |
| 16   | 1   | PPI-42XL      | CAT 4 CAST IRON HITCH                    |
| 17   | 2   | B1680H        | 1" x 8" NC HEX BOLT GR. 8                |
| 18   | 4   | BF16HS        | 1" HARD STRUCTURAL WASHER                |
| 19   | 3   | BN16L         | 1-8 NC NYLOCK NUT                        |
| 20   | 1   | PPI-30XL      | CAT #3 CAST CLEVIS                       |
| 21   | 1   | PPI-208VR     | CLEVIS FOR CAT 3 HITCH                   |
| 22   | 1   | B1255H        | 3/4" x 5 1/2" HEX BOLT GR. 8             |
| 23   | 2   | BF12HS        | 3/4" HARD STRUCTURAL WASHER              |
| 24   | 1   | BN12S         | 3/4" STOVER LOCK NUT                     |
| 25   | 1   | PP53XL        | CAT #4-5 CAST CLEVIS                     |
| 26   | 1   | GJ8002        | 8000 LB TONGUE JACK                      |
| 27   | 1   | GJ652027      | 21,000 LB SAFETY CHAIN                   |
| 28   | 1   | GJ35K48       | 41,000 LB SAFETY CHAIN - 60" LG.         |
| 29   | 1   | GP100414C03   | 5/8" DIA x 4 1/4" PIN RING & WASHER      |
| 30   | 1   | GHP11         | #11 HAIR PIN                             |
| 31   | 1   | GF641         | 1/4"-28NF GREASE FITTING                 |
| 32   | 1   | A60096A       | TELESCOPE MOUNT HOSE HOLDER ASSEMBLY     |
| 33   | 2   | BU0830        | 1/2" x 3" x 4 1/4" U-BOLT                |
| 34   | 4   | BF08HS        | 1/2" HARD STRUCTURAL FLAT WASHER         |
| 35   | 1   | B1635         | 1"NC x 3 1/2" LG. HEX BOLT GR.5 PLATED   |

(27) Used on machines under 31ft.

(28) Used on machines 31ft and up.

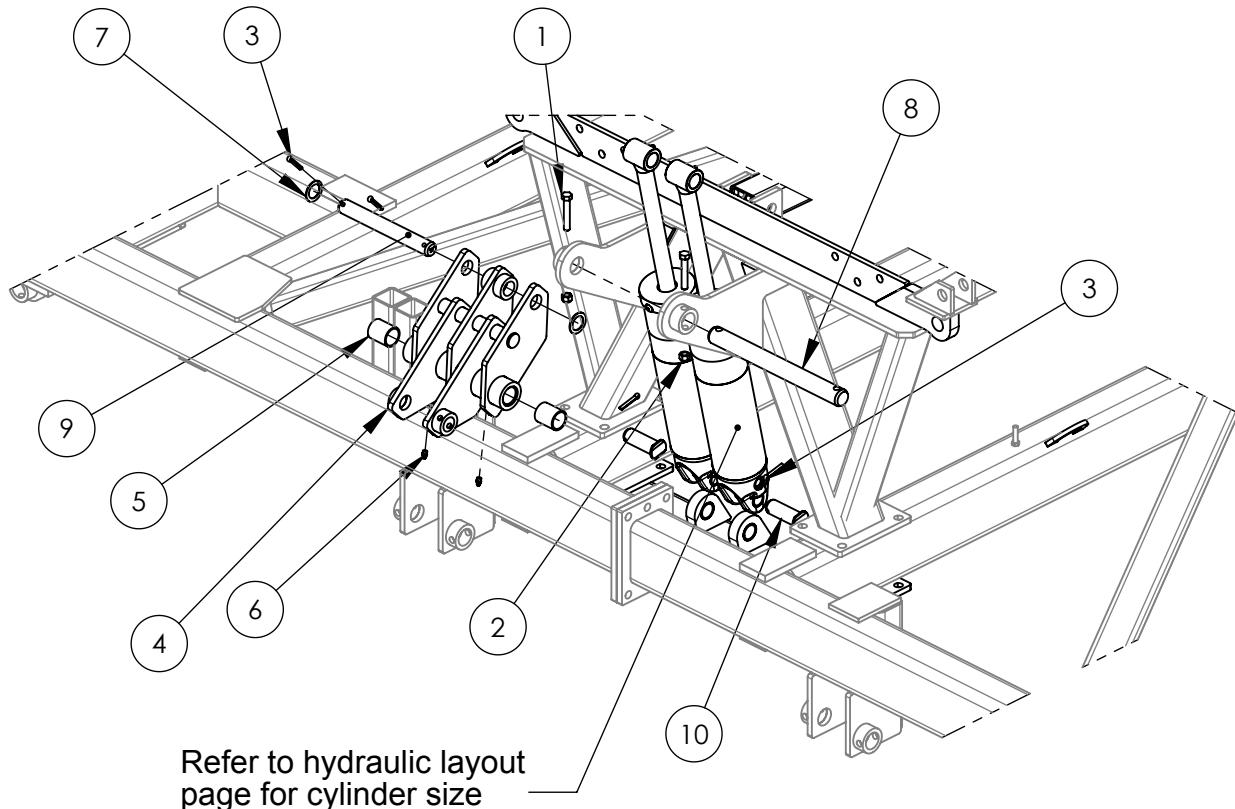
## Telescope Mount Hose Holder

| ITEM | QTY | PART NO. | DESCRIPTION                                      |
|------|-----|----------|--|
| 1    | 1   | A60096   | TELESCOPE MOUNT HOSE HOLDER                      |
| 2    | 1   | G106     | HD OPERATORS MANUAL HOLDER                       |
| 3    | 1   | GL11750  | LIGHT PLUG HOLDER - PLASTIC                      |
| 4    | 4   | P0160B   | HOSE CLAMP 4"                                    |
| 5    | 2   | BC0630   | 3/8"NC x 3" LG. CARRIAGE BOLT                    |
| 6    | 2   | BN06L    | 3/8"-16NC LOCK NUT                               |
| 7    | 2   | BF04     | 1/4" FLATWASHER                                  |
| 8    | 5   | BC0205   | 10-24 x 1/2" A307A LOW CARBON ZINC CARRIAGE BOLT |
| 9    | 5   | BN02L    | #10-24 NYLOCK NUT                                |
| 10   | 2   | BU0830   | 1/2" x 3" x 4 1/4" U-BOLT                        |
| 11   | 4   | BN08L    | 1/2" NYLOCK NUT NC                               |
| 12   | 4   | BF08HS   | 1/2" HARD STRUCTURAL FLAT WASHER                 |

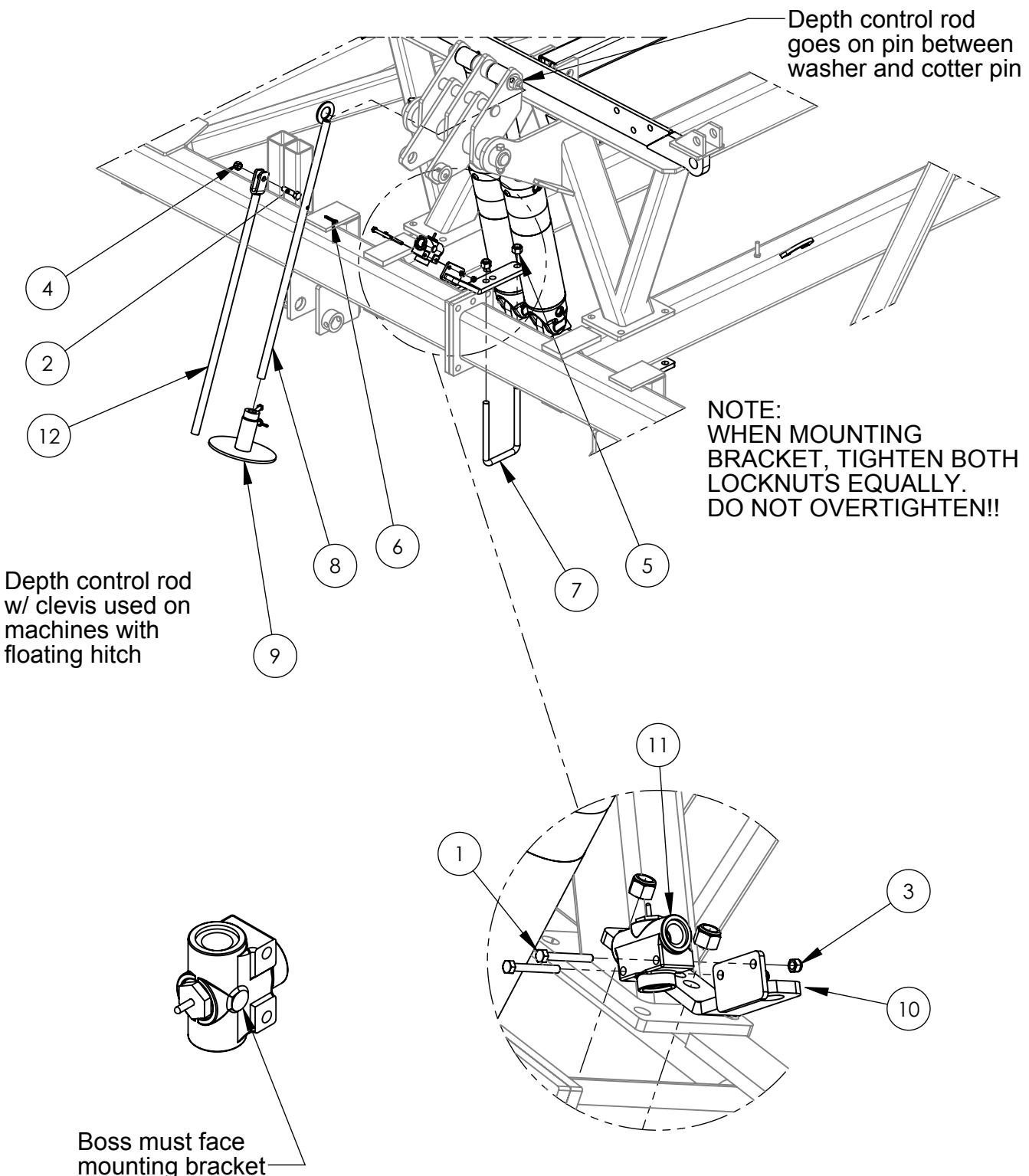


## Self Levelling Pivot Installation

| ITEM | QTY | PART NO.        | DESCRIPTION                                    |
|------|-----|-----------------|--|
| 1    | 2   | B0830           | 1/2" x 3" HEX BOLT                             |
| 2    | 2   | BN08L           | 1/2" NYLOCK NUT NC                             |
| 3    | 4   | BSC0520         | 5/16" x 2" COTTER PIN                          |
| 4    | 1   | C10784          | 870 & I-SERIES SELF-LEVELING PIVOT             |
| 5    | 2   | GBB175150200    | 1 3/4" x 1 1/2" x 2" LG. HARD BUSHING          |
| 6    | 2   | GF1610          | 1/8" NPT GREASE FITTING                        |
| 7    | 2   | GM30            | 1 1/4" MACHINE BUSHING                         |
| 8    | 1   | GP2401514A09    | PIN 1 1/2" DIA. x 15 1/4" LG. - 2 HOLES        |
| 9    | 1   | GPH2001012A05-4 | 1 1/4" DIA. x 10 1/2 " LG - 2 HOLE - 4140      |
| 10   | 2   | GPHF2000312H05  | 1 1/4" x 3 1/2" SHOULDER PIN HARDENED W/ FLATS |



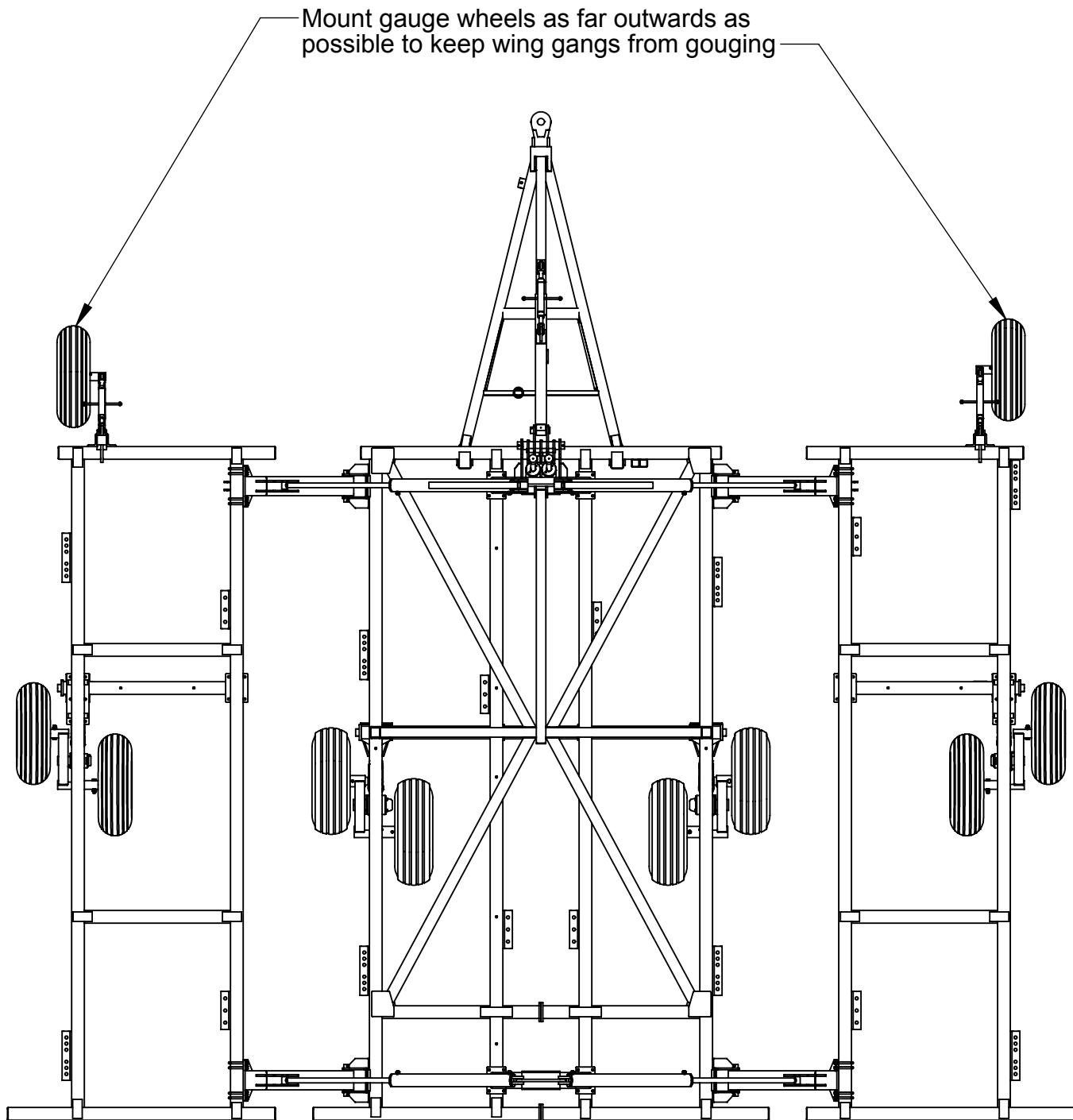
## Depth Control Assembly



## Depth Control Assembly

| ITEM | QTY | PART NO. | DESCRIPTION                        |
|------|-----|----------|------------------------------------|
| 1    | 2   | B0525    | 5/16"NC x 2 1/2" HEX BOLT          |
| 2    | 1   | B0820    | 1/2" x 2" HEX BOLT                 |
| 3    | 2   | BN05L    | 5/16" LOCK NUT                     |
| 4    | 1   | BN08L    | 1/2" NYLOCK NUT NC                 |
| 5    | 2   | BN10L    | 5/8" NYLOCK NUT NC                 |
| 6    | 1   | BSC0415  | 1/4" x 1 1/2" COTTER PIN           |
| 7    | 1   | BU1046   | U-BOLT 5/8" x 4" x 7 1/2" LG.      |
| 8    | 1   | C1003-30 | 870 DEPTH CONTROL ROD 30" LG       |
| 9    | 1   | C1008    | DEPTH CONTROL STOP FULL ASSEMBLY   |
| 10   | 1   | D10011A  | POPPET VALVE BRACKET 38°           |
| 11   | 1   | HPMSC10  | STROKE CONTROL VALVE               |
| 12   | 1   | T00047   | AIR SEEDER DEPTH CONTROL ROD - 28" |

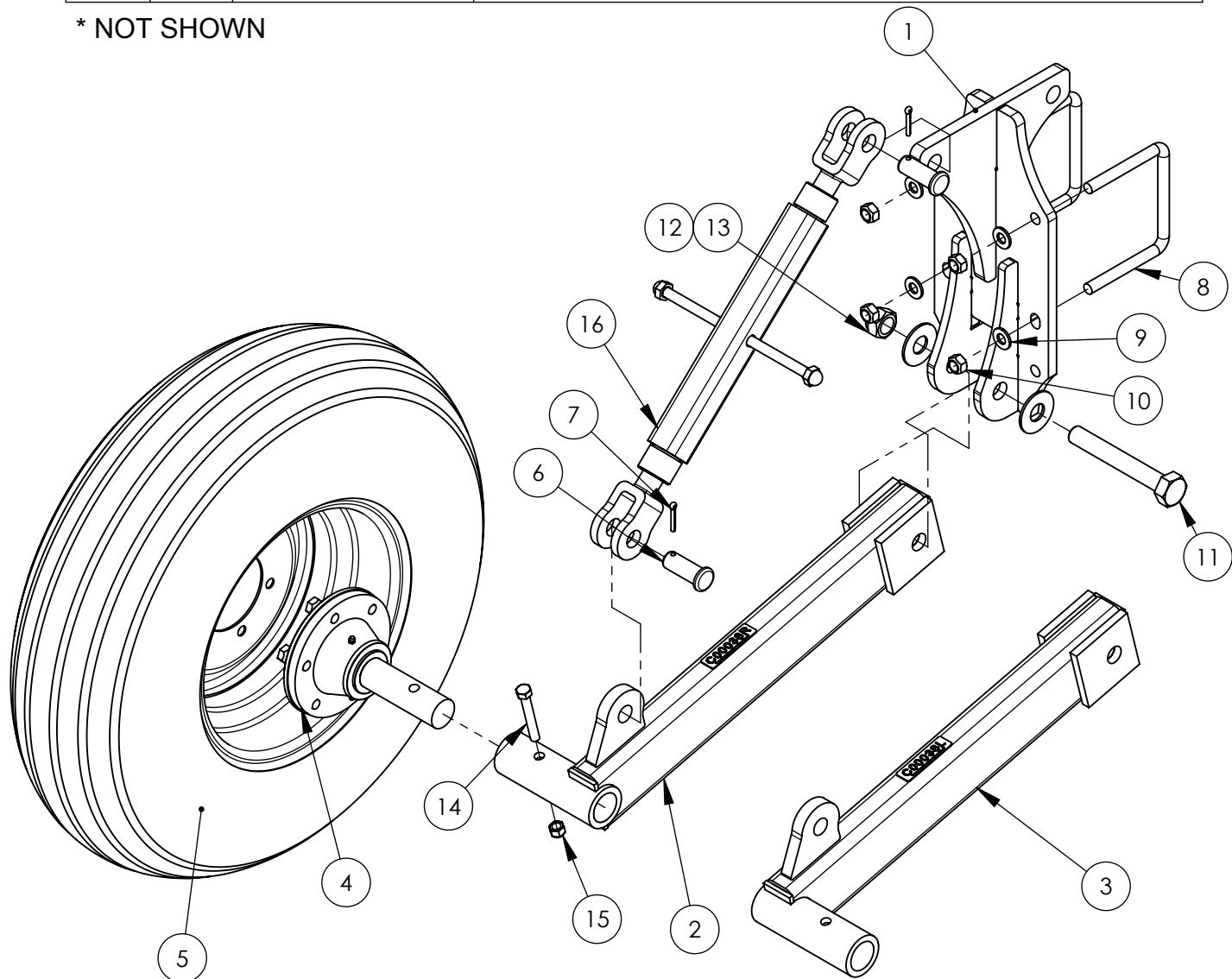
## Wing Gauge Wheel Placement (Optional)



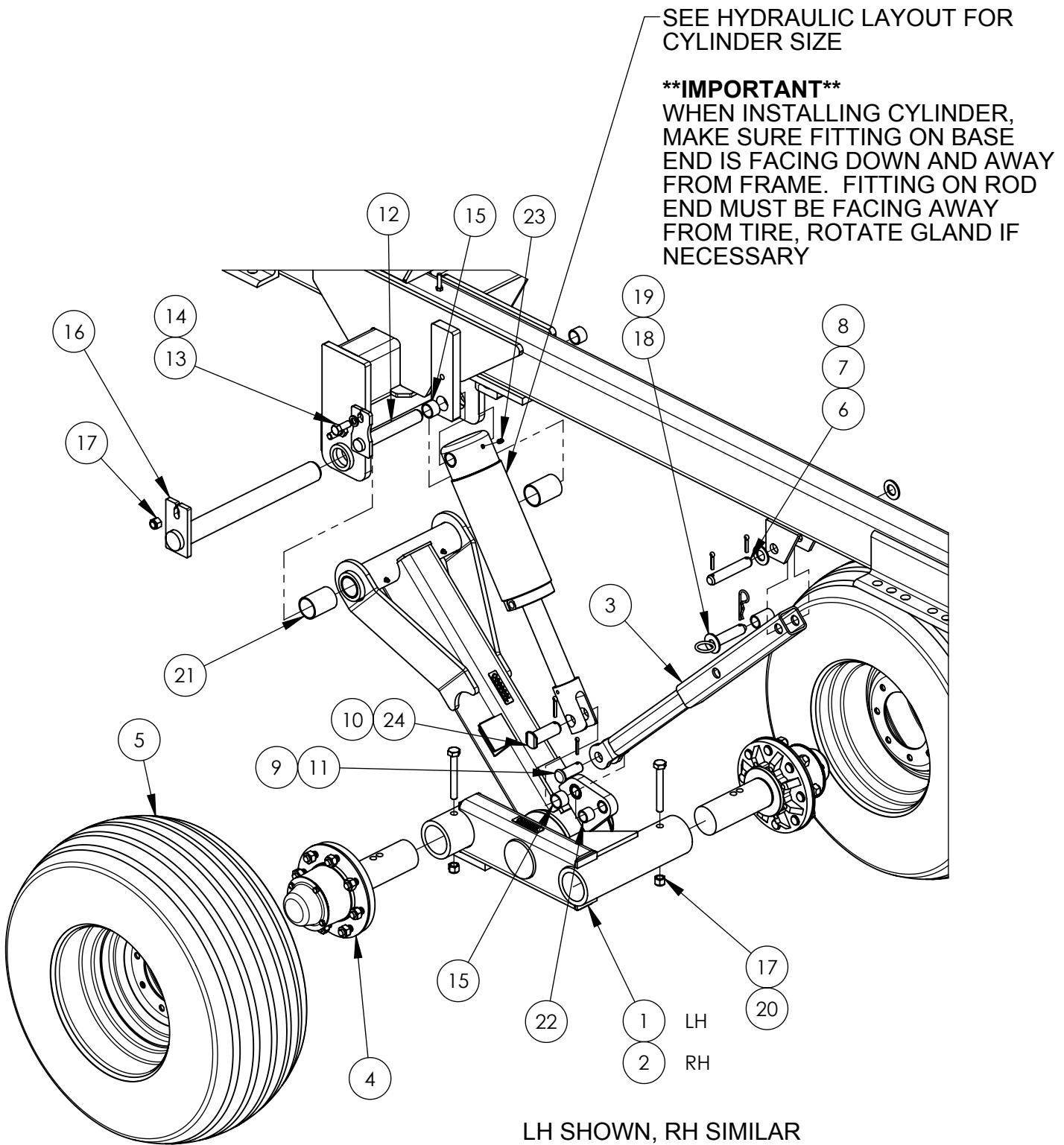
## Wing Gauge Wheel Assembly (Optional)

| ITEM | QTY. | PART NUMBER  | DESCRIPTION                                      |
|------|------|--------------|--|
| 1    | 1    | C00039       | SIMPLE GAUGE WHEEL MOUNT                         |
| 2    | 1    | C00038R      | RIGID GAUGE WHEEL AXLE - RH                      |
| 3    | 1    | C00038L      | RIGID GAUGE WHEEL AXLE - LH                      |
| 4    | 1    | GW4000A      | 4000 LB HUB AND SPINDLE ASSEMBLY                 |
| 5    | 1    | GW11156      | 11L x 15SL x 6 BOLT WHEEL & TIRE (8 PLY REGULAR) |
| 6    | 2    | GP1600258H04 | PIN 1" DIA. x 2 5/8" LG. WITH HEAD               |
| 7    | 2    | BSC0415      | 1/4" x 1 1/2" COTTER PIN                         |
| 8    | 2    | BU1061       | U-BOLT 5/8" x 6" x 5 1/2"                        |
| 9    | 4    | BF10HS       | 5/8" HARD STRUCTURAL FLAT WASHER                 |
| 10   | 4    | BN10S        | 5/8" NC STOVER LOCK NUT                          |
| 11   | 1    | B1670        | 1"NC x 7" LG. HEX BOLT                           |
| 12   | 2    | BF16         | 1" FLAT WASHER                                   |
| 13   | 1    | BN16L        | 1-8 NC NYLOCK NUT                                |
| 14   | 1    | B0835        | 1/2"-13NC x 3 1/2" LG. HEX BOLT                  |
| 15   | 1    | BN08L        | 1/2" NYLOCK NUT NC                               |
| 16   | 1    | P0630        | 2" TURNBUCKLE - 15" TUBE LENGTH                  |
| * 17 | 1    | GD193        | CAUTION 11L x 15 TIRE DECAL                      |

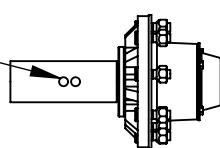
\* NOT SHOWN



## Mainframe Axle Installation



PLACE BOLT THROUGH  
THIS HOLE



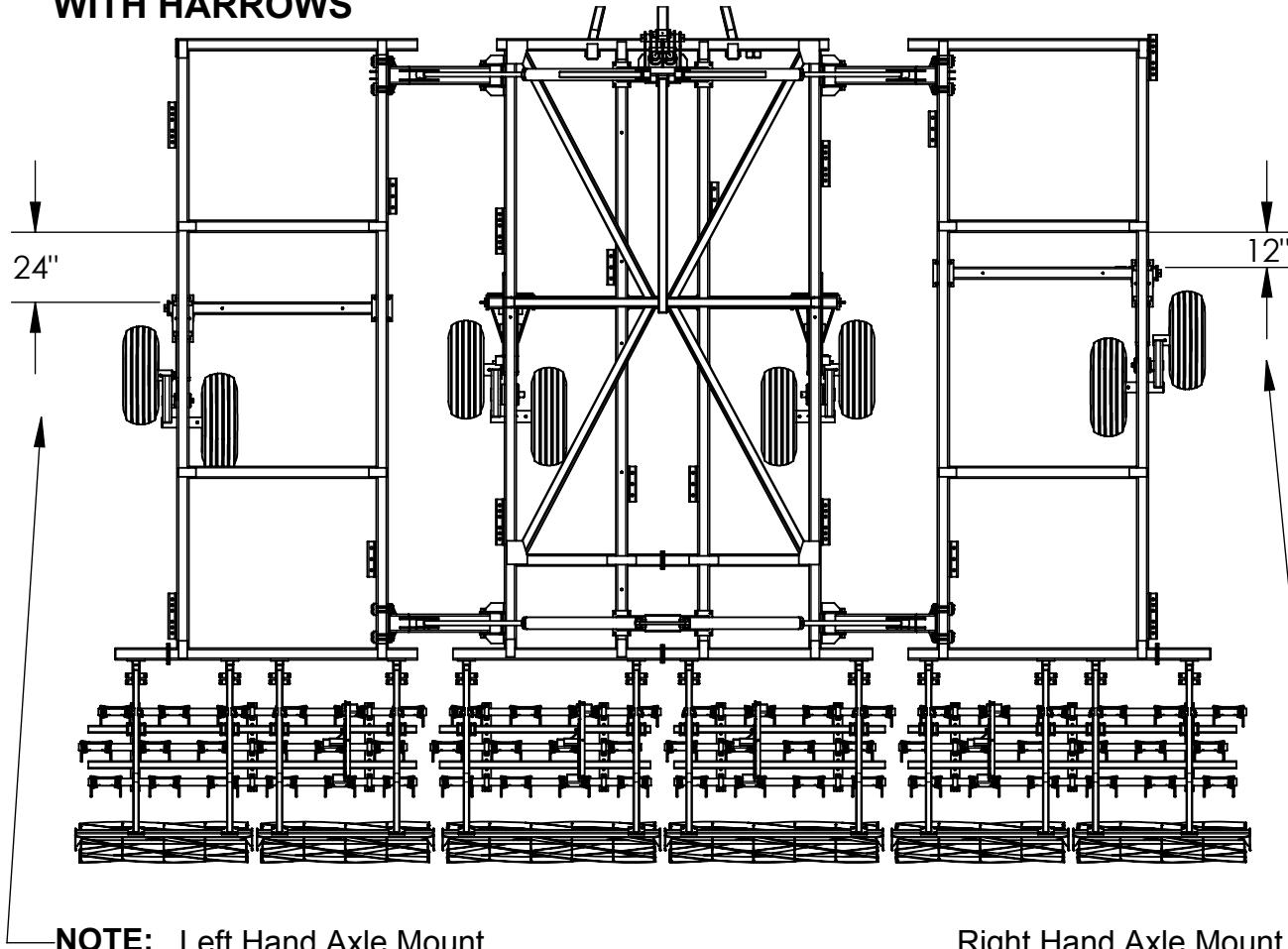
## Mainframe Axle Installation

| ITEM | QTY | PART NO.       | DESCRIPTION                                    |
|------|-----|----------------|--|
| 1    | 1   | C00091LKIT     | 16000 LB 870 DISC MAIN AXLE ASSEMBLY LH        |
| 2    | 1   | C00091RKIT     | 16000 LB 870 DISC MAIN AXLE ASSEMBLY RH        |
| 3    | 2   | C50010         | TRANSPORT LOCK ASSEMBLY                        |
| 4    | 4   | GW12000A       | 12000 LB HUB AND 15" SPINDLE ASSEMBLY          |
| 5    | 4   | GW34060R16.5   | 340/60R16.5 145A8/B FS24 8 BOLT TIRE ASSY      |
| 6    | 2   | GP1600512A05   | PIN 1" DIA. x 5 1/2" LG. - 2 HOLES             |
| 7    | 4   | BF16S          | 1" SAE WASHER                                  |
| 8    | 4   | BSC0515        | 5/16" x 1 1/2" COTTER PIN                      |
| 9    | 2   | BSC0415        | 1/4" x 1 1/2" COTTER PIN                       |
| 10   | 2   | BSC0520        | 5/16" x 2" COTTER PIN                          |
| 11   | 2   | GP1600258H04   | PIN 1" DIA. x 2 5/8" LG. WITH HEAD             |
| 12   | 2   | GPH2000734F    | 1 1/4" x 8 1/2" LG. AXLE PIN - HARDENED        |
| 13   | 2   | B1015          | 5/8" NC x 1 1/2" LG HEX BOLT GR. 5 PLATED      |
| 14   | 2   | BL10           | 5/8" LOCKWASHER                                |
| 15   | 6   | GBB150125100   | 1 1/2" x 1 1/4" x 1" LG. HARD BUSHING          |
| 16   | 2   | GPH3201958F    | 2" x 19 5/8" LG. AXLE PIN - HARDENED           |
| 17   | 6   | BN10L          | 5/8" NYLOCK NUT NC                             |
| 18   | 2   | GP1600414C04   | 1" x 4 1/4" RING & WASHER PIN                  |
| 19   | 2   | GHP9           | #9 HAIR PIN                                    |
| 20   | 4   | B1050          | 5/8 x 5" HEX BOLT                              |
| 21   | 4   | GBB225200300   | 2 1/4" x 2" x 3" LG. HARD BUSHING              |
| 22   | 2   | GBB125100100   | 1 1/4" x 1" x 1" LG. HARD BUSHING              |
| 23   | 2   | GF1610         | 1/8" NPT GREASE FITTING                        |
| 24   | 2   | GPHF2000312H05 | 1 1/4" x 3 1/2" SHOULDER PIN HARDENED W/ FLATS |

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## Wing Axle Mount Placement

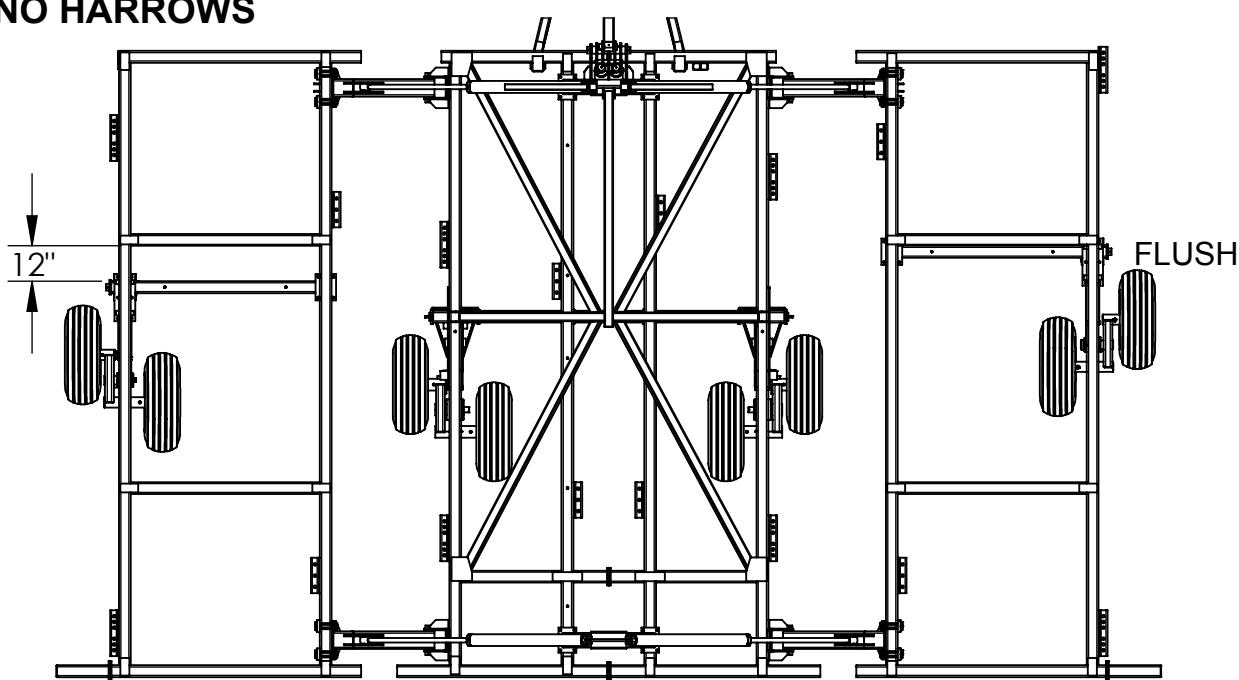
### WITH HARROWS



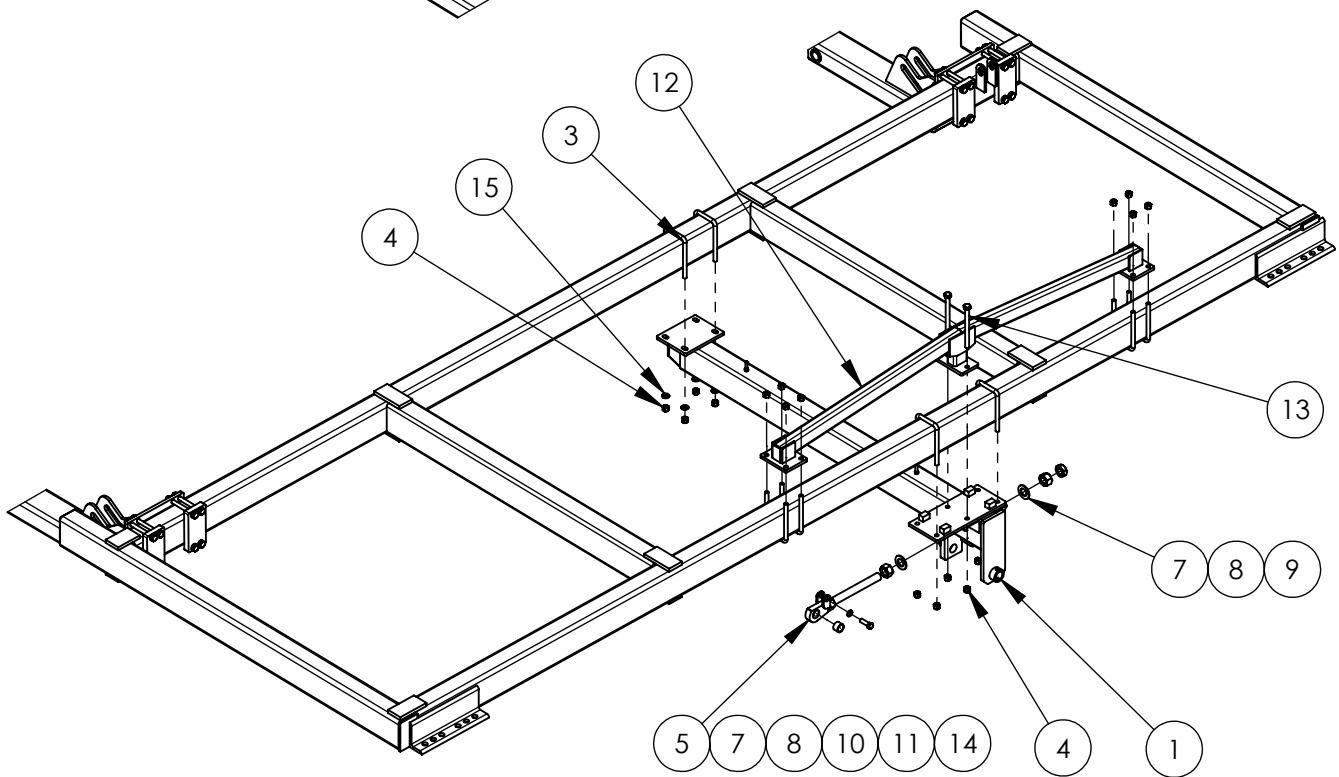
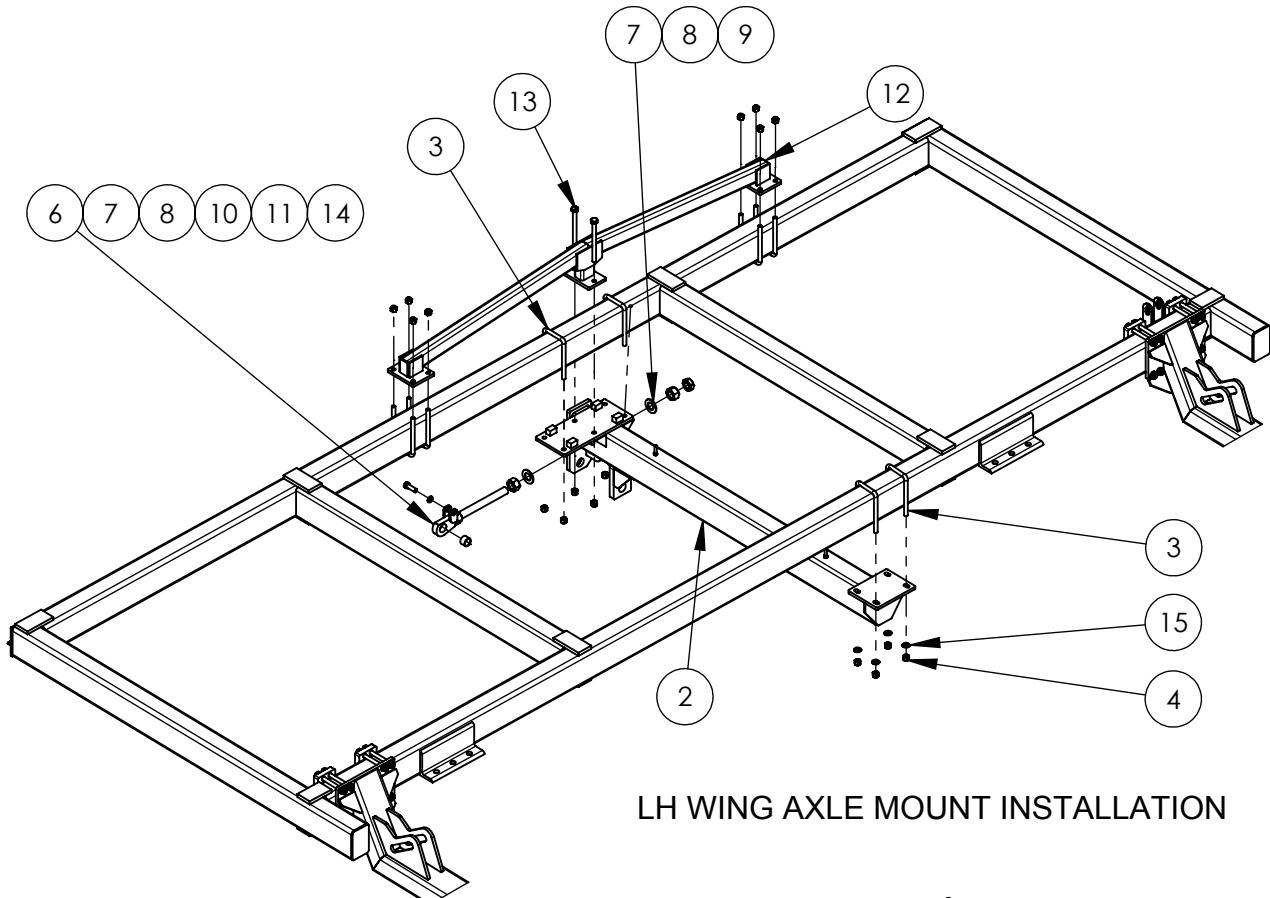
**NOTE:** Left Hand Axle Mount  
is moved back 12" (24" total)  
when harrows are installed.

Right Hand Axle Mount  
is moved back 12" (12" total)  
when harrows are installed.

### NO HARROWS



## Wing Axle Mount Installation

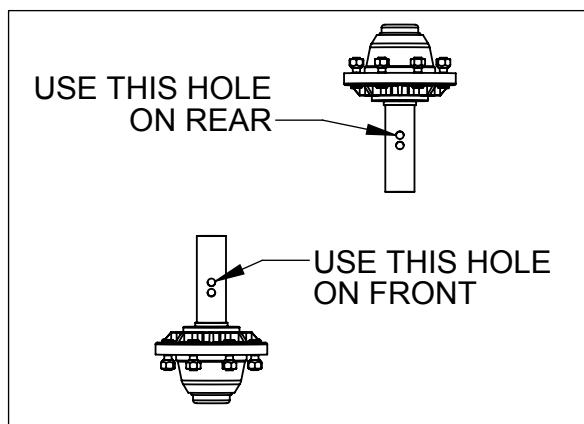
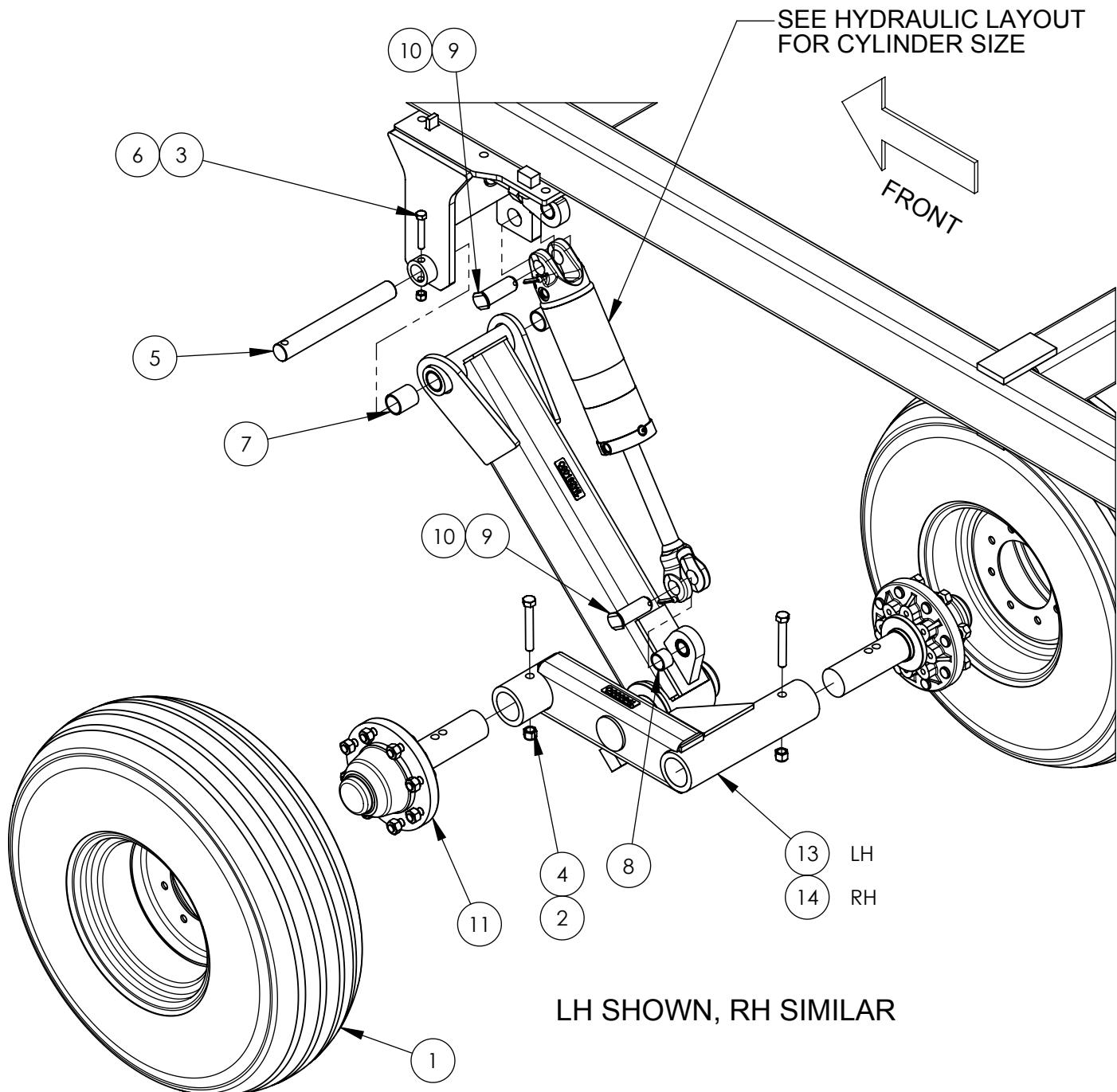


RH WING AXLE MOUNT INSTALLATION

## Wing Axle Mount Installation

| ITEM | QTY | PART NO.     | DESCRIPTION                                 |
|------|-----|--------------|---|
| 1    | 1   | D70032       | WIDE AXLE HANGER FOR WING RH                |
| 2    | 1   | D70005       | WIDE AXLE HANGER FOR WING LH                |
| 3    | 16  | BU1046       | U-BOLT 5/8" x 4" x 7 1/2" LG.               |
| 4    | 36  | BN10L        | 5/8" NYLOCK NUT NC                          |
| 5    | 1   | D10131RKIT   | DISC WING AXLE ADJUSTER FOR 1 1/4" PIN - RH |
| 6    | 1   | D10131LKIT   | DISC WING AXLE ADJUSTER FOR 1 1/4" PIN - LH |
| 7    | 4   | BF20         | 1 1/4" FLAT WASHER                          |
| 8    | 4   | BN20         | 1 1/4" NC HEX NUT GR.5 PLATED               |
| 9    | 2   | BN20J        | 1 1/4" HEX JAM NUT GR.5 PLATED              |
| 10   | 2   | BL10         | 5/8" LOCKWASHER                             |
| 11   | 2   | B1020        | 5/8 X 2" BOLT GR. 5 PLATED                  |
| 12   | 2   | D10070       | 870 - WING BRACE                            |
| 13   | 4   | B1080        | 5/8"NC x 8" HEX BOLT GR. 5                  |
| 14   | 2   | GBB150125100 | 1 1/2" x 1 1/4" x 1" LG. HARD BUSHING       |
| 15   | 8   | BF10HS       | 5/8" HARD STRUCTURAL FLAT WASHER            |

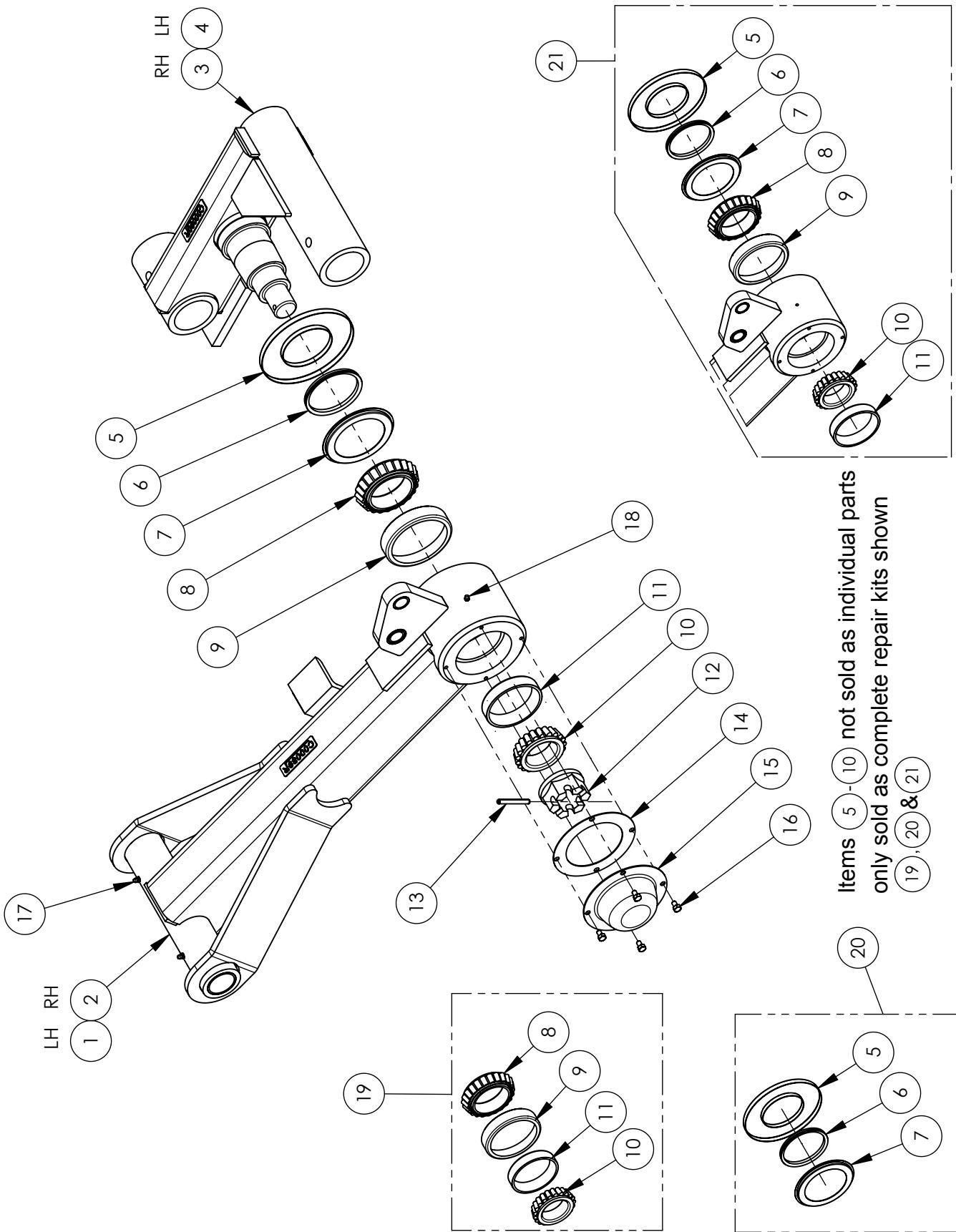
## Wing Axle Installation



## Wing Axle Installation

| ITEM | QTY | PART NO.       | DESCRIPTION   |
|------|-----|----------------|---|
| 1    | 4   | GW12158        | 12.5L x 15FL x 8 BOLT WHEEL & TIRE (12 PLY HIGHWAY) |
| 2    | 4   | B1045          | 5/8 x 4-1/2" LG. HEX BOLT                           |
| 3    | 2   | B0830          | 1/2"NC x 3" HEX BOLT                                |
| 4    | 4   | BN10L          | 5/8" NYLOCK NUT NC                                  |
| 5    | 2   | GP2401212B09   | 1 1/2" X 12 1/2" LG. 1 HOLE PIN                     |
| 6    | 2   | BN08L          | 1/2" NYLOCK NUT NC                                  |
| 7    | 4   | GBB175150200   | 1 3/4" x 1 1/2" x 2" LG. HARD BUSHING               |
| 8    | 2   | GBB150125100   | 1 1/2" x 1 1/4" x 1" LG. HARD BUSHING               |
| 9    | 4   | GPHF2000312H05 | 1 1/4" x 3 1/2" SHOULDER PIN HARDENED W/ FLATS      |
| 10   | 4   | BSC0520        | 5/16" x 2" COTTER PIN                               |
| 11   | 4   | GW8000A        | 8000 lb GREASABLE HUB AND 14" SPINDLE ASSY          |
| 12   | 2   | HSR4008B       | 4" BORE x 8" STROKE REPHASING CYLINDER              |
| 13   | 1   | C00195WLKIT    | 10,000 LB DISC WING AXLE ASSEMBLY - LH              |
| 14   | 1   | C00195WRKIT    | 10,000 LB DISC WING AXLE ASSEMBLY - RH              |

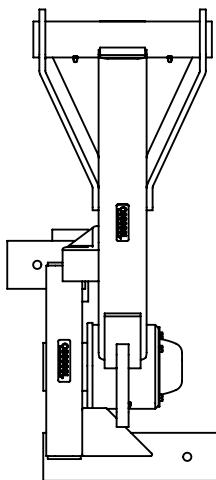
# 16000 lb Disc Axle Assembly



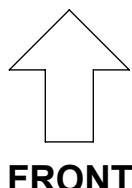
## 16000 lb Disc Axle Assembly

| ITEM | QTY | PART NO.   | DESCRIPTION                              |
|------|-----|------------|--|
| 1    | 1   | C00089LKIT | 16000 LB 870 DISC MAIN AXLE UPRIGHT LH   |
| 2    | 1   | C00089RKIT | 16000 LB 870 DISC MAIN AXLE UPRIGHT RH   |
| 3    | 1   | C00090R    | 16000 LB 870 DISC MAIN AXLE WALKER RH    |
| 4    | 1   | C00090L    | 16000 LB 870 DISC MAIN AXLE WALKER LH    |
| 5    | 1   | GW16110VW  | 16000 LB V-SEAL GRASS WRAP GUARD         |
| 6    | 1   | GW16110VS  | 16000 LB V-SEAL                          |
| 7    | 1   | GW16110VC  | 16000 LB V-SEAL COUNTERFACE              |
| 8    | 1   | GB47687    | 16000 LB INNER CONE                      |
| 9    | 1   | GB47620    | 16000 LB INNER CUP                       |
| 10   | 1   | GB39585    | 16000 LB OUTER CONE                      |
| 11   | 1   | GB39520    | 16000 LB OUTER CUP                       |
| 12   | 1   | BN28SF     | 1 3/4" NF SLOTTED FLANGE NUT             |
| 13   | 1   | BSR0527    | 5/16" x 2 3/4" ROLL PIN                  |
| 14   | 1   | GW16112S   | 16000 LB DUST CAP SEAL                   |
| 15   | 1   | GW16112    | 16000 LB DUST CAP                        |
| 16   | 4   | B0505      | 5/16"NC x 1/2" LG. HEX BOLT              |
| 17   | 2   | GF1610     | 1/8" NPT GREASE FITTING                  |
| 18   | 1   | GF641      | 1/4"-28NF GREASE FITTING                 |
| 19   | 1   | GW16111-1  | 16000LB BEARING KIT                      |
| 20   | 1   | GW16110VT  | 16000 LB TANDEM V-SEAL KIT               |
| 21   | 1   | GW16111V   | 16000 LB TANDEM BEARINGS WITH V-SEAL KIT |

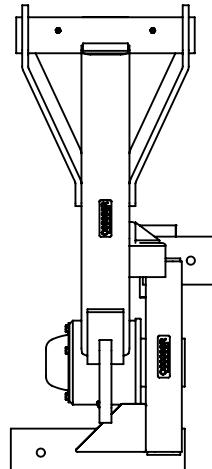
Items (5) - (10) not sold as individual parts  
 only sold as complete repair kits shown  
 (19), (20) & (21)



LH AXLE  
ASSEMBLY

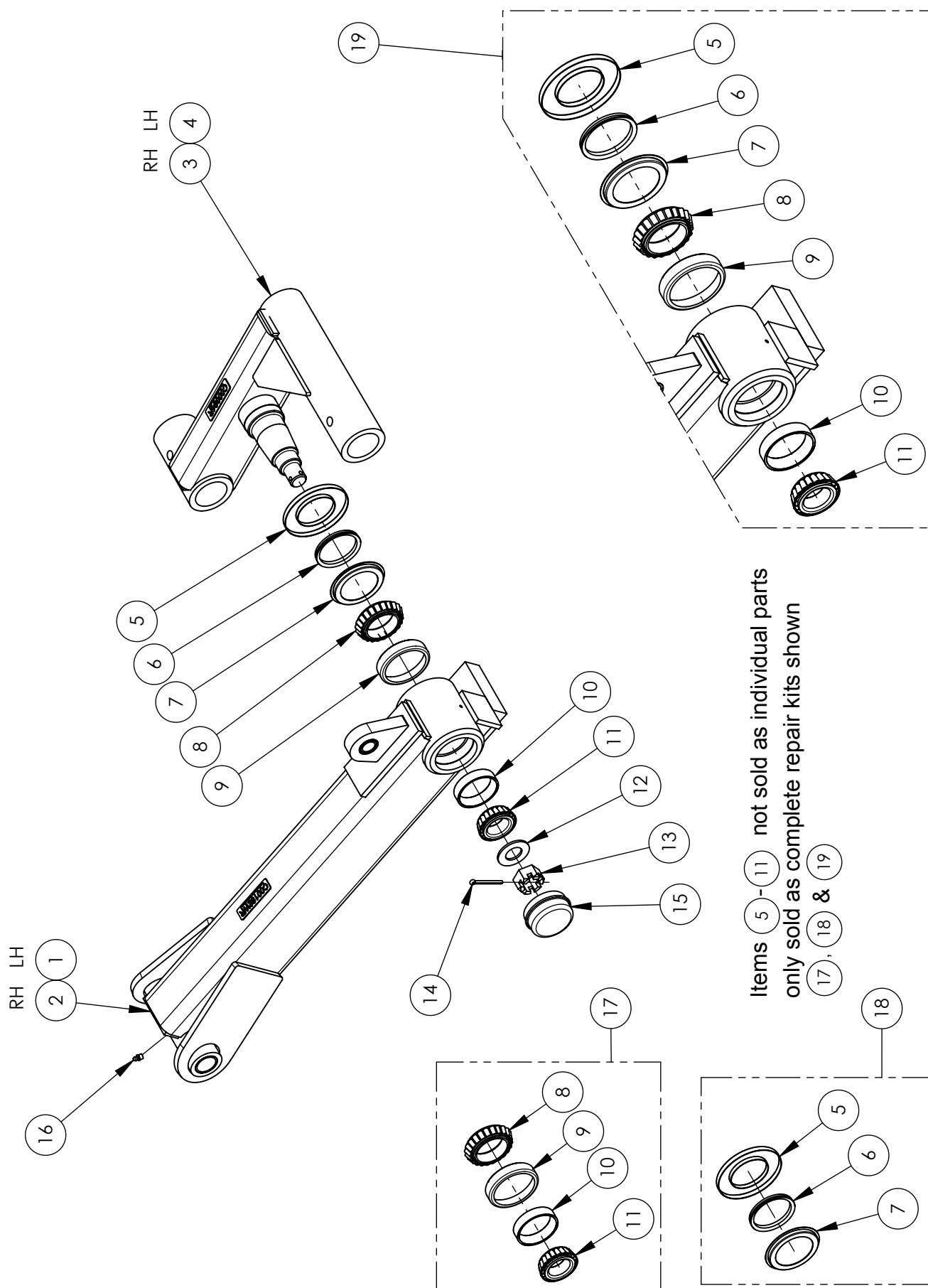


FRONT



RH AXLE  
ASSEMBLY

# 10000 lb Disc Wing Axle Assembly



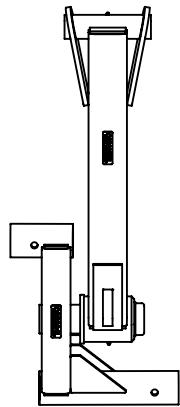
## 10000 lb Disc Wing Axle Assembly

| ITEM | QTY | PART NO.    | DESCRIPTION                                 |
|------|-----|-------------|---|
| 1    | 1   | C00192WLKIT | 10000 LB DISC WING AXLE UPRIGHT - LH        |
| 2    | 1   | C00192WRKIT | 10000 LB DISC WING AXLE UPRIGHT - RH        |
| 3    | 1   | C00084R     | 10000 LB DISC AXLE WALKING BEAM WLDMNT - RH |
| 4    | 1   | C00084L     | 10000 LB DISC AXLE WALKING BEAM WLDMNT - LH |
| 5    | 1   | GW12110VW   | 10000/12000 LB GRASS WRAP GUARD             |
| 6    | 1   | GW12110VS   | 10000/12000 LB V-SEAL                       |
| 7    | 1   | GW12110VC   | 10000/12000 LB COUNTERFACE                  |
| 8    | 1   | GB28995     | 12000 LB CONE, 10000 LB INNER CONE          |
| 9    | 1   | GB28921     | 12000 LB CUP, 10000 LB INNER CUP            |
| 10   | 1   | GB255204    | 10000 LB OUTER CUP                          |
| 11   | 1   | GB255814    | 10000 LB OUTER CONE                         |
| 12   | 1   | BF20S       | 1 1/4" SAE WASHER                           |
| 13   | 1   | BN20SF      | 1 1/4"NF SLOTTED HEX NUT                    |
| 14   | 1   | BSC0425     | 1/4" x 2 1/2" COTTER PIN                    |
| 15   | 1   | GW9112      | 10,000 LB DUST CAP                          |
| 16   | 1   | GF1610      | 1/8" NPT GREASE FITTING                     |
| 17   | 1   | GW9111-1    | 10,000LB BEARING KIT W/O SEAL               |
| 18   | 1   | GW12110V    | 10000/12000 LB V-SEAL KIT                   |
| 19   | 1   | GW9111V     | 10000 LB BEARING WITH V-SEAL KIT            |

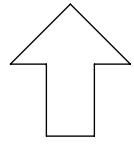
Items (5) - (11) not sold as individual parts

only sold as complete repair kits shown

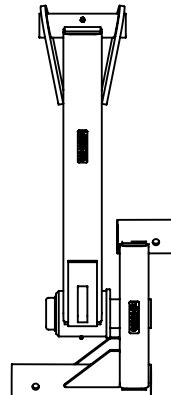
(17), (18) & (19)



LH AXLE  
ASSEMBLY

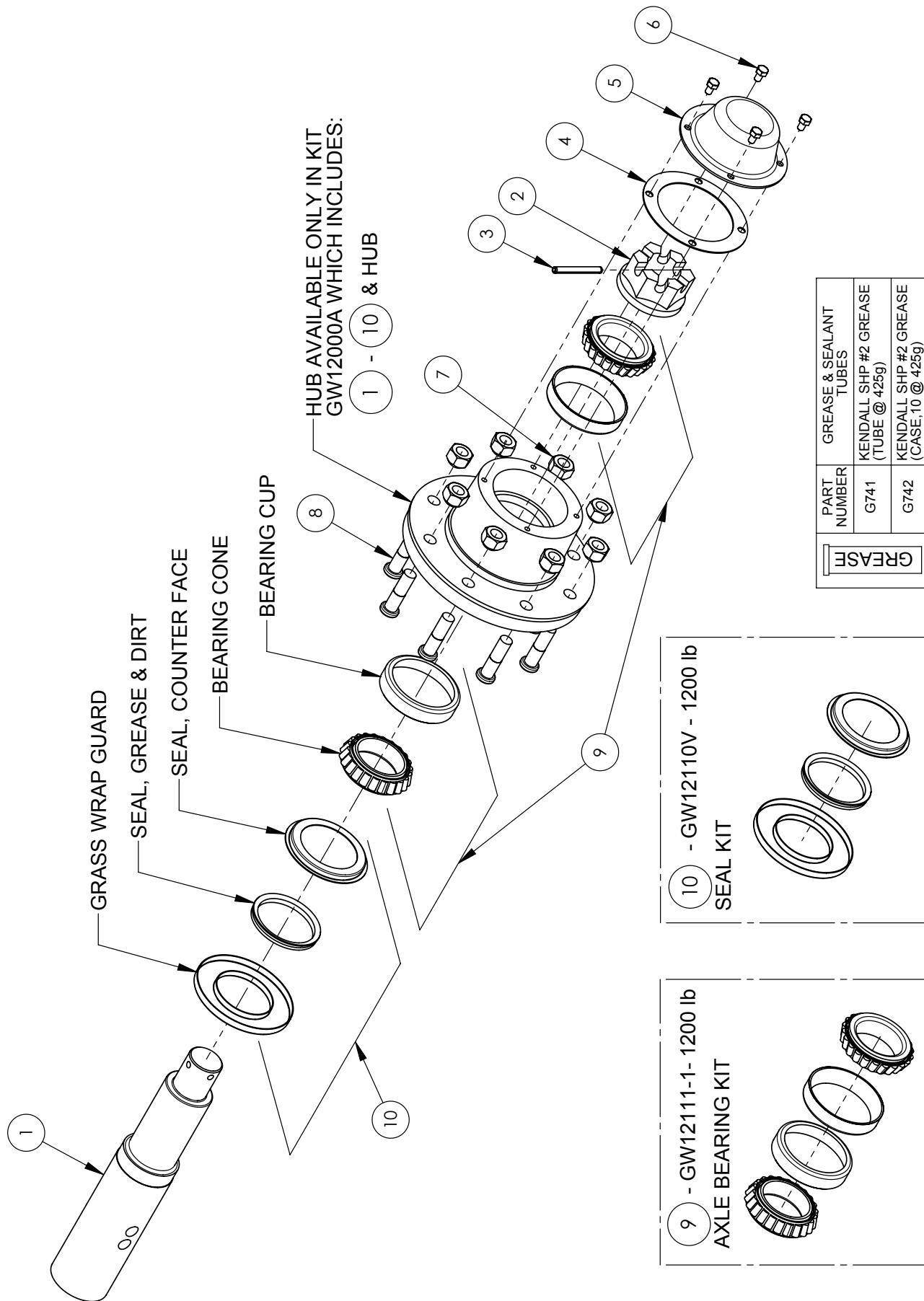


FRONT



RH AXLE  
ASSEMBLY

# 12000 lb Hub and Spindle Assembly



## 12000 lb Hub and Spindle Assembly

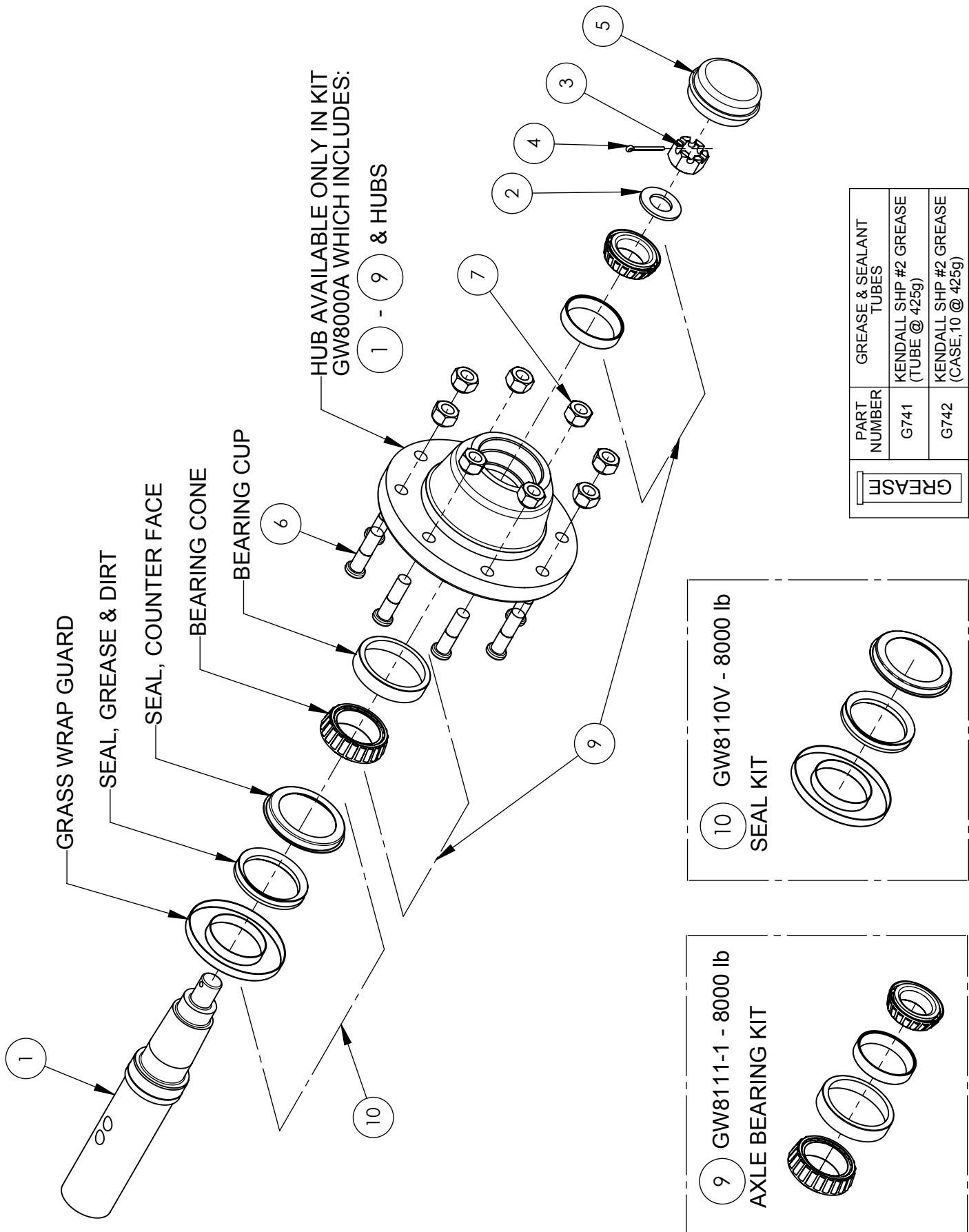
| ITEM | QTY | PART NO.  | DESCRIPTION                      |
|------|-----|-----------|----------------------------------|
| 1    | 1   | GW12015   | 12000 LB SPINDLE - 15" LONG      |
| 2    | 1   | BN28SF    | 1 3/4" NF SLOTTED FLANGE NUT     |
| 3    | 1   | BSR0527   | 5/16" x 2 3/4" ROLL PIN          |
| 4    | 1   | GW12112S  | 12000 LB DUST CAP SEAL           |
| 5    | 1   | GW14112   | 14,000 LB DUST CAP               |
| 6    | 4   | B0505     | 5/16"NC x 1/2" LG. HEX BOLT      |
| 7    | 8   | BW10      | 5/8" WHEEL LUG NUT               |
| 8    | 8   | BW1020    | 5/8" x 2" PRESS-IN WHEEL STUD    |
| 9    | 1   | GW12111-1 | 12000 LB BEARING WITH V-SEAL KIT |
| 10   | 1   | GW12110V  | 10000/12000 LB V-SEAL KIT        |

Entire assembly available as part number GW12000A (includes hub, spindle, bearings, seal, dust cap, and hardware).



NOTE: TIGHTEN LUG NUTS ONCE PER DAY FOR FIRST WEEK

## 8000 lb Hub and Spindle Assembly

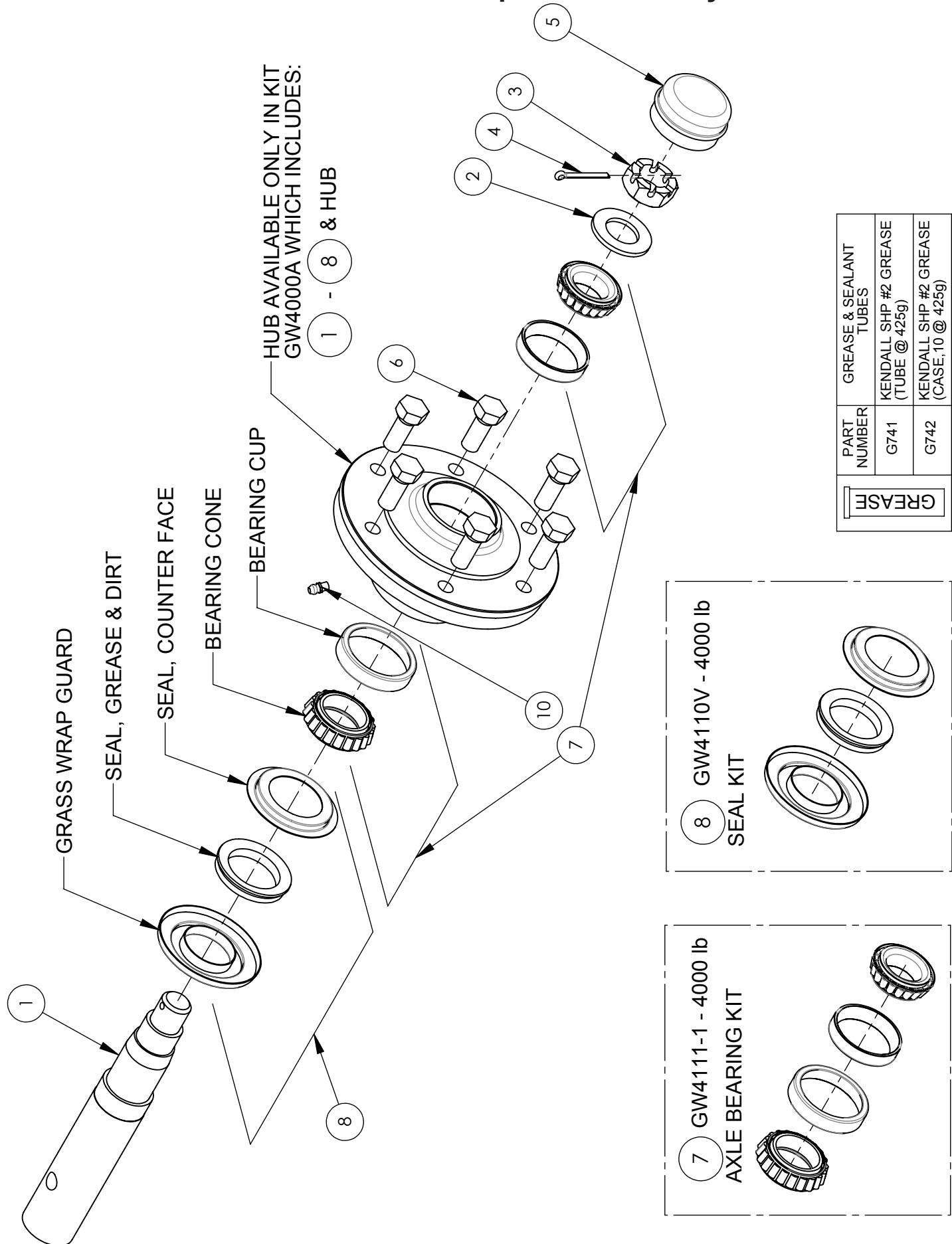


## **8000 Ib Hub and Spindle Assembly**

| ITEM NO. | QTY | PART NUMBER | DESCRIPTION                   |
|----------|-----|-------------|-------------------------------|
| 1        | 1   | GW8014      | SPINDLE, 8 000 LBS.           |
| 2        | 1   | GW8108      | 1" SPINDLE WASHER             |
| 3        | 1   | BN16SF      | 1" NF SLOTTED HEX NUT         |
| 4        | 1   | BSC0317     | 3/16" x 1 3/4" COTTER PIN     |
| 5        | 1   | GW8112      | 8000 DUST CAP                 |
| 6        | 8   | BW1020      | 5/8" x 2" PRESS-IN WHEEL STUD |
| 7        | 8   | BW10        | 5/8" WHEEL LUG NUT            |
| 9        | 1   | GW8111-1    | 8000 LB BEARING KIT           |
| 10       | 1   | GW8110V     | 8000 LB V-SEAL KIT            |

Entire assembly available as part number GW8000A (includes hub, spindle, bearings, seal, dust cap, and hardware).

## 4000 lb Hub and Spindle Assembly



## 4000 lb Hub and Spindle Assembly

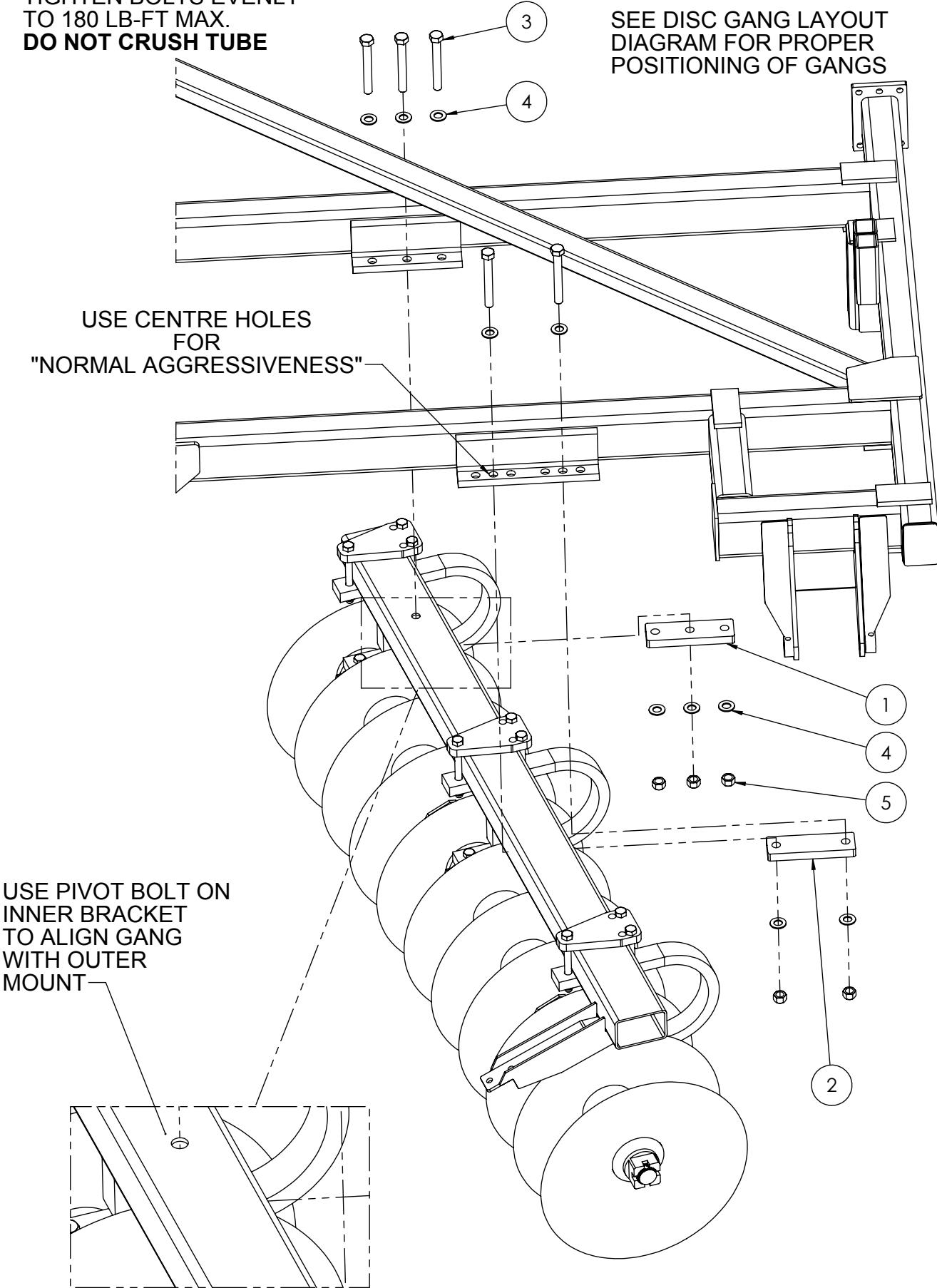
| ITEM | QTY | PART NO. | DESCRIPTION                  |
|------|-----|----------|------------------------------|
| 1    | 1   | GW4010   | 4000 LB SPINDLE - 10" LG.    |
| 2    | 1   | BF16HS   | 1" HARD STRUCTURAL WASHER    |
| 3    | 1   | BN16JS   | 1"-14NF SLOTTED JAM NUT      |
| 4    | 1   | BSC0317  | 3/16" x 1 3/4" COTTER PIN    |
| 5    | 1   | GW4112   | 4000 LB DUST CAP             |
| 6    | 6   | BW0912   | 9/16"-18 x 1 1/4" WHEEL BOLT |
| 7    | 1   | GW4111-1 | 4000LB BEARING KIT           |
| 8    | 1   | GW4110V  | 4000 LB V-SEAL KIT           |
| 10   | 1   | GF641    | 1/4"-28NF GREASE FITTING     |

Complete assembly available as part number GW4000A (includes hub, spindle, bearings, seals, dust cap, and hardware).

## Disc Gang Installation

**TIGHTEN BOLTS EVENLY  
TO 180 LB·FT MAX.  
DO NOT CRUSH TUBE**

**SEE DISC GANG LAYOUT  
DIAGRAM FOR PROPER  
POSITIONING OF GANGS**



## Disc Gang Installation

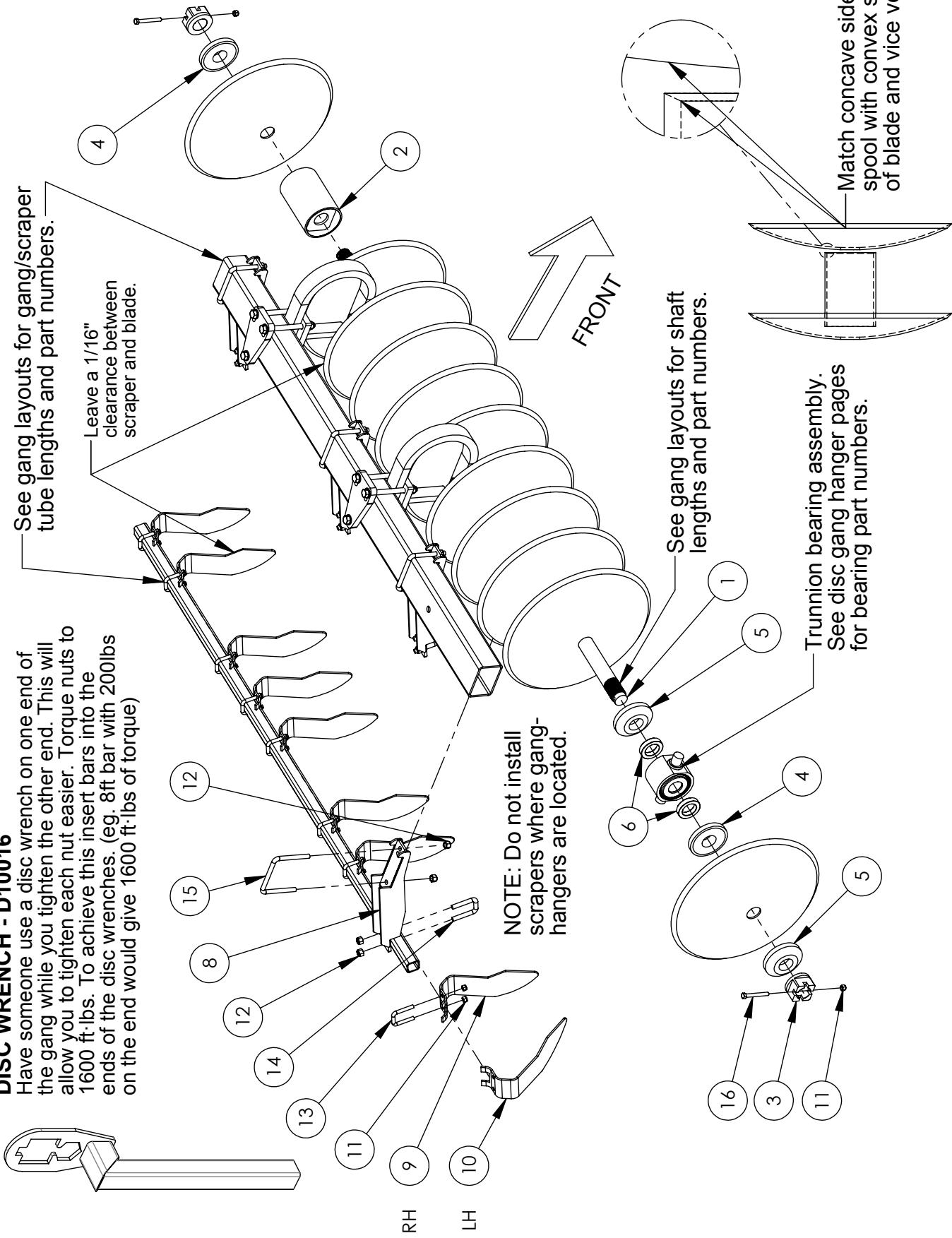
| ITEM NO. | QTY | PART NO. | DESCRIPTION                              |
|----------|-----|----------|--|
| 1        | 8   | L00020   | 1" x 3" x 9 5/8" FB PULL UP PLATE 3 HOLE |
| 2        | 8   | L00021   | 1" x 3" x 9 5/8" FB PULL UP PLATE 2 HOLE |
| 3        | 40  | B1470    | 7/8"NC x 7" LG. HEX BOLT GR.5            |
| 4        | 80  | BF14HS   | 7/8" HARD STRUCTURAL FLAT WASHER         |
| 5        | 40  | BN14S    | 7/8"-14NC STOVER LOCKNUT                 |

**CAUTION: Always install the front disc gangs first to prevent the machine from tipping backwards.**

1. Use a swing bolt through the hole in the center of the gang tube on the outer mounting bracket to position the gang.
2. Use the centre holes (or normal aggressiveness) on the outer mounting plates when mounting the gangs on both the front and rear of the machine.
3. Set the front mainframe gangs as close as possible while preventing blade contact caused by the trip action of the foremost c-flex hanger. The intention of this setup is to allow the bottom center of each blade to run the same track across the entire working width. See the top-view disc gang layout diagram for further information on the positioning of the gangs.
4. Set the space between the rear mainframe gangs at a measurement equal to disc blade diameter measured at centre rear of blades. This setting is suited for a speed range of 4.5-6 mph as well as for working in most soil types, leaving a reasonably level finish.
5. Leave 10" to 10.5" between the blades at the wing hinge points on both front and rear gangs. This allows proper clearance between the blades under the floating action of the wings via the hinge mechanism.

## Disc Gang and Scraper Parts

**DISC WRENCH - D10016**  
 Have someone use a disc wrench on one end of the gang while you tighten the other end. This will allow you to tighten each nut easier. Torque nuts to 1600 ft-lbs. To achieve this insert bars into the ends of the disc wrenches. (eg. 8ft bar with 200lbs on the end would give 1600 ft-lbs of torque)

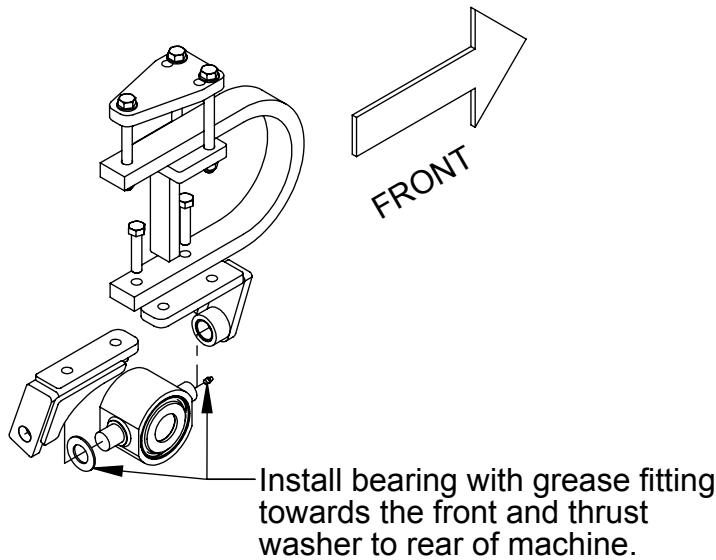


## Disc Gang and Scraper Parts

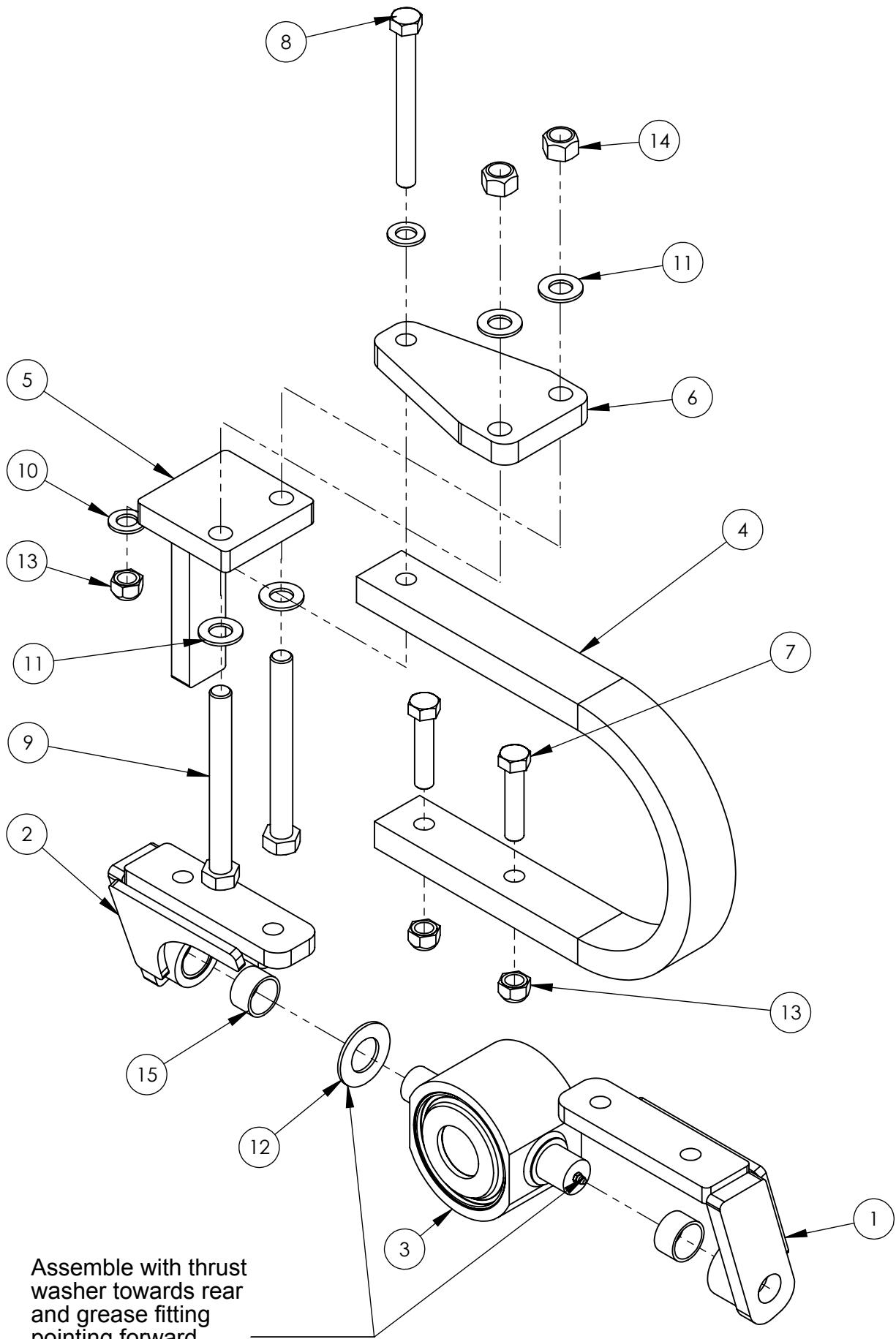
| ITEM | PART NO. | DESCRIPTION                                      |
|------|----------|--|
| 1    | DK36###  | 2 1/4" DISC GANG SHAFT (SEE LAYOUT FOR PART NO.) |
| 2    | D20020   | SPOOL 9" X 6" DIA                                |
| 3    | D20024   | 2 1/4" SLOTTED SQUARE NUT                        |
| 4    | D20011   | 6" x 1 1/2" CONVEX DISC GANG WASHER              |
| 5    | D20012   | 6" x 1 1/2" CONCAVE DISC GANG WASHER             |
| 6    | D00077   | 3 1/2" x 3/4" FLAT SPACER                        |
| 9    | D20021   | 3 1/2" x 1 1/2" FLAT SPACER                      |
| 8    | D10042   | DISC SCRAPER HANGER                              |
| 9    | D10018R  | DISC SCRAPER BLADE - RIGHT                       |
| 10   | D10018L  | DISC SCRAPER BLADE - LEFT                        |
| 11   | BN08L    | 1/2" NYLOCK NUT NC                               |
| 12   | BN10L    | 5/8" NYLOCK NUT NC                               |
| 13   | BU0820   | 1/2" x 2 x 3 U-BOLT                              |
| 14   | BU1020   | 5/8" x 2 x 3 1/2" U-BOLT                         |
| 15   | BU1061   | U-BOLT 5/8" x 6" x 5 1/2"                        |
| 16   | B0840    | 1/2"NC x 4" LG. HEX BOLT                         |

**NOTE:** Right Hand Scraper Blades (D10018R) are mounted on **front right hand** gangs and **rear left hand** gangs.

Left Hand Scraper Blades (D10018L) are mounted on **front left hand** gangs and **rear right hand** gangs.

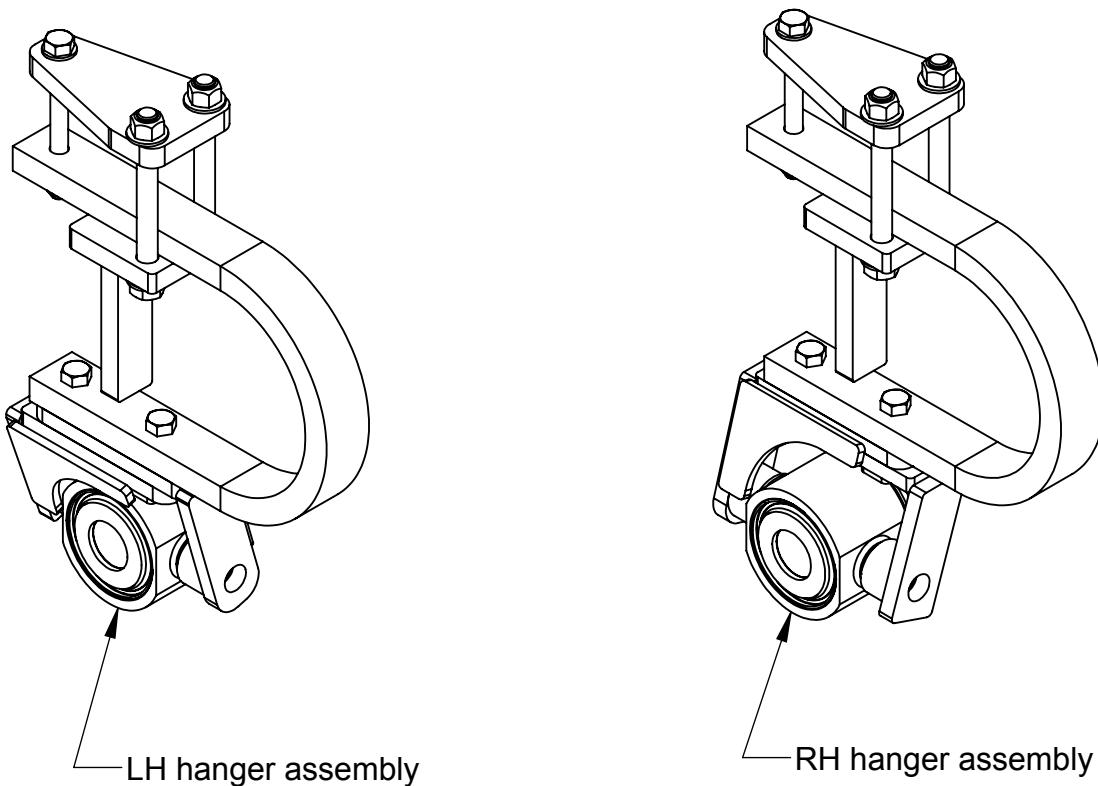


## C-Flex Hanger Assembly



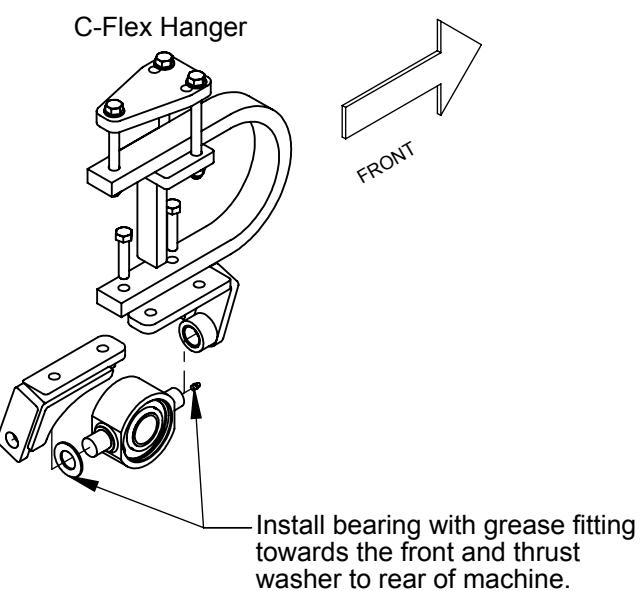
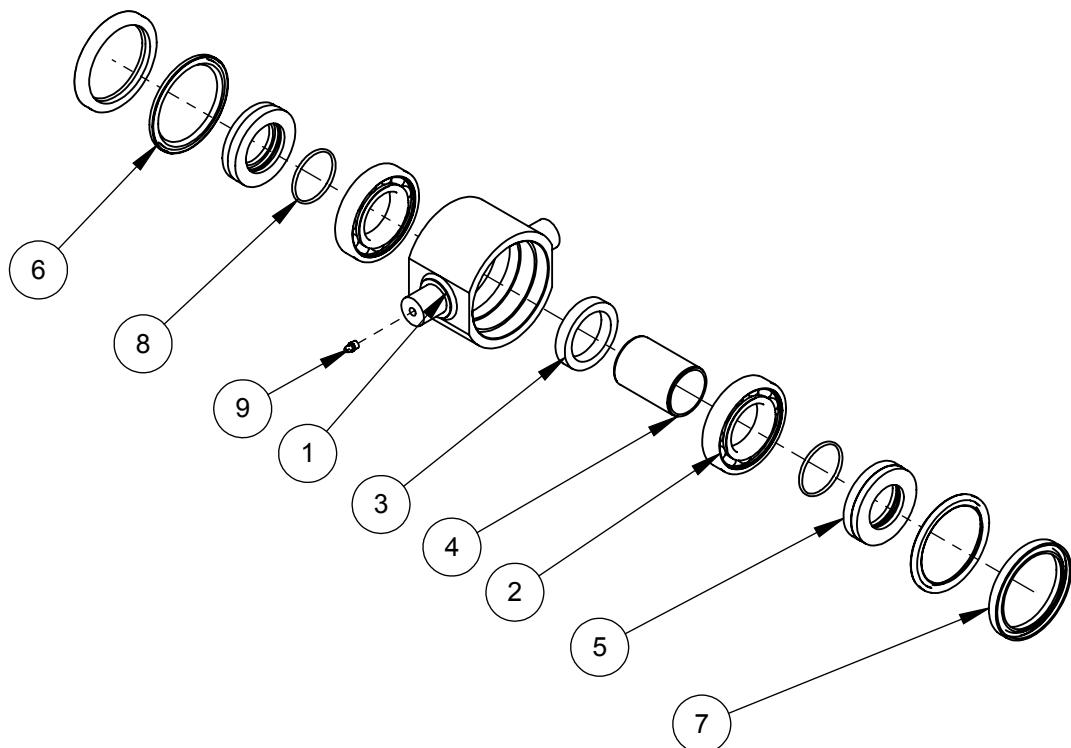
## C-Flex Hanger Assembly

| ITEM | QTY | PART NO.     | DESCRIPTION                                |
|------|-----|--------------|--|
| 1    | 1   | D00075       | 2 1/4" TRUNNION BEARING MOUNT - UPPER      |
| 2    | 1   | D00076       | 2 1/4" TRUNNION BEARING MOUNT - LOWER      |
| 3    | 1   | D00085A      | 2 1/4" TRUNNION BEARING CARTRIDGE ASSEMBLY |
| 4    | 1   | D10023       | 1 1/4" C-FLEX SPRING                       |
| 5    | 1   | D10167       | 2 1/4" C-FLEX PULL-UP PLATE WITH STOPPER   |
| 6    | 1   | FL04954      | C-FLEX GANG MOUNTING TUBE PLATES           |
| 7    | 2   | B1235        | 3/4 x 3 1/2" GR.5 HEX BOLT PLATED          |
| 8    | 1   | B1275        | 3/4" NC x 7 1/2" HEX BOLT GR.5 PLATED      |
| 9    | 2   | B1485        | 7/8 X 8 1/2" HEX BOLT GR.5                 |
| 10   | 2   | BF12HS       | 3/4" HARD STRUCTURAL WASHER                |
| 11   | 4   | BF14HS       | 7/8" HARD STRUCTURAL FLAT WASHER           |
| 12   | 1   | BF22S        | 1 3/8" HARDENED STRUCTURAL WASHER          |
| 13   | 3   | BN12S        | 3/4" STOVER LOCK NUT                       |
| 14   | 2   | BN14S        | 7/8"-14NC STOVER LOCKNUT                   |
| 15   | 2   | GBB175150100 | 1 3/4" x 1 1/2" x 1" LG. HARD BUSHING      |



## 2 1/4" Disc Gang Bearing Assembly

| ITEM | QTY | PART NO.  | DESCRIPTION                                     |
|------|-----|-----------|---|
| 1    | 1   | D00085    | 2 1/4" TRUNNION BEARING HOUSING - MACHINED      |
| 2    | 2   | GB6213    | 2 1/4" DISC BEARING                             |
| 3    | 1   | D00039    | CENTRE SPACER                                   |
| 4    | 1   | D00036    | 2 1/4 BEARING CENTRE SLEEVE                     |
| 5    | 2   | D00037    | 2 1/4" BEARING SLEEVE END CAPS                  |
| 6    | 2   | GBS39961  | 2 1/4" DISC BEARING RUBBER SEAL                 |
| 7    | 2   | GBS39961U | 2 1/4" DISC BEARING URETHANE WIPER              |
| 8    | 2   | HOR-2-231 | 2-231 O RING NITRILE NBR 70 (2.625x2.875x0.139) |
| 9    | 1   | GF1610    | 1/8" NPT GREASE FITTING                         |



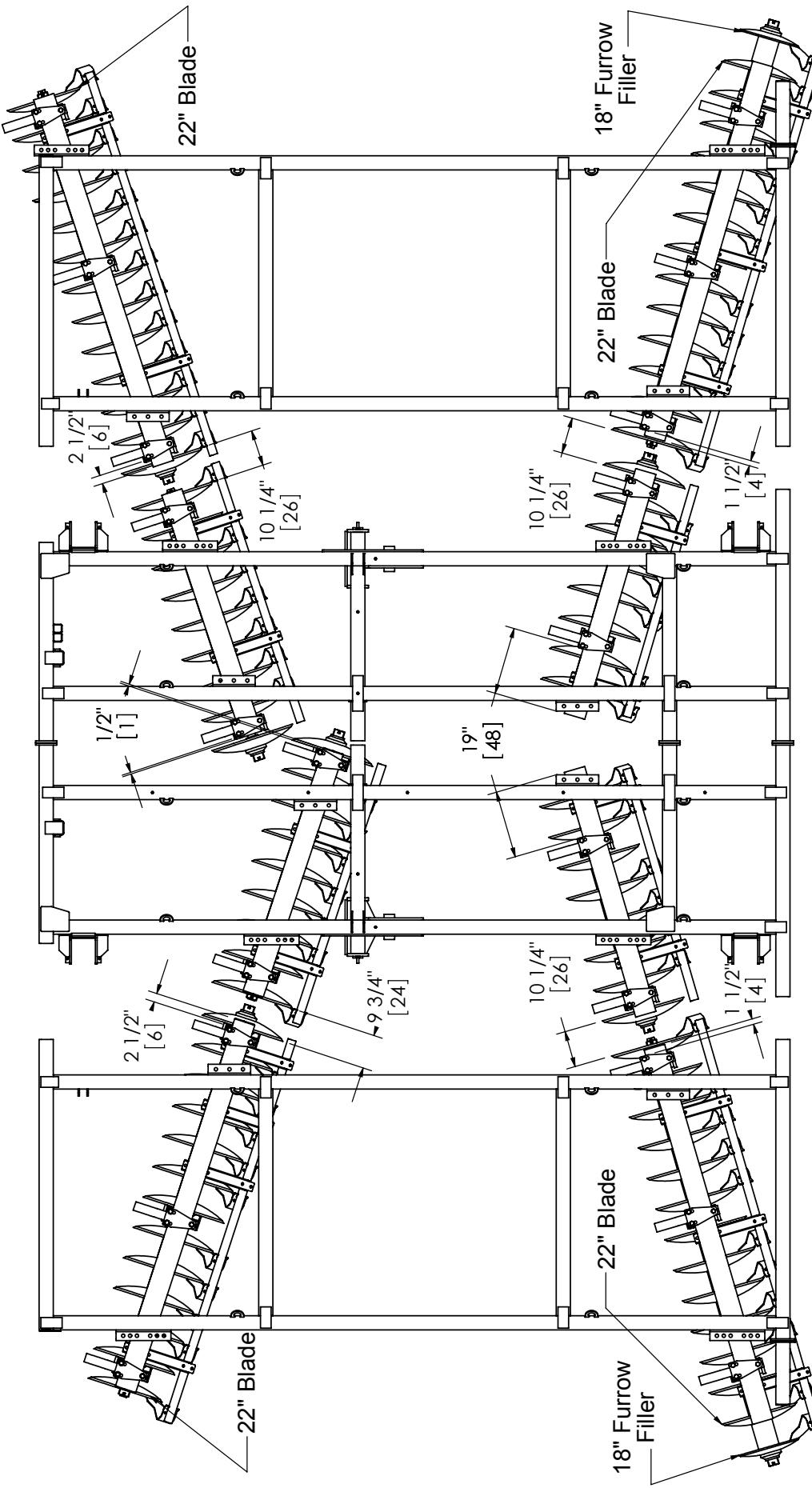
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**870 31' 8" 9in SPACING C-FLEX GANG LAYOUT**

| Wing Front Gangs |           |                         |          |
|------------------|-----------|-------------------------|----------|
| QTY              | Part No.  | Description             | Length   |
| 2                | DK36080   | Disc Gang Shaft         | 116"     |
| 2                | U20203077 | Scraper Tube            | 113 1/2" |
| 2                | D873189MF | Gang Tube (Hole at 16") | 109"     |

| Mainframe Front Gangs |             |                         |        |
|-----------------------|-------------|-------------------------|--------|
| QTY                   | Part No.    | Description             | Length |
| 2                     | DK36116     | Disc Gang Shaft         | 80"    |
| 2                     | U2020311312 | Scraper Tube            | 77"    |
| 2                     | D873189WF   | Gang Tube (Hole at 14") | 72"    |

| Wing Front Gangs |             |                         |          |
|------------------|-------------|-------------------------|----------|
| QTY              | Part No.    | Description             | Length   |
| 1                | DK36116     | Disc Gang Shaft         | 116"     |
| 1                | U2020311312 | Scraper Tube            | 113 1/2" |
| 1                | D873189WF   | Gang Tube (Hole at 14") | 109"     |



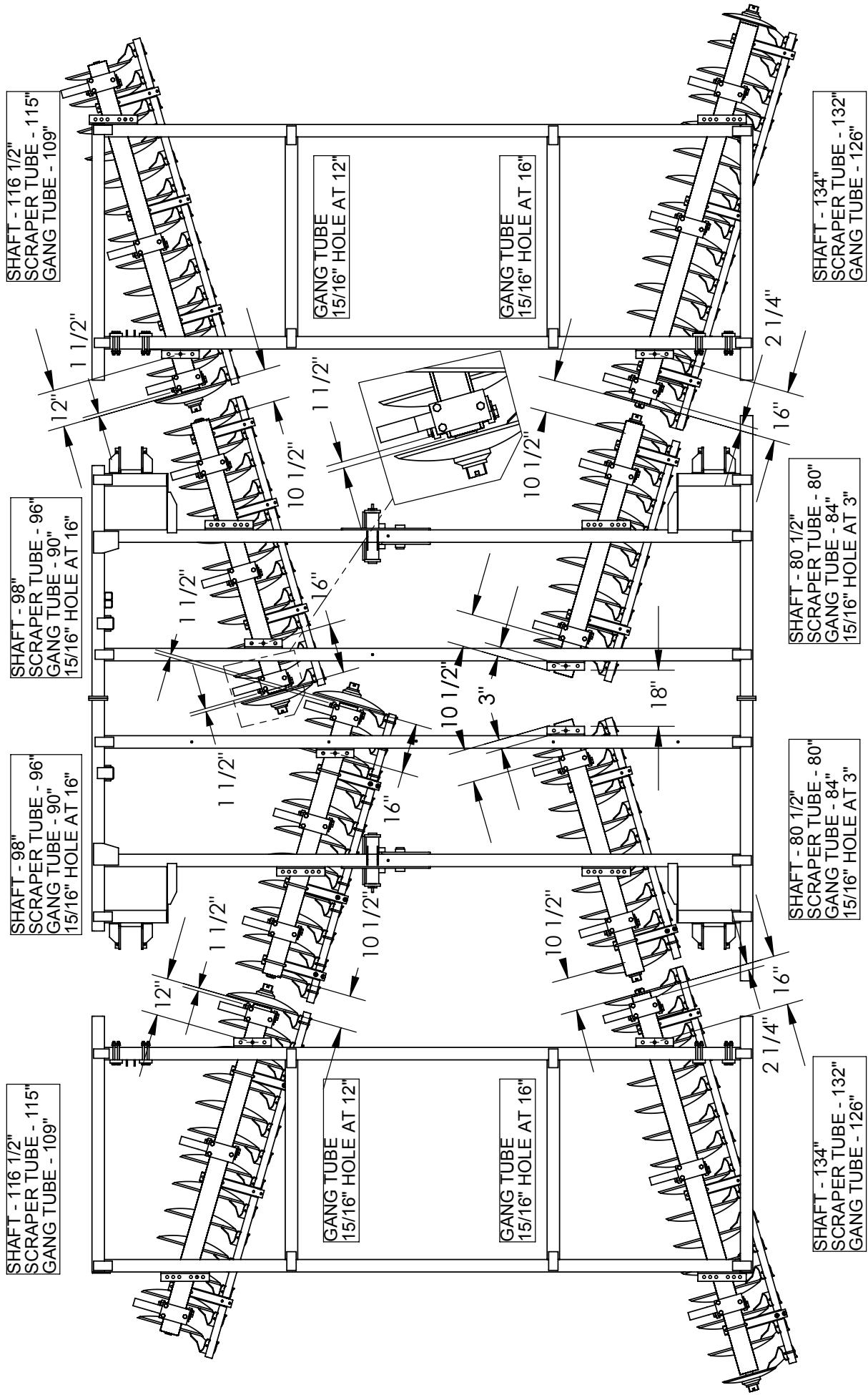
| Wing Rear Gangs |             |                        |         |
|-----------------|-------------|------------------------|---------|
| QTY             | Part No.    | Description            | Length  |
| 2               | DK36071     | Disc Gang Shaft        | 71"     |
| 2               | U2020306812 | Scraper Tube           | 68 1/2" |
| 2               | D873189MR   | Gang Tube (Hole at 3") | 72"     |

| Mainframe Rear Gangs |             |                         |          |
|----------------------|-------------|-------------------------|----------|
| QTY                  | Part No.    | Description             | Length   |
| 2                    | DK36125     | Disc Gang Shaft         | 125"     |
| 1                    | U2020312212 | Scraper Tube            | 122 1/2" |
| 1                    | D873189WR   | Gang Tube (Hole at 14") | 109"     |

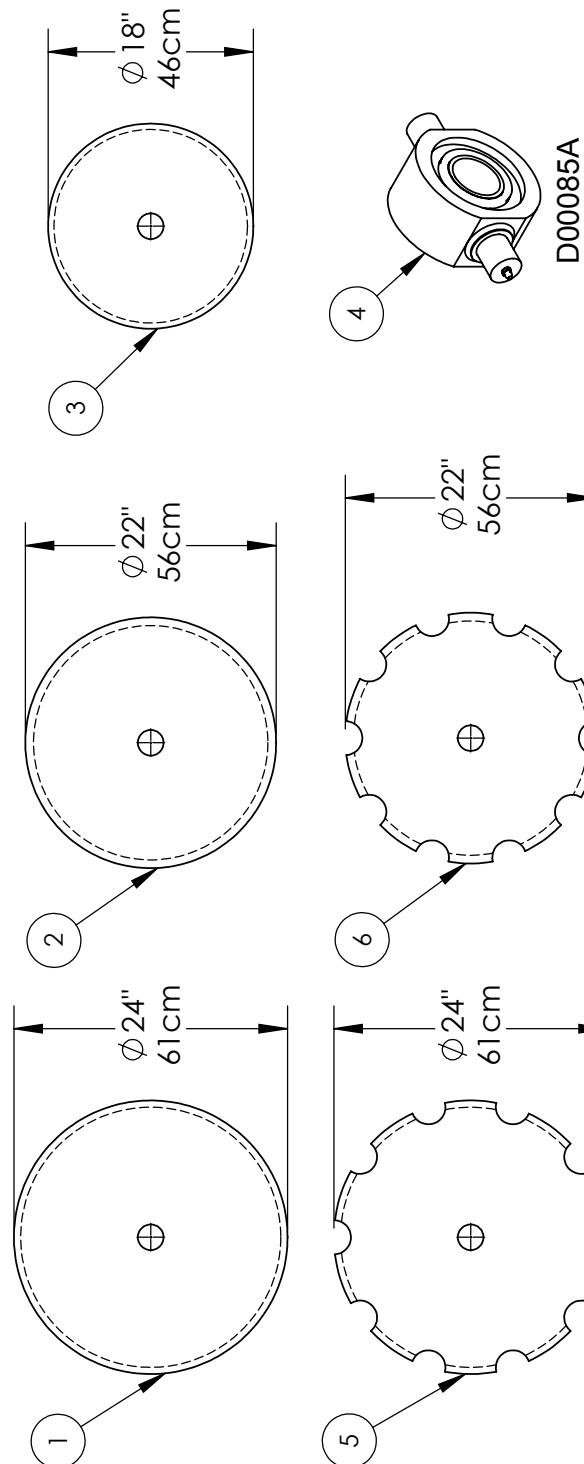
| Wing Front Gangs |             |                         |          |
|------------------|-------------|-------------------------|----------|
| QTY              | Part No.    | Description             | Length   |
| 1                | DK36116     | Disc Gang Shaft         | 116"     |
| 1                | U2020311312 | Scraper Tube            | 113 1/2" |
| 1                | D873189WF   | Gang Tube (Hole at 14") | 109"     |

**86 BLADES + 2 FURROW FILLERS**Dimensions are in  
inches  
[cm]

## 870 35' 9in SPACING C-FLEX GANG LAYOUT



## Disc Blades - 9" Spacing



| ITEM | PART NO. | DESCRIPTION                          | QTY. WITH SMOOTH BLADES ON FRONT & REAR |        |        |        |        |
|------|----------|--------------------------------------|---|--------|--------|--------|--------|
|      |          |                                      | 21' 6"                                  | 24' 8" | 26' 2" | 28' 8" | 31' 8" |
| 1    | CT50322  | 24" SMOOTH 6.5mm BLADE - 2 1/4" HOLE | 54                                      | 62     | 66     | 74     | 82     |
| 2    | CT502662 | 22" SMOOTH 6.5mm BLADE - 2 1/4" HOLE | 4                                       | 4      | 4      | 4      | 4      |
| 3    | CT501862 | 18" SMOOTH 6.5mm BLADE - 2 1/4" HOLE | 2                                       | 2      | 2      | 2      | 2      |
| 4    | D00085A  | 2 1/4" TRUNION BEARING ASSEMBLY      | 16                                      | 16     | 16     | 20     | 20     |

| ITEM | PART NO. | DESCRIPTION                           | QTY. WITH NOTCHED BLADES ON FRONT & SMOOTH BLADES ON REAR |        |        |        |        |
|------|----------|---------------------------------------|---|--------|--------|--------|--------|
|      |          |                                       | 21' 6"  | 24' 8" | 26' 2" | 28' 8" | 31' 8" |
| 1    | CT50322  | 24" SMOOTH 6.5mm BLADE - 2 1/4" HOLE  | 26  | 30     | 32     | 36     | 40     |
| 2    | CT502662 | 22" SMOOTH 6.5mm BLADE - 2 1/4" HOLE  | 2   | 2      | 2      | 2      | 2      |
| 3    | CT501862 | 18" SMOOTH 6.5mm BLADE - 2 1/4" HOLE  | 2   | 2      | 2      | 2      | 2      |
| 4    | D00085A  | 2 1/4" TRUNION BEARING ASSEMBLY       | 16  | 16     | 16     | 20     | 20     |
| 5    | CT5033   | 24" NOTCHED 6.5mm BLADE - 2 1/4" HOLE | 28  | 32     | 34     | 38     | 42     |
| 6    | CT50232  | 22" NOTCHED 6.5mm BLADE - 2 1/4" HOLE | 2   | 2      | 2      | 2      | 2      |

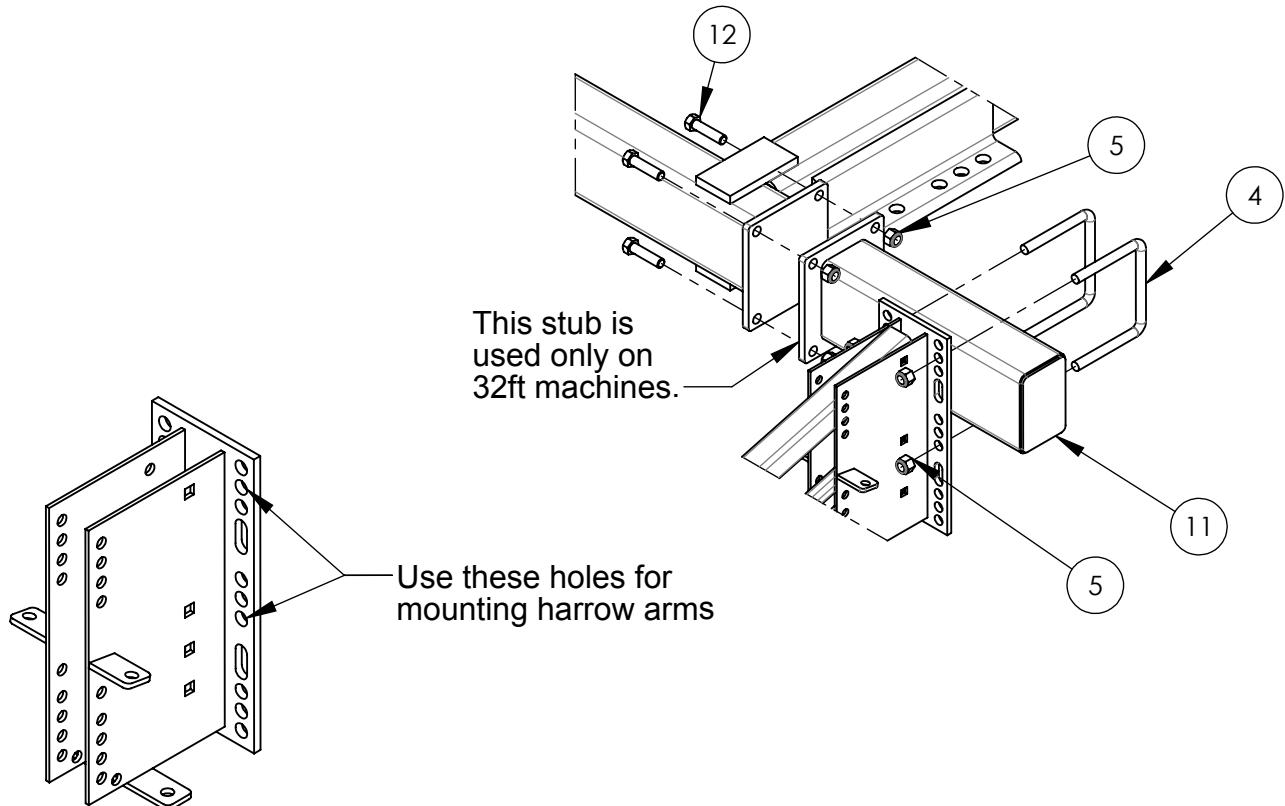
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## Harrow Installation

| ITEM | PART NO.   | DESCRIPTION                                 |
|------|------------|---|
| 1    | D10053     | 3 1/2" DISC HARROW EXTENSION                |
| 2    | UC40604100 | CAPPED TUBE 4" x 6" x 1/4"W x 100" LG.      |
| 3    | RB1091     | 62" HARROW ARM ASSEMBLY                     |
| 4    | BU1061     | U-BOLT 5/8" x 6" x 5 1/2"                   |
| 5    | BN10L      | 5/8" NYLOCK NUT NC                          |
| 6    | BU0825     | 1/2" x 2 1/2 x 3 1/2 U-BOLT                 |
| 7    | BN08L      | 1/2" NYLOCK NUT NC                          |
| 8    | BU1020     | 5/8" x 2 x 3 1/2" U-BOLT                    |
| 9    | RB0025     | TOOL,HARROW TIGHTENER                       |
| 10   | RB0026     | HOLDER,HARROW TOOL                          |
| 11   | D10059     | BOLT-ON STUB FOR C-FLEX DISC ONLY (HARROWS) |
| 12   | B1025      | 5/8 X 2 1/2" GR.5 PLATED BOLT               |

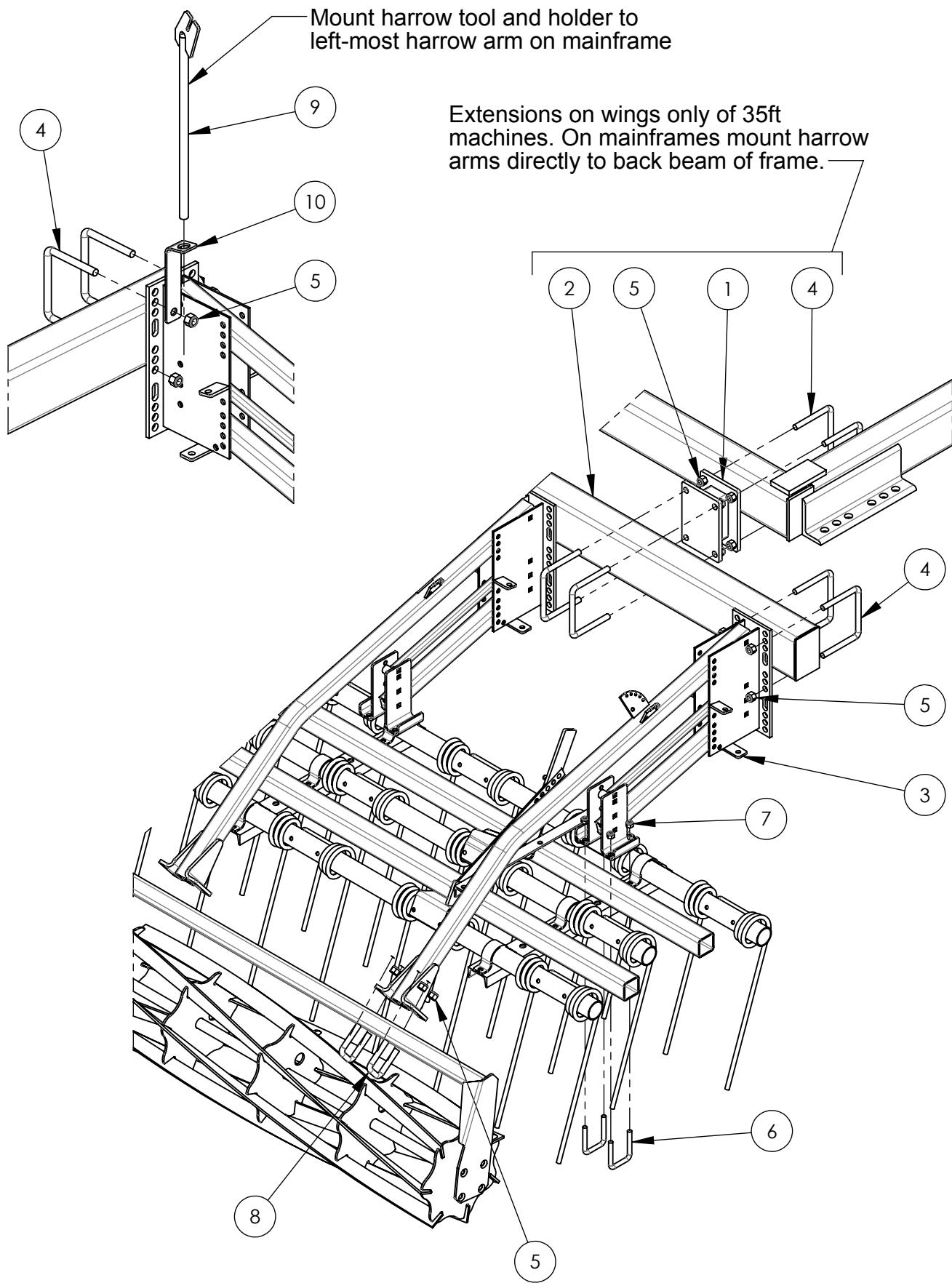
(1) & (2) used only on wings of 35ft machines.

(11) used only on wings of 32ft machines.

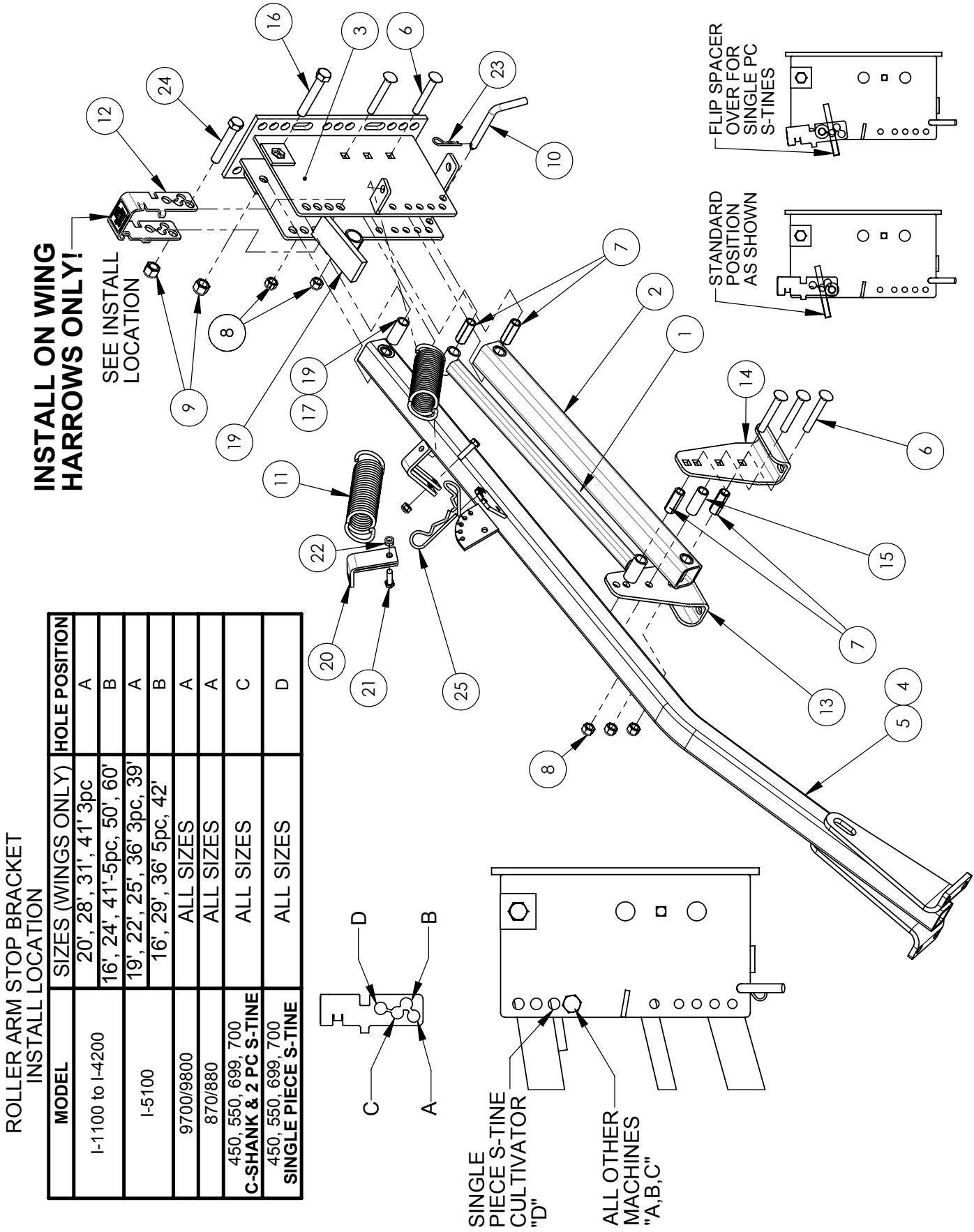


See harrow layout for locations of extensions and harrow arms, and tine and roller harrow sizes.

## Harrow Installation



## 62" Harrow Arm Assembly

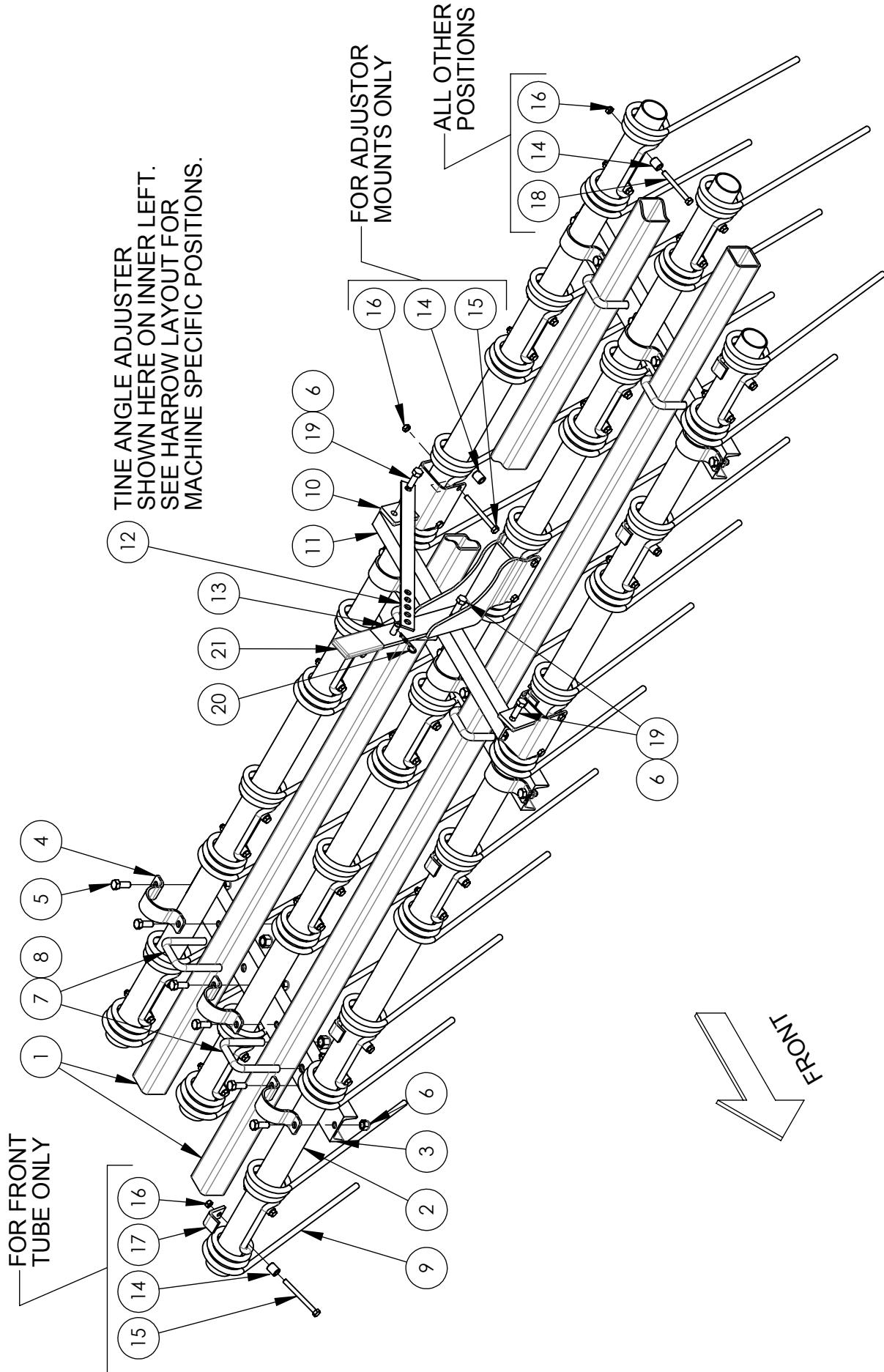


## 62" Harrow Arm Assembly

| ITEM NO. | QTY. | PART NO.     | DESCRIPTION   |
|----------|------|--------------|---|
| 1        | 1    | R30012       | PARALLEL LINKAGE BAR                                      |
| 2        | 1    | R30006       | PARALLEL LINKAGE ARM                                      |
| 3        | 1    | R80099       | HEAD,SALFORD HARROW FOR 5/8" UPPER PIVOT BOLT             |
| + 4      | 1    | R80100       | 62" HARROW ARM FOR 5/8" PIVOT AND U-BOLTS                 |
| + 5      | 1    | R80100A      | 62" HARROW ARM W/ KIT (REPLACES RB1125)                   |
| 6        | 5    | BC0835H      | 1/2" X 13NC X 3-1/2" LG. CARRIAGE BOLT GR. 5 SHORT THREAD |
| 7        | 4    | R0030        | NYLON BUSHING 3/4" OD x 1/2" ID x 1.94 LG.                |
| 8        | 5    | BN08L        | 1/2" NYLOCK NUT NC  |
| 9        | 2    | BN10L        | 5/8" NYLOCK NUT NC  |
| 10       | 1    | GP0800312L03 | 1/2" x 3 1/2" L - PIN                                     |
| 11       | 2    | R0035        | 2" x 10" HARROW ARM SPRING                                |
| 12       | 1    | R80128A      | ROLLER ARM STOP BRACKET WITH DECAL                        |
| 13       | 1    | R80037L      | TINE SECTION UPRIGHT PLATE LEFT 1/2"                      |
| 14       | 1    | R80037R      | TINE SECTION UPRIGHT PLATE RIGHT 1/2"                     |
| 15       | 1    | R0028        | STEEL HEAD SPACER 2 1/16" LG.                             |
| 16       | 1    | B1037ST      | 5/8" - 11NC X 3 3/4" SHORT THREAD BOLT                    |
| 17       | 1    | R80098       | 7/8" OD x 5/8" ID NYLATRON BUSHING                        |
| + 18     | 1    | R80106       | 7/8"OD - 0.520"ID NYLATRON ROD                            |
| + 19     | 1    | R80096       | HARROW ARM SPACER   |
| 20       | 2    | RB0021       | TIGHTENER,SINGLE SPRING                                   |
| 21       | 2    | B0615        | 3/8" X 1 1/2" LG. GRADE 5                                 |
| 22       | 2    | BN06L        | 3/8"-16NC NYLOCK NUT                                      |
| 23       | 1    | GHP11        | #11 HAIR PIN  |
| 24       | 1    | B1040        | 5/8" x 4" UNC HEX BOLT                                    |
| 25       | 2    | GHP6         | #6 HAIR PIN   |

**NOTES:**

- + PLEASE NOTE - R080100 (62" HARROW ARM) IS ALSO AVAILABLE AS R80100A (THIS PART # INCLUDES (19) FOR 1/2" & (18) FOR 5/8" PIVOT BOLT AS WELL AS NEW 5/8" U-BOLTS) AND REPLACES PART# RB1125 (FOR 1/2" NYLON BUSHING AND U-BOLTS).

**1/2" Tine Harrow Parts**

**1/2" Tine Harrow Parts****1/2" - 3 TINE HARROW ASSEMBLY PART NO. R633**

| ITEM NO. | PART NO.   | DESCRIPTION                           |
|----------|------------|---------------------------------------|
| 1        | U252503052 | TUBE 2 1/2 x 2 1/2 x 3/16"W x 52" LG. |
| 2        | R6063      | TINE PIPE FOR 1/2" (3-TINE)           |

**1/2" - 4 TINE HARROW ASSEMBLY PART NO. R634**

| ITEM NO. | PART NO.   | DESCRIPTION                           |
|----------|------------|---------------------------------------|
| 1        | U252503072 | TUBE 2 1/2 x 2 1/2 x 3/16"W x 72" LG. |
| 2        | R6064      | TINE PIPE FOR 1/2" (4-TINE)           |

**1/2" - 5 TINE HARROW ASSEMBLY PART NO. R635**

| ITEM NO. | PART NO.   | DESCRIPTION                           |
|----------|------------|---------------------------------------|
| 1        | U252503092 | TUBE 2 1/2 x 2 1/2 x 3/16"W x 92" LG. |
| 2        | R6065      | TINE PIPE FOR 1/2" (5-TINE)           |

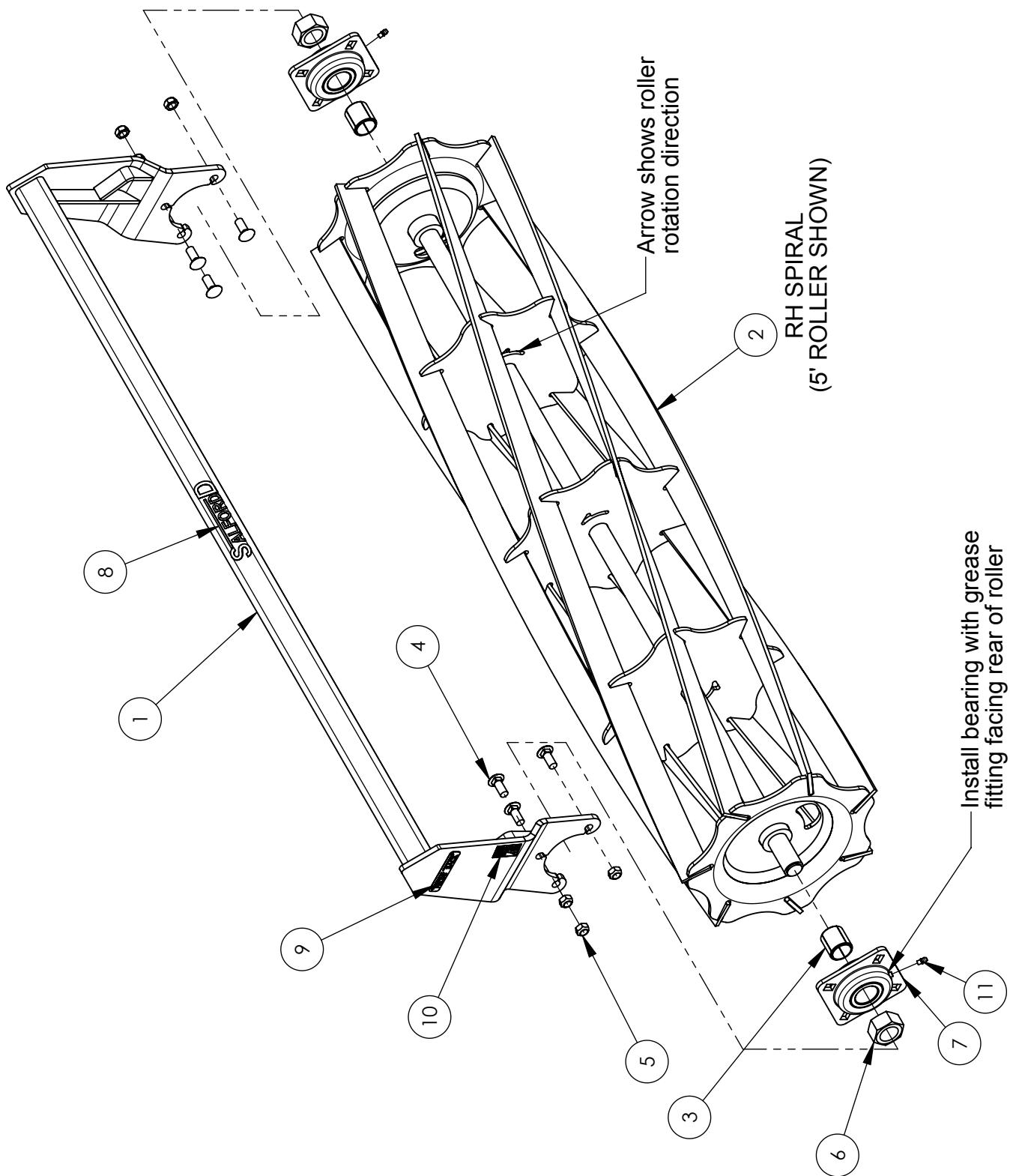
**1/2" - 6 TINE HARROW ASSEMBLY PART NO. R636**

| ITEM NO. | PART NO.   | DESCRIPTION                            |
|----------|------------|--|
| 1        | U252503112 | TUBE 2 1/2 x 2 1/2 x 3/16"W x 112" LG. |
| 2        | R6066      | TINE PIPE FOR 1/2" (6-TINE)            |

**COMMON PARTS**

| ITEM NO. | PART NO. | DESCRIPTION                         |
|----------|----------|-------------------------------------|
| 3        | R30002   | 1/2" TINE TUBE CONNECTOR            |
| 4        | R30011   | CLAMP BRACKET                       |
| 5        | B0812    | 1/2 X 1 1/4" BOLT                   |
| 6        | BN08L    | 1/2" NYLOCK NUT NC                  |
| 7        | BU1025   | U-BOLT 5/8" x 2 1/2" x 4"           |
| 8        | BN10L    | 5/8" NYLOCK NUT NC                  |
| 9        | R60000   | 1/2" WIRE - 20" DBL LEG SPRING TINE |
| 10       | R30007   | ADJUSTING BRACKET WELDMENT          |
| 11       | R30005   | 1/2" TINE 3 BAR ADJUST CONNECTOR    |
| 12       | R30010   | ADJUSTING BAR HD 3 BAR TINE         |
| 13       | R30008   | ADJUSTING BRACKET HANDLE WELDMENT   |
| 14       | R9063    | .75 OD x .438 ID X 7/8 LONG SPACER  |
| 15       | B0640    | 3/8" NC x 4" LG. HEX BOLT GR. 5     |
| 16       | BN06S    | 3/8"-16NC STOVER LOCK NUT           |
| 17       | R30015   | LIGHT SAVER BRACKET                 |
| 18       | B0635    | 3/8"NC x 3 1/2" LG. HEX BOLT        |
| 19       | B0815    | 1/2" x 1 1/2" HEX BOLT              |
| 20       | GHP11    | #11 HAIR PIN                        |
| 21       | R80125   | VINYL HANDLE FOR TINE ADJUSTMENT    |

## 14" Roller Parts



## 14" Roller Parts

### **14" ROLLER HARROW ASSEMBLY - 3' 0" (91.4) LONG**

COMPLETE ASSEMBLY PART NO. MR80143(L/R)

| ITEM | QTY | PART NO. | DESCRIPTION                                |
|------|-----|----------|--|
| 1    | 1   | R80137-3 | 3' ROLLER FRAME FOR 14" ROLLER             |
| 2    | 1   | R80147R  | 3' ROLLER ONLY RIGHT HAND SPIRAL, 14" DIA. |
| 3    | 2   | A60099   | 1 1/4" x 1 1/2" x 1 19/32"LG BUSHING       |
| 4    | 6   | BC0812H  | CARRIAGE BOLT 1/2"NC x 1 1/4" LG. GR. 5    |
| 5    | 6   | BN08S    | 1/2"-13NC STOVER LOCK NUT                  |
| 6    | 2   | BN20CS   | 1 1/4" NC CENTER STAKED LOCK NUT           |
| 7    | 2   | GB491-B  | 1 1/2" BEARING COMPLETE                    |
| 8    | 1   | GD1071   | SMALL SALFORD DECAL FOR ROLLERS            |
| 9    | 1   | GD1215   | HARROW DIRECTION DECAL FRONT - BACK        |
| 10   | 2   | GD108100 | GREASE EVERY 100 HOUR WITH WARNING         |
| 11   | 2   | GF641    | 1/4"-28NF GREASE FITTING                   |

### **14" ROLLER HARROW ASSEMBLY - 4' 0" (121.9) LONG**

COMPLETE ASSEMBLY PART NO. MR80144(L/R)

| ITEM | QTY | PART NO. | DESCRIPTION                                |
|------|-----|----------|--|
| 1    | 1   | R80137-4 | 4' ROLLER FRAME FOR 14" ROLLER             |
| 2    | 1   | R80148R  | 4' ROLLER ONLY RIGHT HAND SPIRAL, 14" DIA. |
| 3    | 2   | A60099   | 1 1/4" x 1 1/2" x 1 19/32"LG BUSHING       |
| 4    | 6   | BC0812H  | CARRIAGE BOLT 1/2"NC x 1 1/4" LG. GR. 5    |
| 5    | 6   | BN08S    | 1/2"-13NC STOVER LOCK NUT                  |
| 6    | 2   | BN20CS   | 1 1/4" NC CENTER STAKED LOCK NUT           |
| 7    | 2   | GB491-B  | 1 1/2" BEARING COMPLETE                    |
| 8    | 1   | GD1071   | SMALL SALFORD DECAL FOR ROLLERS            |
| 9    | 1   | GD1215   | HARROW DIRECTION DECAL FRONT - BACK        |
| 10   | 2   | GD108100 | GREASE EVERY 100 HOUR WITH WARNING         |
| 11   | 2   | GF641    | 1/4"-28NF GREASE FITTING                   |

### **14" ROLLER HARROW ASSEMBLY - 5' 0" (152.4) LONG**

COMPLETE ASSEMBLY PART NO. MR80145(L/R)

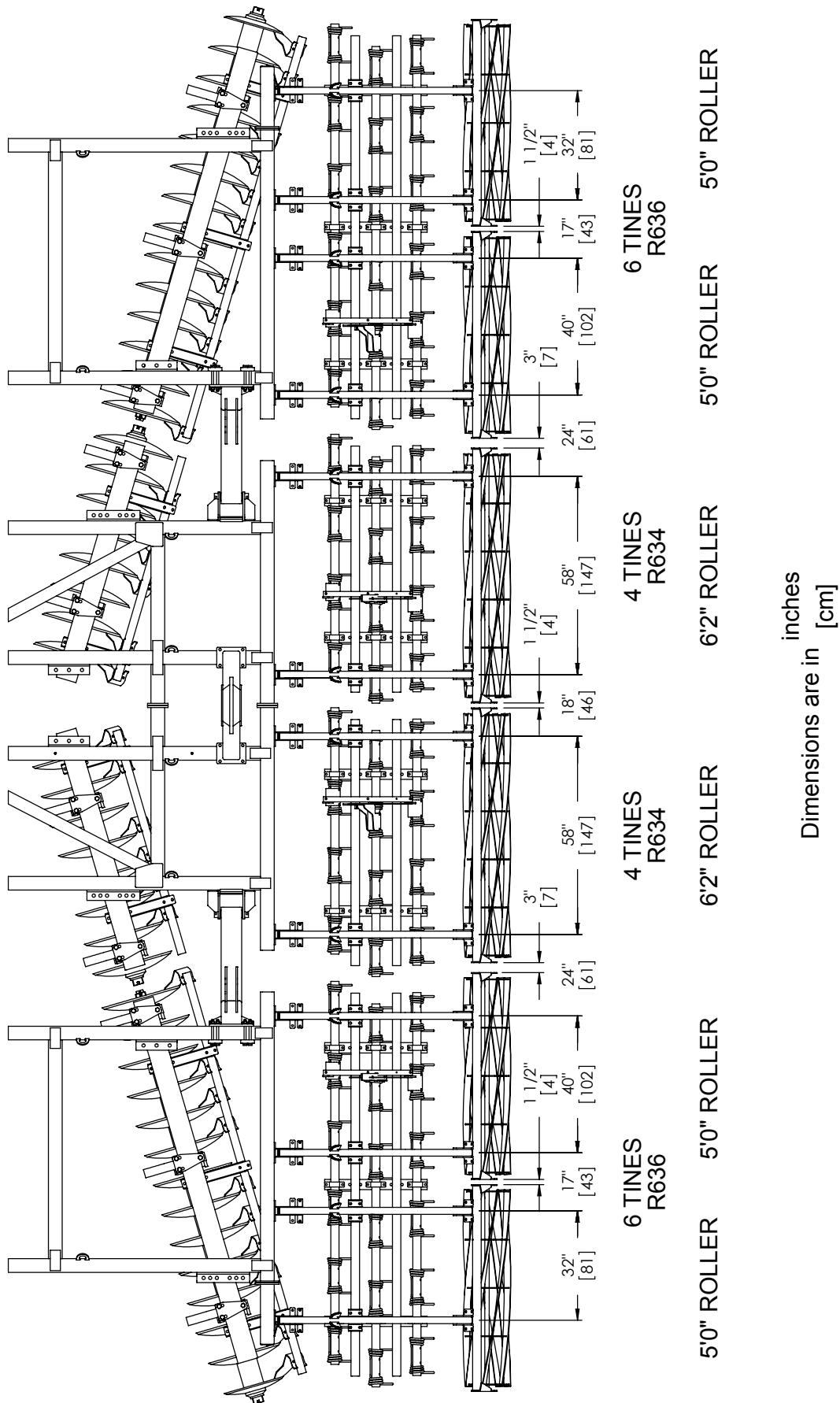
| ITEM | QTY | PART NO. | DESCRIPTION                                |
|------|-----|----------|--|
| 1    | 1   | R80137-5 | 5' ROLLER FRAME FOR 14" ROLLER             |
| 2    | 1   | R80149R  | 5' ROLLER ONLY RIGHT HAND SPIRAL, 14" DIA. |
| 3    | 2   | A60099   | 1 1/4" x 1 1/2" x 1 19/32"LG BUSHING       |
| 4    | 6   | BC0812H  | CARRIAGE BOLT 1/2"NC x 1 1/4" LG. GR. 5    |
| 5    | 6   | BN08S    | 1/2"-13NC STOVER LOCK NUT                  |
| 6    | 2   | BN20CS   | 1 1/4" NC CENTER STAKED LOCK NUT           |
| 7    | 2   | GB491-B  | 1 1/2" BEARING COMPLETE                    |
| 8    | 1   | GD1071   | SMALL SALFORD DECAL FOR ROLLERS            |
| 9    | 1   | GD1215   | HARROW DIRECTION DECAL FRONT - BACK        |
| 10   | 2   | GD108100 | GREASE EVERY 100 HOUR WITH WARNING         |
| 11   | 2   | GF641    | 1/4"-28NF GREASE FITTING                   |

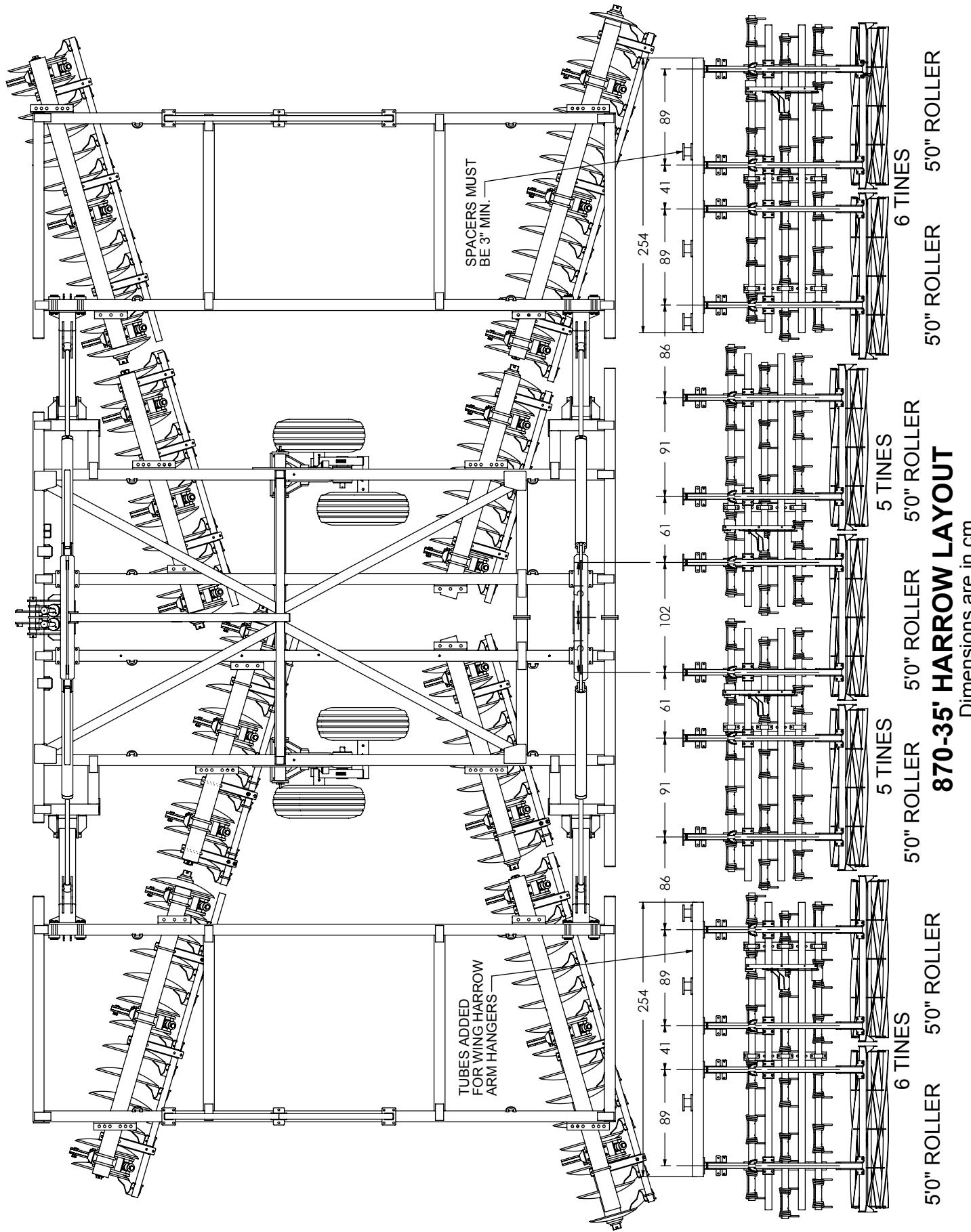
### **14" ROLLER HARROW ASSEMBLY - 6' 2" (187.9) LONG**

COMPLETE ASSEMBLY PART NO. MR80146(L/R)

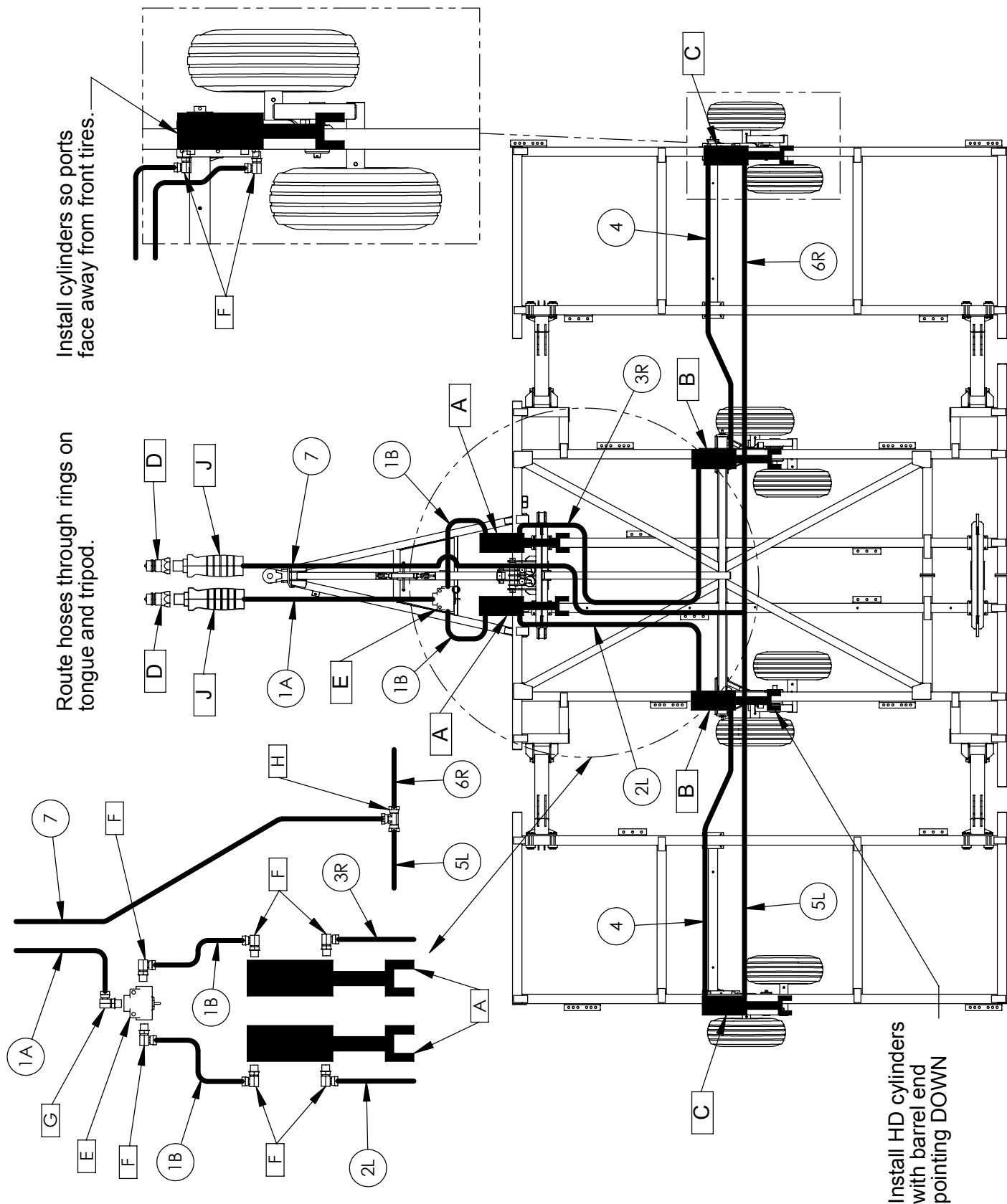
| ITEM | QTY | PART NO. | DESCRIPTION                                  |
|------|-----|----------|--|
| 1    | 1   | R80137-6 | 6'2" ROLLER FRAME FOR 14" ROLLER             |
| 2    | 1   | R80150R  | 6'2" ROLLER ONLY RIGHT HAND SPIRAL, 14" DIA. |
| 3    | 2   | A60099   | 1 1/4" x 1 1/2" x 1 19/32"LG BUSHING         |
| 4    | 6   | BC0812H  | CARRIAGE BOLT 1/2"NC x 1 1/4" LG. GR. 5      |
| 5    | 6   | BN08S    | 1/2"-13NC STOVER LOCK NUT                    |
| 6    | 2   | BN20CS   | 1 1/4" NC CENTER STAKED LOCK NUT             |
| 7    | 2   | GB491-B  | 1 1/2" BEARING COMPLETE                      |
| 8    | 1   | GD1071   | SMALL SALFORD DECAL FOR ROLLERS              |
| 9    | 1   | GD1215   | HARROW DIRECTION DECAL FRONT - BACK          |
| 10   | 2   | GD108100 | GREASE EVERY 100 HOUR WITH WARNING           |
| 11   | 2   | GF641    | 1/4"-28NF GREASE FITTING                     |

# 32ft Harrow Layout





## Axle Lift Hydraulics



## Axle Lift Hydraulics

| ITEM | QTY | PART NO.       | DESCRIPTION  |
|------|-----|----------------|--|
| A    | 2   | HSR4012-TRI    | 4" BORE x 12" STROKE REPHASING HYD. CYLINDER             |
| B    | 2   | HSR4508H       | 4 1/2" BORE x 8" STROKE HD REPHASING HYD. CYLINDER       |
| C    | 2   | HSR4008        | 4" BORE x 8" STROKE REPHASING HYD. CYLINDER              |
| D    | 2   | H80104P        | 1/2" M NPT PIONEER TIP                                   |
| E    | 1   | HPMSC10        | STROKE CONTROL VALVE                                     |
| F    | 14  | H951586        | -08 ORB TO -06 NPT SWIVEL ELBOW                          |
| G    | 1   | H951588        | -08 ORB TO -08 NPT SWIVEL ELBOW                          |
| H    | 1   | H956666        | -06 NPT ALL SWIVEL TEE                                   |
| J    | 1   | HG-PT22E22R21R | PAIR OF RED EXTEND / RED GREY RETRACT PLASTIC HOSE GRIPS |

| LABEL | QTY | LENGTH ft-in [cm] |              | FROM                 | TO                   |
|-------|-----|-------------------|--------------|----------------------|----------------------|
|       |     | 32ft              | 35ft         |                      |                      |
| 1A    | 1   | 13' 6" [411]      | 13' 6" [411] | TRACTOR              | STROKE CONTROL VALVE |
| 1B    | 2   | 3' [91]           | 3' [91]      | STROKE CONTROL VALVE | HSR4012 BARREL       |
| 2L    | 1   | 15' [457]         | 15' [457]    | LH HSR4012 ROD       | LH HSR4508H BARREL   |
| 3R    | 1   | 17' [518]         | 17' [518]    | RH HSR4012 ROD       | RH HSR4508H BARREL   |
| 4     | 2   | 14' [427]         | 15' 6" [472] | HSR4508H ROD         | HSR4008 BARREL       |
| 5L    | 1   | 15' 6" [472]      | 18' [549]    | LH HSR4008 ROD       | RETURN TEE           |
| 6R    | 1   | 17' 6" [533]      | 20' [610]    | RH HSR4008 ROD       | RETURN TEE           |
| 7     | 1   | 21' [640]         | 21' [640]    | RETURN TEE           | TRACTOR              |

### CHARGING THE CIRCUIT

**ATTENTION** On hard ground, do not retract cylinders all the way while tongue is hitched to tractor. The tractor drawbar can be **bent** upwards.

Connect only the Barrel end of the cylinders until the circuit has been charged.

1. Be sure that all cylinders can extend completely without striking anything. Prop with blocks if necessary.
2. Connect Tractor.
3. Extend cylinders and hold lever for 2-3 minutes. This will purge the air from the circuit. (The lift cylinders have a port that allows oil to pass when completely extended.)
4. The circuit is now free from air. Install Rod end Pins. Connect tongue telescope.

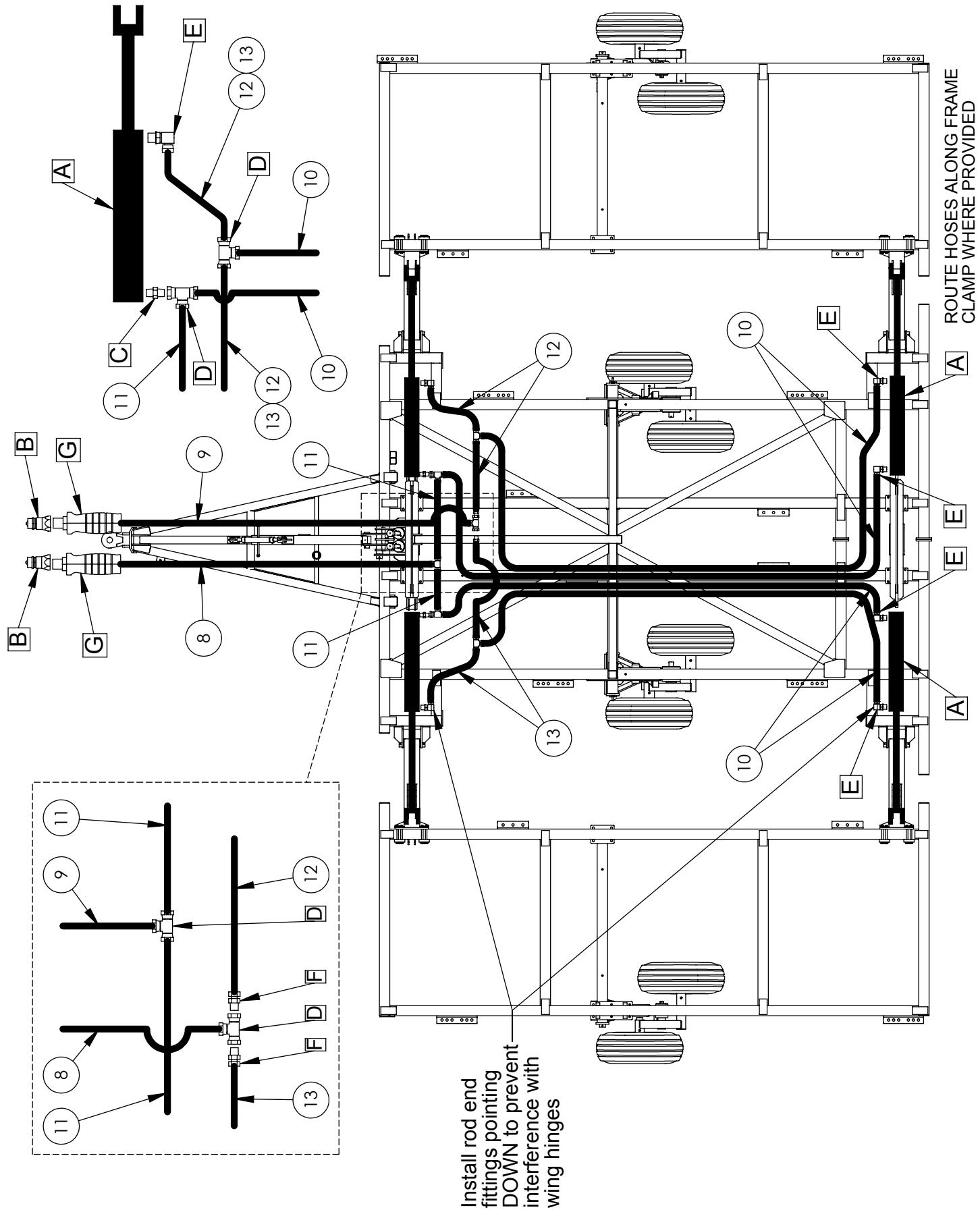
Whenever air could have entered the cylinders, repeat above steps to purge circuit.

Test wing fold and adjust hose droop at wings if necessary.



LEAVE A 3"-4" [7-10cm] DROOP OF  
HOSE AT WING HINGES

# Wing Fold Hydraulics



## Wing Fold Hydraulics

## HARDWARE

| ITEM | QTY | PART NO.       | DESCRIPTION  |
|------|-----|----------------|--|
| A    | 4   | HS3536         | 3 1/2 BORE x 36" STROKE HYD. CYLINDER                        |
| B    | 2   | H80104P        | 1/2" NPT PIONEER COUPLER                                     |
| C    | 2   | H915086        | NIPPLE -08ORB TO -06M NPT                                    |
| D    | 6   | H956666        | TEE -06F NPT ALL SWIVEL                                      |
| E    | 6   | H951586        | ELBOW -08 ORB TO -06F SWIVEL NPT                             |
| F    | 2   | H1404668       | 0.08 RESTRICTOR -06M NPT TO -06F SWIVEL                      |
| G    | 1   | HG-PT24E24R21R | PAIR OF GREEN EXTEND / GREEN GREY RETRACT PLASTIC HOSE GRIPS |

## HOSE

| LABEL | QTY. | LENGTH ft-in [cm] |              | FROM                    | TO               |
|-------|------|-------------------|--------------|-------------------------|------------------|
|       |      | 32ft              | 35ft         |                         |                  |
| 8     | 1    | 15' 6" [472]      | 15' 6" [472] | TRACTOR                 | TEE              |
| 9     | 1    | 15' 6" [472]      | 15' 6" [472] | TRACTOR                 | TEE              |
| 10    | 4    | 22' [671]         | 23' 6" [716] | FRONT CYLINDER TEES     | REAR CYLINDERS   |
| 11    | 2    | 3' [91]           | 4' 6" [137]  | TEE                     | FRONT BARREL TEE |
| 12    | 2    | 3' [91]           | 3' 10" [117] | TEE<br>RH FRONT ROD TEE | RH FRONT ROD     |
| 13    | 2    | 2' 6" [76]        | 3' 6" [107]  | TEE<br>LH FRONT ROD TEE | LH FRONT ROD     |

### CHARGING FOLD CYLINDERS

**Do not connect the cylinder rod until system has been charged with oil.**

1. Prop up the cylinder with a block of wood (fig 1). Check to see that the rod will extend completely without striking anything.

2. Connect tractor

(note: check to see that all cylinders extend and retract in sync.  
If one goes backwards, check the plumbing.)

3. Extend cylinders completely, hold lever for 30 sec. as air exits cylinder.

4. Retract cylinder completely, hold lever for 30 sec. as air exits.

5. Repeat steps 3&4 three times.

6. Install cylinder pins. Be sure washers are installed correctly (see fold cylinder parts page).

**Air in the wing cylinder will cause wings to fall to the ground!!!**

Whenever air could have entered the cylinders, repeat the process above to purge circuit.

**ALWAYS UNFOLD WINGS before working on hydraulics!!! Never work on a lift system with the wings folded**

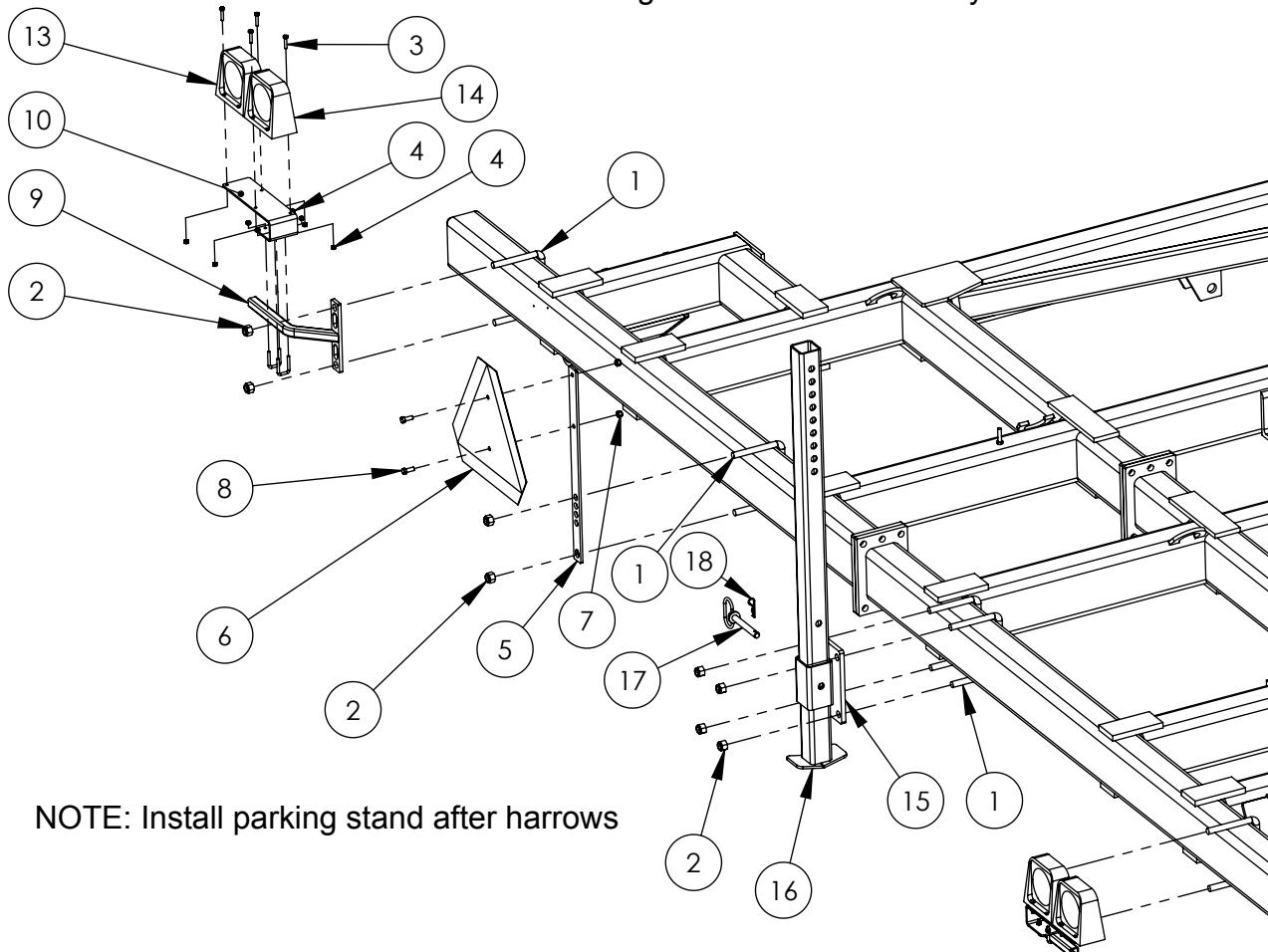


Fig 1. When charging the circuit, prop up cylinder with block of wood. Be sure the rod can extend freely without striking anything.

## Lights, Parking Stand, and SMV Installation

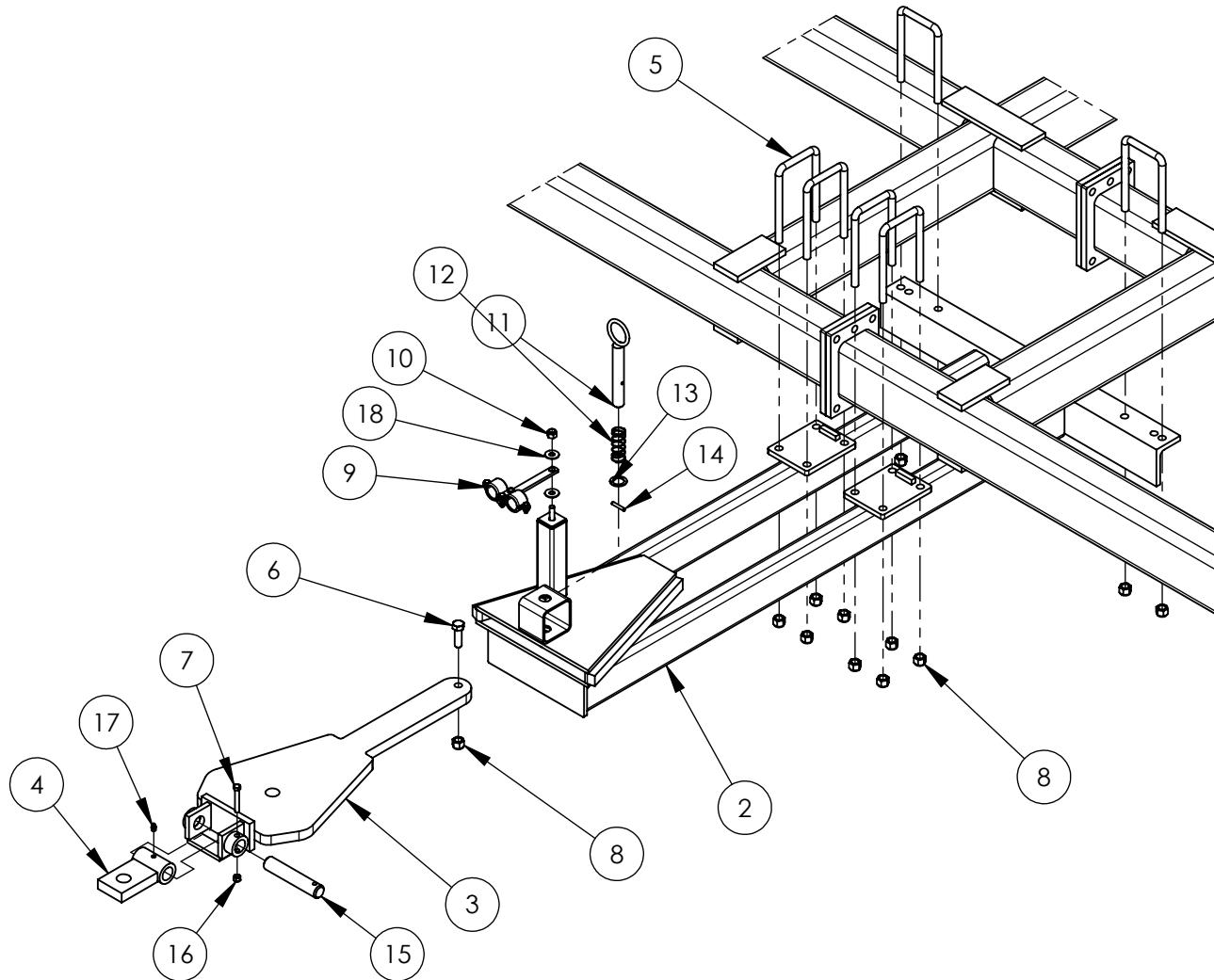
| ITEM | QTY | PART NO.    | DESCRIPTION                          |
|------|-----|-------------|--------------------------------------|
| 1    | 5   | BU1061      | U-BOLT 5/8" x 6" x 5 1/2"            |
| 2    | 10  | BN10L       | 5/8" NYLOCK NUT NC                   |
| 3    | 8   | B0412       | 1/4"NC x 1 1/4" HEX BOLT             |
| 4    | 16  | BN04L       | 1/4" LOCK NUT                        |
| 5    | 1   | C1011       | SMV MOUNTING BRACKET                 |
| 6    | 1   | GAP103NS    | SMV SIGN                             |
| 7    | 2   | BN06L       | 3/8"-16NC NYLOCK NUT                 |
| 8    | 2   | B0610       | 3/8" NC x 1" LG. HEX BOLT GR.5       |
| 9    | 2   | A60055      | LIGHT BRACKET (SHORT)                |
| 10   | 2   | L00425      | OUTSIDE LIGHT MOUNTING PLATE         |
| 11   | 4   | BU0410      | 1/4 x 1" x 1 1/2" U-BOLT             |
| 12   | 1   | GL767762    | SALFORD WESBAR LIGHT KIT             |
| * 13 | 2   | GL767762-AA | ORANGE LIGHT                         |
| * 14 | 2   | GL767762-R  | RED LIGHT                            |
| 15   | 1   | C5507       | REAR PARKING STAND MOUNT FOR 6" BEAM |
| 16   | 1   | C5508       | 550 PARKING STAND                    |
| 17   | 1   | GP100414C03 | 5/8" DIA x 4 1/4" PIN RING & WASHER  |
| 18   | 1   | GHP11       | #11 HAIR PIN                         |

\* Light kit includes wire harness and individual lights. Plugs for left lights are marked with a yellow "LEFT" sticker.

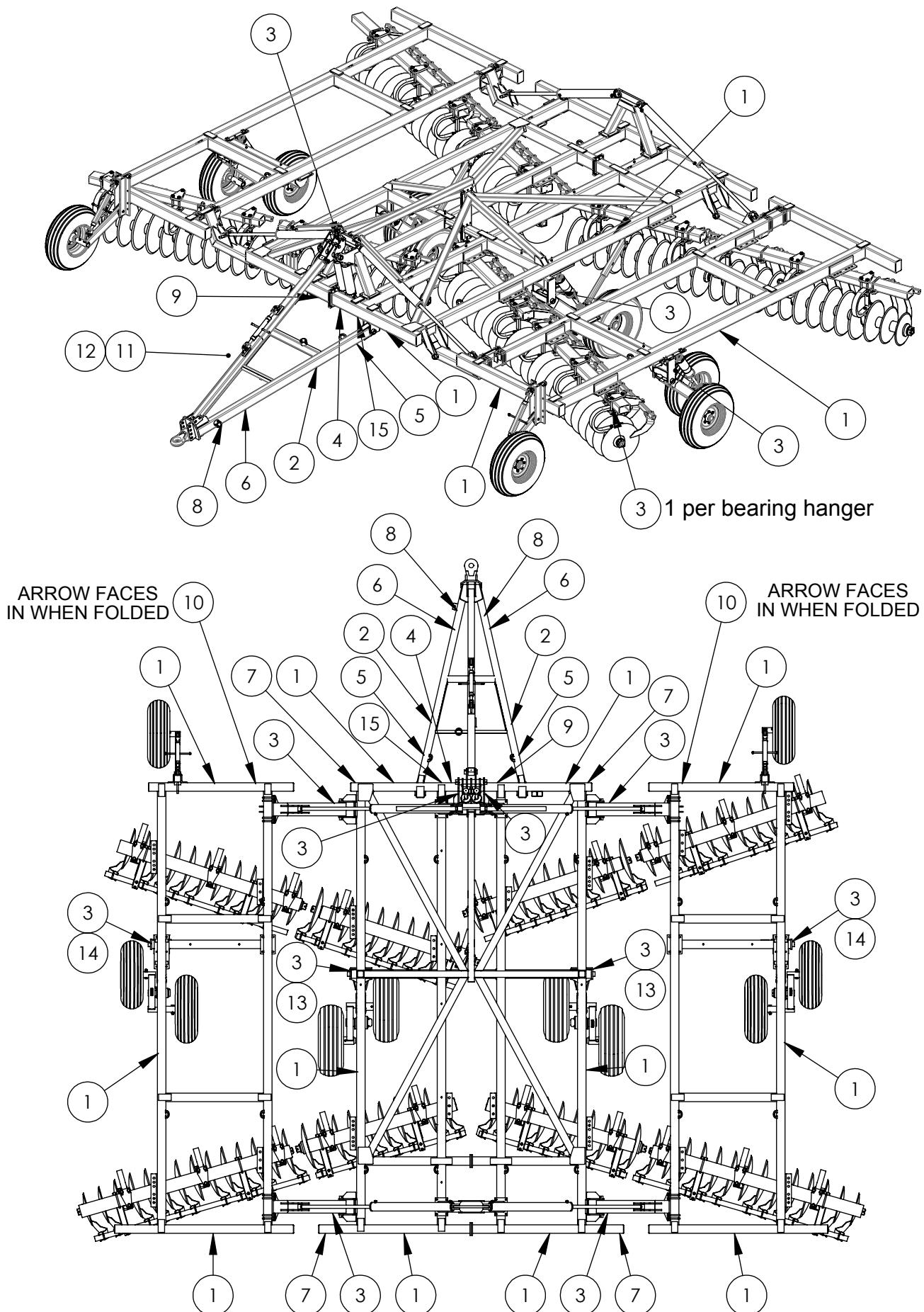


## Tow Hitch Installation

| ITEM | QTY | PART NO.      | DESCRIPTION                        |
|------|-----|---------------|------------------------------------|
| 1    | 1   | MD873         | COMPLETE 870 TOW HITCH KIT         |
| 2    | 1   | D10069        | TOW HITCH WELDMENT - 870 DISC      |
| 3    | 1   | C10859        | TOW HITCH INSERT                   |
| 4    | 1   | T00328        | AIR SEEDER TOW HITCH CLEVIS        |
| 5    | 6   | BU1046        | U-BOLT 5/8" x 4" x 7 1/2" LG.      |
| 6    | 1   | B1020         | 5/8 X 2" BOLT GR. 5 PLATED         |
| 7    | 1   | B0625         | 3/8"NC x 2 1/2" LG. HEX BOLT       |
| 8    | 13  | BN10L         | 5/8" NYLOCK NUT NC                 |
| 9    | 1   | H50064        | PIONEER HOSE HOLDER                |
| 10   | 1   | BN08L         | 1/2" NYLOCK NUT NC                 |
| 11   | 1   | GPSPEC16C1000 | RING & WASHER TOW HITCH SPRING PIN |
| 12   | 1   | C1072         | TOW HITCH PIN SPRING               |
| 13   | 1   | GM26          | 1" MACHINE BUSHING                 |
| 14   | 1   | BSR0415       | 1/4 X 1 1/2" ROLL PIN              |
| 15   | 1   | GP2000612B06  | 1 1/4"x 6 1/2" LG. PIN - 1 HOLE    |
| 16   | 1   | BN06L         | 3/8"-16NC LOCK NUT                 |
| 17   | 1   | GF1610        | 1/8" NPT GREASE FITTING            |
| 18   | 2   | BF07          | 7/16" FLATWASHER                   |



## Safety Decals



## Safety Decals

| ITEM | PART NO. | QTY. | DESCRIPTION                              |
|------|----------|------|--|
| 1    | GD100    | 12   | 4" x 16" SALFORD WITH BLACK BORDER       |
| 2    | GD102    | 2    | WWW.SALFORDMACHINE.COM                   |
| 3    | GD10840  | *    | GREASE EVERY 40 HOURS                    |
| 4    | GD112    | 1    | ATTENTION LUBRICATE                      |
| 5    | GD186    | 2    | MODEL '870'                              |
| 6    | GDSW2    | 2    | USE PROPER TOOL & READ MANUAL            |
| 7    | GDSW200  | 4    | OVERHEAD WING HAZARD                     |
| 8    | GDT3     | 2    | CRUSHING HAZARD, HITCHING IMPLEMENT      |
| 9    | GD110    | 1    | WARNING DON'T LIFT DECAL                 |
| 10   | GD144    | 2    | WING LOCK DECAL                          |
| 11   | GDSW4    | 1    | SAFE OPERATION LIST DECAL                |
| 12   | GDSW700  | 1    | WARNING HIGH PRESSURE FLUID HAZARD DECAL |
| 13   | GD194    | 2    | CAUTION 12.5L x 15 TIRE DECAL            |
| 14   | GD193    | 2    | CAUTION 11L x 15 TIRE DECAL              |
| 19   | ----     | 1    | SERIAL PLATE                             |

\* - VARIES BY MACHINE SIZE



GD100



GD102



GD10840



GD112



GD186



GDSW2



GDSW200



GDT3



GD110



GD144



GDSW4



GDSW700



GD194



GD193



SERIAL PLATE



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