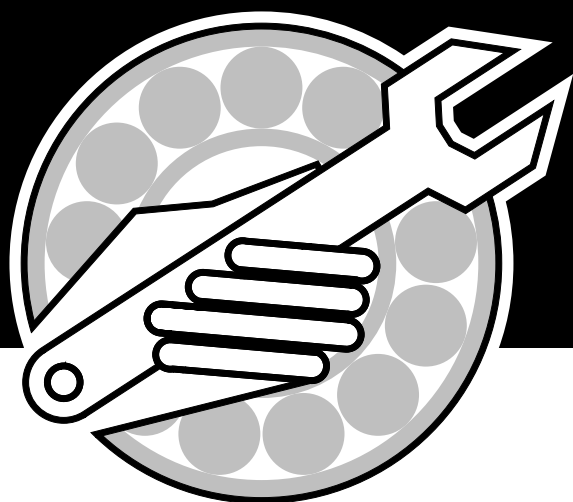




# Parts Manual



## Maxim II Air Drill

---

## **IMPORTANT:**

ALL ITEMS ARE IDENTIFIED WITH A PART NUMBER. Some of the smaller parts such as bolts, nuts, washers, etc. are not all shown, however, the quantity used are listed in the text for that section which they fit into. That particular quantity is always the quantity required for one complete assembly.

Smaller parts, which are welded together to construct a larger part, are not to be ordered as individual pieces, unless they have a part number to identify them.

Contact your nearest dealer for genuine repair parts. Dealers carry ample stock and are backed by the manufacturer and regional associations.

## **MORRIS PAINT**

### **Spray Cans:**

| <b>Part Number</b> | <b>Description</b>         |
|--------------------|----------------------------|
| W-4647 .....       | Red MORRIS Spray Can       |
| W-4648 .....       | Blue MORRIS Spray Can      |
| N31087 .....       | Sky White MORRIS Spray Can |

### **Litre Cans:**

| <b>Part Number</b> | <b>Description</b>      |
|--------------------|-------------------------|
| Z-10 .....         | Red MORRIS Paint/Litre  |
| Z-11 .....         | Blue MORRIS Paint/Litre |

---

# Table of Contents

---

## Section 1:

|                                                    |            |
|----------------------------------------------------|------------|
| <b>Hitching</b> .....                              | <b>1-1</b> |
| 29 ft Hitch Assembly .....                         | 1-2        |
| 34 ft Hitch Assembly .....                         | 1-4        |
| 39 ft Hitch Assembly .....                         | 1-6        |
| 49 ft Hitch Assembly - Prior to 4902084320 .....   | 1-8        |
| 49 ft Hitch Assembly - 4902084320 to Present ..... | 1-10       |
| 55 ft Hitch Assembly .....                         | 1-12       |
| 60 ft Hitch Assembly .....                         | 1-14       |
| Support Leg Assembly 49 ft .....                   | 1-16       |
| Support Leg Assembly 55 ft & 60 ft .....           | 1-18       |
| Safety Chain Mounting - 2009 .....                 | 1-20       |

## Section 2:

|                     |            |
|---------------------|------------|
| <b>Frames</b> ..... | <b>2-1</b> |
| 29 ft Frames .....  | 2-2        |
| 34 ft Frames .....  | 2-4        |
| 39 ft Frames .....  | 2-6        |
| 49 ft Frames .....  | 2-8        |
| 55 ft Frames .....  | 2-10       |
| 60 ft Frames .....  | 2-12       |

## Section 3:

|                                  |            |
|----------------------------------|------------|
| <b>Transport Axle</b> .....      | <b>3-1</b> |
| Main Frame Transport Axles ..... | 3-2        |

## Section 4:

|                                                                    |            |
|--------------------------------------------------------------------|------------|
| <b>Depth Control Linkage</b> .....                                 | <b>4-1</b> |
| Main Gauge Wheel .....                                             | 4-2        |
| Right Gauge Wheel 29 ft, 39 ft, 49 ft & 55ft Outer Wing .....      | 4-4        |
| Left Gauge Wheel 29 ft, 39 ft, 49 ft & 55ft Outer Wing .....       | 4-6        |
| Right Gauge Wheel 34 ft, 49 ft Inner Wing & 60 ft Outer Wing ..... | 4-8        |
| Left Gauge Wheel 34 ft, 49 ft Inner Wing & 60 ft Outer Wing .....  | 4-10       |
| Right Gauge Wheel 55 ft & 60 ft Inner Wing .....                   | 4-12       |
| Left Gauge Wheel 55 ft & 60 ft Inner Wing .....                    | 4-14       |

## Section 5:

|                                                                                  |            |
|----------------------------------------------------------------------------------|------------|
| <b>Packer Gangs</b> .....                                                        | <b>5-1</b> |
| 7.5" Spacing - 2" Steel Wheels - Prior to September 2008 .....                   | 5-2        |
| 7.5" Spacing - 2" Steel Wheels - September 2008 to Present .....                 | 5-4        |
| 7.5" Spacing - 2" Rubber .....                                                   | 5-6        |
| 7.5" Spacing - Left Side - 3.5" Steel or Rubber - Prior to September 2008 .....  | 5-8        |
| 7.5" Spacing - Right Side - 3.5" Steel or Rubber - Prior to September 2008 ..... | 5-10       |
| 7.5" Spacing - 3.5" Steel or Rubber - September 2008 to Present .....            | 5-12       |
| 10" Spacing - 2" Steel - Prior to September 2008 .....                           | 5-14       |
| 10" Spacing - 2" Steel - September 2008 to Present .....                         | 5-16       |
| 10" Spacing - 3.5" Steel or Rubber - Prior to September 2008 .....               | 5-18       |
| 10" Spacing - 3.5" Steel or Rubber - September 2008 to Present .....             | 5-20       |
| 10" Spacing - 4.5" Steel or Rubber - Prior to September 2008 .....               | 5-22       |
| 10" Spacing - 4.5" Steel or Rubber - September 2008 to Present .....             | 5-24       |
| 12" Spacing - 3.5" Steel or Rubber - Prior to September 2008 .....               | 5-26       |
| 12" Spacing - 3.5" Steel or Rubber - September 2008 to Present .....             | 5-28       |
| 12" Spacing - 4.5" Steel or Rubber - Prior to September 2008 .....               | 5-30       |
| 12" Spacing - 4.5" Steel or Rubber - September 2008 to Present .....             | 5-32       |
| Mud Scrapers .....                                                               | 5-34       |
| Mud Scraper - Universal .....                                                    | 5-36       |

# Table of Contents

---

## Section 6:

|                                 |            |
|---------------------------------|------------|
| <b>Wing Lift Assembly .....</b> | <b>6-1</b> |
| 29 ft Model .....               | 6-2        |
| 34 ft & 39 ft Models .....      | 6-4        |
| 49 ft Model .....               | 6-6        |
| 55 ft Model .....               | 6-8        |
| 60 ft Model .....               | 6-10       |
| Wing Latch .....                | 6-12       |

## Section 7:

|                                                           |            |
|-----------------------------------------------------------|------------|
| <b>Wheels .....</b>                                       | <b>7-1</b> |
| Transport Wheels & Hubs 29 ft & 34 ft .....               | 7-2        |
| Transport Wheels & Hubs 39 ft, 49 ft, 55 ft & 60 ft ..... | 7-3        |
| Main Gauge Wheels & Hubs - 29', 34', 39' and 49' .....    | 7-4        |
| Main Gauge Wheels & Hubs - 55' and 60' .....              | 7-6        |
| Wing Gauge - Dual Axle - August 2009 to present .....     | 7-8        |
| Wing Gauge - Dual Axle - Prior to August 2009 .....       | 7-9        |
| Wing Gauge - Single Axle .....                            | 7-10       |

## Section 8:

|                                              |            |
|----------------------------------------------|------------|
| <b>Depth Control Hydraulics .....</b>        | <b>8-1</b> |
| 29 ft & 34 ft Models .....                   | 8-2        |
| 39 ft Models - October 2006 to Present ..... | 8-4        |
| 39 ft Models - Prior to October 2006 .....   | 8-6        |
| 49 ft Models .....                           | 8-8        |
| 55 ft & 60 ft Models .....                   | 8-10       |

## Section 9:

|                                           |            |
|-------------------------------------------|------------|
| <b>Wing Lift Hydraulics .....</b>         | <b>9-1</b> |
| 29 ft, 34 ft & 39 ft Models .....         | 9-2        |
| 49 ft Models - Prior to June 2002 .....   | 9-4        |
| 49 ft Models - June 2002 to Present ..... | 9-6        |
| 55 ft & 60 ft Models .....                | 9-8        |

## Section 10:

|                                  |             |
|----------------------------------|-------------|
| <b>Hydraulic Cylinders .....</b> | <b>10-1</b> |
| Depth Control .....              | 10-2        |
| Wing Lift .....                  | 10-4        |

## Section 11:

|                             |             |
|-----------------------------|-------------|
| <b>Trip Assembly .....</b>  | <b>11-1</b> |
| 400 lb Spring Cushion ..... | 11-2        |
| 400HD Spring Cushion .....  | 11-4        |

## Section 12:

|                                 |             |
|---------------------------------|-------------|
| <b>Options .....</b>            | <b>12-1</b> |
| NH3 Hitch Assembly .....        | 12-2        |
| Quad Steer Hitch Assembly ..... | 12-4        |
| Harrow Arm Assembly .....       | 12-6        |
| 4 1/2 ft Harrow Head .....      | 12-7        |
| 6 ft Harrow Head .....          | 12-8        |

## Section 13:

|                                    |             |
|------------------------------------|-------------|
| <b>Lighting &amp; Decals .....</b> | <b>13-1</b> |
| Safety Lights .....                | 13-2        |
| Decal Locations .....              | 13-4        |

|                    |                |
|--------------------|----------------|
| <b>Index .....</b> | <b>Index-i</b> |
|--------------------|----------------|

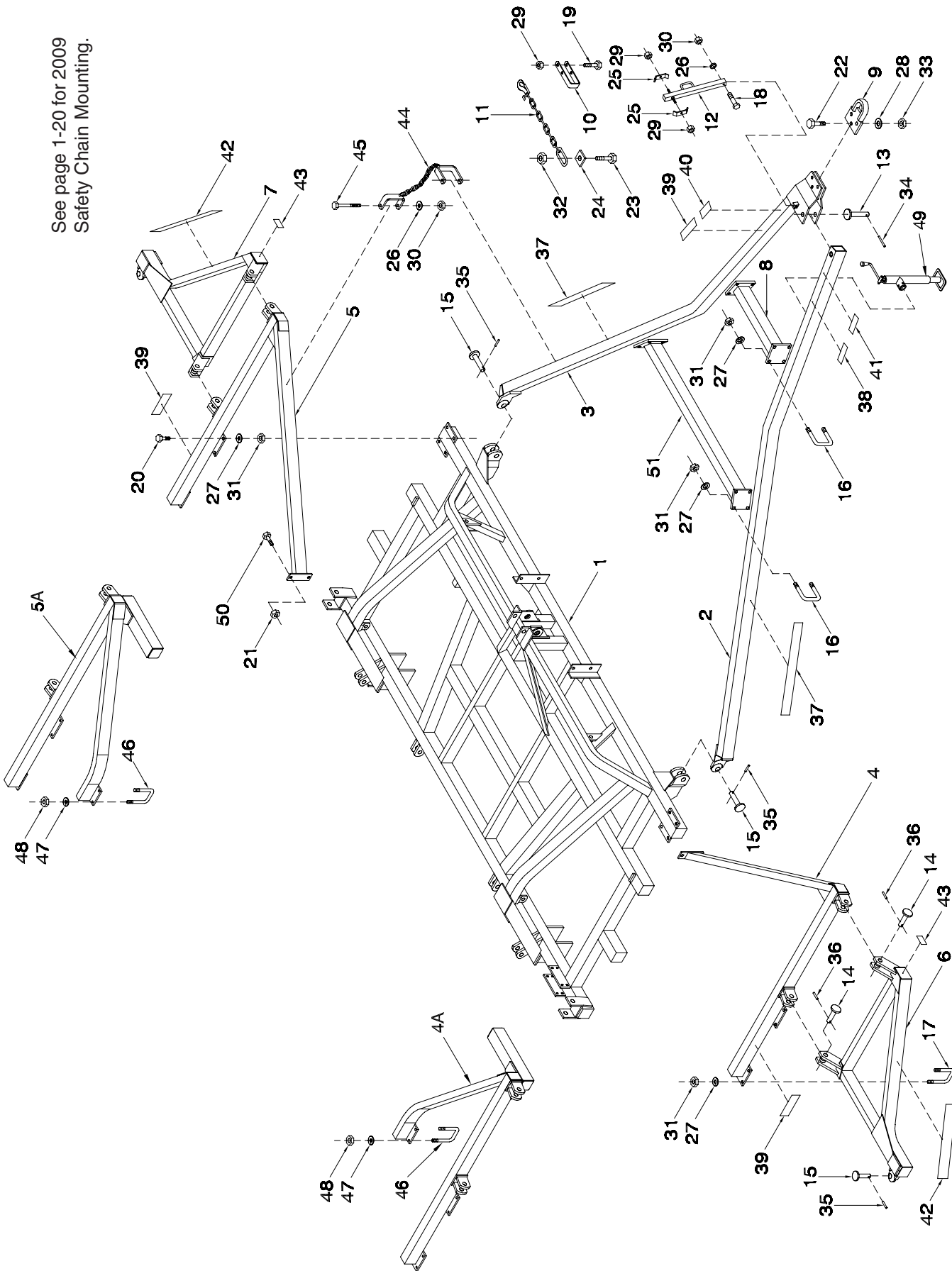
# Section 1: Hitching

## Section Contents

|                                                    |      |
|----------------------------------------------------|------|
| 29 ft Hitch Assembly .....                         | 1-2  |
| 34 ft Hitch Assembly .....                         | 1-4  |
| 39 ft Hitch Assembly .....                         | 1-6  |
| 49 ft Hitch Assembly - Prior to 4902084320 .....   | 1-8  |
| 49 ft Hitch Assembly - 4902084320 to Present ..... | 1-10 |
| 55 ft Hitch Assembly .....                         | 1-12 |
| 60 ft Hitch Assembly .....                         | 1-14 |
| Support Leg Assembly 49 ft .....                   | 1-16 |
| Support Leg Assembly 55 ft & 60 ft .....           | 1-18 |
| Safety Chain Mounting - 2009 .....                 | 1-20 |

# Hitching 29 ft Hitch Assembly

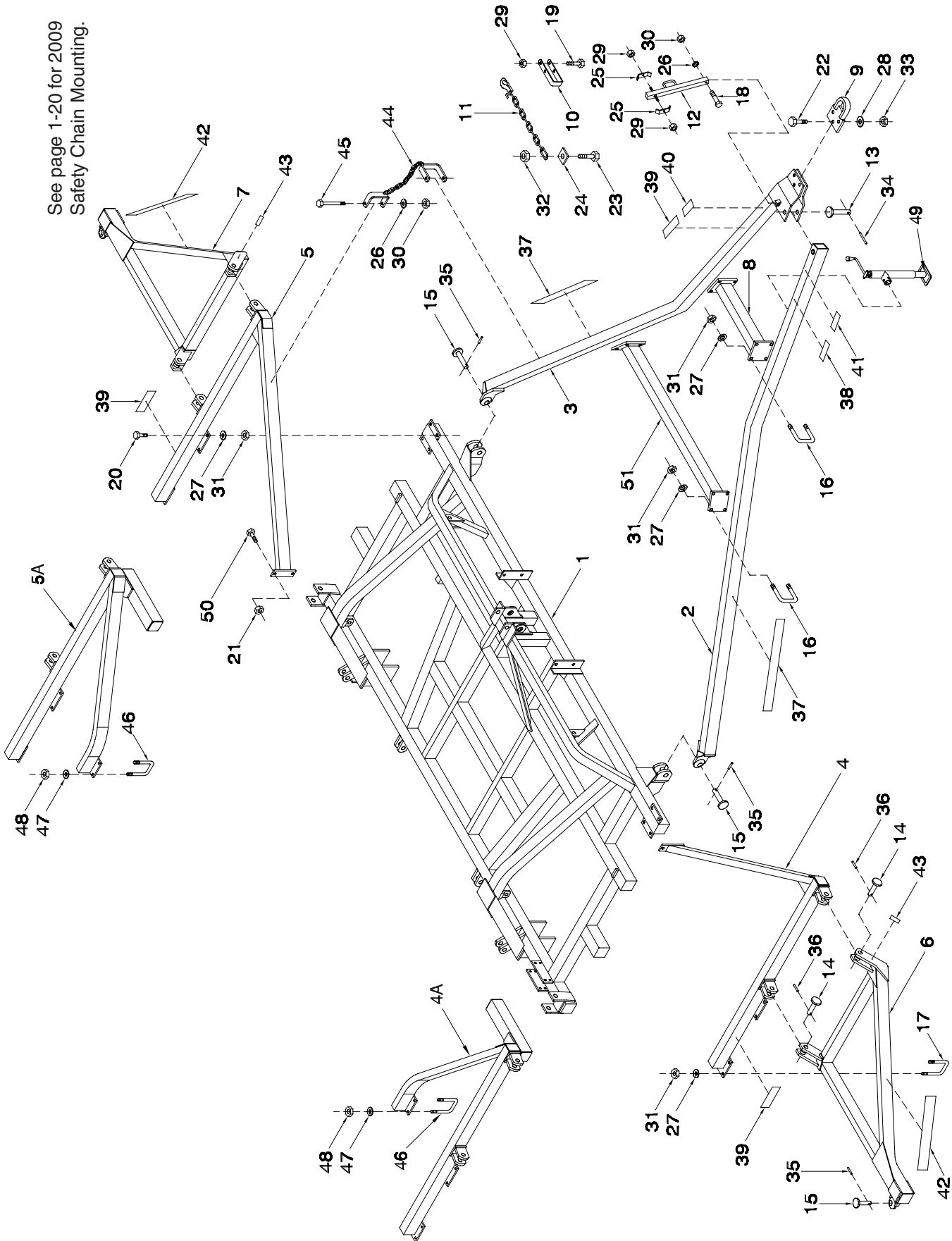
See page 1-20 for 2009  
Safety Chain Mounting.



## Hitching - 29 ft Hitch Assembly

| Item | Part No. | Description                                                                    | Qty |
|------|----------|--------------------------------------------------------------------------------|-----|
| 1    | S22070   | Main Frame .....                                                               | 1   |
| 2    | S22378   | Right Hitch Pole .....                                                         | 1   |
| 3    | S22377   | Left Hitch Pole .....                                                          | 1   |
| 4    | S22295   | Right Hitch Brace (7 1/2 Inch Spacing) .....                                   | 1   |
| 4A   | S28603   | Right Hitch Brace (10 and 12 Inch Spacing) .....                               | 1   |
| 5    | S22296   | Left Hitch Brace (7 1/2 Inch Spacing) .....                                    | 1   |
| 5A   | S28604   | Left Hitch Brace (10 and 12 Inch Spacing) .....                                | 1   |
| 6    | S22714   | Right Hitch Truss .....                                                        | 1   |
| 7    | S22715   | Left Hitch Truss .....                                                         | 1   |
| 8    | C21631   | Cross Brace .....                                                              | 1   |
| 9    | C-4438   | Hitch Clevis .....                                                             | 1   |
| 10   | C18758   | Support - Safety Chain .....                                                   | 1   |
| 11   | C18761   | Safety Chain .....                                                             | 1   |
| 12   | C26323   | Hose Holder .....                                                              | 2   |
| 13   | F-3645   | Pin - 1 x 5 1/4 UL .....                                                       | 1   |
| 14   | C14714   | Pin - 1 1/4 x 4 1/8 UL .....                                                   | 4   |
| 15   | C18531   | Pin - 1 3/8 x 3 5/8 UL .....                                                   | 4   |
| 16   | C15252   | U-Bolt - 5/8 x 4 1/32 x 4 3/8 .....                                            | 4   |
| 17   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 .....                                                | 2   |
| 18   | W-490    | Hex Bolt - 1/2 x 2 1/2 .....                                                   | 1   |
| 19   | D-5519   | Hex Bolt - 1/2 x 3 1/4 .....                                                   | 1   |
| 20   | D12164   | Hex Bolt - 5/8 x 2 - Gr 8 .....                                                | 8   |
| 21   | W14434   | Serrated Locknut - 5/8 .....                                                   | 4   |
| 22   | W-63     | Hex Bolt - 3/4 x 3 .....                                                       | 2   |
| 23   | D-5256   | Hex Bolt - 3/4 x 4 .....                                                       | 1   |
| 24   | C18757   | Retaining Washer .....                                                         | 1   |
| 25   | C26321   | Clamp Plate - Hose Holder .....                                                | 2   |
| 26   | W-525    | Lockwasher - 1/2 .....                                                         | 5   |
| 27   | W-526    | Lockwasher - 5/8 .....                                                         | 20  |
| 28   | W-527    | Lockwasher - 3/4 .....                                                         | 2   |
| 29   | F-3405   | Locknut - 1/2 .....                                                            | 3   |
| 30   | W-516    | Hex Nut - 1/2 .....                                                            | 5   |
| 31   | W-517    | Hex Nut - 5/8 .....                                                            | 20  |
| 32   | D-5273   | Locknut - 3/4 .....                                                            | 1   |
| 33   | W-518    | Hex Nut - 3/4 .....                                                            | 2   |
| 34   | D-5244   | Roll Pin - 1/4 x 2 .....                                                       | 1   |
| 35   | J12281   | Spring Pin - 5/16 x 2 HD .....                                                 | 4   |
| 36   | P106023  | Spiral Pin - 3/8 x 2 HD .....                                                  | 4   |
| 37   | C-3902   | Decal - "MORRIS" .....                                                         | 2   |
| 38   | C-4262   | Decal - "Caution" .....                                                        | 1   |
| 39   | C13704   | Decal - "Danger" .....                                                         | 3   |
| 40   | N24301   | Decal - "Caution" .....                                                        | 1   |
| 41   | S22441   | Decal - "Caution" .....                                                        | 1   |
| 42   | S33479   | Decal - "MAXIM II" .....                                                       | 2   |
| 43   | S34477   | Reflector - Amber .....                                                        | 6   |
| 44   | S22722   | Stabilizer Chain .....                                                         | 2   |
| 45   | W-496    | Hex Bolt - 1/2 x 5 1/2 .....                                                   | 4   |
| 46   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 (For Harrows and Fertilizer Coulter Kits only) ..... | 4   |
| 47   | W-526    | Lockwasher - 5/8 (For Harrows and Fertilizer Coulter Kits only) .....          | 8   |
| 48   | W-517    | Hex Nut - 5/8 (For Harrows and Fertilizer Coulter Kits only) .....             | 8   |
| 49   | S39391   | Hitch Jack - Top Wind (2TMX-15-0X) .....                                       | 1   |
| 50   | S31736   | Hex Bolt - 5/8 x 2 1/2 - Gr 8 .....                                            | 4   |
| 51   | S40465   | Cross Brace (Optional) .....                                                   | 1   |

# Hitching 34 ft Hitch Assembly

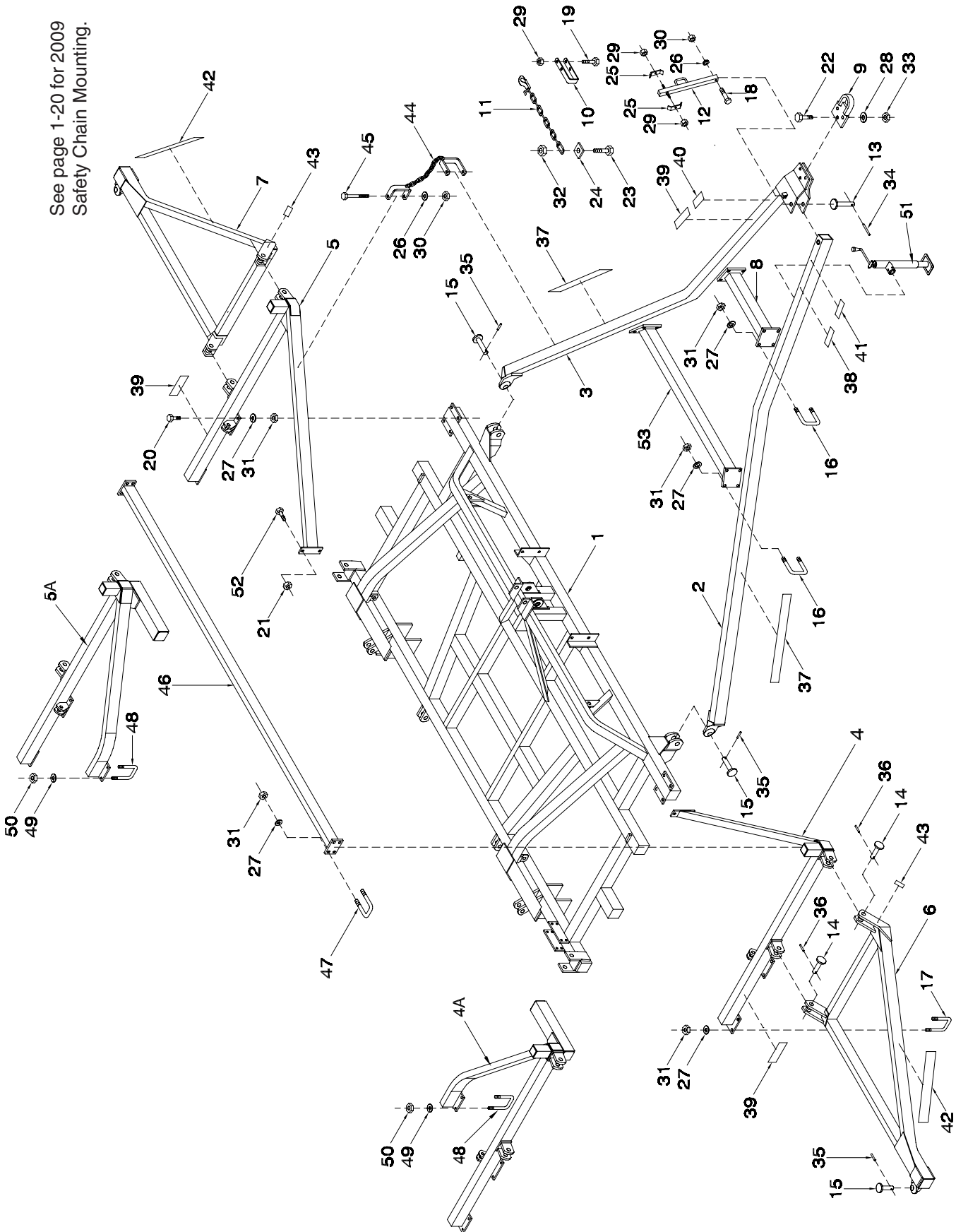


## Hitching - 34 ft Hitch Assembly

| Item | Part No. | Description                                                       | Qty |
|------|----------|-------------------------------------------------------------------|-----|
| 1    | S22070   | Main Frame .....                                                  | 1   |
| 2    | S22378   | Right Hitch Pole .....                                            | 1   |
| 3    | S22377   | Left Hitch Pole .....                                             | 1   |
| 4    | S22295   | Right Hitch Brace (7 1/2 Inch Spacing and NH3 Coulter) .....      | 1   |
| 4A   | S28603   | Right Hitch Brace (10 and 12 Inch Spacing and Harrows Kits) ..... | 1   |
| 5    | S22296   | Left Hitch Brace (7 1/2 Inch Spacing and NH3 Coulter) .....       | 1   |
| 5A   | S28604   | Left Hitch Brace (10 and 12 Inch Spacing and Harrows Kits) .....  | 1   |
| 6    | S22110   | Right Hitch Truss .....                                           | 1   |
| 7    | S22112   | Left Hitch Truss .....                                            | 1   |
| 8    | C21631   | Cross Brace .....                                                 | 1   |
| 9    | C-4438   | Hitch Clevis .....                                                | 1   |
| 10   | C18758   | Support - Safety Chain .....                                      | 1   |
| 11   | C18761   | Safety Chain .....                                                | 1   |
| 12   | C26323   | Hose Holder .....                                                 | 2   |
| 13   | F-3645   | Pin - 1 x 5 1/4 UL .....                                          | 1   |
| 14   | C14714   | Pin - 1 1/4 x 4 1/8 UL .....                                      | 4   |
| 15   | C18531   | Pin - 1 3/8 x 3 5/8 UL .....                                      | 4   |
| 16   | C15252   | U-Bolt - 5/8 x 4 1/32 x 4 3/8 .....                               | 4   |
| 17   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 .....                                   | 2   |
| 18   | W-490    | Hex Bolt - 1/2 x 2 1/2 .....                                      | 1   |
| 19   | D-5519   | Hex Bolt - 1/2 x 3 1/4 .....                                      | 1   |
| 20   | D12164   | Hex Bolt - 5/8 x 2 - Gr 8 .....                                   | 8   |
| 21   | W14434   | Serrated Locknut - 5/8 .....                                      | 4   |
| 22   | W-63     | Hex Bolt - 3/4 x 3 .....                                          | 2   |
| 23   | D-5256   | Hex Bolt - 3/4 x 4 .....                                          | 1   |
| 24   | C18757   | Retaining Washer .....                                            | 1   |
| 25   | C26321   | Clamp Plate - Hose Holder .....                                   | 2   |
| 26   | W-525    | Lockwasher - 1/2 .....                                            | 5   |
| 27   | W-526    | Lockwasher - 5/8 .....                                            | 20  |
| 28   | W-527    | Lockwasher - 3/4 .....                                            | 2   |
| 29   | F-3405   | Locknut - 1/2 .....                                               | 3   |
| 30   | W-516    | Hex Nut - 1/2 .....                                               | 5   |
| 31   | W-517    | Hex Nut - 5/8 .....                                               | 20  |
| 32   | D-5273   | Locknut - 3/4 .....                                               | 1   |
| 33   | W-518    | Hex Nut - 3/4 .....                                               | 2   |
| 34   | D-5244   | Roll Pin - 1/4 x 2 .....                                          | 1   |
| 35   | J12281   | Spring Pin - 5/16 x 2 HD .....                                    | 4   |
| 36   | P106023  | Spiral Pin - 3/8 x 2 HD .....                                     | 4   |
| 37   | C-3902   | Decal - "MORRIS" .....                                            | 2   |
| 38   | C-4262   | Decal - "Caution" .....                                           | 1   |
| 39   | C13704   | Decal - "Danger" .....                                            | 3   |
| 40   | N24301   | Decal - "Caution" .....                                           | 1   |
| 41   | S22441   | Decal - "Caution" .....                                           | 1   |
| 42   | S33479   | Decal - "MAXIM II" .....                                          | 2   |
| 43   | S34477   | Reflector - Amber .....                                           | 6   |
| 44   | S22722   | Stabilizer Chain .....                                            | 2   |
| 45   | W-496    | Hex Bolt - 1/2 x 5 1/2 .....                                      | 4   |
| 46   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 (For Harrows Kits only) .....           | 4   |
| 47   | W-526    | Lockwasher - 5/8 (For Harrows Kits only) .....                    | 8   |
| 48   | W-517    | Hex Nut - 5/8 (For Harrows Kits only) .....                       | 8   |
| 49   | S39391   | Hitch Jack - Top Wind (2TMX-15-0X) .....                          | 1   |
| 50   | S31736   | Hex Bolt - 5/8 x 2 1/2 - Gr 8 .....                               | 4   |
| 51   | S40465   | Cross Brace (Optional) .....                                      | 1   |

# Hitching 39 ft Hitch Assembly

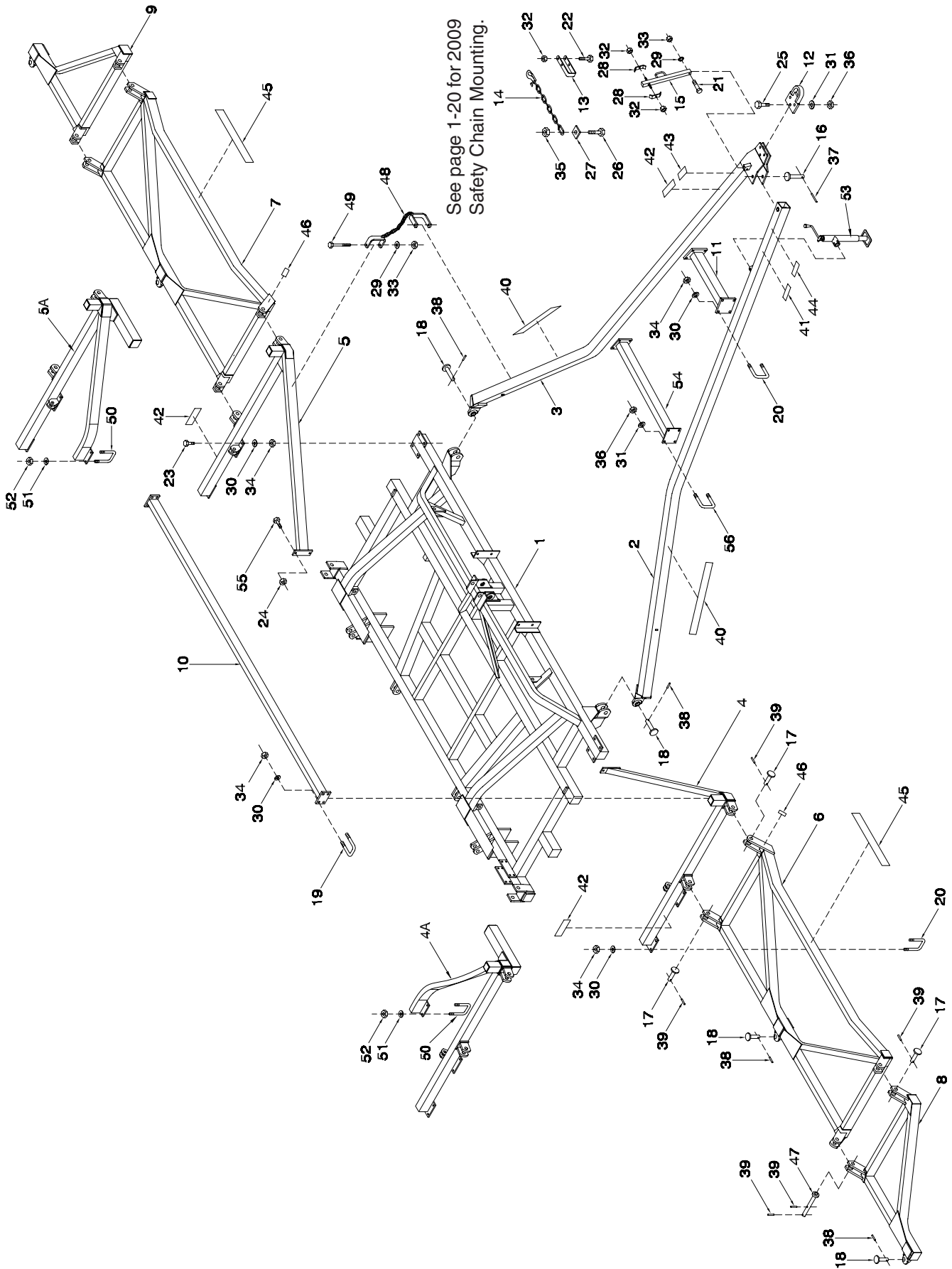
See page 1-20 for 2009  
Safety Chain Mounting.



## Hitching - 39 ft Hitch Assembly

| Item | Part No. | Description                                                                    | Qty |
|------|----------|--------------------------------------------------------------------------------|-----|
| 1    | S22070   | Main Frame .....                                                               | 1   |
| 2    | S22378   | Right Hitch Pole .....                                                         | 1   |
| 3    | S22377   | Left Hitch Pole .....                                                          | 1   |
| 4    | S22295   | Right Hitch Brace (7 1/2 Inch Spacing) .....                                   | 1   |
| 4A   | S28609   | Right Hitch Brace (10 and 12 Inch Spacing) .....                               | 1   |
| 5    | S22296   | Left Hitch Brace (7 1/2 Inch Spacing) .....                                    | 1   |
| 5A   | S28610   | Left Hitch Brace (10 and 12 Inch Spacing) .....                                | 1   |
| 6    | S22443   | Right Hitch Truss .....                                                        | 1   |
| 7    | S22444   | Left Hitch Truss .....                                                         | 1   |
| 8    | C21631   | Cross Brace .....                                                              | 1   |
| 9    | C-4438   | Hitch Clevis .....                                                             | 1   |
| 10   | C18758   | Support - Safety Chain .....                                                   | 1   |
| 11   | C18761   | Safety Chain .....                                                             | 1   |
| 12   | C26323   | Hose Holder .....                                                              | 2   |
| 13   | F-3645   | Pin - 1 x 5 1/4 UL .....                                                       | 1   |
| 14   | C14714   | Pin - 1 1/4 x 4 1/8 UL .....                                                   | 4   |
| 15   | C18531   | Pin - 1 3/8 x 3 5/8 UL .....                                                   | 4   |
| 16   | C15252   | U-Bolt - 5/8 x 4 1/32 x 4 3/8 .....                                            | 4   |
| 17   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 .....                                                | 2   |
| 18   | W-490    | Hex Bolt - 1/2 x 2 1/2 .....                                                   | 1   |
| 19   | D-5519   | Hex Bolt - 1/2 x 3 1/4 .....                                                   | 1   |
| 20   | D12164   | Hex Bolt - 5/8 x 2 - Gr 8 .....                                                | 8   |
| 21   | W14434   | Serrated Locknut - 5/8 .....                                                   | 4   |
| 22   | W-63     | Hex Bolt - 3/4 x 3 .....                                                       | 2   |
| 23   | D-5256   | Hex Bolt - 3/4 x 4 .....                                                       | 1   |
| 24   | C18757   | Retaining Washer .....                                                         | 1   |
| 25   | C26321   | Clamp Plate - Hose Holder .....                                                | 2   |
| 26   | W-525    | Lockwasher - 1/2 .....                                                         | 5   |
| 27   | W-526    | Lockwasher - 5/8 .....                                                         | 28  |
| 28   | W-527    | Lockwasher - 3/4 .....                                                         | 2   |
| 29   | F-3405   | Locknut - 1/2 .....                                                            | 3   |
| 30   | W-516    | Hex Nut - 1/2 .....                                                            | 5   |
| 31   | W-517    | Hex Nut - 5/8 .....                                                            | 28  |
| 32   | D-5273   | Locknut - 3/4 .....                                                            | 1   |
| 33   | W-518    | Hex Nut - 3/4 .....                                                            | 2   |
| 34   | D-5244   | Roll Pin - 1/4 x 2 .....                                                       | 1   |
| 35   | J12281   | Spiral Pin - 5/16 x 2 HD .....                                                 | 4   |
| 36   | P106023  | Spring Pin - 3/8 x 2 HD .....                                                  | 4   |
| 37   | C-3902   | Decal - "MORRIS" .....                                                         | 2   |
| 38   | C-4262   | Decal - "Caution" .....                                                        | 1   |
| 39   | C13704   | Decal - "Danger" .....                                                         | 3   |
| 40   | N24301   | Decal - "Caution" .....                                                        | 1   |
| 41   | S22441   | Decal - "Caution" .....                                                        | 1   |
| 42   | S33479   | Decal - "MAXIM II" .....                                                       | 2   |
| 43   | S34477   | Reflector - Amber .....                                                        | 6   |
| 44   | S22722   | Stabilizer Chain .....                                                         | 2   |
| 45   | W-496    | Hex Bolt - 1/2 X 5 1/2 .....                                                   | 4   |
| 46   | S22231   | Cross Brace Tube .....                                                         | 1   |
| 47   | F14331   | U-Bolt - 5/8 x 3 1/16 x 4 5/8 .....                                            | 4   |
| 48   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 (For Harrows and Fertilizer Coulter Kits only) ..... | 4   |
| 49   | W-526    | Lockwasher - 5/8 (For Harrows and Fertilizer Coulter Kits only) .....          | 8   |
| 50   | W-517    | Hex Nut - 5/8 (For Harrows and Fertilizer Coulter Kits only) .....             | 8   |
| 51   | S39391   | Hitch Jack - Top Wind (2TMX-15-0X) .....                                       | 1   |
| 52   | S31736   | Hex Bolt - 5/8 x 2 1/2 - Gr 8 .....                                            | 4   |
| 53   | S40465   | Cross Brace (Optional) .....                                                   | 1   |

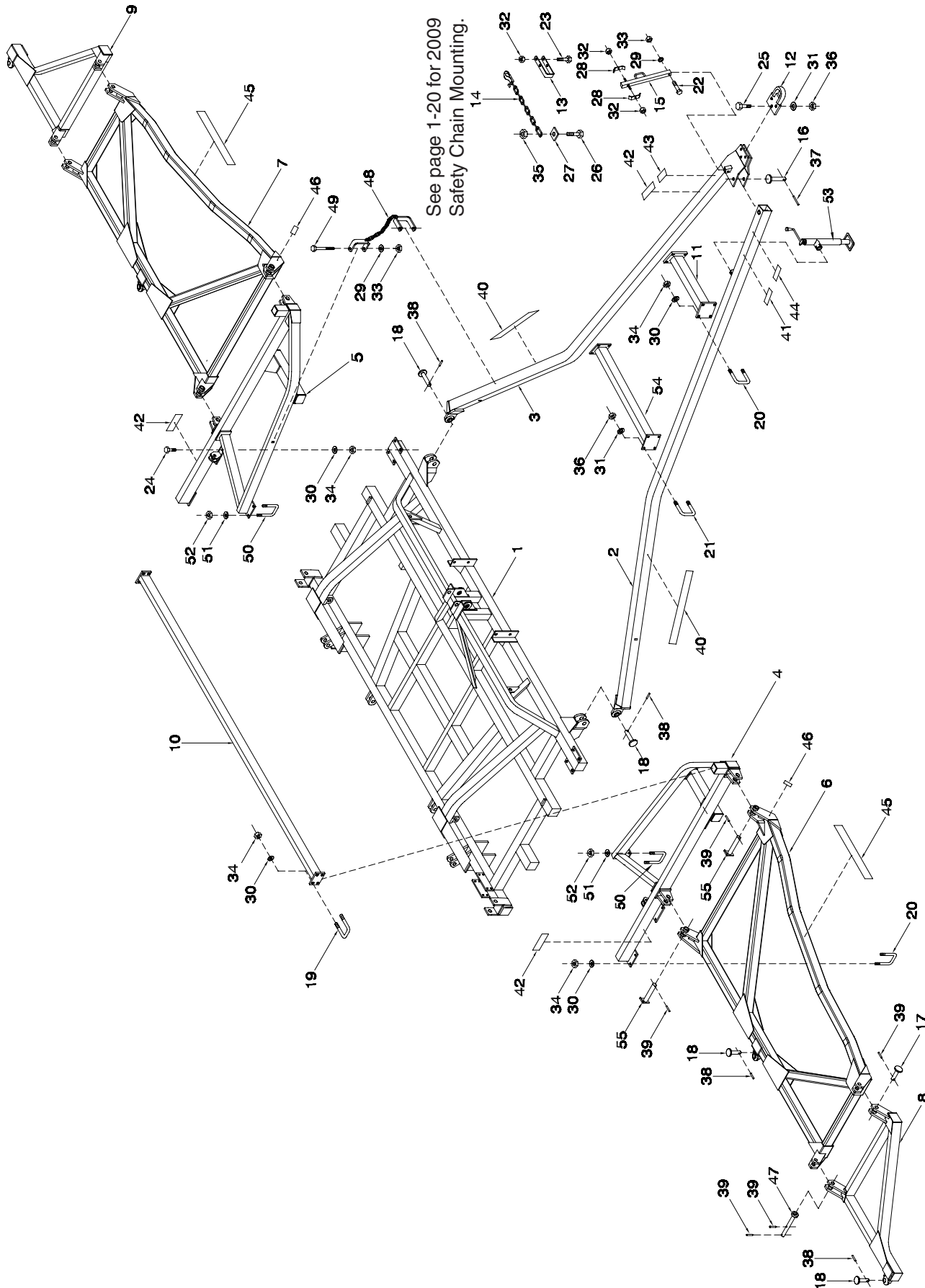
# Hitching 49 ft Hitch Assembly - Prior to 4902084320



## Hitching - 49 ft Hitch Assembly - Prior to 4902084320

| Item | Part No. | Description                                                                    | Qty |
|------|----------|--------------------------------------------------------------------------------|-----|
| 1    | S33590   | Main Frame .....                                                               | 1   |
| 2    | S22380   | Right Hitch Pole .....                                                         | 1   |
| 3    | S22379   | Left Hitch Pole .....                                                          | 1   |
| 4    | S22295   | Right Hitch Brace (7 1/2 Inch Spacing) .....                                   | 1   |
| 4A   | S28609   | Right Hitch Brace (10 and 12 Inch Spacing) .....                               | 1   |
| 5    | S22296   | Left Hitch Brace (7 1/2 Inch Spacing) .....                                    | 1   |
| 5A   | S28610   | Left Hitch Brace (10 and 12 Inch Spacing) .....                                | 1   |
| 6    | S22098   | Right Inner Hitch Truss .....                                                  | 1   |
| 7    | S22099   | Left Inner Hitch Truss .....                                                   | 1   |
| 8    | S22100   | Right Outer Hitch Truss .....                                                  | 1   |
| 9    | S22101   | Left Outer Hitch Truss .....                                                   | 1   |
| 10   | S22231   | Hitch Tube - Brace .....                                                       | 1   |
| 11   | C21631   | Cross Brace .....                                                              | 1   |
| 12   | C-4438   | Hitch Clevis .....                                                             | 1   |
| 13   | C18758   | Support - Safety Chain .....                                                   | 1   |
| 14   | C18761   | Safety Chain .....                                                             | 1   |
| 15   | C26323   | Hose Holder .....                                                              | 1   |
| 16   | F-3645   | Pin - 1 x 5 1/4 UL .....                                                       | 1   |
| 17   | C14714   | Pin - 1 1/4 x 4 1/8 UL .....                                                   | 4   |
| 18   | C18531   | Pin - 1 3/8 x 3 5/8 UL .....                                                   | 6   |
| 19   | F14331   | U-Bolt - 5/8 x 3 1/16 x 4 5/8 .....                                            | 4   |
| 20   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 .....                                                | 6   |
| 21   | W-490    | Hex Bolt - 1/2 x 2 1/2 .....                                                   | 1   |
| 22   | D-5519   | Hex Bolt - 1/2 x 3 1/4 .....                                                   | 1   |
| 23   | D12164   | Hex Bolt - 5/8 x 2 - Gr 8 .....                                                | 8   |
| 24   | W14434   | Serrated Locknut - 5/8 .....                                                   | 4   |
| 25   | W-63     | Hex Bolt - 3/4 x 3 .....                                                       | 2   |
| 26   | D-5256   | Hex Bolt - 3/4 x 4 .....                                                       | 1   |
| 27   | C18757   | Retaining Washer .....                                                         | 1   |
| 28   | C26321   | Clamp Plate - Hose Holder .....                                                | 2   |
| 29   | W-525    | Lockwasher - 1/2 .....                                                         | 5   |
| 30   | W-526    | Lockwasher - 5/8 .....                                                         | 28  |
| 31   | W-527    | Lockwasher - 3/4 .....                                                         | 10  |
| 32   | F-3405   | Locknut - 1/2 .....                                                            | 3   |
| 33   | W-516    | Hex Nut - 1/2 .....                                                            | 5   |
| 34   | W-517    | Hex Nut - 5/8 .....                                                            | 28  |
| 35   | D-5273   | Locknut - 3/4 .....                                                            | 1   |
| 36   | W-518    | Hex Nut - 3/4 .....                                                            | 10  |
| 37   | D-5244   | Roll Pin - 1/4 x 2 .....                                                       | 1   |
| 38   | J12281   | Spring Pin - 5/16 x 2 HD .....                                                 | 6   |
| 39   | P106023  | Spiral Pin - 3/8 x 2 HD .....                                                  | 12  |
| 40   | C-3902   | Decal - "MORRIS" .....                                                         | 2   |
| 41   | C-4262   | Decal - "Caution" .....                                                        | 1   |
| 42   | C13704   | Decal - "Danger" .....                                                         | 3   |
| 43   | N24301   | Decal - "Caution" .....                                                        | 1   |
| 44   | S22441   | Decal - "Caution" .....                                                        | 1   |
| 45   | S33479   | Decal - "MAXIM II" .....                                                       | 2   |
| 46   | S34477   | Reflector - Amber .....                                                        | 6   |
| 47   | S22051   | Leg Pivot Pin .....                                                            | 2   |
| 48   | S22722   | Stabilizer Chain .....                                                         | 2   |
| 49   | W-496    | Hex Bolt - 1/2 x 5 1/2 .....                                                   | 4   |
| 50   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 (For Harrows and Fertilizer Coulter Kits only) ..... | 4   |
| 51   | W-526    | Lockwasher - 5/8 (For Harrows and Fertilizer Coulter Kits only) .....          | 8   |
| 52   | W-517    | Hex Nut - 5/8 (For Harrows and Fertilizer Coulter Kits only) .....             | 8   |
| 53   | S39391   | Hitch Jack - Top Wind (2TMX-15-0X) .....                                       | 1   |
| 54   | S31186   | Cross Brace - Five Frame .....                                                 | 1   |
| 55   | S31736   | Hex Bolt - 5/8 x 2 1/2 - Gr 8 .....                                            | 4   |
| 56   | C-5561   | U-Bolt - 3/4 x 4 x 5 9/16 .....                                                | 4   |

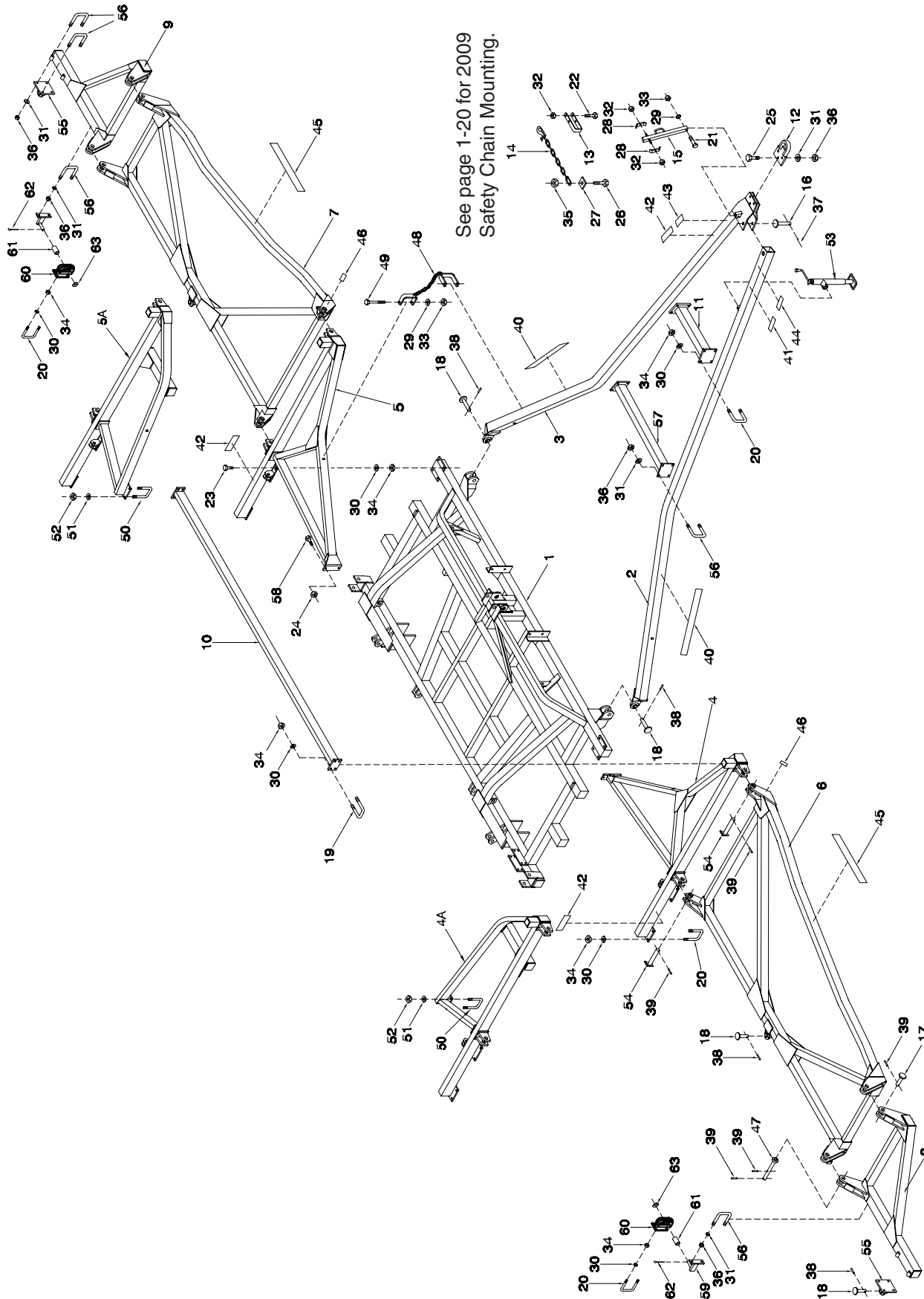
# Hitching 49 ft Hitch Assembly - 4902084320 to Present



## Hitching - 49 ft Hitch Assembly - 4902084320 to Present

| Item | Part No. | Description                              | Qty |
|------|----------|------------------------------------------|-----|
| 1    | S33590   | Main Frame .....                         | 1   |
| 2    | S22380   | Right Hitch Pole .....                   | 1   |
| 3    | S22379   | Left Hitch Pole .....                    | 1   |
| 4    | S32571   | Right Hitch Brace .....                  | 1   |
| 5    | S32570   | Left Hitch Brace .....                   | 1   |
| 6    | S44268   | Right Inner Hitch Truss .....            | 1   |
| 7    | S44269   | Left Inner Hitch Truss .....             | 1   |
| 8    | S22100   | Right Outer Hitch Truss .....            | 1   |
| 9    | S22101   | Left Outer Hitch Truss .....             | 1   |
| 10   | S22231   | Hitch Tube - Brace .....                 | 1   |
| 11   | C21631   | Cross Brace .....                        | 1   |
| 12   | C-4438   | Hitch Clevis .....                       | 1   |
| 13   | C18758   | Support - Safety Chain .....             | 1   |
| 14   | C18761   | Safety Chain .....                       | 1   |
| 15   | C26323   | Hose Holder .....                        | 1   |
| 16   | F-3645   | Pin - 1 x 5 1/4 UL .....                 | 1   |
| 17   | C14714   | Pin - 1 1/4 x 4 1/8 UL .....             | 2   |
| 18   | C18531   | Pin - 1 3/8 x 3 5/8 UL .....             | 6   |
| 19   | F14331   | U-Bolt - 5/8 x 3 1/16 x 4 5/8 .....      | 4   |
| 20   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 .....          | 6   |
| 21   | C-5561   | U-Bolt - 3/4 x 4 x 5 9/16 .....          | 4   |
| 22   | W-490    | Hex Bolt - 1/2 x 2 1/2 .....             | 1   |
| 23   | D-5519   | Hex Bolt - 1/2 x 3 1/4 .....             | 1   |
| 24   | D12164   | Hex Bolt - 5/8 x 2 - Gr 8 .....          | 8   |
| 25   | W-63     | Hex Bolt - 3/4 x 3 .....                 | 2   |
| 26   | D-5256   | Hex Bolt - 3/4 x 4 .....                 | 1   |
| 27   | C18757   | Retaining Washer .....                   | 1   |
| 28   | C26321   | Clamp Plate - Hose Holder .....          | 2   |
| 29   | W-525    | Lockwasher - 1/2 .....                   | 5   |
| 30   | W-526    | Lockwasher - 5/8 .....                   | 28  |
| 31   | W-527    | Lockwasher - 3/4 .....                   | 10  |
| 32   | F-3405   | Locknut - 1/2 .....                      | 3   |
| 33   | W-516    | Hex Nut - 1/2 .....                      | 5   |
| 34   | W-517    | Hex Nut - 5/8 .....                      | 28  |
| 35   | D-5273   | Locknut - 3/4 .....                      | 1   |
| 36   | W-518    | Hex Nut - 3/4 .....                      | 10  |
| 37   | D-5244   | Roll Pin - 1/4 x 2 .....                 | 1   |
| 38   | J12281   | Spring Pin - 5/16 x 2 HD .....           | 6   |
| 39   | P106023  | Spiral Pin - 3/8 x 2 HD .....            | 12  |
| 40   | C-3902   | Decal - "MORRIS" .....                   | 2   |
| 41   | C-4262   | Decal - "Caution" .....                  | 1   |
| 42   | C13704   | Decal - "Danger" .....                   | 3   |
| 43   | N24301   | Decal - "Caution" .....                  | 1   |
| 44   | S22441   | Decal - "Caution" .....                  | 1   |
| 45   | S33479   | Decal - "MAXIM II" .....                 | 2   |
| 46   | S34477   | Reflector - Amber .....                  | 6   |
| 47   | S22051   | Leg Pivot Pin .....                      | 2   |
| 48   | S22722   | Stabilizer Chain .....                   | 2   |
| 49   | W-496    | Hex Bolt - 1/2 x 5 1/2 .....             | 4   |
| 50   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 .....          | 4   |
| 51   | W-526    | Lockwasher - 5/8 .....                   | 8   |
| 52   | W-517    | Hex Nut - 5/8 .....                      | 8   |
| 53   | S39391   | Hitch Jack - Top Wind (2TMX-15-0X) ..... | 1   |
| 54   | S31186   | Cross Brace - Five Frame .....           | 1   |
| 55   | C26151   | Pin - 1 1/2 x 4 3/4 UL .....             | 4   |

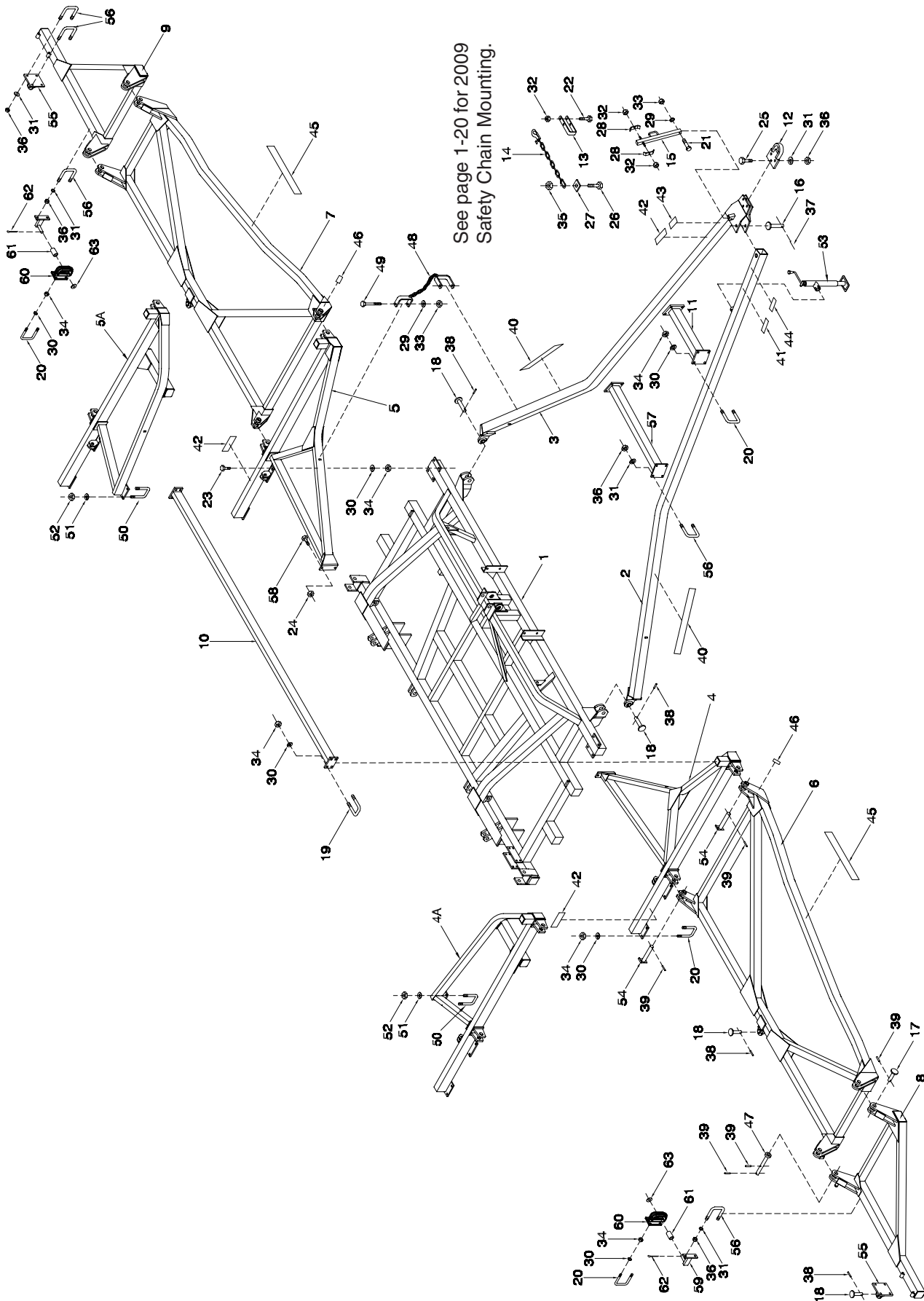
# Hitching 55 ft Hitch Assembly



## Hitching - 55 ft Hitch Assembly

| Item | Part No. | Description                                             | Qty |
|------|----------|---------------------------------------------------------|-----|
| 1    | S33590   | Main Frame .....                                        | 1   |
| 2    | S22380   | Right Hitch Pole .....                                  | 1   |
| 3    | S22379   | Left Hitch Pole .....                                   | 1   |
| 4    | S32538   | Right Hitch Brace .....                                 | 1   |
| 4A   | S32571   | Right Hitch Brace (For Harrows Kits only) .....         | 1   |
| 5    | S32537   | Left Hitch Brace .....                                  | 1   |
| 5A   | S32570   | Left Hitch Brace (For Harrows Kits only) .....          | 1   |
| 6    | S32536   | Right Inner Hitch Truss .....                           | 1   |
| 7    | S32535   | Left Inner Hitch Truss .....                            | 1   |
| 8    | S29800   | Right Outer Hitch Truss .....                           | 1   |
| 9    | S29799   | Left Outer Hitch Truss .....                            | 1   |
| 10   | S22231   | Hitch Tube - Brace .....                                | 1   |
| 11   | C21631   | Cross Brace .....                                       | 1   |
| 12   | C-4438   | Hitch Clevis .....                                      | 1   |
| 13   | C18758   | Support - Safety Chain .....                            | 1   |
| 14   | C18761   | Safety Chain .....                                      | 1   |
| 15   | C26323   | Hose Holder .....                                       | 1   |
| 16   | F-3645   | Pin - 1 x 5 1/4 UL .....                                | 1   |
| 17   | C21213   | Pin - 1 1/2 x 4 11/16 UL .....                          | 6   |
| 18   | C18531   | Pin - 1 3/8 x 3 5/8 UL .....                            | 4   |
| 19   | F14331   | U-Bolt - 5/8 x 3 1/16 x 4 5/8 .....                     | 4   |
| 20   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 .....                         | 6   |
| 21   | W-490    | Hex Bolt - 1/2 x 2 1/2 .....                            | 1   |
| 22   | D-5519   | Hex Bolt - 1/2 x 3 1/4 .....                            | 1   |
| 23   | D12164   | Hex Bolt - 5/8 x 2 - Gr 8 .....                         | 8   |
| 24   | W14434   | Serrated Locknut - 5/8 .....                            | 4   |
| 25   | W-63     | Hex Bolt - 3/4 x 3 .....                                | 2   |
| 26   | D-5256   | Hex Bolt - 3/4 x 4 .....                                | 1   |
| 27   | C18757   | Retaining Washer .....                                  | 1   |
| 28   | C26321   | Clamp Plate - Hose Holder .....                         | 2   |
| 29   | W-525    | Lockwasher - 1/2 .....                                  | 5   |
| 30   | W-526    | Lockwasher - 5/8 .....                                  | 28  |
| 31   | W-527    | Lockwasher - 3/4 .....                                  | 18  |
| 32   | F-3405   | Locknut - 1/2 .....                                     | 3   |
| 33   | W-516    | Hex Nut - 1/2 .....                                     | 5   |
| 34   | W-517    | Hex Nut - 5/8 .....                                     | 28  |
| 35   | D-5273   | Locknut - 3/4 .....                                     | 1   |
| 36   | W-518    | Hex Nut - 3/4 .....                                     | 18  |
| 37   | D-5244   | Roll Pin - 1/4 x 2 .....                                | 1   |
| 38   | J12281   | Spring Pin - 5/16 x 2 HD .....                          | 6   |
| 39   | P106023  | Spiral Pin - 3/8 x 2 HD .....                           | 10  |
| 40   | C-3902   | Decal - "MORRIS" .....                                  | 2   |
| 41   | C-4262   | Decal - "Caution" .....                                 | 1   |
| 42   | C13704   | Decal - "Danger" .....                                  | 3   |
| 43   | N24301   | Decal - "Caution" .....                                 | 1   |
| 44   | S22441   | Decal - "Caution" .....                                 | 1   |
| 45   | S33479   | Decal - "MAXIM II" .....                                | 2   |
| 46   | S34477   | Reflector - Amber .....                                 | 6   |
| 47   | S29893   | Leg Pivot Pin .....                                     | 2   |
| 48   | S22722   | Stabilizer Chain .....                                  | 2   |
| 49   | W-496    | Hex Bolt - 1/2 x 5 1/2 .....                            | 2   |
| 50   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 (For Harrows Kits only) ..... | 4   |
| 51   | W-526    | Lockwasher - 5/8 (For Harrows Kits only) .....          | 8   |
| 52   | W-517    | Hex Nut - 5/8 (For Harrows Kits only) .....             | 8   |
| 53   | S39391   | Hitch Jack - Top Wind (2TMX-15-0X) .....                | 1   |
| 54   | C26151   | Pin - 1 1/2 x 4 3/4 UL .....                            | 4   |
| 55   | S29784   | Hitch Pivot Plate .....                                 | 2   |
| 56   | C-5561   | U-Bolt - 3/4 x 4 x 5 5/8 .....                          | 10  |
| 57   | S31186   | Cross Brace - Five Frame .....                          | 1   |
| 58   | S31736   | Hex Bolt - 5/8 x 2 1/2 - Gr 8 .....                     | 4   |
| 59   | S32263   | Roller Bracket .....                                    | 2   |
| 60   | S32261   | Slotted Plate .....                                     | 2   |
| 61   | C26925   | Nylon Roller .....                                      | 2   |
| 62   | W-535    | Cotter Pin -1/4 x 1 1/2 .....                           | 2   |
| 63   | F-3515   | Flatwasher - 1.031 ID x 1.75 OD x 0.188 thick .....     | 2   |

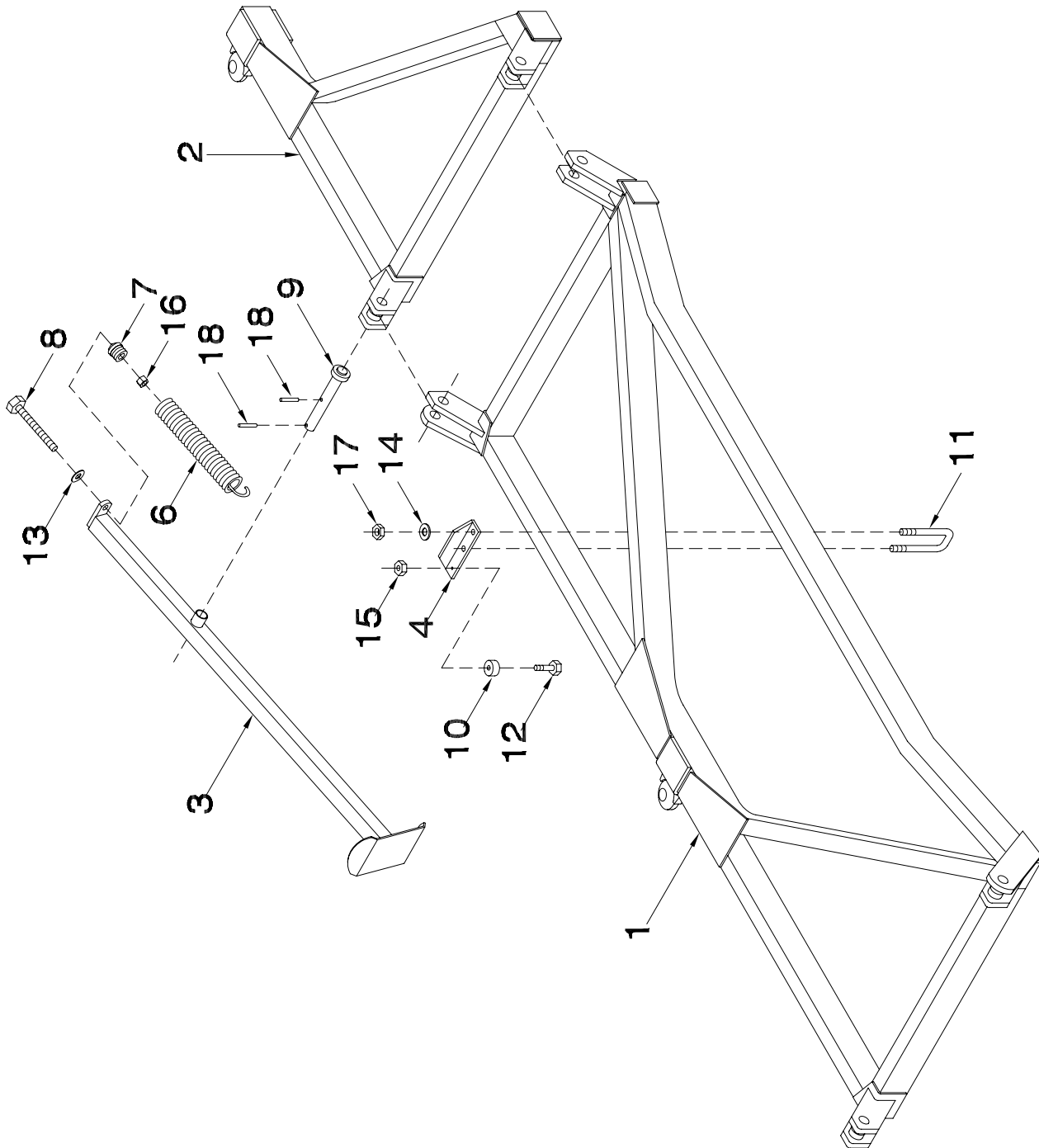
# Hitching 60 ft Hitch Assembly



## Hitching - 60 ft Hitch Assembly

| Item | Part No. | Description                                             | Qty |
|------|----------|---------------------------------------------------------|-----|
| 1    | S33590   | Main Frame .....                                        | 1   |
| 2    | S22380   | Right Hitch Pole .....                                  | 1   |
| 3    | S22379   | Left Hitch Pole .....                                   | 1   |
| 4    | S32538   | Right Hitch Brace .....                                 | 1   |
| 4A   | S32571   | Right Hitch Brace (For Harrows Kits only) .....         | 1   |
| 5    | S32537   | Left Hitch Brace .....                                  | 1   |
| 5A   | S32570   | Left Hitch Brace (For Harrows Kits only) .....          | 1   |
| 6    | S32536   | Right Inner Hitch Truss .....                           | 1   |
| 7    | S32535   | Left Inner Hitch Truss .....                            | 1   |
| 8    | S29911   | Right Outer Hitch Truss .....                           | 1   |
| 9    | S29910   | Left Outer Hitch Truss .....                            | 1   |
| 10   | S22231   | Hitch Tube - Brace .....                                | 1   |
| 11   | C21631   | Cross Brace .....                                       | 1   |
| 12   | C-4438   | Hitch Clevis .....                                      | 1   |
| 13   | C18758   | Support - Safety Chain .....                            | 1   |
| 14   | C18761   | Safety Chain .....                                      | 1   |
| 15   | C26323   | Hose Holder .....                                       | 1   |
| 16   | F-3645   | Pin - 1 x 5 1/4 UL .....                                | 1   |
| 17   | C21213   | Pin - 1 1/2 x 4 11/16 UL .....                          | 2   |
| 18   | C18531   | Pin - 1 3/8 x 3 5/8 UL .....                            | 6   |
| 19   | F14331   | U-Bolt - 5/8 x 3 1/16 x 4 5/8 .....                     | 4   |
| 20   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 .....                         | 6   |
| 21   | W-490    | Hex Bolt - 1/2 x 2 1/2 .....                            | 1   |
| 22   | D-5519   | Hex Bolt - 1/2 x 3 1/4 .....                            | 1   |
| 23   | D12164   | Hex Bolt - 5/8 x 2 - Gr 8 .....                         | 8   |
| 24   | W14434   | Serrated Locknut - 5/8 .....                            | 4   |
| 25   | W-63     | Hex Bolt - 3/4 x 3 .....                                | 2   |
| 26   | D-5256   | Hex Bolt - 3/4 x 4 .....                                | 1   |
| 27   | C18757   | Retaining Washer .....                                  | 1   |
| 28   | C26321   | Clamp Plate - Hose Holder .....                         | 2   |
| 29   | W-525    | Lockwasher - 1/2 .....                                  | 5   |
| 30   | W-526    | Lockwasher - 5/8 .....                                  | 28  |
| 31   | W-527    | Lockwasher - 3/4 .....                                  | 18  |
| 32   | F-3405   | Locknut - 1/2 .....                                     | 3   |
| 33   | W-516    | Hex Nut - 1/2 .....                                     | 5   |
| 34   | W-517    | Hex Nut - 5/8 .....                                     | 28  |
| 35   | D-5273   | Locknut - 3/4 .....                                     | 1   |
| 36   | W-518    | Hex Nut - 3/4 .....                                     | 18  |
| 37   | D-5244   | Roll Pin - 1/4 x 2 .....                                | 1   |
| 38   | J12281   | Spring Pin - 5/16 x 2 HD .....                          | 6   |
| 39   | P106023  | Spiral Pin - 3/8 x 2 HD .....                           | 10  |
| 40   | C-3902   | Decal - "MORRIS" .....                                  | 2   |
| 41   | C-4262   | Decal - "Caution" .....                                 | 1   |
| 42   | C13704   | Decal - "Danger" .....                                  | 3   |
| 43   | N24301   | Decal - "Caution" .....                                 | 1   |
| 44   | S22441   | Decal - "Caution" .....                                 | 1   |
| 45   | S33479   | Decal - "MAXIM II" .....                                | 2   |
| 46   | S34477   | Reflector - Amber .....                                 | 6   |
| 47   | S29893   | Leg Pivot Pin .....                                     | 2   |
| 48   | S22722   | Stabilizer Chain .....                                  | 2   |
| 49   | W-496    | Hex Bolt - 1/2 x 5 1/2 .....                            | 2   |
| 50   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 (For Harrows Kits only) ..... | 4   |
| 51   | W-526    | Lockwasher - 5/8 (For Harrows Kits only) .....          | 8   |
| 52   | W-517    | Hex Nut - 5/8 (For Harrows Kits only) .....             | 8   |
| 53   | S39391   | Hitch Jack - Top Wind (2TMX-15-0X) .....                | 1   |
| 54   | C26151   | Pin - 1 1/2 x 4 3/4 UL .....                            | 4   |
| 55   | S29784   | Hitch Pivot Plate .....                                 | 2   |
| 56   | C-5561   | U-Bolt - 3/4 x 4 x 5 5/8 .....                          | 10  |
| 57   | S31186   | Cross Brace - Five Frame .....                          | 1   |
| 58   | S31736   | Hex Bolt - 5/8 x 2 1/2 - Gr 8 .....                     | 4   |
| 59   | S32263   | Roller Bracket .....                                    | 2   |
| 60   | S32261   | Slotted Plate .....                                     | 2   |
| 61   | S26925   | Nylon Roller .....                                      | 2   |
| 62   | W-535    | Cotter Pin -1/4 x 1 1/2 .....                           | 2   |
| 63   | F-3515   | Flatwasher - 1.031 ID x 1.75 OD x 0.188 thick .....     | 2   |

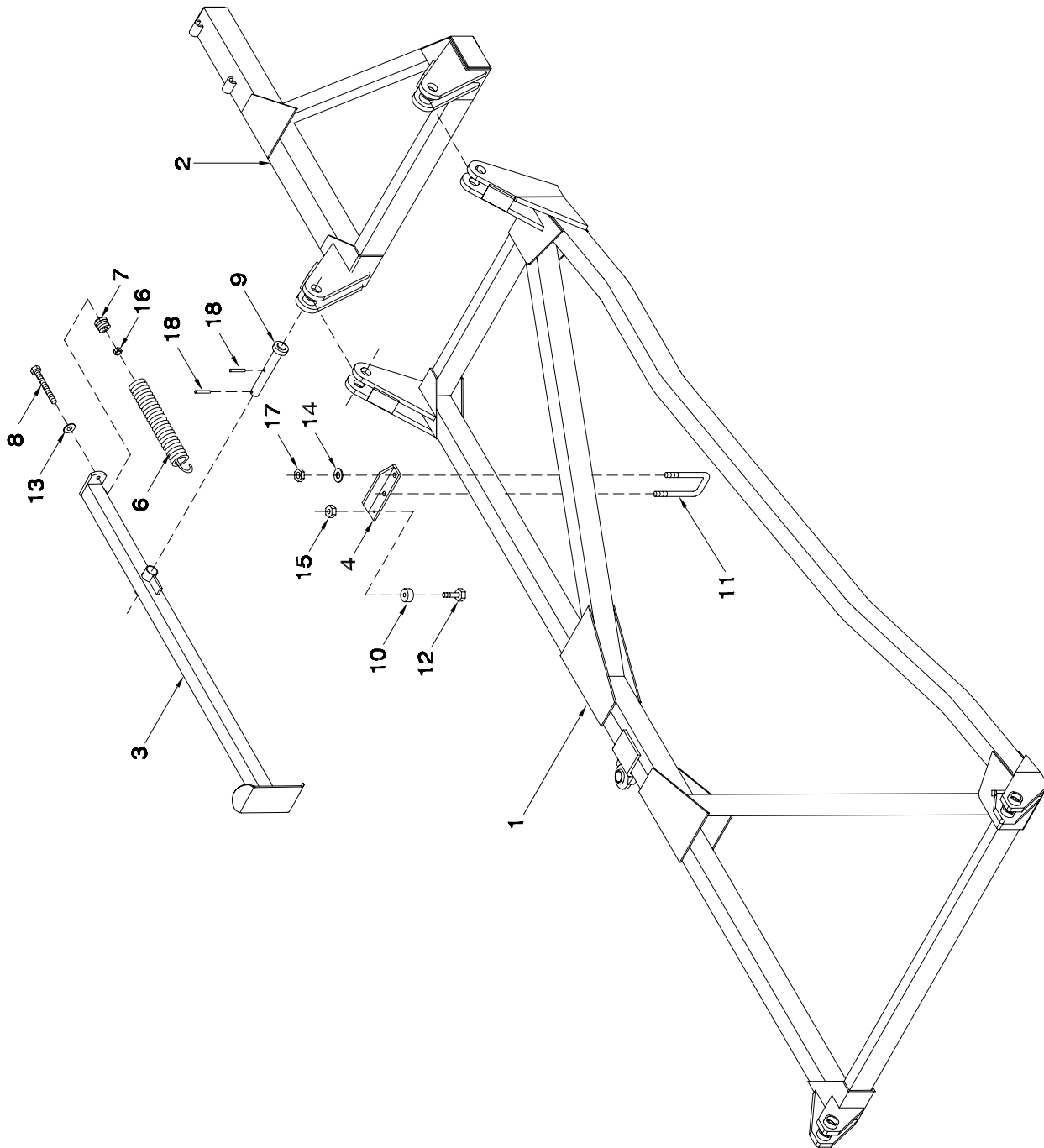
## Hitching Support Leg Assembly 49 ft



## Hitching - Support Leg Assembly 49 ft

| Item | Part No. | Description                                                         | Qty |
|------|----------|---------------------------------------------------------------------|-----|
| 1    | S22099   | Left Inner Hitch Truss .....                                        | 1   |
| 2    | S22101   | Left Outer Hitch Truss .....                                        | 1   |
| 3    | S22188   | Support Leg .....                                                   | 2   |
| 4    | S22575   | Left Stop Bracket - Prior to serial # 4902084320 .....              | 1   |
|      | S29891   | Left Stop Bracket - From serial # 4902084320 .....                  | 1   |
| 5    | S22576   | Right Stop Bracket (not shown) - Prior to serial # 4902084320 ..... | 1   |
|      | S29892   | Right Stop Bracket (not shown) - From serial # 4902084320 .....     | 1   |
| 6    | V-339    | Spring .....                                                        | 2   |
| 7    | V-3262   | Nylon Spring Plug (Includes Item 16) .....                          | 2   |
| 8    | N16041   | Adjustment Rod .....                                                | 2   |
| 9    | S22051   | Leg Pivot Pin .....                                                 | 2   |
| 10   | S22578   | Rubber Bumper Block .....                                           | 2   |
| 11   | D-4931   | U-Bolt - 5/8 x 2 3/4 x 5 1/2 - Prior to serial # 4902084320 .....   | 2   |
|      | F-4543   | U-Bolt - 5/8 x 3 x 5 3/8 - From serial # 4902084320 .....           | 2   |
| 12   | W-1552   | Hex Bolt - 1/4 x 1 .....                                            | 2   |
| 13   | W-538    | Flatwasher - 3/8 .....                                              | 2   |
| 14   | W-526    | Lockwasher - 5/8 .....                                              | 4   |
| 15   | N15757   | Locknut - 1/4 .....                                                 | 2   |
| 16   | M-3388   | Locknut - 3/8 .....                                                 | 2   |
| 17   | W-517    | Hex Nut - 5/8 .....                                                 | 4   |
| 18   | P106023  | Spiral Pin - 3/8 x 2 .....                                          | 4   |
|      | V-3465   | Spring Assembly (Includes Item 6 and 7)                             |     |

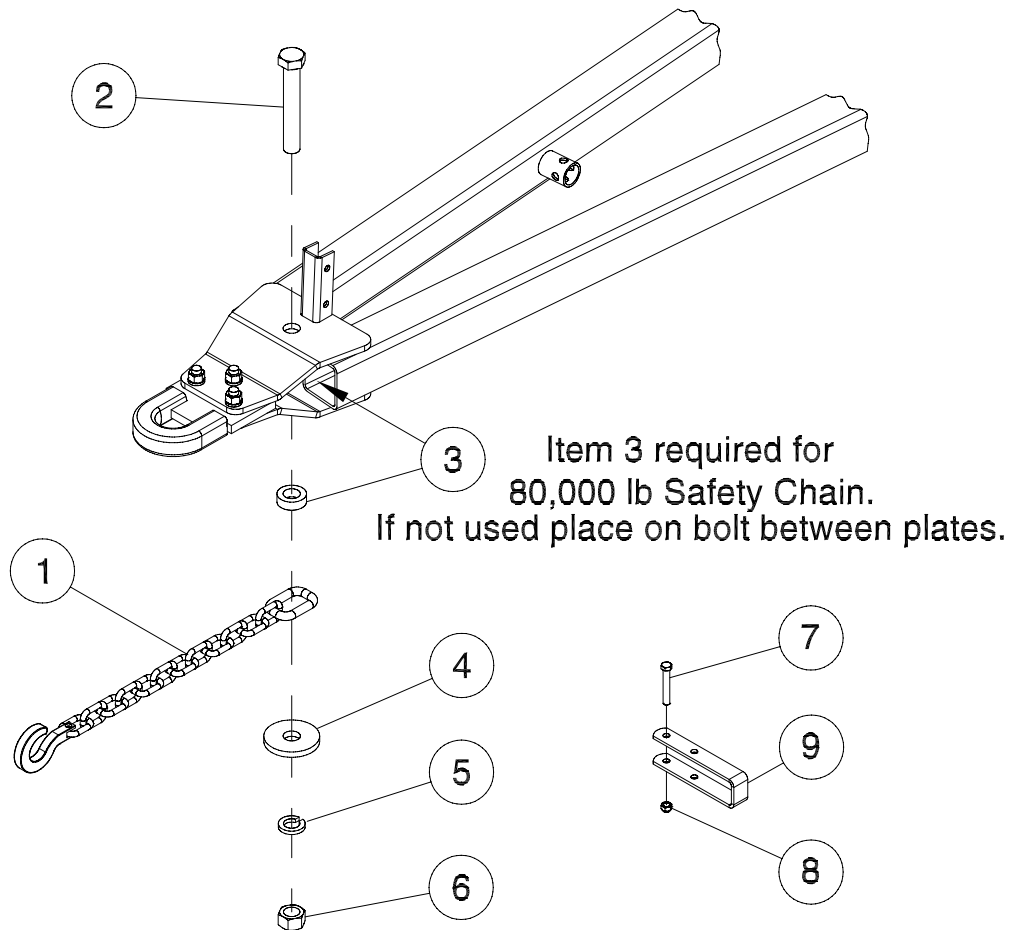
## Hitching Support Leg Assembly 55 ft & 60 ft



## Hitching -Support Leg Assembly 55 ft & 60 ft

| Item | Part No. | Description                                           | Qty |
|------|----------|-------------------------------------------------------|-----|
| 1    | S32535   | Left Inner Hitch Truss .....                          | 1   |
| 2    | S29799   | Left Outer Hitch Truss (55 ft only) .....             | 1   |
|      | S29110   | Left Outer Hitch Truss (60 ft only - Not shown) ..... | 1   |
| 3    | S29890   | Support Leg .....                                     | 2   |
| 4    | S29891   | Left Stop Bracket .....                               | 1   |
| 5    | S29892   | Right Stop Bracket (not shown) .....                  | 1   |
| 6    | V-339    | Spring .....                                          | 2   |
| 7    | V-3262   | Nylon Spring Plug (Includes Item 16) .....            | 2   |
| 8    | N16041   | Adjustment Rod .....                                  | 2   |
| 9    | S29893   | Leg Pivot Pin .....                                   | 2   |
| 10   | S22578   | Rubber Bumper Block .....                             | 2   |
| 11   | F-4543   | U-Bolt - 5/8 x 3 x 5 3/8 .....                        | 2   |
| 12   | W-1552   | Hex Bolt - 1/4 x 1 .....                              | 2   |
| 13   | W-538    | Flatwasher - 3/8 .....                                | 2   |
| 14   | W-526    | Lockwasher - 5/8 .....                                | 4   |
| 15   | N15757   | Locknut - 1/4 .....                                   | 2   |
| 16   | M-3388   | Locknut - 3/8 .....                                   | 2   |
| 17   | W-517    | Hex Nut - 5/8 .....                                   | 4   |
| 18   | P106023  | Spiral Pin - 3/8 x 2 .....                            | 4   |
|      | V-3465   | Spring Assembly (Includes Item 6 and 7)               |     |

## Hitching Safety Chain Mounting - 2009



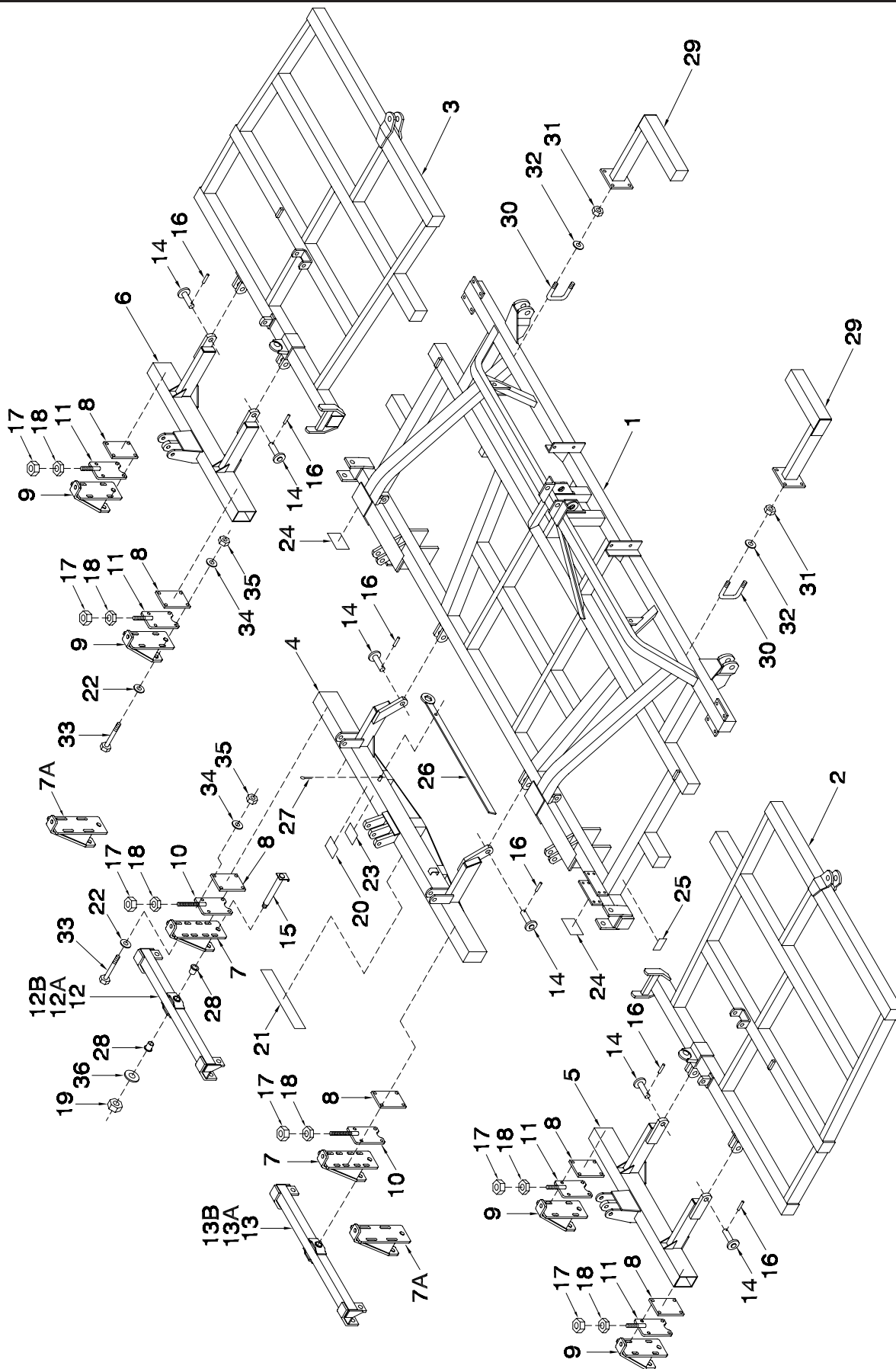
| Item | Part No. | Description                                                                          | Qty |
|------|----------|--------------------------------------------------------------------------------------|-----|
| 1    | C18761   | Safety Chain - 40,000 lb .....                                                       | 1   |
|      | N44710   | Safety Chain - 80,000 lb - Use with a Tow Behind Air Cart.                           |     |
| 2    | S44715   | Hex Bolt - 1 1/4 x 8 Lg .....                                                        | 1   |
| 3    | S44717   | Chain Link Spacer - 1 5/16 ID x 2 1/4 OD x 3/4 Thick - Required for 80,000 lb Chain. | 1   |
| 4    | S44716   | Retaining Washer - 1 5/16 ID x 4 1/4 OD x 1/2 Thick .....                            | 1   |
| 5    | C39432   | Lockwasher - 1 1/4 .....                                                             | 1   |
| 6    | P61D20   | Hex Nut - 1 1/4 .....                                                                | 1   |
| 7    | D-5519   | Hex Bolt - 1/2 x 3 1/4 Lg .....                                                      | 1   |
| 8    | F-3405   | Locknut - 1/2 Unitorque .....                                                        | 1   |
| 9    | C18758   | Safety Chain Support .....                                                           | 1   |

## Section 2: Frames

### Section Contents

|                    |      |
|--------------------|------|
| 29 ft Frames ..... | 2-2  |
| 34 ft Frames ..... | 2-4  |
| 39 ft Frames ..... | 2-6  |
| 49 ft Frames ..... | 2-8  |
| 55 ft Frames ..... | 2-10 |
| 60 ft Frames ..... | 2-12 |

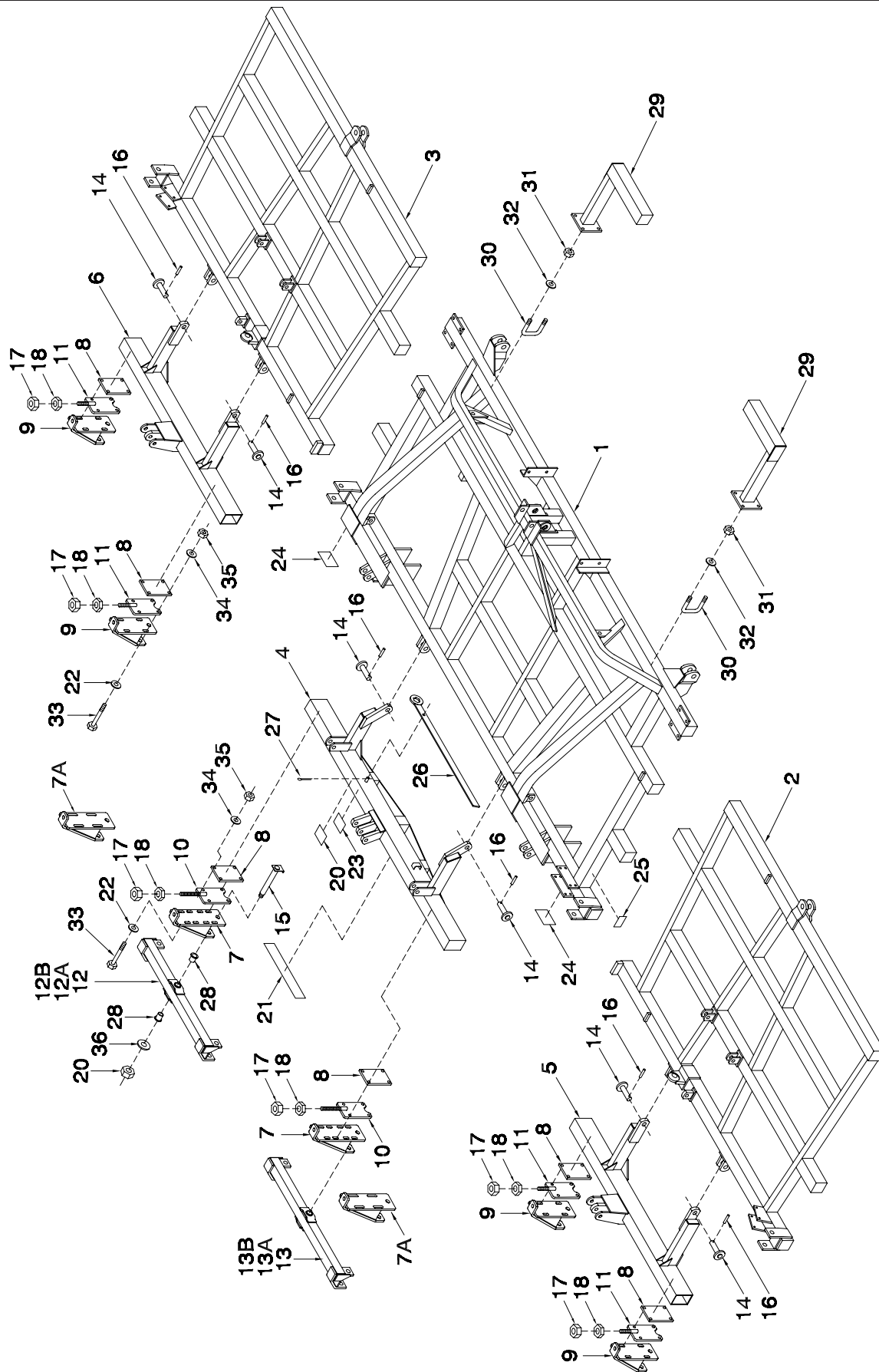
## Frames 29 ft Frames



## Frames - 29 ft Frames

| Item | Part No. | Description                                                                                   | Qty |
|------|----------|-----------------------------------------------------------------------------------------------|-----|
| 1    | S22070   | Main Frame .....                                                                              | 1   |
| 2    | S22079   | Right Wing Frame .....                                                                        | 1   |
| 3    | S22080   | Left Wing Frame .....                                                                         | 1   |
| 4    | S22288   | Main Packer Frame .....                                                                       | 1   |
| 5    | S32586   | Right Packer Frame .....                                                                      | 1   |
| 6    | S32587   | Left Packer Frame .....                                                                       | 1   |
| 7    | S32426   | Packer Pivot Arm Mounting Bracket (Prior to Oct 2003) .....                                   | 2   |
|      | S39499   | Packer Pivot Arm Mounting Bracket .....                                                       | 2   |
|      | S44290   | UNIVERSAL PACKER BRACKET - MAIN (Replaces S39499 & S39497) .....                              | 2   |
| 7A   | S32582   | Packer Pivot Arm Mounting Bracket (Harrow/Fertilizer Coulters Only) (Prior to Oct 2003) ..... | 2   |
|      | S39497   | Packer Pivot Arm Mounting Bracket (Harrow/Fertilizer Coulters Only) .....                     | 2   |
| 8    | S32414   | Backing Plate (Prior to Oct 2003) .....                                                       | 6   |
|      | S39489   | Backing Plate .....                                                                           | 6   |
| 9    | S32427   | Packer Evener Mounting Bracket (Prior to Oct 2003) .....                                      | 4   |
|      | S39498   | Packer Evener Mounting Bracket .....                                                          | 4   |
| 10   | S32418   | Adjustment Plate - Long (Prior to Oct 2003) .....                                             | 2   |
|      | S39492   | Adjustment Plate - Long .....                                                                 | 2   |
| 11   | S32419   | Adjustment Plate - Short (Prior to Oct 2003) .....                                            | 4   |
|      | S39502   | Adjustment Plate - Short .....                                                                | 4   |
| 12   | S22138   | Left Main Pivot Arm (for 7 1/2" spacing) .....                                                | 1   |
| 12A  | S22489   | Left Main Pivot Arm (for 10" spacing) .....                                                   | 1   |
| 12B  | S22491   | Left Main Pivot Arm (for 12" spacing) .....                                                   | 1   |
| 13   | S22135   | Right Main Pivot Arm (for 7 1/2" spacing) .....                                               | 1   |
| 13A  | S22490   | Right Main Pivot Arm (for 10" spacing) .....                                                  | 1   |
| 13B  | S22492   | Right Main Pivot Arm (for 12" spacing) .....                                                  | 1   |
| 14   | S22217   | Pin - 1 1/4 x 2 7/8 UL .....                                                                  | 6   |
| 15   | C18529   | Pin - 1 1/4 x 7 1/32 UL .....                                                                 | 2   |
| 16   | P106023  | Spiral Pin - 3/8 x 2 HD .....                                                                 | 6   |
| 17   | W-520    | Nut - 1 .....                                                                                 | 6   |
| 18   | S-711    | Jam nut - 1 .....                                                                             | 6   |
| 19   | D-5274   | Locknut - 1 .....                                                                             | 2   |
| 20   | S29378   | Decal - "Danger" .....                                                                        | 1   |
| 21   | C-3902   | Decal - "MORRIS" .....                                                                        | 1   |
| 22   | W-476    | Flatwasher (Prior to Oct 2003) .....                                                          | 24  |
|      | S39482   | 1 Square Flatwasher - 3/8 Thick .....                                                         | 24  |
|      | S39540   | 1 Square Flatwasher - 1/8 Thick (Used with Pivot Arms made prior to Nov 2003) .....           | 4   |
| 23   | D-4939   | Decal - "Attention" .....                                                                     | 1   |
| 24   | S22441   | Decal - "Caution" .....                                                                       | 2   |
| 25   | C11029   | Serial Plate .....                                                                            | 1   |
| 26   | D12865   | Gang Torque Wrench .....                                                                      | 1   |
| 27   | BW-11    | Hair Pin - 3/16 x 3 3/4 .....                                                                 | 1   |
| 28   | C18510   | Nylon Bushing - 1 7/8 .....                                                                   | 4   |
| 29   | S34730   | Extension Frame (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....                  | 2   |
| 30   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....        | 4   |
| 31   | W-517    | Hex Nut - 5/8 (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....                    | 8   |
| 32   | W-526    | Lockwasher - 5/8 (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....                 | 8   |
| 33   | S32590   | Hex Bolt - 3/4 x 7 (Grade 8) (Prior to Oct 2003) .....                                        | 24  |
|      | S39487   | Hex Bolt - 1 x 8 (Grade 8) .....                                                              | 24  |
| 34   | W-527    | Lockwasher - 3/4 (Prior to Oct 2003) .....                                                    | 24  |
|      | C-705    | Lockwasher - 1 .....                                                                          | 24  |
| 35   | W-518    | Hex Nut - 3/4 (Prior to Oct 2003) .....                                                       | 24  |
|      | W-520    | Hex Nut - 1 .....                                                                             | 24  |
| 36   | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....                                                        | 2   |
| 37   | S34196   | Decal - "Raise/Lower" (Not Shown) .....                                                       | 6   |

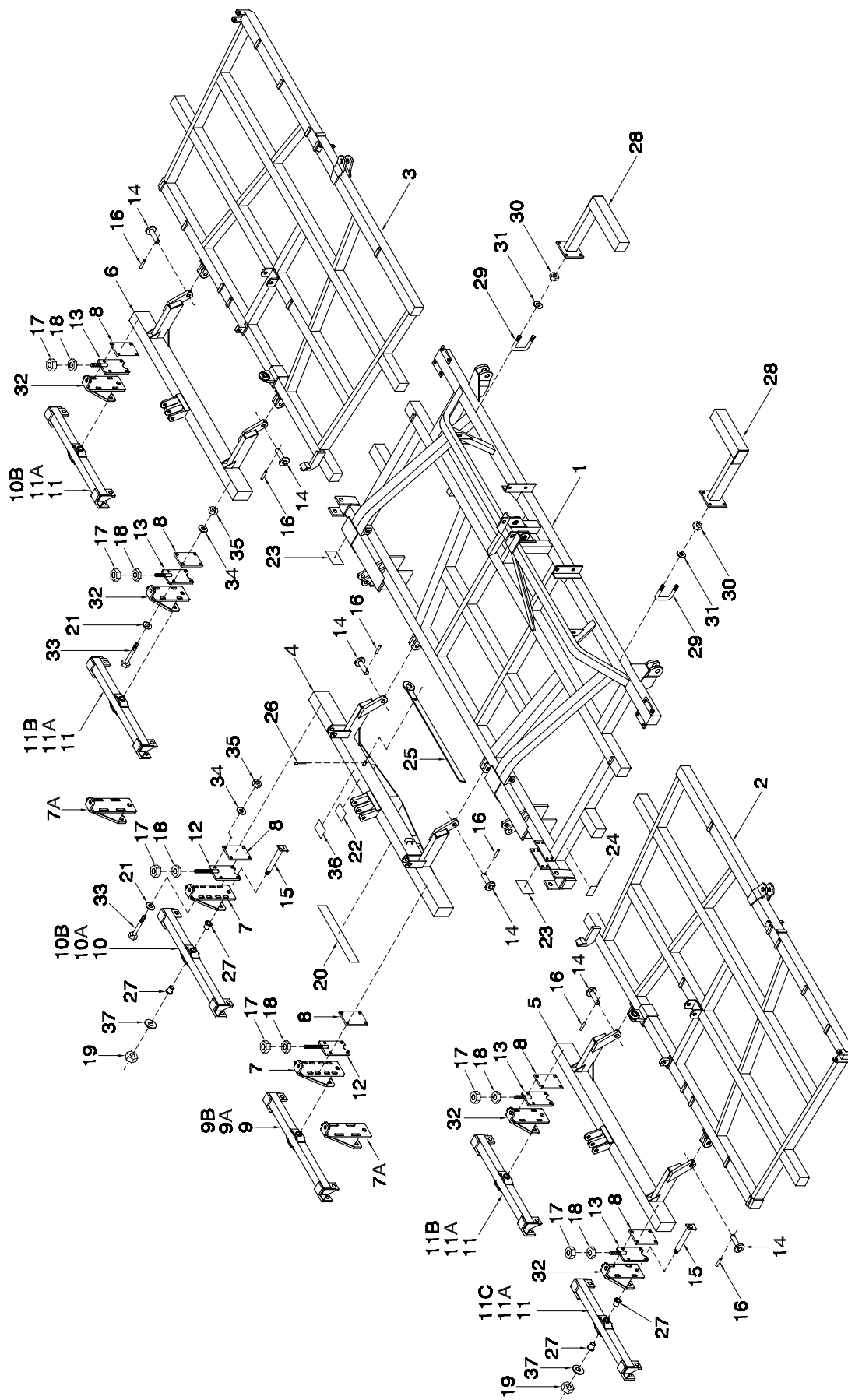
## Frames 34 ft Frames



## Frames - 34 ft Frames

| Item | Part No. | Description                                                                                   | Qty |
|------|----------|-----------------------------------------------------------------------------------------------|-----|
| 1    | S22070   | Main Frame .....                                                                              | 1   |
| 2    | S22076   | Right Wing Frame .....                                                                        | 1   |
| 3    | S22077   | Left Wing Frame .....                                                                         | 1   |
| 4    | S22288   | Main Packer Frame .....                                                                       | 1   |
| 5    | S32584   | Right Packer Frame .....                                                                      | 1   |
| 6    | S32585   | Left Packer Frame .....                                                                       | 1   |
| 7    | S32426   | Packer Pivot Arm Mounting Bracket (Prior to Oct 2003) .....                                   | 2   |
|      | S39499   | Packer Pivot Arm Mounting Bracket .....                                                       | 2   |
|      | S44290   | UNIVERSAL PACKER BRACKET - MAIN (Replaces S39499 & S39497) .....                              | 2   |
| 7A   | S32582   | Packer Pivot Arm Mounting Bracket (Harrow/Fertilizer Coulters Only) (Prior to Oct 2003) ..... | 2   |
|      | S39497   | Packer Pivot Arm Mounting Bracket (Harrow/Fertilizer Coulters Only) .....                     | 2   |
| 8    | S32414   | Backing Plate (Prior to Oct 2003) .....                                                       | 6   |
|      | S39489   | Backing Plate .....                                                                           | 6   |
| 9    | S32427   | Packer Evener Mounting Bracket (Prior to Oct 2003) .....                                      | 4   |
|      | S39498   | Packer Evener Mounting Bracket .....                                                          | 4   |
| 10   | S32418   | Adjustment Plate - Long (Prior to Oct 2003) .....                                             | 2   |
|      | S39492   | Adjustment Plate - Long .....                                                                 | 2   |
| 11   | S32419   | Adjustment Plate - Short (Prior to Oct 2003) .....                                            | 4   |
|      | S39502   | Adjustment Plate - Short .....                                                                | 4   |
| 12   | S22138   | Left Main Pivot Arm (for 7 1/2" spacing) .....                                                | 1   |
| 12A  | S22489   | Left Main Pivot Arm (for 10" spacing) .....                                                   | 1   |
| 12B  | S22491   | Left Main Pivot Arm (for 12" spacing) .....                                                   | 1   |
| 13   | S22135   | Right Main Pivot Arm (for 7 1/2" spacing) .....                                               | 1   |
| 13A  | S22490   | Right Main Pivot Arm (for 10" spacing) .....                                                  | 1   |
| 13B  | S22492   | Right Main Pivot Arm (for 12" spacing) .....                                                  | 1   |
| 14   | S22217   | Pin - 1 1/4 x 2 7/8 UL .....                                                                  | 6   |
| 15   | C18529   | Pin - 1 1/4 x 7 1/32 UL .....                                                                 | 2   |
| 16   | P106023  | Spiral Pin - 3/8 x 2 HD .....                                                                 | 6   |
| 17   | W-520    | Nut - 1 .....                                                                                 | 6   |
| 18   | S-711    | Jam nut - 1 .....                                                                             | 6   |
| 19   | D-5274   | Locknut - 1 .....                                                                             | 2   |
| 20   | S29378   | Decal - "Danger" .....                                                                        | 1   |
| 21   | C-3902   | Decal - "MORRIS" .....                                                                        | 1   |
| 22   | W-476    | Flatwasher (Prior to Oct 2003) .....                                                          | 24  |
|      | S39482   | 1 Square Flatwasher - 3/8 Thick .....                                                         | 24  |
|      | S39540   | 1 Square Flatwasher - 1/8 Thick (Used with Pivot Arms made prior to Nov 2003) .....           | 4   |
| 23   | D-4939   | Decal - "Attention" .....                                                                     | 1   |
| 24   | S22441   | Decal - "Caution" .....                                                                       | 2   |
| 25   | C11029   | Serial Plate .....                                                                            | 1   |
| 26   | D12865   | Gang Torque Wrench .....                                                                      | 1   |
| 27   | BW-11    | Hair Pin - 3/16 x 3 3/4 .....                                                                 | 1   |
| 28   | C18510   | Nylon Bushing - 1 7/8 .....                                                                   | 4   |
| 29   | S34730   | Extension Frame (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....                  | 2   |
| 30   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....        | 4   |
| 31   | W-517    | Hex Nut - 5/8 (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....                    | 8   |
| 32   | W-526    | Lockwasher - 5/8 (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....                 | 8   |
| 33   | S32590   | Hex Bolt - 3/4 x 7 (Grade 8) (Prior to Oct 2003) .....                                        | 24  |
|      | S39487   | Hex Bolt - 1 x 8 (Grade 8) .....                                                              | 24  |
| 34   | W-527    | Lockwasher - 3/4 (Prior to Oct 2003) .....                                                    | 24  |
|      | C-705    | Lockwasher - 1 .....                                                                          | 24  |
| 35   | W-518    | Hex Nut - 3/4 (Prior to Oct 2003) .....                                                       | 24  |
|      | W-520    | Hex Nut - 1 .....                                                                             | 24  |
| 36   | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....                                                        | 2   |
| 37   | S34196   | Decal - "Raise/Lower" (Not Shown) .....                                                       | 6   |

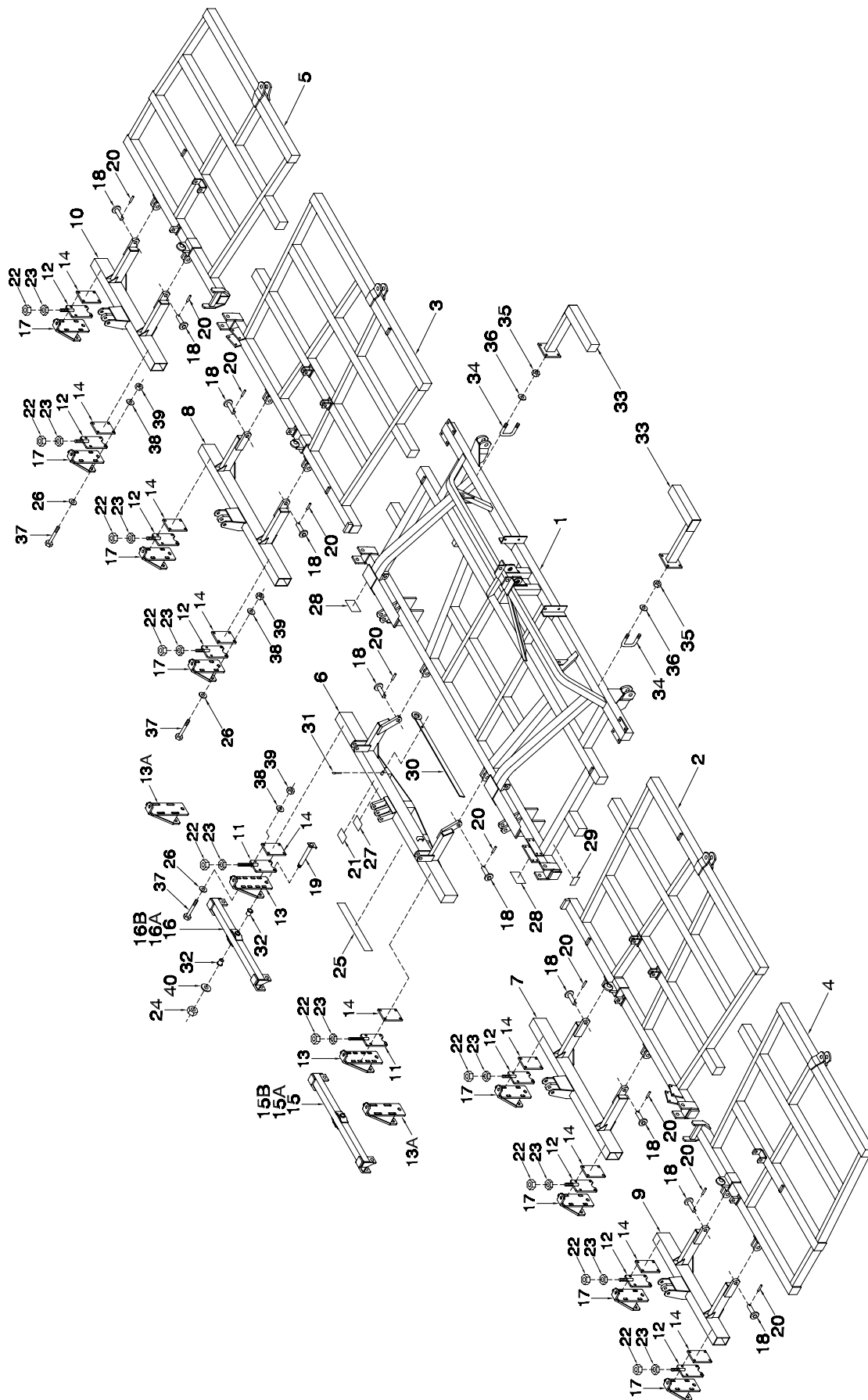
## Frames 39 ft Frames



## Frames - 39 ft Frames

| Item | Part No. | Description                                                                                   | Qty |
|------|----------|-----------------------------------------------------------------------------------------------|-----|
| 1    | S22070   | Main Frame .....                                                                              | 1   |
| 2    | S22058   | Right Wing Frame .....                                                                        | 1   |
| 3    | S22059   | Left Wing Frame .....                                                                         | 1   |
| 4    | S22288   | Main Packer Frame .....                                                                       | 1   |
| 5    | S31608   | Right Packer Frame .....                                                                      | 1   |
| 6    | S31607   | Left Packer Frame .....                                                                       | 1   |
| 7    | S32426   | Packer Pivot Arm Mounting Bracket (Prior to Oct 2003) .....                                   | 2   |
|      | S39499   | Packer Pivot Arm Mounting Bracket .....                                                       | 2   |
|      | S44290   | UNIVERSAL PACKER BRACKET - MAIN (Replaces S39499 & S39497) .....                              | 2   |
| 7A   | S32582   | Packer Pivot Arm Mounting Bracket (Harrow/Fertilizer Coulters Only) (Prior to Oct 2003) ..... | 2   |
|      | S39497   | Packer Pivot Arm Mounting Bracket (Harrow/Fertilizer Coulters Only) .....                     | 2   |
| 8    | S32414   | Backing Plate (Prior to Oct 2003) .....                                                       | 6   |
|      | S39489   | Backing Plate .....                                                                           | 6   |
| 9    | S22135   | Right Main Pivot Arm (for 7 1/2" spacing) .....                                               | 1   |
| 9A   | S26749   | Right Main Pivot Arm (for 10" spacing) .....                                                  | 1   |
| 9B   | S22492   | Right Main Pivot Arm (for 12" spacing) .....                                                  | 1   |
| 10   | S22138   | Left Main Pivot Arm (for 7 1/2" spacing) .....                                                | 1   |
| 10A  | S26749   | Left Main Pivot Arm (for 10" spacing) .....                                                   | 1   |
| 10B  | S22491   | Left Main Pivot Arm (for 12" spacing) .....                                                   | 2   |
| 11   | S22624   | Wing Pivot Arm (for 7 1/2" spacing) .....                                                     | 4   |
| 11A  | S26749   | Wing Pivot Arm - Right (for 10" spacing) .....                                                | 4   |
| 11B  | S22629   | Wing Pivot Arm (for 12" spacing) .....                                                        | 2   |
| 11C  | S26748   | Wing Pivot Arm (for 12" spacing) .....                                                        | 1   |
| 12   | S32418   | Adjustment Plate - Long (Prior to Oct 2003) .....                                             | 2   |
|      | S39492   | Adjustment Plate - Long .....                                                                 | 2   |
| 13   | S32419   | Adjustment Plate - Short (Prior to Oct 2003) .....                                            | 4   |
|      | S39502   | Adjustment Plate - Short .....                                                                | 4   |
| 14   | S22217   | Pin - 1 1/4 x 2 7/8 UL .....                                                                  | 6   |
| 15   | C18529   | Pin - 1 1/4 x 7 1/32 UL .....                                                                 | 6   |
| 16   | P106023  | Spiral Pin - 3/8 x 2 HD .....                                                                 | 6   |
| 17   | W-520    | Nut - 1 .....                                                                                 | 6   |
| 18   | S-711    | Jam nut - 1 .....                                                                             | 6   |
| 19   | D-5274   | Locknut - 1 .....                                                                             | 6   |
| 20   | C-3902   | Decal - "MORRIS" .....                                                                        | 1   |
| 21   | W-476    | Flatwasher (Prior to Oct 2003) .....                                                          | 24  |
|      | S39482   | 1 Square Flatwasher - 3/8 Thick .....                                                         | 24  |
|      | S39540   | 1 Square Flatwasher - 1/8 Thick (Used with Pivot Arms made prior to Nov 2003) .....           | 20  |
| 22   | D-4939   | Decal - "Attention" .....                                                                     | 2   |
| 23   | S22441   | Decal - "Caution" .....                                                                       | 2   |
| 24   | C11029   | Serial Plate .....                                                                            | 1   |
| 25   | D12865   | Gang Torque Wrench .....                                                                      | 1   |
| 26   | BW-11    | Hair Pin - 3/16 x 3 3/4 .....                                                                 | 1   |
| 27   | C18510   | Nylon Bushing - 1 7/8 .....                                                                   | 12  |
| 28   | S34730   | Extension Frame (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....                  | 2   |
| 29   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....        | 4   |
| 30   | W-517    | Hex Nut - 5/8 (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....                    | 8   |
| 31   | W-526    | Lockwasher - 5/8 (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....                 | 8   |
| 32   | S32427   | Packer Evener Mounting Bracket .....                                                          | 4   |
| 33   | S32590   | Hex Bolt - 3/4 x 7 (Grade 8) (Prior to Oct 2003) .....                                        | 24  |
|      | S39487   | Hex Bolt - 1 x 8 (Grade 8) .....                                                              | 24  |
| 34   | W-527    | Lockwasher - 3/4 (Prior to Oct 2003) .....                                                    | 24  |
|      | C-705    | Lockwasher - 1 .....                                                                          | 24  |
| 35   | W-518    | Hex Nut - 3/4 (Prior to Oct 2003) .....                                                       | 24  |
|      | W-520    | Hex Nut - 1 .....                                                                             | 24  |
| 36   | S29378   | Decal - "Danger" .....                                                                        | 1   |
| 37   | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....                                                        | 6   |
| 38   | S34196   | Decal - "Raise/Lower" (Not Shown) .....                                                       | 6   |

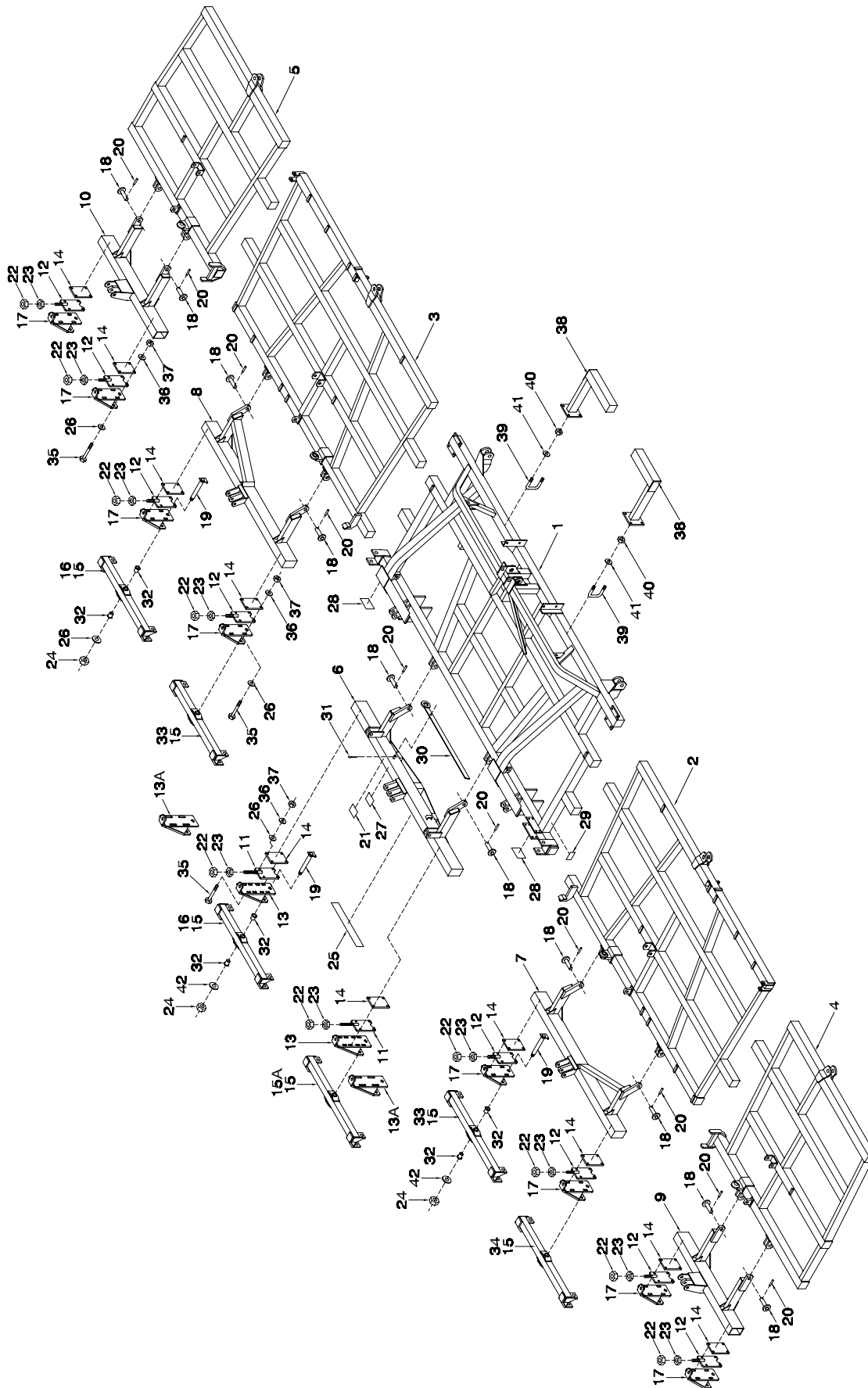
## Frames 49 ft Frames



## Frames - 49 ft Frames

| Item | Part No. | Description                                                                                   | Qty |
|------|----------|-----------------------------------------------------------------------------------------------|-----|
| 1    | S33590   | Main Frame .....                                                                              | 1   |
| 2    | S22076   | Right Inner Wing Frame .....                                                                  | 1   |
| 3    | S22077   | Left Inner Wing Frame .....                                                                   | 1   |
| 4    | S22079   | Right Outer Wing Frame .....                                                                  | 1   |
| 5    | S22080   | Left Outer Wing Frame .....                                                                   | 1   |
| 6    | S22288   | Main Packer Frame .....                                                                       | 1   |
| 7    | S32584   | Right Inner Packer Frame .....                                                                | 1   |
| 8    | S32585   | Left Inner Packer Frame .....                                                                 | 1   |
| 9    | S32586   | Right Outer Packer Frame .....                                                                | 1   |
| 10   | S32587   | Left Outer Packer Frame .....                                                                 | 1   |
| 11   | S32418   | Adjustment Plate - Long (Prior to Oct 2003) .....                                             | 2   |
|      | S39492   | Adjustment Plate - Long .....                                                                 | 2   |
| 12   | S32419   | Adjustment Plate - Short (Prior to Oct 2003) .....                                            | 8   |
|      | S39502   | Adjustment Plate - Short .....                                                                | 8   |
| 13   | S32426   | Packer Pivot Arm Mounting Bracket (Prior to Oct 2003) .....                                   | 2   |
|      | S39499   | Packer Pivot Arm Mounting Bracket .....                                                       | 2   |
|      | S44290   | UNIVERSAL PACKER BRACKET - MAIN (Replaces S39499 & S39497) .....                              | 2   |
| 13A  | S32582   | Packer Pivot Arm Mounting Bracket (Harrow/Fertilizer Coulters Only) (Prior to Oct 2003) ..... | 2   |
|      | S39497   | Packer Pivot Arm Mounting Bracket (Harrow/Fertilizer Coulters Only) .....                     | 2   |
| 14   | S32414   | Backing Plate (Prior to Oct 2003) .....                                                       | 10  |
|      | S39489   | Backing Plate .....                                                                           | 10  |
| 15   | S22135   | Right Main Pivot Arm (for 7 1/2" spacing) .....                                               | 1   |
| 15A  | S22490   | Right Main Pivot Arm (for 10" spacing) .....                                                  | 1   |
| 15B  | S22492   | Right Main Pivot Arm (for 12" spacing) .....                                                  | 1   |
| 16   | S22138   | Left Main Pivot Arm (for 7 1/2" spacing) .....                                                | 1   |
| 16A  | S22489   | Left Main Pivot Arm (for 10" spacing) .....                                                   | 1   |
| 16B  | S22491   | Left Main Pivot Arm (for 12" spacing) .....                                                   | 1   |
| 17   | S32427   | Packer Evener Mounting Bracket (Prior to Oct 2003) .....                                      | 8   |
|      | S39498   | Packer Evener Mounting Bracket .....                                                          | 8   |
| 18   | S22217   | Pin - 1 1/4 x 2 7/8 UL .....                                                                  | 10  |
| 19   | C18529   | Pin - 1 1/4 x 7 1/32 UL .....                                                                 | 2   |
| 20   | P106023  | Spiral Pin - 3/8 x 2 HD .....                                                                 | 10  |
| 21   | S29378   | Decal - "Danger" .....                                                                        | 1   |
| 22   | W-520    | Nut - 1 .....                                                                                 | 10  |
| 23   | S-711    | Jam nut - 1 .....                                                                             | 10  |
| 24   | D-5274   | Locknut - 1 .....                                                                             | 2   |
| 25   | W-476    | Flatwasher (Prior to Oct 2003) .....                                                          | 40  |
|      | S39482   | 1 Square Flatwasher - 3/8 Thick .....                                                         | 40  |
|      | S39540   | 1 Square Flatwasher - 1/8 Thick (Used with Pivot Arms made prior to Nov 2003) .....           | 4   |
| 26   | S33479   | Decal - "MAXIM II" .....                                                                      | 1   |
| 27   | D-4939   | Decal - "Attention" .....                                                                     | 1   |
| 28   | S22441   | Decal - "Caution" .....                                                                       | 2   |
| 29   | C11029   | Serial Plate .....                                                                            | 1   |
| 30   | D12865   | Gang Torque Wrench .....                                                                      | 1   |
| 31   | BW-11    | Hair Pin - 3/16 x 3 3/4 .....                                                                 | 1   |
| 32   | C18510   | Nylon Bushing - 1 7/8 .....                                                                   | 4   |
| 33   | S34730   | Extension Frame (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....                  | 2   |
| 34   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....        | 4   |
| 35   | W-517    | Hex Nut - 5/8 (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....                    | 8   |
| 36   | W-526    | Lockwasher - 5/8 (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....                 | 8   |
| 37   | S32590   | Hex Bolt - 3/4 x 7 (Grade 8) (Prior to Oct 2003) .....                                        | 40  |
|      | S39487   | Hex Bolt - 1 x 8 (Grade 8) .....                                                              | 40  |
| 38   | W-527    | Lockwasher - 3/4 (Prior to Oct 2003) .....                                                    | 40  |
|      | C-705    | Lockwasher - 1 .....                                                                          | 40  |
| 39   | W-518    | Hex Nut - 3/4 (Prior to Oct 2003) .....                                                       | 40  |
|      | W-520    | Hex Nut - 1 .....                                                                             | 40  |
| 40   | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....                                                        | 2   |
| 41   | S34196   | Decal - "Raise/Lower" (Not Shown) .....                                                       | 8   |

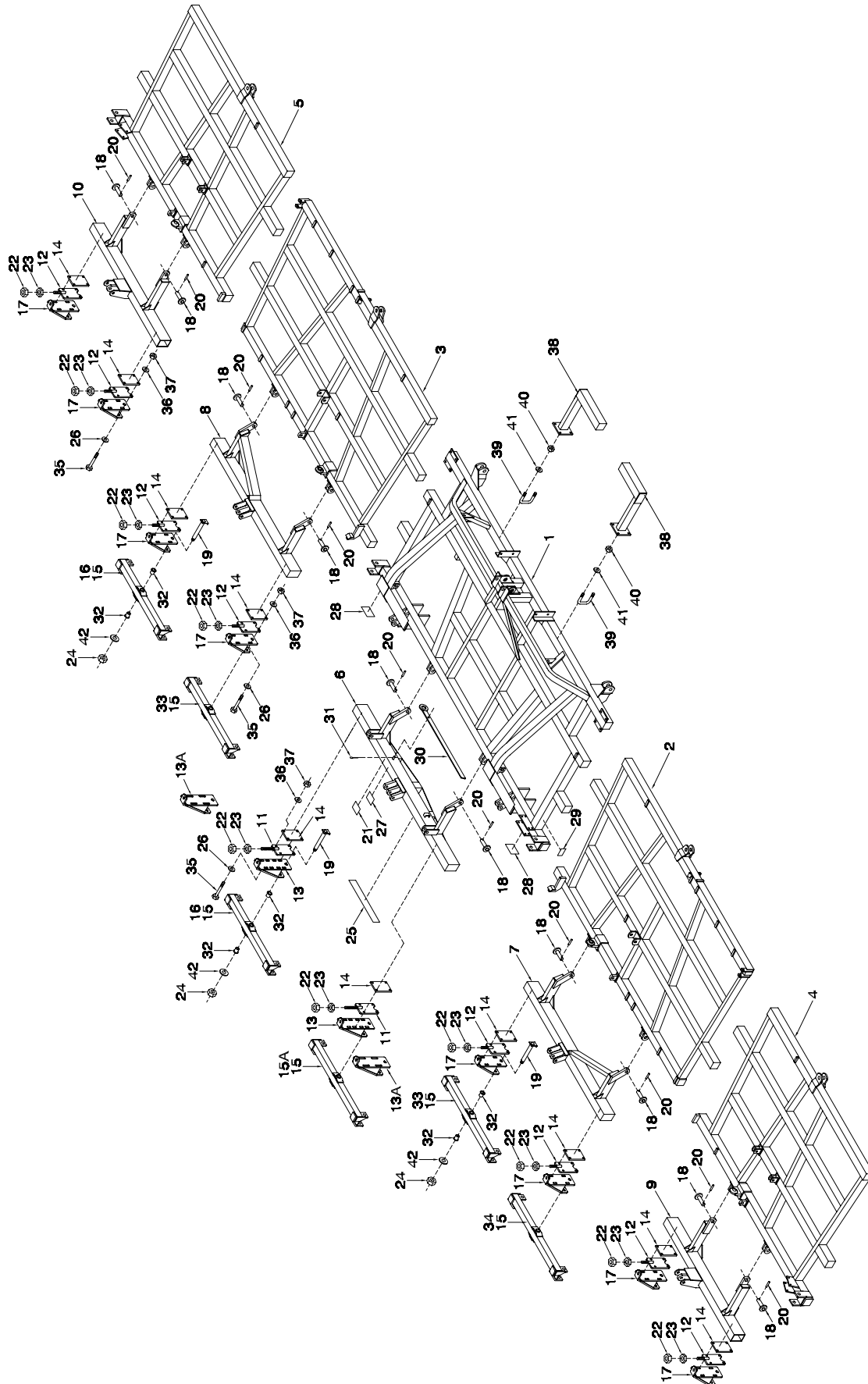
## Frames 55 ft Frames



## Frames - 55 ft Frames

| Item | Part No. | Description                                                                                   | Qty |
|------|----------|-----------------------------------------------------------------------------------------------|-----|
| 1    | S33590   | Main Frame .....                                                                              | 1   |
| 2    | S22058   | Right Inner Wing Frame .....                                                                  | 1   |
| 3    | S22059   | Left Inner Wing Frame .....                                                                   | 1   |
| 4    | S22079   | Right Outer Wing Frame .....                                                                  | 1   |
| 5    | S22080   | Left Outer Wing Frame .....                                                                   | 1   |
| 6    | S22288   | Main Packer Frame .....                                                                       | 1   |
| 7    | S22598   | Right Inner Packer Frame .....                                                                | 1   |
| 8    | S22597   | Left Inner Packer Frame .....                                                                 | 1   |
| 9    | S32586   | Right Outer Packer Frame .....                                                                | 1   |
| 10   | S32587   | Left Outer Packer Frame .....                                                                 | 1   |
| 11   | S32418   | Adjustment Plate - Long (Prior to Oct 2003) .....                                             | 2   |
|      | S39492   | Adjustment Plate - Long .....                                                                 | 2   |
| 12   | S32419   | Adjustment Plate - Short (Prior to Oct 2003) .....                                            | 8   |
|      | S39502   | Adjustment Plate - Short .....                                                                | 8   |
| 13   | S32426   | Packer Pivot Arm Mounting Bracket (Prior to Oct 2003) .....                                   | 2   |
|      | S39499   | Packer Pivot Arm Mounting Bracket .....                                                       | 2   |
|      | S44290   | UNIVERSAL PACKER BRACKET - MAIN (Replaces S39499 & S39497) .....                              | 2   |
| 13A  | S32582   | Packer Pivot Arm Mounting Bracket (Harrow/Fertilizer Coulters Only) (Prior to Oct 2003) ..... | 2   |
|      | S39497   | Packer Pivot Arm Mounting Bracket (Harrow/Fertilizer Coulters Only) .....                     | 2   |
| 14   | S32414   | Backing Plate (Prior to Oct 2003) .....                                                       | 10  |
|      | S39489   | Backing Plate .....                                                                           | 10  |
| 15   | S26749   | Pivot Arm (for 10" spacing) .....                                                             | 6   |
| 15A  | S22492   | Right Main Pivot Arm (for 12" spacing) .....                                                  | 1   |
| 16   | S22491   | Left Main Pivot Arm (for 12" spacing) .....                                                   | 2   |
| 17   | S32427   | Packer Evener Mounting Bracket .....                                                          | 8   |
| 18   | S22217   | Pin - 1 1/4 x 2 7/8 UL .....                                                                  | 10  |
| 19   | C18529   | Pin - 1 1/4 x 7 1/32 UL .....                                                                 | 6   |
| 20   | P106023  | Spiral Pin - 3/8 x 2 HD .....                                                                 | 10  |
| 21   | S29378   | Decal - "Danger" .....                                                                        | 1   |
| 22   | W-520    | Nut - 1 .....                                                                                 | 10  |
| 23   | S-711    | Jam nut - 1 .....                                                                             | 10  |
| 24   | D-5274   | Locknut - 1 .....                                                                             | 6   |
| 25   | S33479   | Decal - "MAXIM II" .....                                                                      | 1   |
| 26   | W-476    | Flatwasher (Prior to Oct 2003) .....                                                          | 40  |
|      | S39482   | 1 Square Flatwasher - 3/8 Thick .....                                                         | 40  |
|      | S39540   | 1 Square Flatwasher - 1/8 Thick (Used with Pivot Arms made prior to Nov 2003) .....           | 12  |
| 27   | D-4939   | Decal - "Attention" .....                                                                     | 1   |
| 28   | S22441   | Decal - "Caution" .....                                                                       | 2   |
| 29   | C11029   | Serial Plate .....                                                                            | 1   |
| 30   | D12865   | Gang Torque Wrench .....                                                                      | 1   |
| 31   | BW-11    | Hair Pin - 3/16 x 3 3/4 .....                                                                 | 1   |
| 32   | C18510   | Nylon Bushing - 1 7/8 .....                                                                   | 12  |
| 33   | S22629   | Wing Pivot Arm (for 12" Spacing Only) .....                                                   | 2   |
| 34   | S26748   | Wing Pivot Arm - Right (for 12" Spacing Only) .....                                           | 1   |
| 35   | S32590   | Hex Bolt - 3/4 x 7 (Grade 8) .....                                                            | 40  |
|      | S39487   | Hex Bolt - 1 x 8 (Grade 8) .....                                                              | 40  |
| 36   | W-527    | Lockwasher - 3/4 .....                                                                        | 40  |
|      | C-705    | Lockwasher - 1 .....                                                                          | 40  |
| 37   | W-518    | Hex Nut - 3/4 .....                                                                           | 40  |
|      | W-520    | Hex Nut - 1 .....                                                                             | 40  |
| 38   | S34730   | Extension Frame (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....                  | 2   |
| 39   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....        | 4   |
| 40   | W-517    | Hex Nut - 5/8 (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....                    | 8   |
| 41   | W-526    | Lockwasher - 5/8 (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....                 | 8   |
| 42   | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....                                                        | 6   |
| 43   | S34196   | Decal - "Raise/Lower" (Not Shown) .....                                                       | 8   |

## Frames 60 ft Frames



## Frames - 60 ft Frames

| Item | Part No. | Description                                                                                   | Qty |
|------|----------|-----------------------------------------------------------------------------------------------|-----|
| 1    | S33590   | Main Frame .....                                                                              | 1   |
| 2    | S22058   | Right Inner Wing Frame .....                                                                  | 1   |
| 3    | S22059   | Left Inner Wing Frame .....                                                                   | 1   |
| 4    | S22076   | Right Outer Wing Frame .....                                                                  | 1   |
| 5    | S22077   | Left Outer Wing Frame .....                                                                   | 1   |
| 6    | S22288   | Main Packer Frame .....                                                                       | 1   |
| 7    | S22598   | Right Inner Packer Frame .....                                                                | 1   |
| 8    | S22597   | Left Inner Packer Frame .....                                                                 | 1   |
| 9    | S32584   | Right Outer Packer Frame .....                                                                | 1   |
| 10   | S32585   | Left Outer Packer Frame .....                                                                 | 1   |
| 11   | S32418   | Adjustment Plate - Long (Prior to Oct 2003) .....                                             | 2   |
|      | S39492   | Adjustment Plate - Long .....                                                                 | 2   |
| 12   | S32419   | Adjustment Plate - Short (Prior to Oct 2003) .....                                            | 8   |
|      | S39502   | Adjustment Plate - Short .....                                                                | 8   |
| 13   | S32426   | Packer Pivot Arm Mounting Bracket (Prior to Oct 2003) .....                                   | 2   |
|      | S39499   | Packer Pivot Arm Mounting Bracket .....                                                       | 2   |
|      | S44290   | UNIVERSAL PACKER BRACKET - MAIN (Replaces S39499 & S39497) .....                              | 2   |
| 13A  | S32582   | Packer Pivot Arm Mounting Bracket (Harrow/Fertilizer Coulters Only) (Prior to Oct 2003) ..... | 2   |
|      | S39497   | Packer Pivot Arm Mounting Bracket (Harrow/Fertilizer Coulters Only) .....                     | 2   |
| 14   | S32414   | Backing Plate (Prior to Oct 2003) .....                                                       | 10  |
|      | S39489   | Backing Plate .....                                                                           | 10  |
| 15   | S26749   | Pivot Arm (for 10" spacing) .....                                                             | 6   |
| 15A  | S22492   | Right Main Pivot Arm (for 12" spacing) .....                                                  | 1   |
| 16   | S22491   | Left Main Pivot Arm (for 12" spacing) .....                                                   | 2   |
| 17   | S32427   | Packer Evener Mounting Bracket (Prior to Oct 2003) .....                                      | 8   |
|      | S39498   | Packer Evener Mounting Bracket .....                                                          | 8   |
| 18   | S22217   | Pin - 1 1/4 x 2 7/8 UL .....                                                                  | 10  |
| 19   | C18529   | Pin - 1 1/4 x 7 1/32 UL .....                                                                 | 6   |
| 20   | P106023  | Spiral Pin - 3/8 x 2 HD .....                                                                 | 10  |
| 21   | S29378   | Decal - "Danger" .....                                                                        | 1   |
| 22   | W-520    | Nut - 1 .....                                                                                 | 10  |
| 23   | S-711    | Jam nut - 1 .....                                                                             | 10  |
| 24   | D-5274   | Locknut - 1 .....                                                                             | 6   |
| 25   | C-3902   | Decal - "MORRIS" .....                                                                        | 1   |
| 26   | W-476    | Flatwasher (Prior to Oct 2003) .....                                                          | 40  |
|      | S39482   | 1 Square Flatwasher - 3/8 Thick .....                                                         | 40  |
|      | S39540   | 1 Square Flatwasher - 1/8 Thick (Used with Pivot Arms made prior to Nov 2003) .....           | 12  |
| 27   | D-4939   | Decal - "Attention" .....                                                                     | 1   |
| 28   | S22441   | Decal - "Caution" .....                                                                       | 2   |
| 29   | C11029   | Serial Plate .....                                                                            | 1   |
| 30   | D12865   | Gang Torque Wrench .....                                                                      | 1   |
| 31   | BW-11    | Hair Pin - 3/16 x 3 3/4 .....                                                                 | 1   |
| 32   | C18510   | Nylon Bushing - 1 7/8 .....                                                                   | 12  |
| 33   | S22629   | Wing Pivot Arm (for 12" Spacing Only) .....                                                   | 2   |
| 34   | S26748   | Wing Pivot Arm - Right (for 12" Spacing Only) .....                                           | 1   |
| 35   | S32590   | Hex Bolt - 3/4 x 7 (Grade 8) (Prior to Oct 2003) .....                                        | 40  |
|      | S39487   | Hex Bolt - 1 x 8 (Grade 8) .....                                                              | 40  |
| 36   | W-527    | Lockwasher - 3/4 (Prior to Oct 2003) .....                                                    | 40  |
|      | C-705    | Lockwasher - 1 .....                                                                          | 40  |
| 37   | W-518    | Hex Nut - 3/4 (Prior to Oct 2003) .....                                                       | 40  |
|      | W-520    | Hex Nut - 1 .....                                                                             | 40  |
| 38   | S34730   | Extension Frame (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....                  | 2   |
| 39   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....        | 4   |
| 40   | W-517    | Hex Nut - 5/8 (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....                    | 8   |
| 41   | W-526    | Lockwasher - 5/8 (for 7 1/2" Spacing & Harrow/Fertilizer Coulters Only) .....                 | 8   |
| 42   | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....                                                        | 6   |
| 43   | S34196   | Decal - "Raise/Lower" (Not Shown) .....                                                       | 8   |

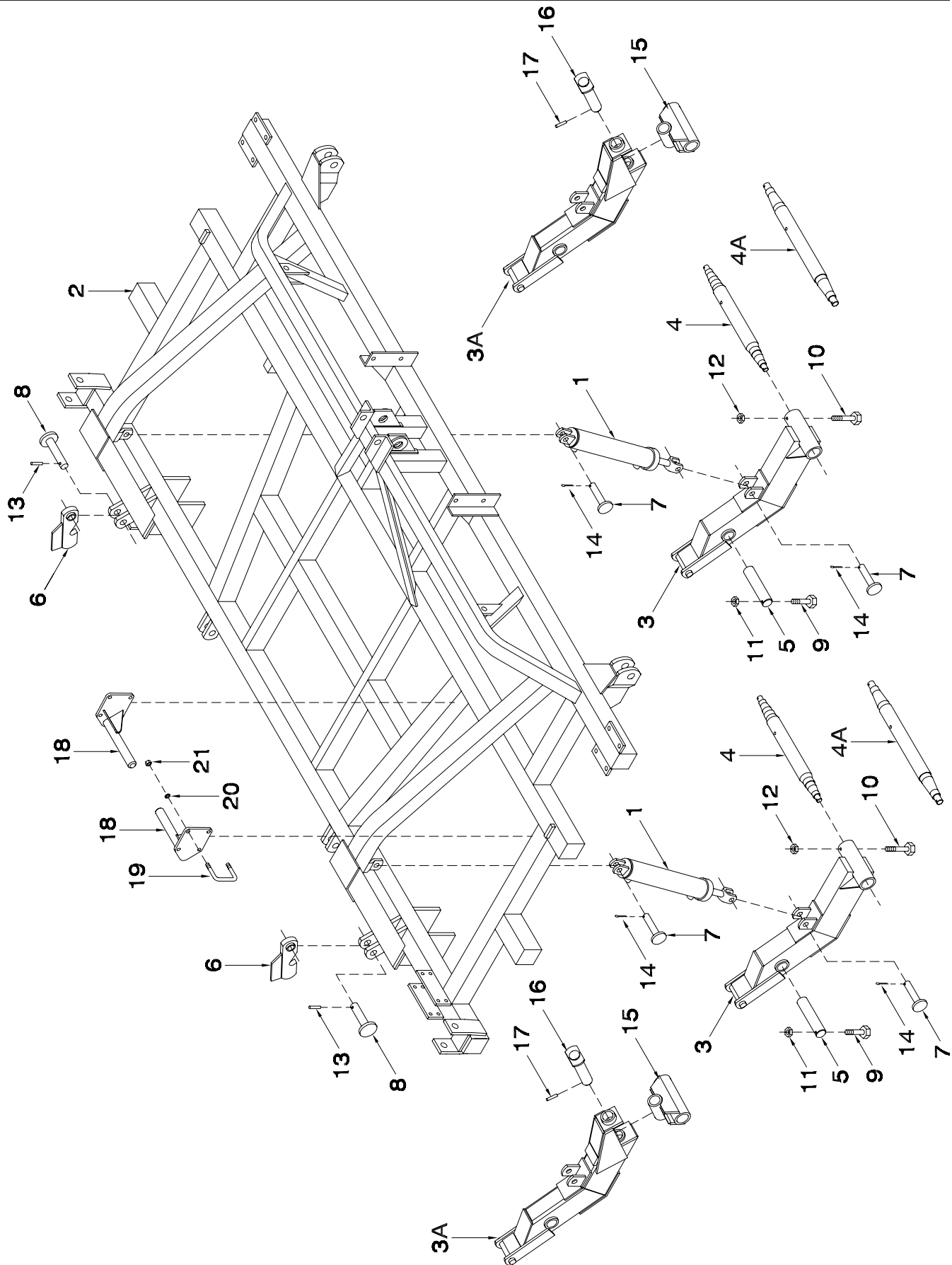


## Section 3: Transport Axle

### Section Contents

|                                  |     |
|----------------------------------|-----|
| Main Frame Transport Axles ..... | 3-2 |
|----------------------------------|-----|

## Axles Main Frame Transport Axles



## Axles - Main Frame Transport Axles

| Item | Part No.  | Description                                         | Qty |
|------|-----------|-----------------------------------------------------|-----|
| 1    | C22393    | Hyd Cylinder - 3 1/2 x 12 .....                     | 2   |
| 2    | * * * * * | Main Frame .....                                    | 1   |
| 3    | S22243    | Transport Axle (for 29', 34' & 39' only) .....      | 2   |
| 3A   | S29886    | Transport Axle (for 49', 55' & 60') .....           | 2   |
| 4    | S22556    | Spindle - 6 Bolt (29' & 34') .....                  | 2   |
| 4A   | S22555    | Spindle - 8 Bolt (39', 49', 55' & 60') .....        | 2   |
| 5    | S22305    | Pivot Shaft .....                                   | 2   |
| 6    | S22574    | Transport Lock .....                                | 2   |
| 7    | C-1429    | Pin - 1 x 3 3/8 UL .....                            | 4   |
| 8    | C14714    | Pin - 1 1/4 x 4 1/8 UL .....                        | 2   |
| 9    | D-4294    | Hex Bolt - 3/8 x 3 1/4 .....                        | 2   |
| 10   | W-495     | Hex Bolt - 1/2 x 4 .....                            | 2   |
| 11   | M-3388    | Locknut - 3/8 .....                                 | 2   |
| 12   | F-3405    | Locknut - 1/2 .....                                 | 2   |
| 13   | P106023   | Spiral Pin - 3/8 x 2 .....                          | 2   |
| 14   | W-535     | Cotter Pin - 1/4 x 1 1/2 .....                      | 4   |
| 15   | S29878    | Transport Axle Pivot (for 49', 55' & 60') .....     | 2   |
| 16   | S29876    | Transport Axle Pivot Pin (for 49', 55' & 60') ..... | 2   |
| 17   | C-728     | Spiral Pin - 3/8 x 2 3/4 (for 49', 55' & 60') ..... | 2   |
| 18   | S32271    | Tire Stop Bracket .....                             | 4   |
| 19   | C-219     | U-Bolt - 5/8x 4 x 5 9/16 .....                      | 8   |
| 20   | W-526     | Lockwasher - 5/8 .....                              | 16  |
| 21   | W-517     | Hex Nut - 5/8 .....                                 | 16  |

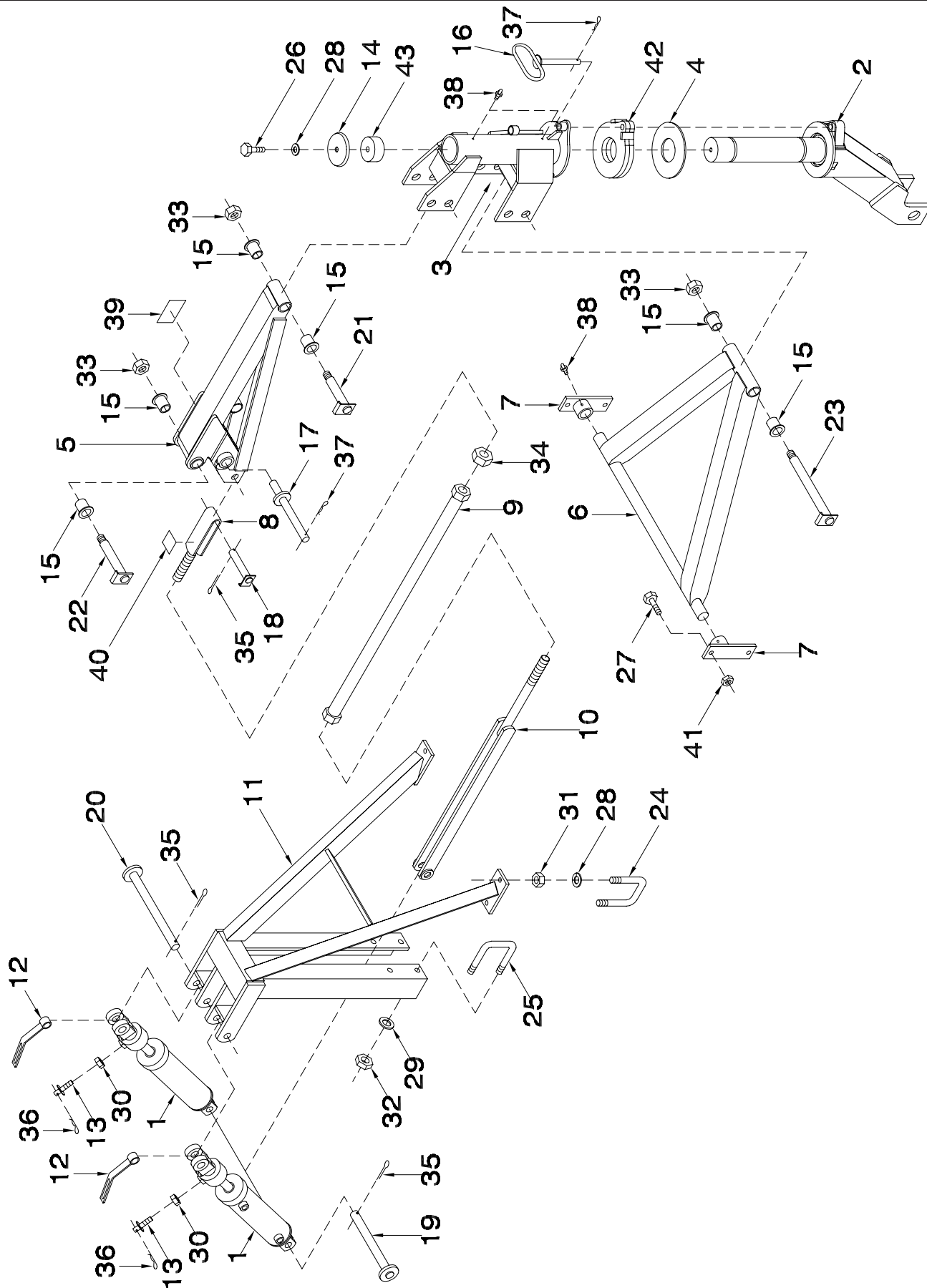


## Section 4: Depth Control Linkage

### Section Contents

|                                                                    |      |
|--------------------------------------------------------------------|------|
| Main Gauge Wheel .....                                             | 4-2  |
| Right Gauge Wheel 29 ft, 39 ft, 49 ft & 55ft Outer Wing .....      | 4-4  |
| Left Gauge Wheel 29 ft, 39 ft, 49 ft & 55ft Outer Wing .....       | 4-6  |
| Right Gauge Wheel 34 ft, 49 ft Inner Wing & 60 ft Outer Wing ..... | 4-8  |
| Left Gauge Wheel 34 ft, 49 ft Inner Wing & 60 ft Outer Wing .....  | 4-10 |
| Right Gauge Wheel 55 ft & 60 ft Inner Wing .....                   | 4-12 |
| Left Gauge Wheel 55 ft & 60 ft Inner Wing .....                    | 4-14 |

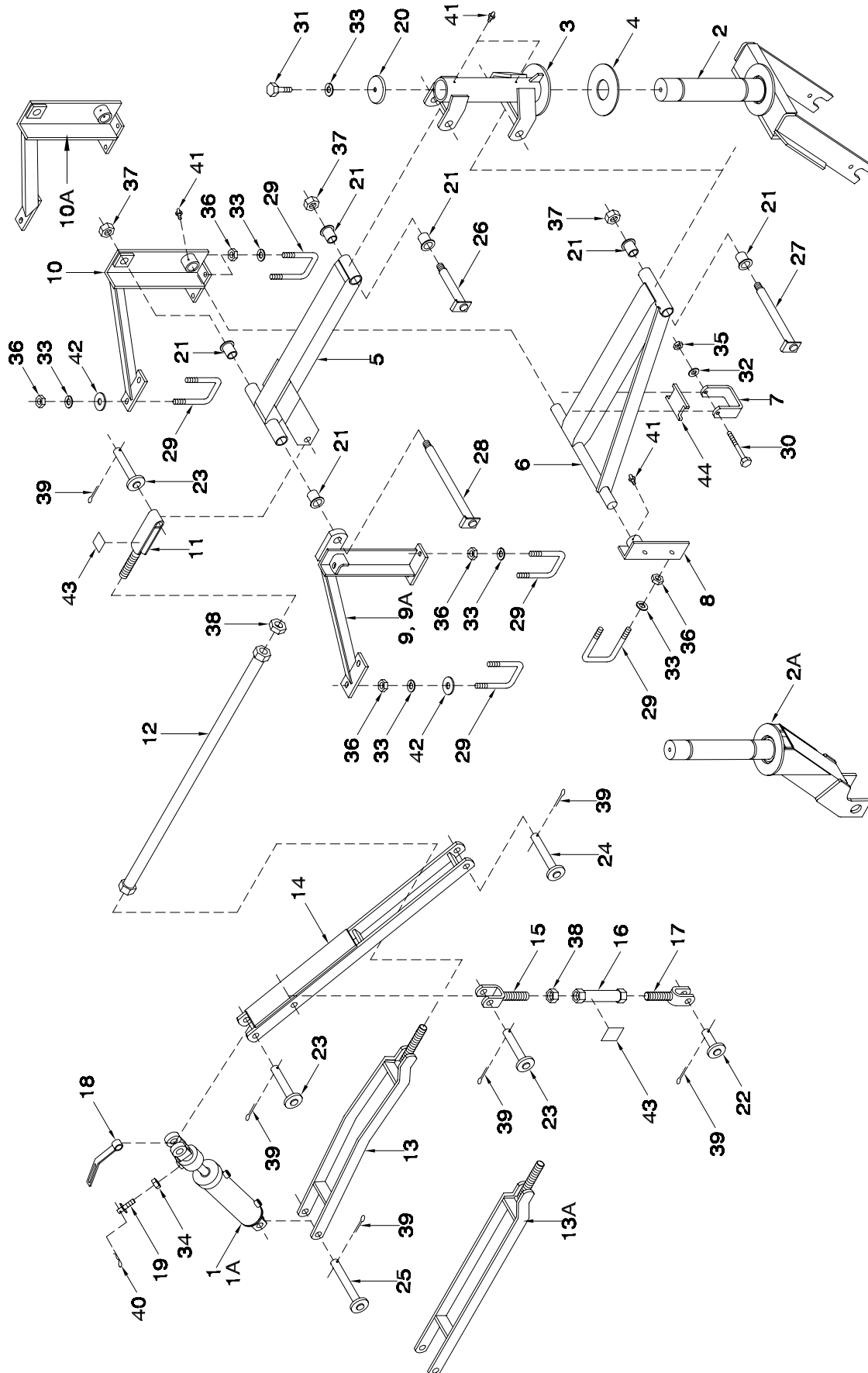
# Depth Control Linkage Main Gauge Wheel



## Main Gauge Wheel Depth Control Linkage

| Item | Part No. | Description                                              | Qty |
|------|----------|----------------------------------------------------------|-----|
| 1    | C-2225   | Hyd Cylinder - 3 1/2 x 8 GBP .....                       | 2   |
| 2    | S32558   | Main Castor Fork - Dual Wheel .....                      | 1   |
| 3    | S32550   | Main Castor Bracket .....                                | 1   |
| 4    | N19423   | Wear Plate .....                                         | 1   |
| 5    | S22310   | Main Upper Link .....                                    | 1   |
| 6    | S22328   | Main Lower Link .....                                    | 1   |
| 7    | S22150   | Mounting Collar .....                                    | 2   |
| 8    | S22369   | Main Clevis - RH .....                                   | 1   |
| 9    | S22216   | Long Turnbuckle Body .....                               | 1   |
| 10   | S22222   | Main Clevis Strap - LH .....                             | 1   |
| 11   | S22543   | Main Depth Tower .....                                   | 1   |
| 12   | S22358   | Collar Lock Bracket .....                                | 2   |
| 13   | S22360   | Collar Lock Stud .....                                   | 2   |
| 14   | C18781   | Cap .....                                                | 1   |
| 15   | C18510   | Nylon Bushing - 1 7/8 .....                              | 6   |
| 16   | S33404   | Pin - Castor Lock - 3/4 x 6 1/2 .....                    | 1   |
| 17   | S29906   | Pin - Transport Lock - 1 1/4 x 8 UL .....                | 1   |
| 18   | S29904   | Pin - 1 x 4 1/8 UL .....                                 | 1   |
| 19   | S22544   | Pin - 1 x 9 1/4 UL .....                                 | 1   |
| 20   | S22215   | Pin - 1 x 11 1/2 UL .....                                | 1   |
| 21   | C18527   | Pin - 1 1/4 x 5 25/32 UL .....                           | 1   |
| 22   | C18529   | Pin - 1 1/4 x 7 1/32 UL .....                            | 1   |
| 23   | C18524   | Pin - 1 1/4 x 10 3/32 UL .....                           | 1   |
| 24   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 .....                          | 2   |
| 25   | C-5561   | U-Bolt - 3/4 x 4 x 5 9/16 .....                          | 2   |
| 26   | W-497    | Hex Bolt - 5/8 x 1 1/2 .....                             | 1   |
| 26A  | C-3016   | Hex Bolt - 5/8 x 3 (Harrow and Fertilizer Coulter) ..... | 1   |
| 27   | D12164   | Hex Bolt - 5/8 x 2 (Gr 8) .....                          | 4   |
| 28   | W-526    | Lockwasher - 5/8 .....                                   | 5   |
| 29   | W-527    | Lockwasher - 3/4 .....                                   | 4   |
| 30   | W-514    | Hex Nut - 3/8 .....                                      | 2   |
| 31   | W-517    | Hex Nut - 5/8 .....                                      | 4   |
| 32   | W-518    | Hex Nut - 3/4 .....                                      | 4   |
| 33   | D-5274   | Locknut - 1 .....                                        | 3   |
| 34   | P61D20   | Hex Nut - 1 1/4 .....                                    | 1   |
| 35   | W-535    | Cotter Pin - 1/4 x 1 1/2 .....                           | 3   |
| 36   | D17315   | Hair Pin - 3/32 x 1 5/8 .....                            | 2   |
| 37   | BW-11    | Hair Pin - 3/16 x 3 3/4 .....                            | 2   |
| 38   | S-752    | Grease Zerk - 1/4 Straight .....                         | 4   |
| 39   | F-4644   | Decal - "Caution" .....                                  | 1   |
| 40   | S22729   | Decal - "Raise-Lower" .....                              | 1   |
| 41   | W14434   | Serrated Locknut - 5/8 .....                             | 4   |
| 42   | S32594   | Castor Spacer (Harrow and Fertilizer Coulter) .....      | 1   |
| 43   | S32593   | Castor Plug (Harrow and Fertilizer Coulter) .....        | 1   |

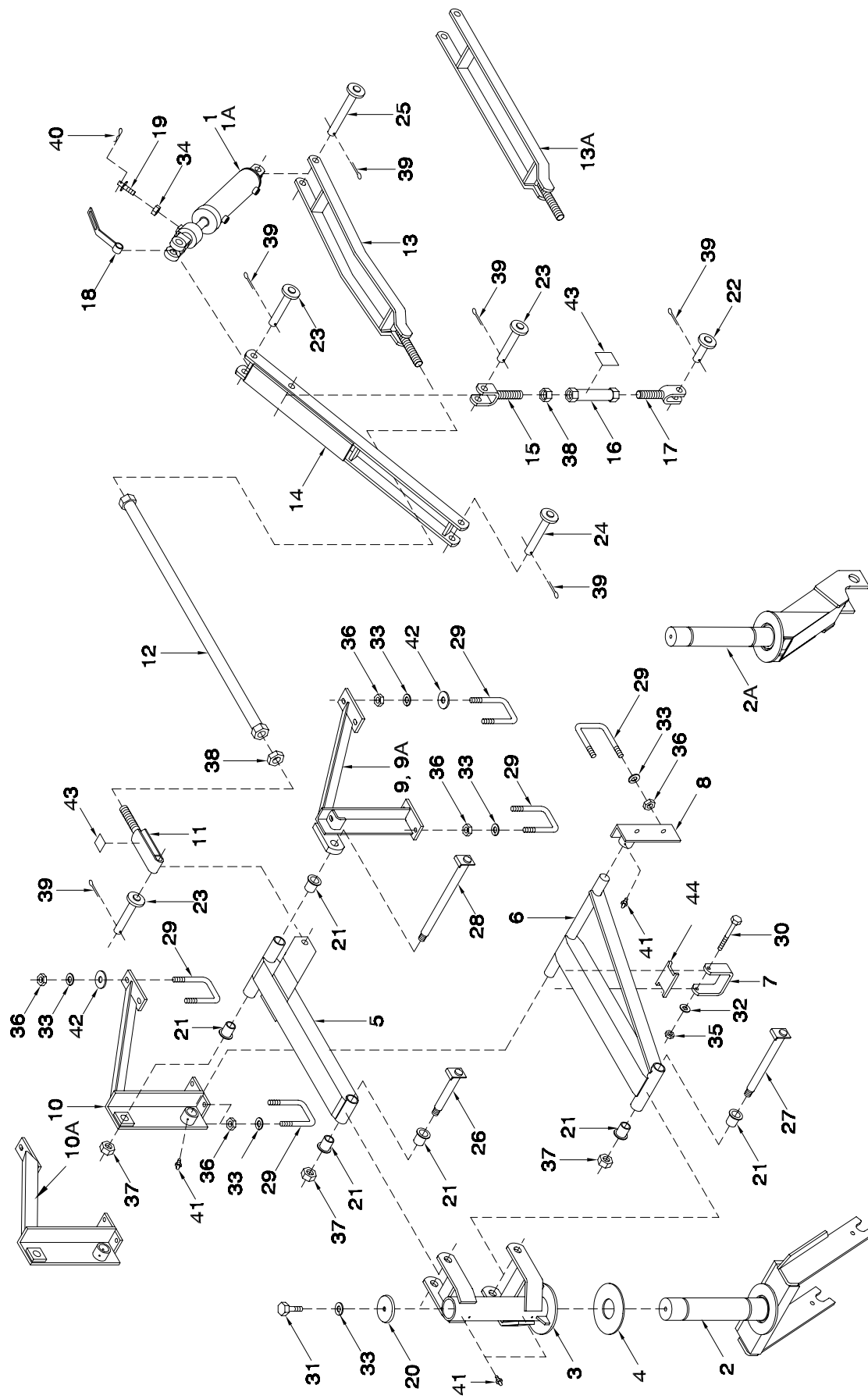
# **Depth Control Linkage** **Right Gauge Wheel 29 ft, 39 ft, 49 ft & 55ft Outer Wing**



## Depth Control Linkage - Right Gauge Wheel 29 ft, 39 ft, 49 ft & 55 ft Outer Wing

| Item | Part No. | Description                                                                  | Qty |
|------|----------|------------------------------------------------------------------------------|-----|
| 1    | C-2224   | Hyd Cylinder - 3 x 8 GBP .....                                               | 1   |
| 1A   | C-2223   | Hyd Cylinder - 2 1/2 x 8 GBP (49' & 55' only) .....                          | 1   |
| 2    | C18657   | Wing Castor Fork - Single Wheel .....                                        | 1   |
| 2A   | S45720   | Wing Castor Fork - Dual Wheel .....                                          | 1   |
| 3    | C17436   | Wing Castor Bracket - Single Wheel .....                                     | 1   |
| 3A   | S32551   | Castor Bracket - Dual Wheel .....                                            | 1   |
| 4    | C18662   | Wear Plate .....                                                             | 1   |
| 5    | S22314   | Wing Upper Link .....                                                        | 1   |
| 6    | S22318   | Wing Lower Link .....                                                        | 1   |
| 7    | S22350   | Link Arm Wear Plate .....                                                    | 1   |
| 8    | S22252   | Right Pivot Bracket .....                                                    | 1   |
| 9    | S22261   | Right Upper Mounting Bracket .....                                           | 1   |
| 9A   | S28710   | Right Upper Mounting Bracket (For Fertilizer Coulter - 39 ft Only) .....     | 1   |
| 10   | S22269   | Right Mounting Bracket .....                                                 | 1   |
| 10A  | S28699   | Right Mounting Bracket .....                                                 |     |
|      |          | (For Harrows - All Models) (Fertilizer Coulter - 29 ft and 49 ft Only) ..... | 1   |
| 11   | S22368   | Wing Clevis - RH .....                                                       | 1   |
| 12   | S22216   | Long Turnbuckle Body .....                                                   | 1   |
| 13   | S22357   | Wing Clevis Strap - LH .....                                                 | 1   |
| 13A  | S22225   | Wing Clevis Strap - LH (for 55' only) .....                                  | 1   |
| 14   | S22233   | Wing Depth Tower .....                                                       | 1   |
| 15   | S22207   | Clevis - RH .....                                                            | 1   |
| 16   | S22212   | Short Turnbuckle Body .....                                                  | 1   |
| 17   | S22208   | Clevis - LH .....                                                            | 1   |
| 18   | S22358   | Collar Lock Bracket .....                                                    | 1   |
| 19   | S22360   | Collar Lock Stud .....                                                       | 1   |
| 20   | C18782   | Cap .....                                                                    | 1   |
| 21   | C18510   | Nylon Bushing - 1 7/8 .....                                                  | 6   |
| 22   | W-558    | Pin - 1 x 2 1/4 UL .....                                                     | 1   |
| 23   | C-3717   | Pin - 1 x 4 1/8 UL .....                                                     | 3   |
| 24   | F-3645   | Pin - 1 x 5 1/4 UL .....                                                     | 1   |
| 25   | D17974   | Pin - 1 x 6 7/8 UL .....                                                     | 1   |
| 26   | C18527   | Pin - 1 1/4 x 5 25/32 UL .....                                               | 1   |
| 27   | C18524   | Pin - 1 1/4 x 10 3/32 UL .....                                               | 1   |
| 28   | S22126   | Pin - 1 1/4 x 13 31/32 UL .....                                              | 1   |
| 29   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 .....                                              | 6   |
| 30   | W-995    | Hex Bolt - 1/2 x 6 .....                                                     | 1   |
| 31   | W-497    | Hex Bolt - 5/8 x 1 1/2 .....                                                 | 1   |
| 32   | W-525    | Lockwasher - 1/2 .....                                                       | 1   |
| 33   | W-526    | Lockwasher - 5/8 .....                                                       | 13  |
| 34   | W-514    | Hex Nut - 3/8 .....                                                          | 1   |
| 35   | W-516    | Hex Nut - 1/2 .....                                                          | 1   |
| 36   | W-517    | Hex Nut - 5/8 .....                                                          | 12  |
| 37   | D-5274   | Locknut - 1 .....                                                            | 3   |
| 38   | P61D20   | Hex Nut - 1 1/4 .....                                                        | 2   |
| 39   | W-535    | Cotter Pin - 1/4 x 1 1/2 .....                                               | 6   |
| 40   | D17315   | Hair Pin - 3/32 x 1 5/8 .....                                                | 1   |
| 41   | S-752    | Grease Zerk - 1/4 Straight .....                                             | 4   |
| 42   | W-629    | Flatwasher - 5/8 .....                                                       | 4   |
| 43   | S22729   | Decal - "Raise-Lower" .....                                                  | 2   |
| 44   | S22731   | Spacer Plate .....                                                           | 1   |

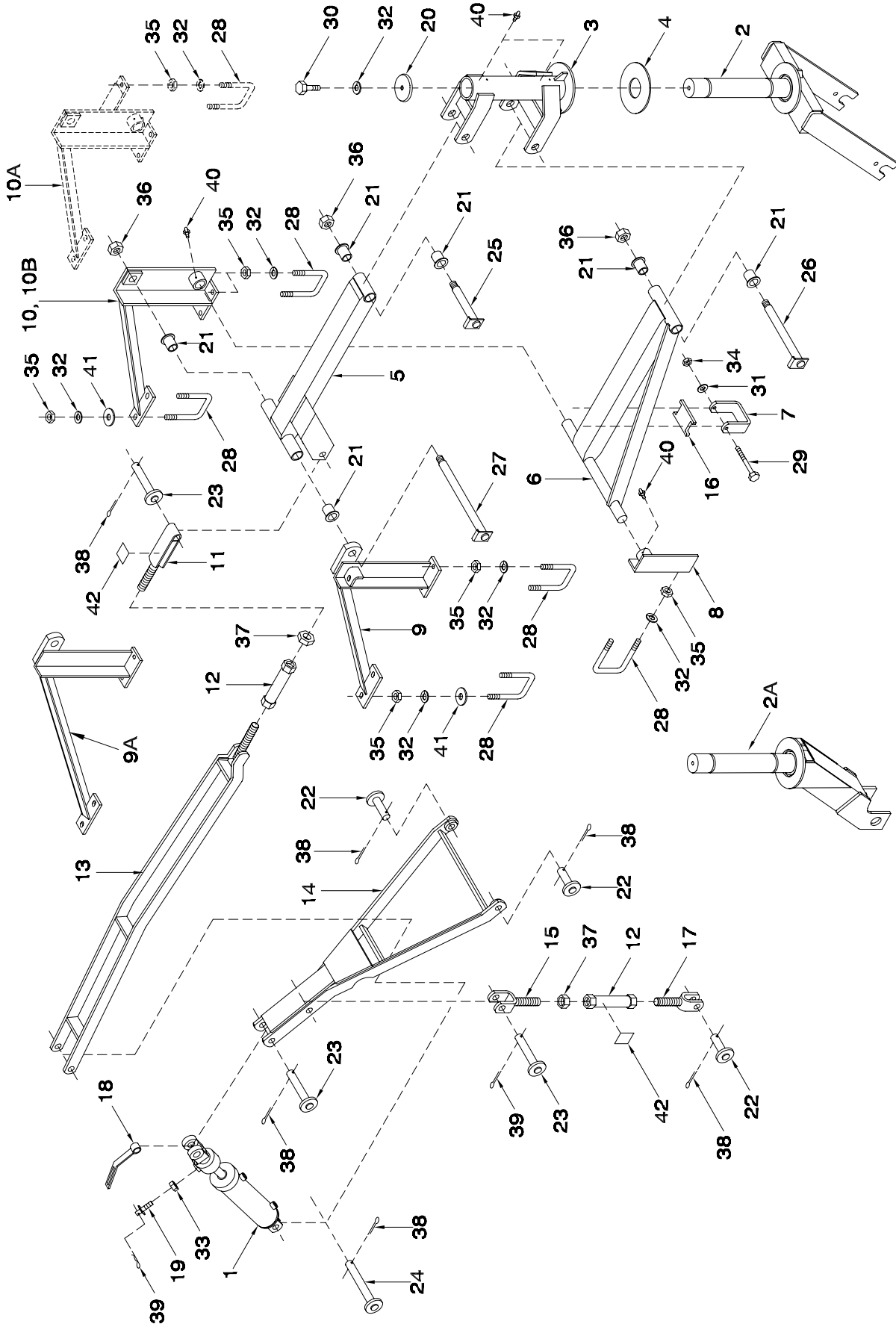
# **Depth Control Linkage** **Left Gauge Wheel 29 ft, 39 ft, 49 ft & 55ft Outer Wing**



## Depth Control Linkage - Left Gauge Wheel 29 ft, 39 ft, 49 ft & 55 ft Outer Wing

| Item | Part No. | Description                                                                  | Qty |
|------|----------|------------------------------------------------------------------------------|-----|
| 1    | C-2224   | Hyd Cylinder - 3 x 8 GBP .....                                               | 1   |
| 1A   | C-2223   | Hyd Cylinder - 2 1/2 x 8 GBP (49' & 55' only) .....                          | 1   |
| 2    | C18657   | Wing Castor Fork - Single Wheel .....                                        | 1   |
| 2A   | S45720   | Wing Castor Fork - Dual Wheel .....                                          | 1   |
| 3    | C17436   | Wing Castor Bracket - Single Wheel .....                                     | 1   |
| 3A   | S32551   | Castor Bracket - Dual Wheel .....                                            | 1   |
| 4    | C18662   | Wear Plate .....                                                             | 1   |
| 5    | S22314   | Wing Upper Link .....                                                        | 1   |
| 6    | S22318   | Wing Lower Link .....                                                        | 1   |
| 7    | S22350   | Link Arm Wear Plate .....                                                    | 1   |
| 8    | S22250   | Left Pivot Bracket .....                                                     | 1   |
| 9    | S22260   | Left Upper Mounting Bracket .....                                            | 1   |
| 9A   | S28709   | Left Upper Mounting Bracket (For Fertilizer Coulter - 39 ft Only) .....      | 1   |
| 10   | S22268   | Left Mounting Bracket .....                                                  | 1   |
| 10A  | S28698   | Left Mounting Bracket .....                                                  | 1   |
|      |          | (For Harrows - All Models) (Fertilizer Coulter - 29 ft and 49 ft Only) ..... | 1   |
| 11   | S22368   | Wing Clevis - RH .....                                                       | 1   |
| 12   | S22216   | Long Turnbuckle Body .....                                                   | 1   |
| 13   | S22357   | Wing Clevis Strap - LH .....                                                 | 1   |
| 13A  | S22225   | Wing Clevis Strap - LH (for 55' only) .....                                  | 1   |
| 14   | S22233   | Wing Depth Tower .....                                                       | 1   |
| 15   | S22207   | Clevis - RH .....                                                            | 1   |
| 16   | S22212   | Short Turnbuckle Body .....                                                  | 1   |
| 17   | S22208   | Clevis - LH .....                                                            | 1   |
| 18   | S22358   | Collar Lock Bracket .....                                                    | 1   |
| 19   | S22360   | Collar Lock Stud .....                                                       | 1   |
| 20   | C18782   | Cap .....                                                                    | 1   |
| 21   | C18510   | Nylon Bushing - 1 7/8 .....                                                  | 6   |
| 22   | W-558    | Pin - 1 x 2 1/4 UL .....                                                     | 1   |
| 23   | C-3717   | Pin - 1 x 4 1/8 UL .....                                                     | 3   |
| 24   | F-3645   | Pin - 1 x 5 1/4 UL .....                                                     | 1   |
| 25   | D17974   | Pin - 1 x 6 7/8 UL .....                                                     | 1   |
| 26   | C18527   | Pin - 1 1/4 x 5 25/32 UL .....                                               | 1   |
| 27   | C18524   | Pin - 1 1/4 x 10 3/32 UL .....                                               | 1   |
| 28   | S22126   | Pin - 1 1/4 x 13 31/32 UL .....                                              | 1   |
| 29   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 .....                                              | 6   |
| 30   | W-995    | Hex Bolt - 1/2 x 6 .....                                                     | 1   |
| 31   | W-497    | Hex Bolt - 5/8 x 1 1/2 .....                                                 | 1   |
| 32   | W-525    | Lockwasher - 1/2 .....                                                       | 1   |
| 33   | W-526    | Lockwasher - 5/8 .....                                                       | 13  |
| 34   | W-514    | Hex Nut - 3/8 .....                                                          | 1   |
| 35   | W-516    | Hex Nut - 1/2 .....                                                          | 1   |
| 36   | W-517    | Hex Nut - 5/8 .....                                                          | 12  |
| 37   | D-5274   | Locknut - 1 .....                                                            | 3   |
| 38   | P61D20   | Hex Nut - 1 1/4 .....                                                        | 2   |
| 39   | W-535    | Cotter Pin - 1/4 x 1 1/2 .....                                               | 6   |
| 40   | D17315   | Hair Pin - 3/32 x 1 5/8 .....                                                | 1   |
| 41   | S-752    | Grease Zerk - 1/4 Straight .....                                             | 4   |
| 42   | W-629    | Flatwasher - 5/8 .....                                                       | 4   |
| 43   | S22729   | Decal - "Raise-Lower" .....                                                  | 2   |
| 44   | S22731   | Spacer Plate .....                                                           | 1   |

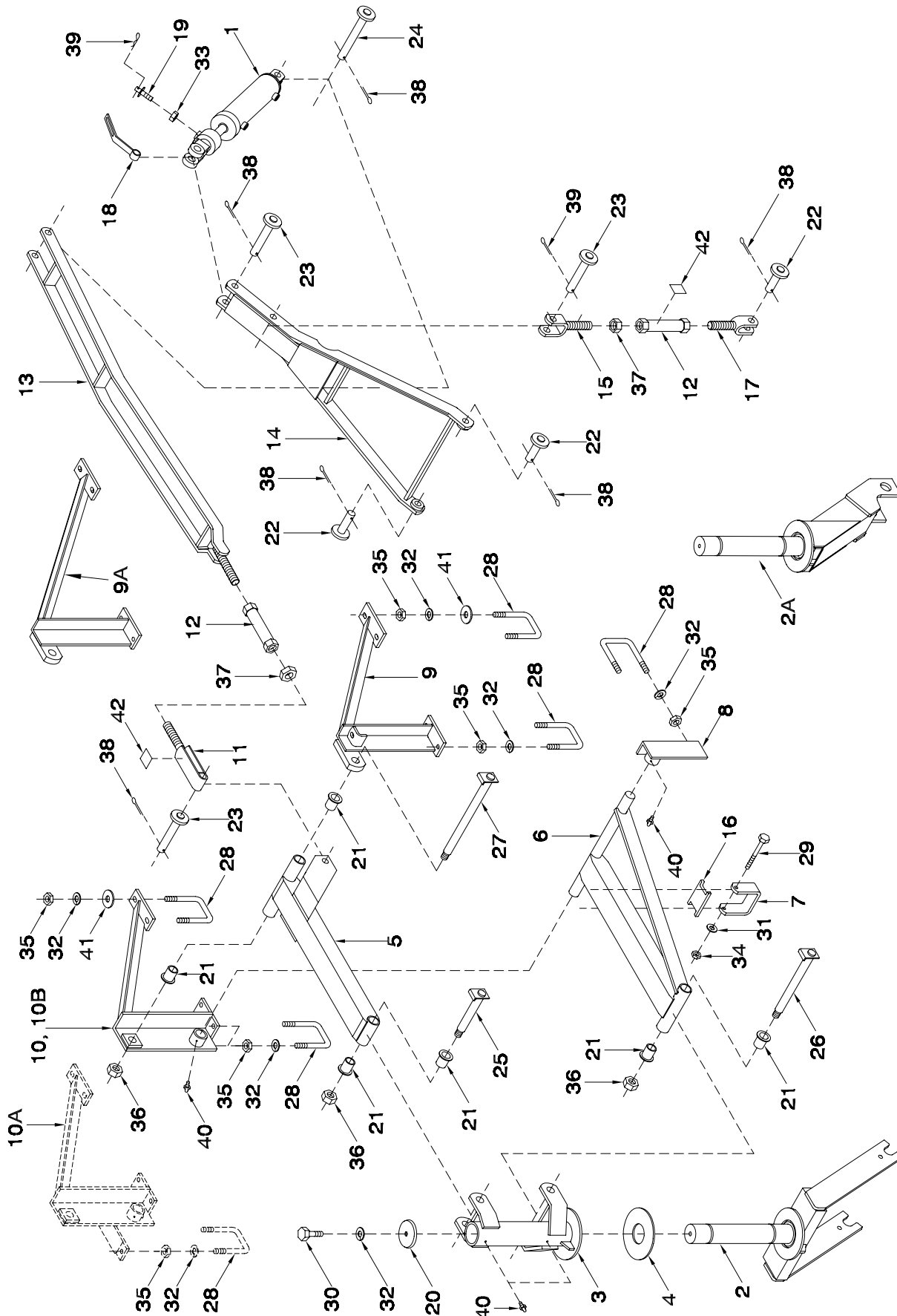
# Depth Control Linkage Right Gauge Wheel 34 ft, 49 ft Inner Wing & 60 ft Outer Wing



# Depth Control Linkage - Right Gauge Wheel 34 ft, 49 ft Inner Wing & 60 ft Outer Wing

| Item | Part No. | Description                                                        | No: Used |     |     |
|------|----------|--------------------------------------------------------------------|----------|-----|-----|
|      |          |                                                                    | 34'      | 39' | 60' |
| 1    | C-2224   | Hyd Cylinder - 3 x 8 GBP .....                                     | 1        | 1   | 1   |
| 1A   | C-2223   | Hyd Cylinder - 2 1/2 x 8 GBP .....                                 | -        | -   | 1   |
| 2    | S22329   | Wing Castor Fork - Single Wheel .....                              | 1        | 1   | 1   |
| 2A   | S45720   | Wing Castor Fork - Dual Wheel .....                                | 1        | 1   | 1   |
| 3    | C17436   | Wing Castor Bracket .....                                          | 1        | 1   | 1   |
| 3A   | S32551   | Castor Brkt - Dual Wheel .....                                     | 1        | 1   | 1   |
| 4    | C18662   | Wear Plate .....                                                   | 1        | 1   | 1   |
| 5    | S22314   | Wing Upper Link .....                                              | 1        | 1   | 1   |
| 6    | S22318   | Wing Lower Link .....                                              | 1        | 1   | 1   |
| 7    | S22350   | Link Arm Wear Plate (34' only) .....                               | 1        | -   | -   |
| 8    | S22252   | Right Pivot Bracket .....                                          | 1        | 1   | 1   |
| 9    | S22261   | Right Upper Mounting Bracket .....                                 | 1        | 1   | 1   |
| 9A   | S28710   | Right Upper Mounting Bracket .....                                 |          |     |     |
|      |          | (For Harrows - All Models) (Fertilizer Coulter - 49 ft Only) ..... | 1        | 1   | 1   |
| 10   | S22269   | Right Mounting Bracket (34' & 60' only) .....                      | 1        | -   | 1   |
| 10A  | S22364   | Right Mounting Bracket (49' only) .....                            | -        | 1   | -   |
| 10B  | S28699   | Right Upper Bracket (Fertilizer Coulter - 34 ft Only) .....        | 1        | -   | -   |
| 11   | S22368   | Wing Clevis - RH .....                                             | 1        | 1   | 1   |
| 12   | S22212   | Short Turnbuckle Body .....                                        | 2        | 2   | 2   |
| 13   | S31240   | Wing Clevis Strap - LH .....                                       | 1        | 1   | 1   |
| 14   | S22237   | Wing Depth Tower .....                                             | 1        | 1   | 1   |
| 15   | S22207   | Clevis - RH .....                                                  | 1        | 1   | 1   |
| 16   | S22731   | Spacer Plate .....                                                 | 1        | -   | -   |
| 17   | S22208   | Clevis - LH .....                                                  | 1        | 1   | 1   |
| 18   | S22358   | Collar Lock Bracket .....                                          | 1        | 1   | 1   |
| 19   | S22360   | Collar Lock Stud .....                                             | 1        | 1   | 1   |
| 20   | C18782   | Cap .....                                                          | 1        | 1   | 1   |
| 21   | C18510   | Nylon Bushing - 1 7/8 .....                                        | 6        | 6   | 6   |
| 22   | W-558    | Pin - 1 x 2 1/4 UL .....                                           | 3        | 3   | 3   |
| 23   | C-3717   | Pin - 1 x 4 1/8 UL .....                                           | 3        | 3   | 3   |
| 24   | D17974   | Pin - 1 x 6 7/8 UL .....                                           | 1        | 1   | 1   |
| 25   | C18527   | Pin - 1 1/4 x 5 25/32 UL .....                                     | 1        | 1   | 1   |
| 26   | C18524   | Pin - 1 1/4 x 10 3/32 UL .....                                     | 1        | 1   | 1   |
| 27   | S22126   | Pin - 1 1/4 x 13 31/32 UL .....                                    | 1        | 1   | 1   |
| 28   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 .....                                    | 6        | 7   | 6   |
| 29   | W-995    | Hex Bolt - 1/2 x 6 (34' only) .....                                | 1        | -   | -   |
| 30   | W-497    | Hex Bolt - 5/8 x 1 1/2 .....                                       | 1        | 1   | 1   |
| 31   | W-525    | Lockwasher - 1/2 (34' only) .....                                  | 1        | -   | -   |
| 32   | W-526    | Lockwasher - 5/8 .....                                             | 13       | 14  | 13  |
| 33   | W-514    | Hex Nut - 3/8 .....                                                | 1        | 1   | 1   |
| 34   | W-516    | Hex Nut - 1/2 (34' only) .....                                     | 1        | -   | -   |
| 35   | W-517    | Hex Nut - 5/8 .....                                                | 12       | 13  | 12  |
| 36   | D-5274   | Locknut - 1 .....                                                  | 3        | 3   | 3   |
| 37   | P61D20   | Hex Nut - 1 1/4 .....                                              | 2        | 2   | 2   |
| 38   | W-535    | Cotter Pin - 1/4 x 1 1/2 .....                                     | 6        | 6   | 6   |
| 39   | D17315   | Hair Pin - 3/32 x 1 5/8 .....                                      | 1        | 1   | 1   |
| 40   | S-752    | Grease Zerk - 1/4 Straight .....                                   | 4        | 4   | 4   |
| 41   | W-540    | Flatwasher - 5/8 .....                                             | 4        | 4   | 4   |
| 42   | S22729   | Decal - "Raise-Lower" .....                                        | 2        | 2   | 2   |

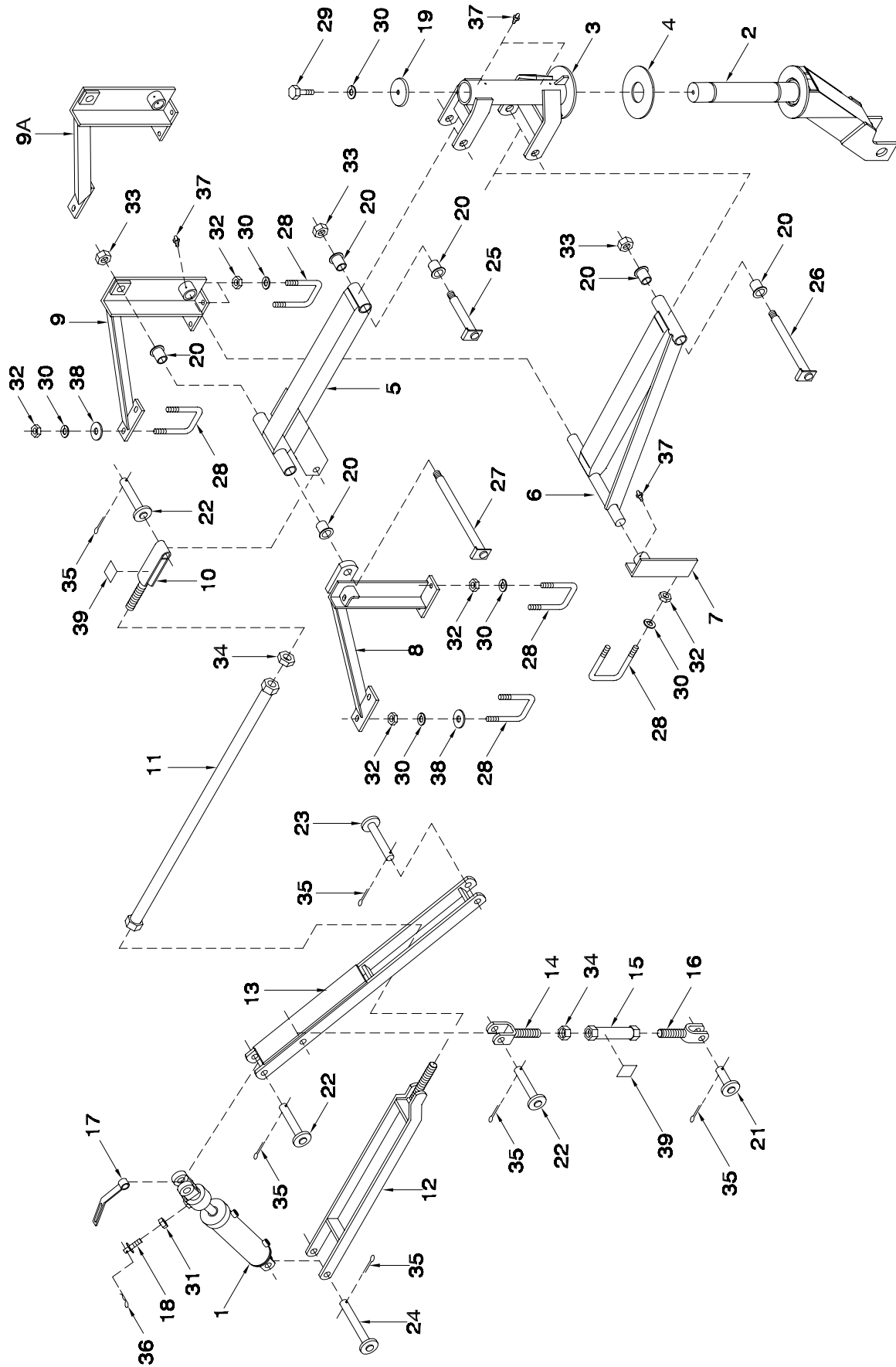
# **Depth Control Linkage** **Left Gauge Wheel 34 ft, 49 ft Inner Wing & 60 ft Outer Wing**



## Depth Control Linkage - Left Gauge Wheel 34 ft, 49 ft Inner Wing & 60 ft Outer Wing

| Item | Part No. | Description                                                        | No: Used |     |     |
|------|----------|--------------------------------------------------------------------|----------|-----|-----|
|      |          |                                                                    | 34'      | 39' | 60' |
| 1    | C-2224   | Hyd Cylinder - 3 x 8 GBP .....                                     | 1        | 1   | 1   |
| 1A   | C-2223   | Hyd Cylinder - 2 1/2 x 8 GBP .....                                 | -        | -   | 1   |
| 2    | C18657   | Wing Castor Fork - Single Wheel .....                              | 1        | 1   | 1   |
| 2A   | S45720   | Wing Castor Fork - Dual Wheel .....                                | 1        | 1   | 1   |
| 3    | C17436   | Wing Castor Bracket - Single Wheel .....                           | 1        | 1   | 1   |
| 3A   | S32551   | Castor Bracket - Dual Wheel .....                                  | 1        | 1   | 1   |
| 4    | C18662   | Wear Plate .....                                                   | 1        | 1   | 1   |
| 5    | S22314   | Wing Upper Link .....                                              | 1        | 1   | 1   |
| 6    | S22318   | Wing Lower Link .....                                              | 1        | 1   | 1   |
| 7    | S22350   | Link Arm Wear Plate (34' only) .....                               | 1        | -   | -   |
| 8    | S22250   | Left Pivot Bracket .....                                           | 1        | 1   | 1   |
| 9    | S22260   | Left Upper Mounting Bracket .....                                  | 1        | 1   | 1   |
| 9A   | S28709   | Left Upper Mounting Bracket .....                                  |          |     |     |
|      |          | (For Harrows - All Models) (Fertilizer Coulter - 49 ft Only) ..... | 1        | 1   | 1   |
| 10   | S22268   | Left Mounting Bracket (34' & 60' only) .....                       | 1        | -   | 1   |
| 10A  | S22363   | Left Mounting Bracket (49' only) .....                             | -        | 1   | -   |
| 10B  | S28698   | Left Mounting Bracket (Fertilizer Coulter - 34 ft Only) .....      | 1        | -   | -   |
| 11   | S22368   | Wing Clevis - RH .....                                             | 1        | 1   | 1   |
| 12   | S22212   | Short Turnbuckle Body .....                                        | 2        | 2   | 2   |
| 13   | S31240   | Wing Clevis Strap - LH .....                                       | 1        | 1   | 1   |
| 14   | S22237   | Wing Depth Tower .....                                             | 1        | 1   | 1   |
| 15   | S22207   | Clevis - RH .....                                                  | 1        | 1   | 1   |
| 16   | S22731   | Spacer Plate .....                                                 | 1        | -   | -   |
| 17   | S22208   | Clevis - LH .....                                                  | 1        | 1   | 1   |
| 18   | S22358   | Collar Lock Bracket .....                                          | 1        | 1   | 1   |
| 19   | S22360   | Collar Lock Stud .....                                             | 1        | 1   | 1   |
| 20   | C18782   | Cap .....                                                          | 1        | 1   | 1   |
| 21   | C18510   | Nylon Bushing - 1 7/8 .....                                        | 6        | 6   | 6   |
| 22   | W-558    | Pin - 1 x 2 1/4 UL .....                                           | 3        | 3   | 3   |
| 23   | C-3717   | Pin - 1 x 4 1/8 UL .....                                           | 3        | 3   | 3   |
| 24   | D17974   | Pin - 1 x 6 7/8 UL .....                                           | 1        | 1   | 1   |
| 25   | C18527   | Pin - 1 1/4 x 5 25/32 UL .....                                     | 1        | 1   | 1   |
| 26   | C18524   | Pin - 1 1/4 x 10 3/32 UL .....                                     | 1        | 1   | 1   |
| 27   | S22126   | Pin - 1 1/4 x 13 31/32 UL .....                                    | 1        | 1   | 1   |
| 28   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 .....                                    | 6        | 7   | 6   |
| 29   | W-995    | Hex Bolt - 1/2 x 6 (34' only) .....                                | 1        | -   | -   |
| 30   | W-497    | Hex Bolt - 5/8 x 1 1/2 .....                                       | 1        | 1   | 1   |
| 31   | W-525    | Lockwasher - 1/2 (34' only) .....                                  | 1        | -   | -   |
| 32   | W-526    | Lockwasher - 5/8 .....                                             | 13       | 14  | 13  |
| 33   | W-514    | Hex Nut - 3/8 .....                                                | 1        | 1   | 1   |
| 34   | W-516    | Hex Nut - 1/2 (34' only) .....                                     | 1        | -   | -   |
| 35   | W-517    | Hex Nut - 5/8 .....                                                | 12       | 13  | 12  |
| 36   | D-5274   | Locknut - 1 .....                                                  | 3        | 3   | 3   |
| 37   | P61D20   | Hex Nut - 1 1/4 .....                                              | 2        | 2   | 2   |
| 38   | W-535    | Cotter Pin - 1/4 x 1 1/2 .....                                     | 6        | 6   | 6   |
| 39   | D17315   | Hair Pin - 3/32 x 1 5/8 .....                                      | 1        | 1   | 1   |
| 40   | S-752    | Grease Zerk - 1/4 Straight .....                                   | 4        | 4   | 4   |
| 41   | W-540    | Flatwasher - 5/8 .....                                             | 4        | 4   | 4   |
| 42   | S22729   | Decal - "Raise-Lower" .....                                        | 2        | 2   | 2   |

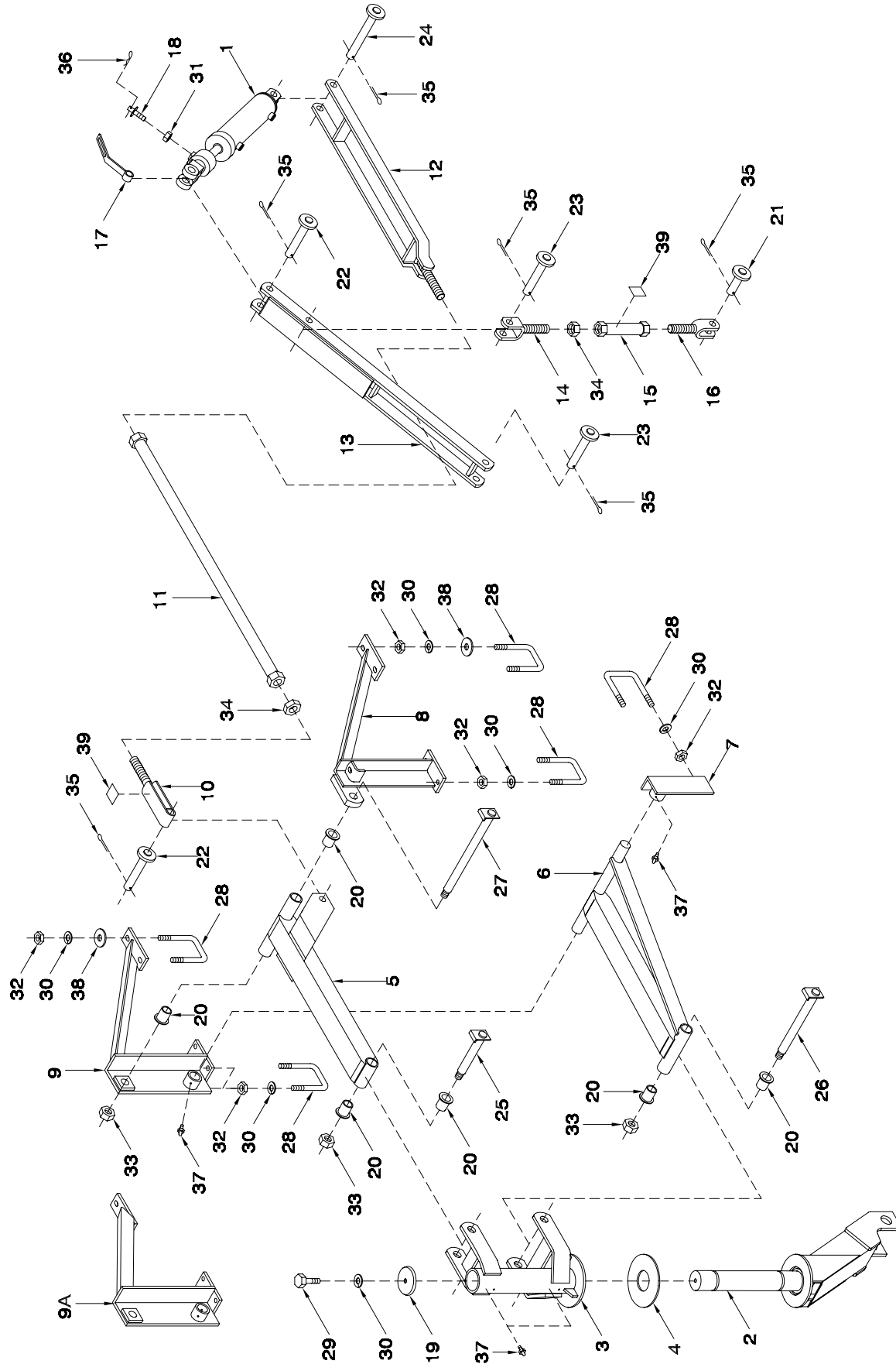
# Depth Control Linkage Right Gauge Wheel 55 ft & 60 ft Inner Wing



## Depth Control Linkage - Right Gauge Wheel 55 ft & 60 ft Inner Wing

| Item | Part No. | Description                                          | Qty |
|------|----------|------------------------------------------------------|-----|
| 1    | C-2224   | Hyd Cylinder - 3 x 8 GBP .....                       | 1   |
| 2    | S45720   | Wing Castor Dual .....                               | 1   |
| 3    | S32551   | Castor Bracket - Dual Wheel .....                    | 1   |
| 4    | C18662   | Wear Plate .....                                     | 1   |
| 5    | S22314   | Wing Upper Link .....                                | 1   |
| 6    | S29955   | Wing Lower Link .....                                | 1   |
| 7    | S22252   | Right Pivot Bracket .....                            | 1   |
| 8    | S22261   | Right Upper Mounting Bracket .....                   | 1   |
| 9    | S22269   | Right Mounting Bracket .....                         | 1   |
| 9A   | S28699   | Right Mounting Bracket (For Harrows Kits Only) ..... | 1   |
| 10   | S22368   | Wing Clevis - RH .....                               | 1   |
| 11   | S22216   | Long Turnbuckle Body .....                           | 1   |
| 12   | S22225   | Wing Clevis Strap - LH .....                         | 1   |
| 13   | S22233   | Wing Depth Tower .....                               | 1   |
| 14   | S22207   | Clevis - RH .....                                    | 1   |
| 15   | S22212   | Short Turnbuckle Body .....                          | 1   |
| 16   | S22208   | Clevis - LH .....                                    | 1   |
| 17   | S22358   | Collar Lock Bracket .....                            | 1   |
| 18   | S22360   | Collar Lock Stud .....                               | 1   |
| 19   | C18782   | Cap .....                                            | 1   |
| 20   | C18510   | Nylon Bushing - 1 7/8 .....                          | 6   |
| 21   | W-558    | Pin - 1 x 2 1/4 UL .....                             | 1   |
| 22   | C-3717   | Pin - 1 x 4 1/8 UL .....                             | 3   |
| 23   | F-3645   | Pin - 1 x 5 1/4 UL .....                             | 1   |
| 24   | D17974   | Pin - 1 x 6 7/8 UL .....                             | 1   |
| 25   | C18527   | Pin - 1 1/4 x 5 25/32 UL .....                       | 1   |
| 26   | C18524   | Pin - 1 1/4 x 10 3/32 UL .....                       | 1   |
| 27   | S22126   | Pin - 1 1/4 x 13 31/32 UL .....                      | 1   |
| 28   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 .....                      | 6   |
| 29   | W-497    | Hex Bolt - 5/8 x 1 1/2 .....                         | 1   |
| 30   | W-526    | Lockwasher - 5/8 .....                               | 13  |
| 31   | W-514    | Hex Nut - 3/8 .....                                  | 1   |
| 32   | W-517    | Hex Nut - 5/8 .....                                  | 12  |
| 33   | D-5274   | Locknut - 1 .....                                    | 3   |
| 34   | P61D20   | Hex Nut - 1 1/4 .....                                | 2   |
| 35   | W-535    | Cotter Pin - 1/4 x 1 1/2 .....                       | 6   |
| 36   | D17315   | Hair Pin - 3/32 x 1 5/8 .....                        | 1   |
| 37   | S-752    | Grease Zerk - 1/4 Straight .....                     | 4   |
| 38   | W-540    | Flatwasher - 5/8 .....                               | 4   |
| 39   | S22729   | Decal - "Raise-Lower" .....                          | 2   |

# Depth Control Linkage Left Gauge Wheel 55 ft & 60 ft Inner Wing



## Depth Control Linkage - Left Gauge Wheel 55 ft & 60 ft Inner Wing

| Item | Part No. | Description                                         | Qty |
|------|----------|-----------------------------------------------------|-----|
| 1    | C-2224   | Hyd Cylinder - 3 x 8 GBP .....                      | 1   |
| 2    | S45720   | Wing Castor Dual .....                              | 1   |
| 3    | S32551   | Castor Brkt - Dual Wheel .....                      | 1   |
| 4    | C18662   | Wear Plate .....                                    | 1   |
| 5    | S22314   | Wing Upper Link .....                               | 1   |
| 6    | S29955   | Wing Lower Link .....                               | 1   |
| 7    | S22250   | Left Pivot Bracket .....                            | 1   |
| 8    | S22260   | Left Upper Mounting Bracket .....                   | 1   |
| 9    | S22268   | Left Mounting Bracket .....                         | 1   |
| 9A   | S28698   | Left Mounting Bracket (For Harrows Kits Only) ..... | 1   |
| 10   | S22368   | Wing Clevis - RH .....                              | 1   |
| 11   | S22216   | Long Turnbuckle Body .....                          | 1   |
| 12   | S22225   | Wing Clevis Strap - LH .....                        | 1   |
| 13   | S22233   | Wing Depth Tower .....                              | 1   |
| 14   | S22207   | Clevis - RH .....                                   | 1   |
| 15   | S22212   | Short Turnbuckle Body .....                         | 1   |
| 16   | S22208   | Clevis - LH .....                                   | 1   |
| 17   | S22358   | Collar Lock Bracket .....                           | 1   |
| 18   | S22360   | Collar Lock Stud .....                              | 1   |
| 19   | C18782   | Cap .....                                           | 1   |
| 20   | C18510   | Nylon Bushing - 1 7/8 .....                         | 6   |
| 21   | W-558    | Pin - 1 x 2 1/4 UL .....                            | 1   |
| 22   | C-3717   | Pin - 1 x 4 1/8 UL .....                            | 3   |
| 23   | F-3645   | Pin - 1 x 5 1/4 UL .....                            | 3   |
| 24   | D17974   | Pin - 1 x 6 7/8 UL .....                            | 1   |
| 25   | C18527   | Pin - 1 1/4 x 5 25/32 UL .....                      | 1   |
| 26   | C18524   | Pin - 1 1/4 x 10 3/32 UL .....                      | 1   |
| 27   | S22126   | Pin - 1 1/4 x 13 31/32 UL .....                     | 1   |
| 28   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 .....                     | 6   |
| 29   | W-497    | Hex Bolt - 5/8 x 1 1/2 .....                        | 1   |
| 30   | W-526    | Lockwasher - 5/8 .....                              | 13  |
| 31   | W-514    | Hex Nut - 3/8 .....                                 | 1   |
| 32   | W-517    | Hex Nut - 5/8 .....                                 | 12  |
| 33   | D-5274   | Locknut - 1 .....                                   | 3   |
| 34   | P61D20   | Hex Nut - 1 1/4 .....                               | 2   |
| 35   | W-535    | Cotter Pin - 1/4 x 1 1/2 .....                      | 6   |
| 36   | D17315   | Hair Pin - 3/32 x 1 5/8 .....                       | 1   |
| 37   | S-752    | Grease Zerk - 1/4 Straight .....                    | 4   |
| 38   | W-540    | Flatwasher - 5/8 .....                              | 4   |
| 39   | S22729   | Decal - "Raise-Lower" .....                         | 2   |

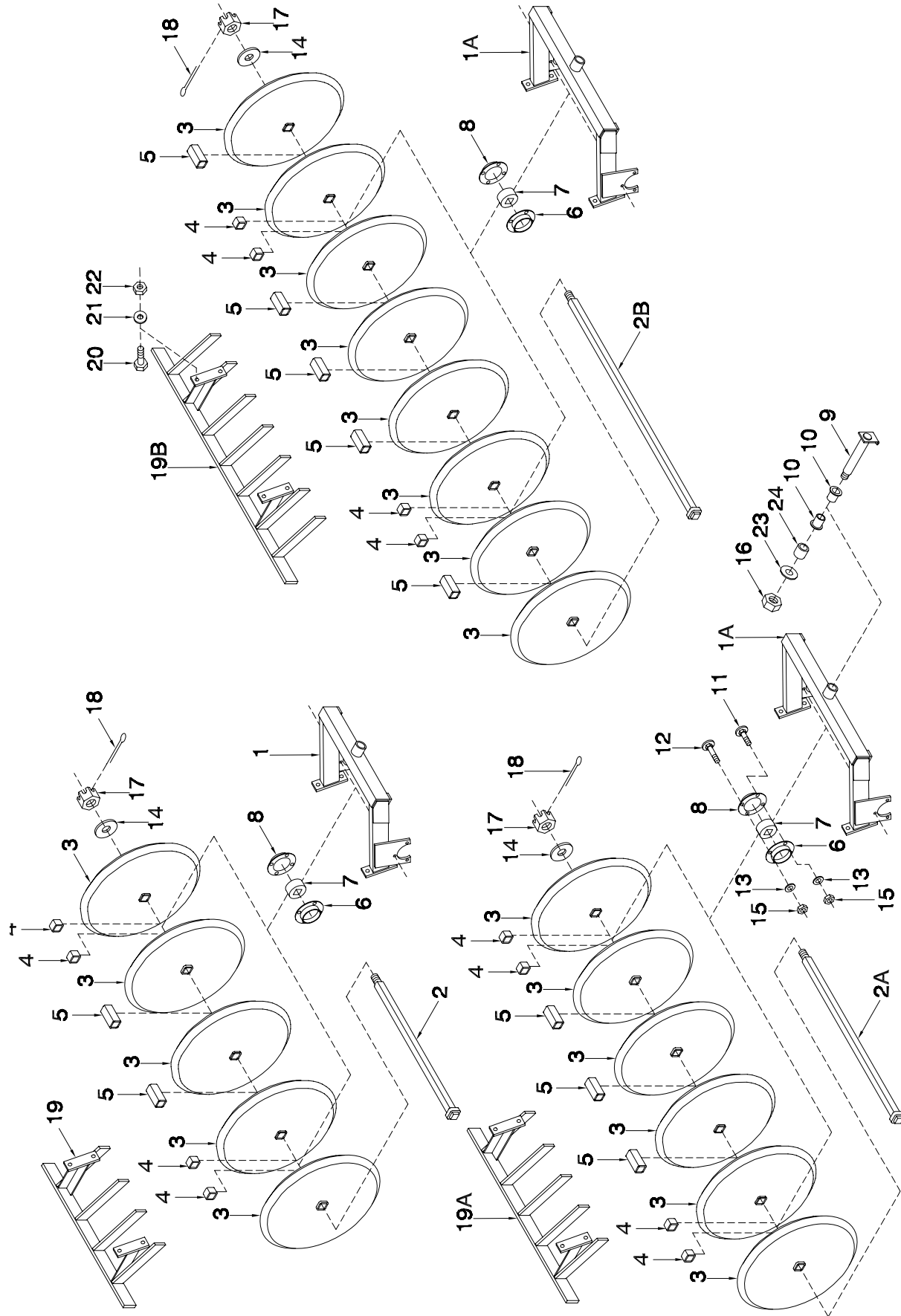


## Section 5: Packer Gangs

### Section Contents

|                                                                                  |      |
|----------------------------------------------------------------------------------|------|
| 7.5" Spacing - 2" Steel Wheels - Prior to September 2008 .....                   | 5-2  |
| 7.5" Spacing - 2" Steel Wheels - September 2008 to Present .....                 | 5-4  |
| 7.5" Spacing - 2" Rubber .....                                                   | 5-6  |
| 7.5" Spacing - Left Side - 3.5" Steel or Rubber - Prior to September 2008 .....  | 5-8  |
| 7.5" Spacing - Right Side - 3.5" Steel or Rubber - Prior to September 2008 ..... | 5-10 |
| 7.5" Spacing - 3.5" Steel or Rubber - September 2008 to Present .....            | 5-12 |
| 10" Spacing - 2" Steel - Prior to September 2008 .....                           | 5-14 |
| 10" Spacing - 2" Steel - September 2008 to Present .....                         | 5-16 |
| 10" Spacing - 3.5" Steel or Rubber - Prior to September 2008 .....               | 5-18 |
| 10" Spacing - 3.5" Steel or Rubber - September 2008 to Present .....             | 5-20 |
| 10" Spacing - 4.5" Steel or Rubber - Prior to September 2008 .....               | 5-22 |
| 10" Spacing - 4.5" Steel or Rubber - September 2008 to Present .....             | 5-24 |
| 12" Spacing - 3.5" Steel or Rubber - Prior to September 2008 .....               | 5-26 |
| 12" Spacing - 3.5" Steel or Rubber - September 2008 to Present .....             | 5-28 |
| 12" Spacing - 4.5" Steel or Rubber - Prior to September 2008 .....               | 5-30 |
| 12" Spacing - 4.5" Steel or Rubber - September 2008 to Present .....             | 5-32 |
| Mud Scrapers .....                                                               | 5-34 |
| Mud Scraper - Universal .....                                                    | 5-36 |

# Packer Gangs 7.5" Spacing - 2" Steel Wheels - Prior to September 2008



# Packer Gangs - 7.5" Spacing - 2" Steel Wheels - Prior to September 2008

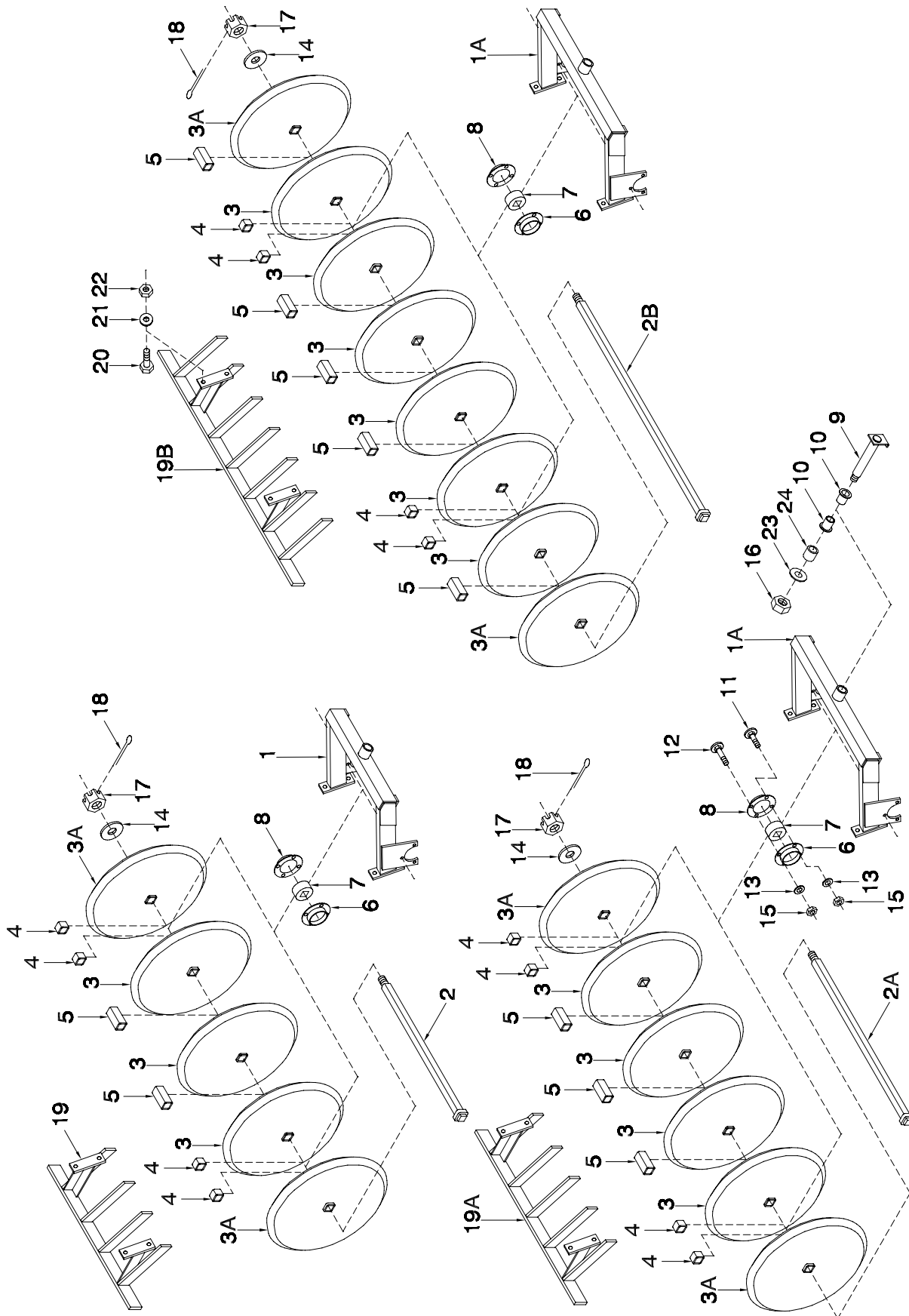
| Item | Part No. | Description                                        | No: Used |     |     |
|------|----------|----------------------------------------------------|----------|-----|-----|
|      |          |                                                    | 5Wh      | 6Wh | 8Wh |
| 1    | S22130   | Evener - 5 Wheel .....                             | 1        | -   | -   |
| 1A   | S22127   | Evener - 6 & 8 Wheel .....                         | -        | 1   | 1   |
| 2    | S22513   | Gang Shaft - 5 Wheel .....                         | 1        | -   | -   |
| 2A   | S22724   | Gang Shaft - 6 Wheel .....                         | -        | 1   | -   |
| 2B   | D18566   | Gang Shaft - 8 Wheel .....                         | -        | -   | 1   |
| 3    | S27560   | Steel 'V' Press Wheel - 2 x 23" Dia .....          | 5        | 6   | 8   |
| 4    | D18569   | Spacer - 1 1/32 Lg .....                           | 4        | 4   | 4   |
| 5    | D18568   | Spacer - 3 1/2 Lg .....                            | 2        | 3   | 5   |
| 6    | D-5022   | Flangette .....                                    | 2        | 2   | 2   |
| 7    | D-4938   | Bearing .....                                      | 2        | 2   | 2   |
| 8    | D11174   | Flangette - with 45 degree grease fitting .....    | 2        | 2   | 2   |
| 9    | C18527   | Pin - 1 1/4 x 5 25/32 UL (With Pivot Arm) .....    | 1        | 1   | 1   |
| 9A   | C18529   | Pin - 1 1/4 x 7 1/32 UL (Without Pivot Arm) .....  |          |     |     |
| 10   | C18510   | Nylon Bushing - 1 7/8 .....                        | 2        | 2   | 2   |
| 11   | D-5256   | Carriage Bolt - 1/2 x 1 .....                      | 2        | 2   | 2   |
| 12   | T-5266   | Carriage Bolt - 1/2 x 1 1/4 .....                  | 6        | 6   | 6   |
| 13   | W-525    | Lockwasher - 1/2 .....                             | 8        | 8   | 8   |
| 14   | D-5499   | Washer - 1.313 ID x 2.75 OD x 9 GA .....           | 1        | 1   | 1   |
| 15   | W-516    | Hex Nut - 1/2 .....                                | 8        | 8   | 8   |
| 16   | D-5274   | Locknut - 1 .....                                  | 1        | 1   | 1   |
| 17   | N19484   | Slotted Nut - 1 1/4 .....                          | 1        | 1   | 1   |
| 18   | W-4181   | Cotter Pin - 1/4 x 2 .....                         | 1        | 1   | 1   |
| 19   | S22213   | Rock Deflector - 5 Wheel .....                     | 1        | -   | -   |
| 19A  | S22210   | Rock Deflector - 6 Wheel .....                     | -        | 1   | -   |
| 19B  | S22203   | Rock Deflector - 8 Wheel .....                     | -        | -   | 1   |
| 20   | W-498    | Hex Bolt - 5/8 x 1 3/4 .....                       | 4        | 4   | 4   |
| 21   | W-526    | Lockwasher - 5/8 .....                             | 4        | 4   | 4   |
| 22   | W-517    | Hex Nut - 5/8 .....                                | 4        | 4   | 4   |
| 23   | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....             | 1        | 1   | 1   |
| 24   | S32572   | Spacer Bushing - 1 1/4 ID x 2 OD x 1 3/16 LG ..... | 1        | 1   | 1   |

(Used on Wings Only where pivot arms are not used)

Number of Packer Assemblies required for each machine:

|     | 5 Wheel | 6 Wheel | 8 Wheel |
|-----|---------|---------|---------|
| 29' | 1       | 7       | -       |
| 34' | 1       | 3       | 4       |
| 39' | 9       | 3       | -       |
| 49' | 1       | 7       | 4       |

# **Packer Gangs** **7.5" Spacing - 2" Steel Wheels - September 2008 to Present**



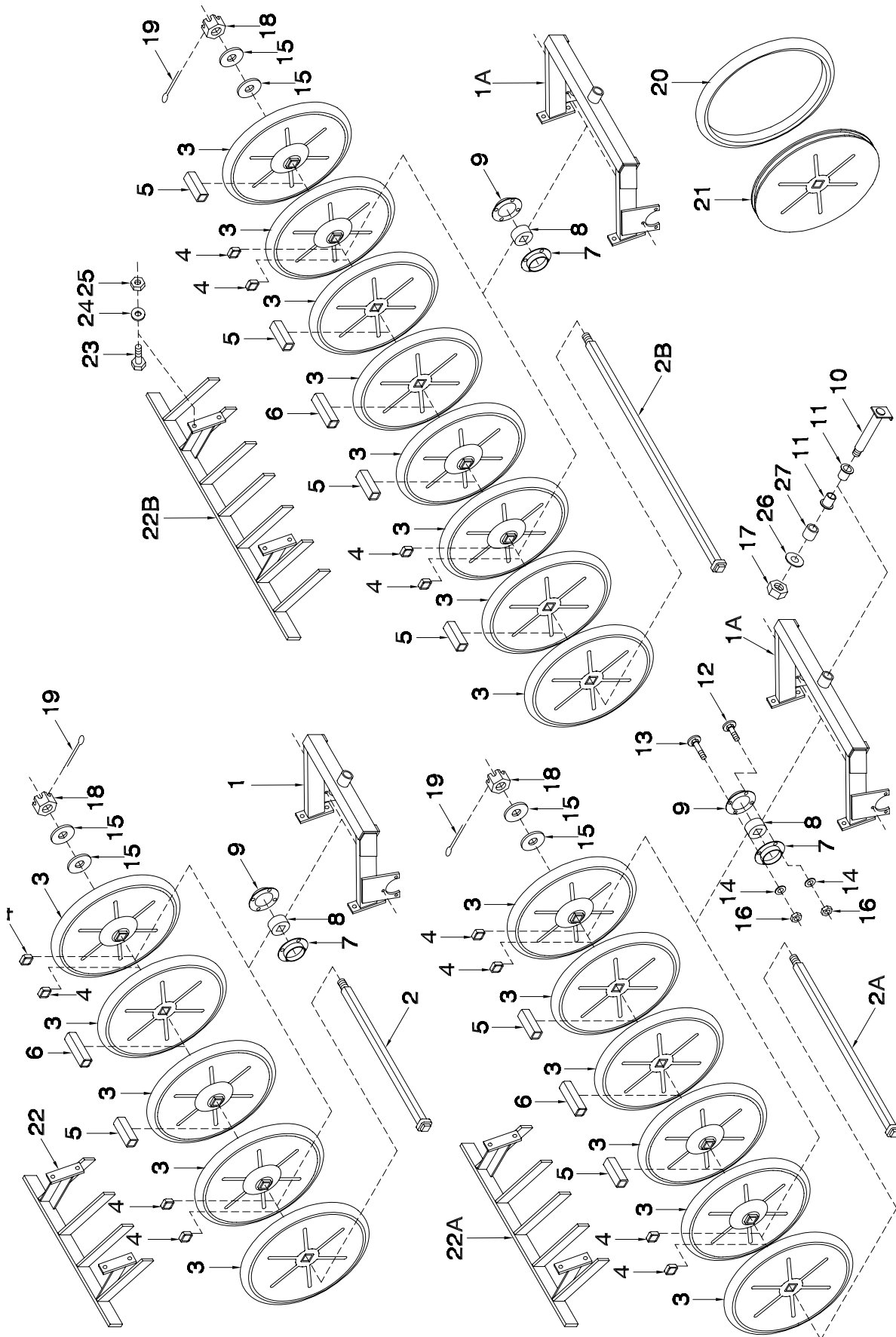
# Packer Gangs - 7.5" Spacing - 2" Steel Wheels - September 2008 to Present

| Item | Part No. | Description                                          | No: Used |     |     |
|------|----------|------------------------------------------------------|----------|-----|-----|
|      |          |                                                      | 5Wh      | 6Wh | 8Wh |
| 1    | S22130   | Evener - 5 Wheel.....                                | 1        | -   | -   |
| 1A   | S22127   | Evener - 6 & 8 Wheel .....                           | -        | 1   | 1   |
| 2    | S22391   | Gang Shaft - 5 Wheel .....                           | 1        | -   | -   |
| 2A   | S22390   | Gang Shaft - 6 Wheel .....                           | -        | 1   | -   |
| 2B   | S22389   | Gang Shaft - 8 Wheel .....                           | -        | -   | 1   |
| 3    | S27559   | Steel Press Wheel - 3 1/2 x 23 5/8 Dia .....         | 3        | 4   | 6   |
| 3A   | S39530   | Concave Steel Press Wheel - 3 1/2 x 23 5/8 Dia ..... | 2        | 2   | 2   |
| 4    | D18569   | Spacer - 1 1/32 Lg .....                             | 4        | 4   | 4   |
| 5    | D18568   | Spacer - 3 1/2 Lg.....                               | 2        | 3   | 5   |
| 6    | D-5022   | Flangette .....                                      | 2        | 2   | 2   |
| 7    | D-4938   | Bearing .....                                        | 2        | 2   | 2   |
| 8    | D11174   | Flangette - with 45 degree grease fitting .....      | 2        | 2   | 2   |
| 9    | C18527   | Pin - 1 1/4 x 5 25/32 UL (With Pivot Arm) .....      | 1        | 1   | 1   |
| 9A   | C18529   | Pin - 1 1/4 x 7 1/32 UL (Without Pivot Arm) .....    |          |     |     |
| 10   | C18510   | Nylon Bushing - 1 7/8.....                           | 2        | 2   | 2   |
| 11   | D-5256   | Carriage Bolt - 1/2 x 1 .....                        | 2        | 2   | 2   |
| 12   | T-5266   | Carriage Bolt - 1/2 x 1 1/4 .....                    | 6        | 6   | 6   |
| 13   | W-525    | Lockwasher - 1/2.....                                | 8        | 8   | 8   |
| 14   | D-5499   | Washer - 1.313 ID x 2.75 OD x 9 GA .....             | 1        | 1   | 1   |
| 15   | W-516    | Hex Nut - 1/2 .....                                  | 8        | 8   | 8   |
| 16   | D-5274   | Locknut - 1 .....                                    | 1        | 1   | 1   |
| 17   | N19484   | Slotted Nut - 1 1/4 .....                            | 1        | 1   | 1   |
| 18   | W-4181   | Cotter Pin - 1/4 x 2 .....                           | 1        | 1   | 1   |
| 19   | S22213   | Rock Deflector - 5 Wheel .....                       | 1        | -   | -   |
| 19A  | S22210   | Rock Deflector - 6 Wheel .....                       | -        | 1   | -   |
| 19B  | S22203   | Rock Deflector - 8 Wheel .....                       | -        | -   | 1   |
| 20   | W-498    | Hex Bolt - 5/8 x 1 3/4 .....                         | 4        | 4   | 4   |
| 21   | W-526    | Lockwasher - 5/8.....                                | 4        | 4   | 4   |
| 22   | W-517    | Hex Nut - 5/8 .....                                  | 4        | 4   | 4   |
| 23   | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....               | 1        | 1   | 1   |
| 24   | S32572   | Spacer Bushing - 1 1/4 ID x 2 OD x 1 3/16 LG .....   | 1        | 1   | 1   |
|      |          | (Used on Wings Only where pivot arms are not used)   |          |     |     |

Number of Packer Assemblies required for each machine:

|     | 5 Wheel | 6 Wheel | 8 Wheel |
|-----|---------|---------|---------|
| 29' | 1       | 7       | -       |
| 34' | 1       | 3       | 4       |
| 39' | 9       | 3       | -       |
| 49' | 1       | 7       | 4       |

# Packer Gangs 7.5" Spacing - 2" Rubber



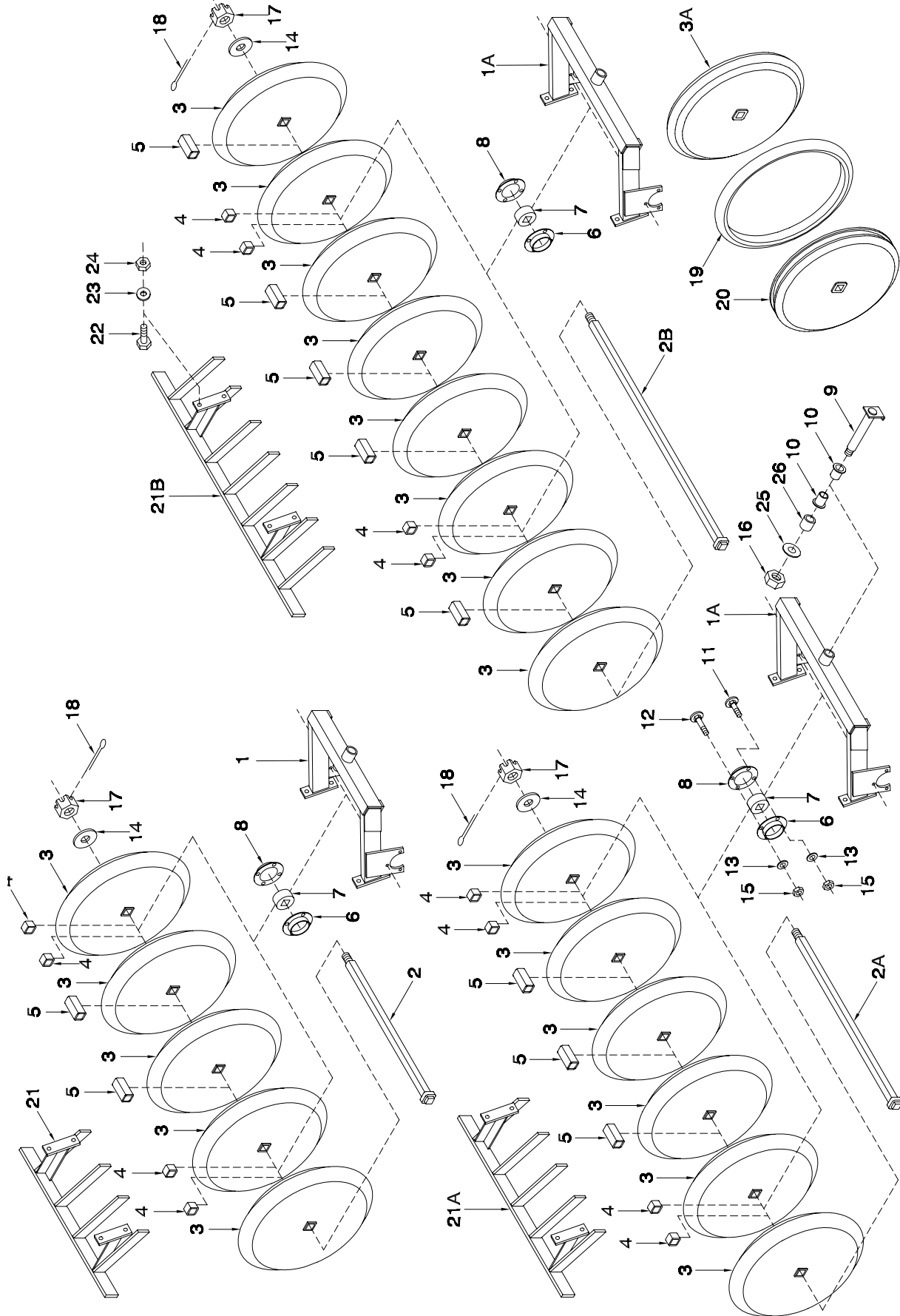
## Packer Gangs - 7.5" Spacing - 2" Rubber

| Item | Part No. | Description                                                      | No: Used |     |     |
|------|----------|------------------------------------------------------------------|----------|-----|-----|
|      |          |                                                                  | 5Wh      | 6Wh | 8Wh |
| 1    | S22130   | Evener - 5 Wheel .....                                           | 1        | -   | -   |
| 1A   | S22127   | Evener - 6 & 8 Wheel .....                                       | -        | 1   | 1   |
| 2    | S22391   | Gang Shaft - 5 Wheel .....                                       | 1        | -   | -   |
| 2A   | S22390   | Gang Shaft - 6 Wheel .....                                       | -        | 1   | -   |
| 2B   | S22389   | Gang Shaft - 8 Wheel .....                                       | -        | -   | 1   |
| 3    | D10442   | Rubber Press Wheel Assembly - 2 " (Includes Items 20 & 21) ..... | 5        | 6   | 8   |
| 4    | D12823   | Spacer - 3/4 Lg .....                                            | 4        | 4   | 4   |
| 5    | D12824   | Spacer - 4 7/32 Lg .....                                         | 1        | 2   | 4   |
| 6    | S22471   | Spacer - 5 3/8 Lg .....                                          | 1        | 1   | 1   |
| 7    | D-5022   | Flangette .....                                                  | 2        | 2   | 2   |
| 8    | D-4938   | Bearing .....                                                    | 2        | 2   | 2   |
| 9    | D11174   | Flangette - with 45 degree grease fitting .....                  | 2        | 2   | 2   |
| 10   | C18527   | Pin - 1 1/4 x 5 25/32 UL (With Pivot Arm) .....                  | 1        | 1   | 1   |
| 10A  | C18529   | Pin - 1 1/4 x 7 1/32 UL (Without Pivot Arm) .....                |          |     |     |
| 11   | C18510   | Nylon Bushing - 1 7/8 .....                                      | 2        | 2   | 2   |
| 12   | D-5265   | Carriage Bolt - 1/2 x 1 .....                                    | 2        | 2   | 2   |
| 13   | T-5266   | Carriage Bolt - 1/2 x 1 1/4 .....                                | 6        | 6   | 6   |
| 14   | W-525    | Lockwasher - 1/2 .....                                           | 8        | 8   | 8   |
| 15   | D-5499   | Washer - 1.313 ID x 2.75 OD x 9 GA .....                         | 2        | 2   | 2   |
| 16   | W-516    | Hex Nut - 1/2 .....                                              | 8        | 8   | 8   |
| 17   | D-5274   | Locknut - 1 .....                                                | 1        | 1   | 1   |
| 18   | N19484   | Slotted Nut - 1 1/4 .....                                        | 1        | 1   | 1   |
| 19   | W-4181   | Cotter Pin - 1/4 x 2 .....                                       | 1        | 1   | 1   |
| 20   | D10441   | Rubber Tire .....                                                | 5        | 6   | 8   |
| 21   | D10440   | Wheel Rim - 2" .....                                             | 5        | 6   | 8   |
| 22   | S22213   | Rock Deflector - 5 Wheel .....                                   | 1        | -   | -   |
| 22A  | S22210   | Rock Deflector - 6 Wheel .....                                   | -        | 1   | -   |
| 22B  | S22203   | Rock Deflector - 8 Wheel .....                                   | -        | -   | 1   |
| 23   | W-498    | Hex Bolt - 5/8 x 1 3/4 .....                                     | 4        | 4   | 4   |
| 24   | W-526    | Lockwasher - 5/8 .....                                           | 4        | 4   | 4   |
| 25   | W-517    | Hex Nut - 5/8 .....                                              | 4        | 4   | 4   |
| 26   | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....                           | 1        | 1   | 1   |
| 27   | S32572   | Spacer Bushing - 1 1/4 ID x 2 OD x 1 3/16 LG .....               | 1        | 1   | 1   |
|      |          | (Used on Wings Only where pivot arms are not used)               |          |     |     |

Number of Packer Assemblies required for each machine:

|     | 5 Wheel | 6 Wheel | 8 Wheel |
|-----|---------|---------|---------|
| 29' | 1       | 7       | -       |
| 34' | 1       | 3       | 4       |
| 39' | 9       | 3       | -       |
| 49' | 1       | 7       | 4       |

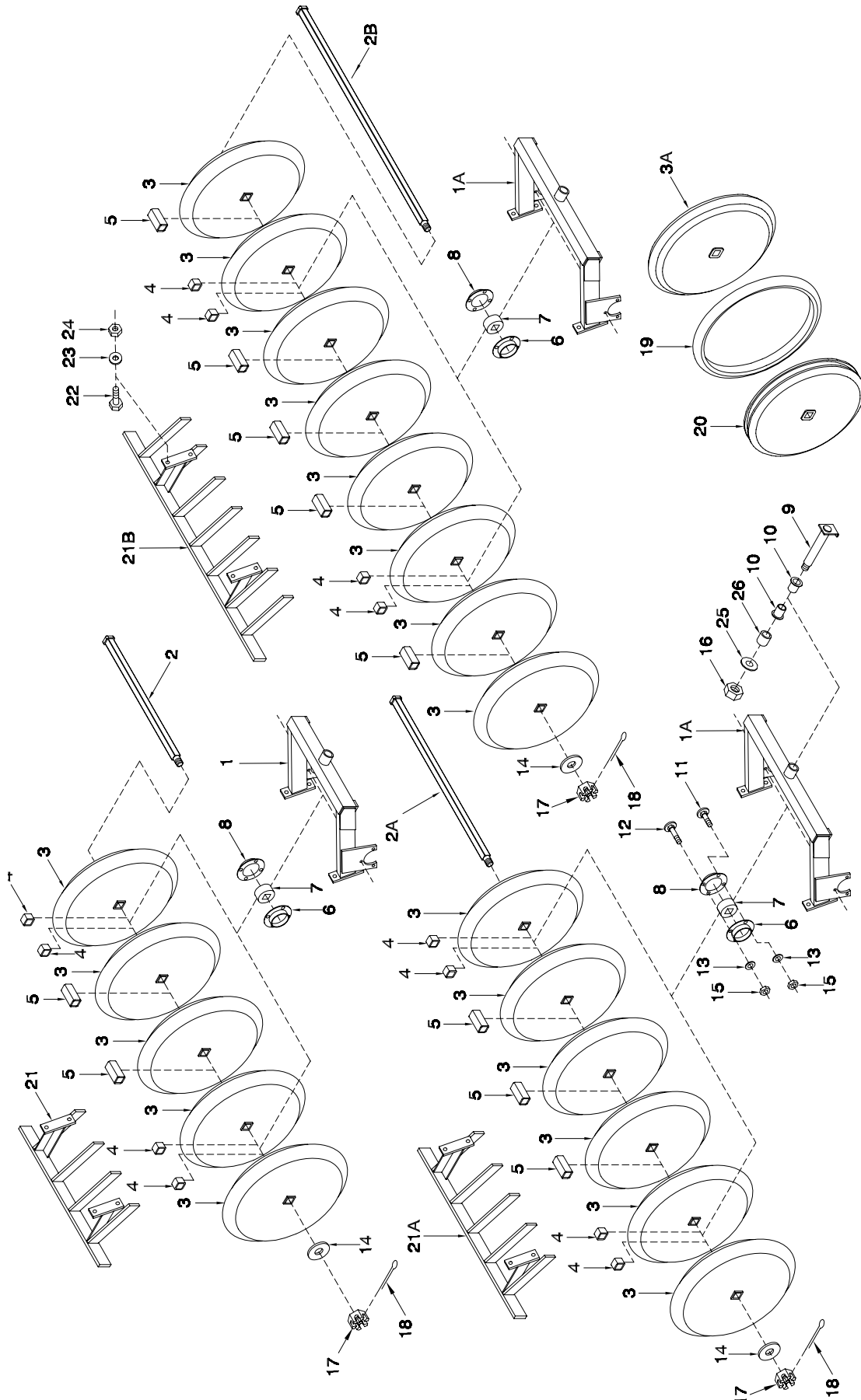
# **Packer Gangs** **7.5" Spacing - Left Side - 3.5" Steel or Rubber - Prior to September 2008**



# Packers - 7.5" Spacing - Left Side - 3.5" Steel or Rubber - Prior to September 2008

| Item                                                                                                                                                                                                                                                     | Part No. | Description                                                         | No: Used |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------|----------|-----|-----|
|                                                                                                                                                                                                                                                          |          |                                                                     | 5Wh      | 6Wh | 8Wh |
| 1                                                                                                                                                                                                                                                        | S22130   | Evener - 5 Wheel .....                                              | 1        | -   | -   |
| 1A                                                                                                                                                                                                                                                       | S22127   | Evener - 6 & 8 Wheel .....                                          | -        | 1   | 1   |
| 2                                                                                                                                                                                                                                                        | S22513   | Shaft - Gang - 5 Wide Wheel .....                                   | 1        | -   | -   |
| 2A                                                                                                                                                                                                                                                       | S22724   | Shaft - Gang - 6 Wide Wheel .....                                   | -        | 1   | -   |
| 2B                                                                                                                                                                                                                                                       | D18566   | Shaft - Gang - 8 Wide Wheel .....                                   | -        | -   | 1   |
| 3                                                                                                                                                                                                                                                        | S27559   | Steel Press Wheel - 3 1/2 x 23 5/8" Dia .....                       | 5        | 6   | 8   |
|                                                                                                                                                                                                                                                          | D13756   | Steel Press Wheel - 3 1/2 x 24 3/8 Dia" .....                       | 5        | 6   | 8   |
| 3A                                                                                                                                                                                                                                                       | D13755   | Rubber Press Wheel Assembly - 3 1/2" (Includes Items 19 & 20) ..... | 5        | 6   | 8   |
| 4                                                                                                                                                                                                                                                        | D18569   | Spacer - 1 1/32 Lg .....                                            | 4        | 4   | 4   |
| 5                                                                                                                                                                                                                                                        | D18568   | Spacer - 3 1/2 Lg .....                                             | 2        | 3   | 5   |
| 6                                                                                                                                                                                                                                                        | D-5022   | Flangette .....                                                     | 2        | 2   | 2   |
| 7                                                                                                                                                                                                                                                        | D-4938   | Bearing (Relub) .....                                               | 2        | 2   | 2   |
| 8                                                                                                                                                                                                                                                        | D11174   | Flangette - with 45 degree grease fitting .....                     | 2        | 2   | 2   |
| 9                                                                                                                                                                                                                                                        | C18527   | Pin - 1 1/4 x 5 25/32 UL (With Pivot Arm) .....                     | 1        | 1   | 1   |
| 9A                                                                                                                                                                                                                                                       | C18529   | Pin - 1 1/4 x 7 1/32 UL (Without Pivot Arm) .....                   |          |     |     |
| 10                                                                                                                                                                                                                                                       | C18510   | Nylon Bushing - 1 7/8 .....                                         | 2        | 2   | 2   |
| 11                                                                                                                                                                                                                                                       | D-5265   | Carriage Bolt - 1/2 x 1 .....                                       | 2        | 2   | 2   |
| 12                                                                                                                                                                                                                                                       | T-5266   | Carriage Bolt - 1/2 x 1 1/4 .....                                   | 6        | 6   | 6   |
| 13                                                                                                                                                                                                                                                       | W-525    | Lockwasher - 1/2 .....                                              | 8        | 8   | 8   |
| 14                                                                                                                                                                                                                                                       | D-5499   | Washer - 1.313 ID x 2.75 OD x 9 GA .....                            | 1        | 1   | 1   |
| 15                                                                                                                                                                                                                                                       | W-516    | Hex Nut - 1/2 .....                                                 | 8        | 8   | 8   |
| 16                                                                                                                                                                                                                                                       | D-5274   | Locknut - 1 .....                                                   | 1        | 1   | 1   |
| 17                                                                                                                                                                                                                                                       | N19484   | Slotted Nut - 1 1/4 .....                                           | 1        | 1   | 1   |
| 18                                                                                                                                                                                                                                                       | W-4181   | Cotter Pin - 1/4 x 2 Lg .....                                       | 1        | 1   | 1   |
| 19                                                                                                                                                                                                                                                       | D10441   | Rubber Tire - 3 1/2" (Rubber Press Wheels Only) .....               | 5        | 6   | 8   |
| 20                                                                                                                                                                                                                                                       | D13757   | Wheel Rim - 3 1/2" (Rubber Press Wheels Only) .....                 | 5        | 6   | 8   |
| 21                                                                                                                                                                                                                                                       | S22213   | Rock Deflector - 5 Wheel .....                                      | 1        | -   | -   |
| 21A                                                                                                                                                                                                                                                      | S22210   | Rock Deflector - 6 Wheel .....                                      | -        | 1   | -   |
| 21B                                                                                                                                                                                                                                                      | S22203   | Rock Deflector - 8 Wheel .....                                      | -        | -   | 1   |
| 22                                                                                                                                                                                                                                                       | W-498    | Hex Bolt - 5/8 x 1 1/4 .....                                        | 4        | 4   | 4   |
| 23                                                                                                                                                                                                                                                       | W-526    | Lockwasher - 5/8 .....                                              | 4        | 4   | 4   |
| 24                                                                                                                                                                                                                                                       | W-517    | Hex Nut - 5/8 .....                                                 | 4        | 4   | 4   |
| 25                                                                                                                                                                                                                                                       | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....                              | 1        | 1   | 1   |
| 26                                                                                                                                                                                                                                                       | S32572   | Spacer Bushing - 1 1/4 ID x 2 OD x 1 3/16 LG .....                  | 1        | 1   | 1   |
|                                                                                                                                                                                                                                                          |          | (Used on Wings Only where pivot arms are not used)                  |          |     |     |
|                                                                                                                                                                                                                                                          | S30464   | 5 Wheel Steel Packer Gang Assembly Kit                              |          |     |     |
|                                                                                                                                                                                                                                                          | S30463   | 5 Wheel Rubber Packer Gang Assembly Kit                             |          |     |     |
|                                                                                                                                                                                                                                                          | S25978   | 6 Wheel Steel Packer Gang Assembly Kit                              |          |     |     |
|                                                                                                                                                                                                                                                          | S25982   | 6 Wheel Rubber Packer Gang Assembly Kit                             |          |     |     |
|                                                                                                                                                                                                                                                          | S30466   | 8 Wheel Steel Packer Gang Assembly Kit                              |          |     |     |
|                                                                                                                                                                                                                                                          | S30465   | 8 Wheel Rubber Packer Gang Assembly Kit                             |          |     |     |
| <div> Number of Packer Assemblies required for each machine: <div> <div>5 Wheel</div> <div>6 Wheel</div> <div>8 Wheel</div> <div> 29'1<br/>34'1<br/>39'9<br/>49'1 </div> <div> 7<br/>3<br/>3<br/>7 </div> <div> -<br/>4<br/>-<br/>4 </div> </div> </div> |          |                                                                     |          |     |     |

# **Packer Gangs** **7.5" Spacing - Right Side - 3.5" Steel or Rubber - Prior to September 2008**



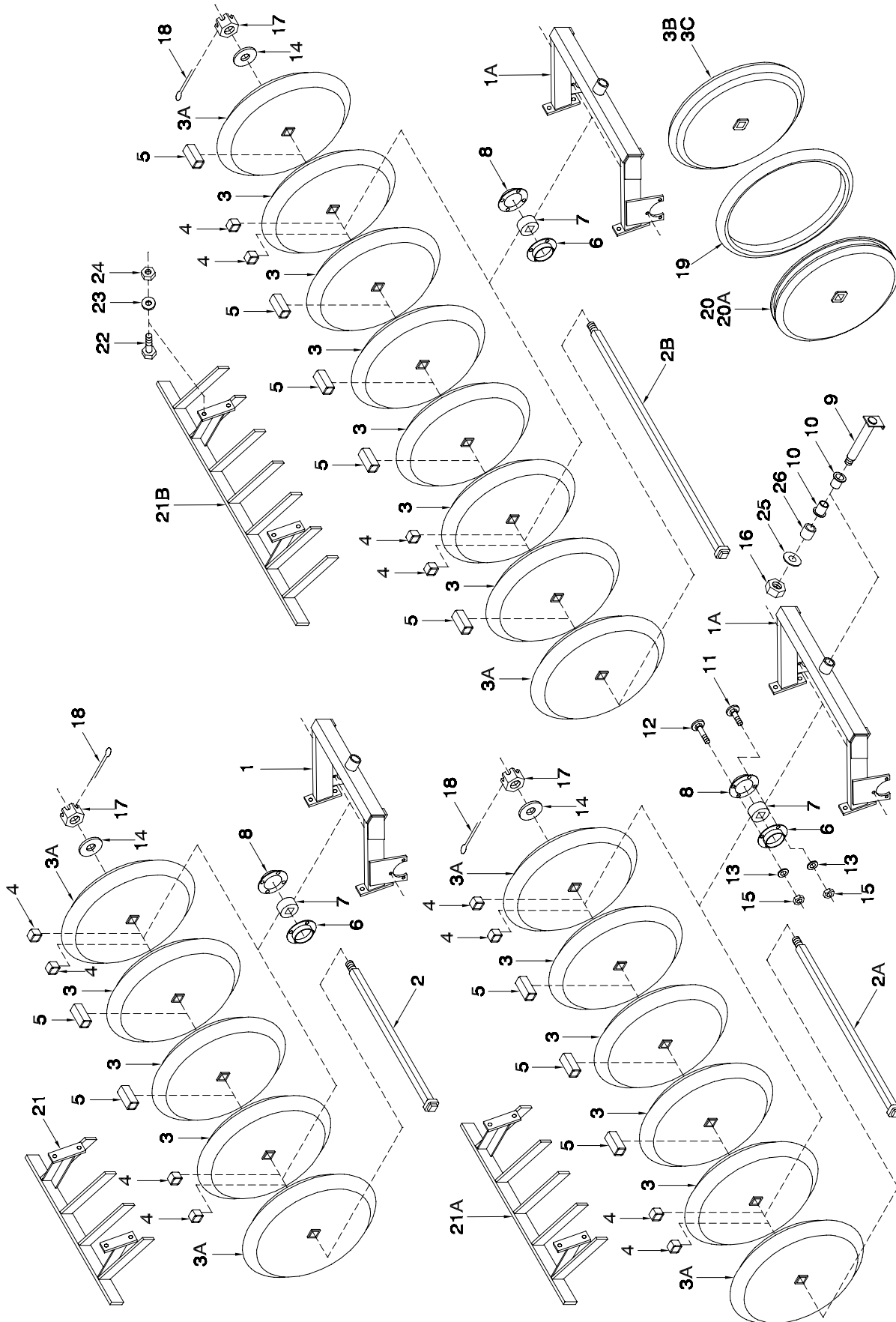
# Packers - 7.5" Spacing - Right Side - 3.5" Steel or Rubber - Prior to September 2008

| Item | Part No. | Description                                                         | No: Used |     |     |
|------|----------|---------------------------------------------------------------------|----------|-----|-----|
|      |          |                                                                     | 5Wh      | 6Wh | 8Wh |
| 1    | S22130   | Evener - 5 Wheel .....                                              | 1        | -   | -   |
| 1A   | S22127   | Evener - 6 & 8 Wheel .....                                          | -        | 1   | 1   |
| 2    | S22513   | Shaft - Gang - 5 Wide Wheel .....                                   | 1        | -   | -   |
| 2A   | S22724   | Shaft - Gang - 6 Wide Wheel .....                                   | -        | 1   | -   |
| 2B   | D18566   | Shaft - Gang - 8 Wide Wheel .....                                   | -        | -   | 1   |
| 3    | S27559   | Steel Press Wheel - 3 1/2 x 23 5/8" Dia .....                       | 5        | 6   | 8   |
|      | D13756   | Steel Press Wheel - 3 1/2 x 24 3/8 Dia" .....                       | 5        | 6   | 8   |
| 3A   | D13755   | Rubber Press Wheel Assembly - 3 1/2" (Includes Items 19 & 20) ..... | 5        | 6   | 8   |
| 4    | D18569   | Spacer - 1 1/32 Lg .....                                            | 4        | 4   | 4   |
| 5    | D18568   | Spacer - 3 1/2 Lg .....                                             | 2        | 3   | 5   |
| 6    | D-5022   | Flangette .....                                                     | 2        | 2   | 2   |
| 7    | D-4938   | Bearing (Relub) .....                                               | 2        | 2   | 2   |
| 8    | D11174   | Flangette - with 45 degree grease fitting .....                     | 2        | 2   | 2   |
| 9    | C18527   | Pin - 1 1/4 x 5 25/32 UL (With Pivot Arm) .....                     | 1        | 1   | 1   |
| 9A   | C18529   | Pin - 1 1/4 x 7 1/32 UL (Without Pivot Arm) .....                   | 1        | 1   | 1   |
| 10   | C18510   | Nylon Bushing - 1 7/8 .....                                         | 2        | 2   | 2   |
| 11   | D-5265   | Carriage Bolt - 1/2 x 1 .....                                       | 2        | 2   | 2   |
| 12   | T-5266   | Carriage Bolt - 1/2 x 1 1/4 .....                                   | 6        | 6   | 6   |
| 13   | W-525    | Lockwasher - 1/2 .....                                              | 8        | 8   | 8   |
| 14   | D-5499   | Washer - 1.313 ID x 2.75 OD x 9 GA .....                            | 1        | 1   | 1   |
| 15   | W-516    | Hex Nut - 1/2 .....                                                 | 8        | 8   | 8   |
| 16   | D-5274   | Locknut - 1 .....                                                   | 1        | 1   | 1   |
| 17   | N19484   | Slotted Nut - 1 1/4 .....                                           | 1        | 1   | 1   |
| 18   | W-4181   | Cotter Pin - 1/4 x 2 Lg .....                                       | 1        | 1   | 1   |
| 19   | D10441   | Rubber Tire - 3 1/2" (Rubber Press Wheels Only) .....               | 5        | 6   | 8   |
| 20   | D13757   | Wheel Rim - 3 1/2" (Rubber Press Wheels Only) .....                 | 5        | 6   | 8   |
| 21   | S22213   | Rock Deflector - 5 Wheel .....                                      | 1        | -   | -   |
| 21A  | S22210   | Rock Deflector - 6 Wheel .....                                      | -        | 1   | -   |
| 21B  | S22203   | Rock Deflector - 8 Wheel .....                                      | -        | -   | 1   |
| 22   | W-498    | Hex Bolt - 5/8 x 1 1/4 .....                                        | 4        | 4   | 4   |
| 23   | W-526    | Lockwasher - 5/8 .....                                              | 4        | 4   | 4   |
| 24   | W-517    | Hex Nut - 5/8 .....                                                 | 4        | 4   | 4   |
| 25   | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....                              | 1        | 1   | 1   |
| 26   | S32572   | Spacer Bushing - 1 1/4 ID x 2 OD x 1 3/16 LG .....                  | 1        | 1   | 1   |
|      |          | (Used on Wings Only where pivot arms are not used)                  |          |     |     |
|      | S25977   | 5 Wheel Steel Packer Gang Assembly Kit                              |          |     |     |
|      | S25981   | 5 Wheel Rubber Packer Gang Assembly Kit                             |          |     |     |
|      | S30462   | 6 Wheel Steel Packer Gang Assembly Kit                              |          |     |     |
|      | S30461   | 6 Wheel Rubber Packer Gang Assembly Kit                             |          |     |     |
|      | S25979   | 8 Wheel Steel Packer Gang Assembly Kit                              |          |     |     |
|      | S25983   | 8 Wheel Rubber Packer Gang Assembly Kit                             |          |     |     |

Number of Packer Assemblies required for each machine:

|     | 5 Wheel | 6 Wheel | 8 Wheel |
|-----|---------|---------|---------|
| 29' | 1       | 7       | -       |
| 34' | 1       | 3       | 4       |
| 39' | 9       | 3       | -       |
| 49' | 1       | 7       | 4       |

# **Packer Gangs** **7.5" Spacing - 3.5" Steel or Rubber - September 2008 to Present**



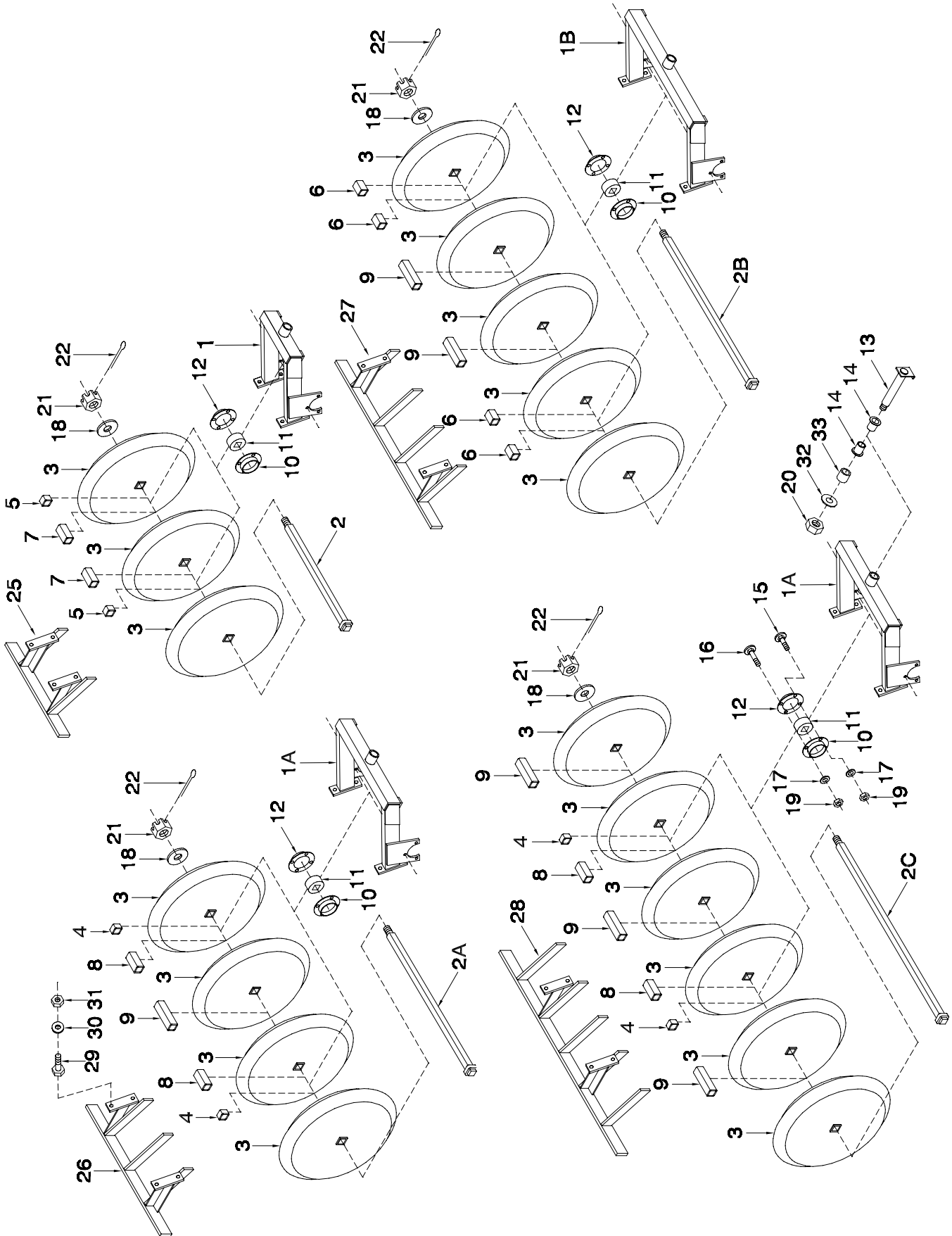
# Packer Gangs - 7.5" Spacing - 3.5" Steel or Rubber - September 2008 to Present

| Item | Part No. | Description                                           | No: Used |     |     |
|------|----------|-------------------------------------------------------|----------|-----|-----|
|      |          |                                                       | 5Wh      | 6Wh | 8Wh |
| 1    | S22130   | Evener - 5 Wheel .....                                | 1        | -   | -   |
| 1A   | S22127   | Evener - 6 & 8 Wheel .....                            | -        | 1   | 1   |
| 2    | S22391   | Gang Shaft - 5 Wheel .....                            | 1        | -   | -   |
| 2A   | S22390   | Gang Shaft - 6 Wheel .....                            | -        | 1   | -   |
| 2B   | S22389   | Gang Shaft - 8 Wheel .....                            | -        | -   | 1   |
| 3    | S27559   | Steel Press Wheel - 3 1/2 x 23 5/8 Dia .....          | 3        | 4   | 6   |
| 3A   | S39530   | Concave Steel Press Wheel - 3 1/2 x 23 5/8 Dia .....  | 2        | 2   | 2   |
| 3B   | S32300   | Rubber Press Wheel - (Includes Items 19 & 20) .....   | 3        | 4   | 6   |
| 3C   | S39500   | Concave Rubber Press Wheel - (Items 19 & 20A) .....   | 2        | 2   | 2   |
| 4    | D18569   | Spacer - 1 1/32 Lg .....                              | 4        | 4   | 4   |
| 5    | D18568   | Spacer - 3 1/2 Lg .....                               | 2        | 3   | 5   |
| 6    | D-5022   | Flangette .....                                       | 2        | 2   | 2   |
| 7    | D-4938   | Bearing (Relub) .....                                 | 2        | 2   | 2   |
| 8    | D11174   | Flangette - with 45 degree grease fitting .....       | 2        | 2   | 2   |
| 9    | C18527   | Pin - 1 1/4 x 5 25/32 UL (With Pivot Arm) .....       | 1        | 1   | 1   |
| 9A   | C18529   | Pin - 1 1/4 x 7 1/32 UL (Without Pivot Arm) .....     |          |     |     |
| 10   | C18510   | Nylon Bushing - 1 7/8 .....                           | 2        | 2   | 2   |
| 11   | D-5265   | Carriage Bolt - 1/2 x 1 .....                         | 2        | 2   | 2   |
| 12   | T-5266   | Carriage Bolt - 1/2 x 1 1/4 .....                     | 6        | 6   | 6   |
| 13   | W-525    | Lockwasher - 1/2 .....                                | 8        | 8   | 8   |
| 14   | D-5499   | Washer - 1.313 ID x 2.75 OD x 9 GA .....              | 1        | 1   | 1   |
| 15   | W-516    | Hex Nut - 1/2 .....                                   | 8        | 8   | 8   |
| 16   | D-5274   | Locknut - 1 .....                                     | 1        | 1   | 1   |
| 17   | N19484   | Slotted Nut - 1 1/4 .....                             | 1        | 1   | 1   |
| 18   | W-4181   | Cotter Pin - 1/4 x 2 Lg .....                         | 1        | 1   | 1   |
| 19   | D10441   | Rubber Tire - 3 1/2" (Rubber Press Wheels Only) ..... | 5        | 6   | 8   |
| 20   | D13757   | Wheel Rim - 3 1/2" (Rubber Press Wheels Only) .....   | 5        | 6   | 8   |
| 21   | S22213   | Rock Deflector - 5 Wheel .....                        | 1        | -   | -   |
| 21A  | S22210   | Rock Deflector - 6 Wheel .....                        | -        | 1   | -   |
| 21B  | S22203   | Rock Deflector - 8 Wheel .....                        | -        | -   | 1   |
| 22   | W-498    | Hex Bolt - 5/8 x 1 1/4 .....                          | 4        | 4   | 4   |
| 23   | W-526    | Lockwasher - 5/8 .....                                | 4        | 4   | 4   |
| 24   | W-517    | Hex Nut - 5/8 .....                                   | 4        | 4   | 4   |
| 25   | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....                | 1        | 1   | 1   |
| 26   | S32572   | Spacer Bushing - 1 1/4 ID x 2 OD x 1 3/16 LG .....    | 1        | 1   | 1   |
|      |          | (Used on Wings Only where pivot arms are not used)    |          |     |     |
|      | S30464   | 5 Wheel Steel Packer Gang Assembly Kit                |          |     |     |
|      | S30463   | 5 Wheel Rubber Packer Gang Assembly Kit               |          |     |     |
|      | S25978   | 6 Wheel Steel Packer Gang Assembly Kit                |          |     |     |
|      | S25982   | 6 Wheel Rubber Packer Gang Assembly Kit               |          |     |     |
|      | S30466   | 8 Wheel Steel Packer Gang Assembly Kit                |          |     |     |
|      | S30465   | 8 Wheel Rubber Packer Gang Assembly Kit               |          |     |     |

Number of Packer Assemblies required for each machine:

|     | 5 Wheel | 6 Wheel | 8 Wheel |
|-----|---------|---------|---------|
| 29' | 1       | 7       | -       |
| 34' | 1       | 3       | 4       |
| 39' | 9       | 3       | -       |
| 49' | 1       | 7       | 4       |

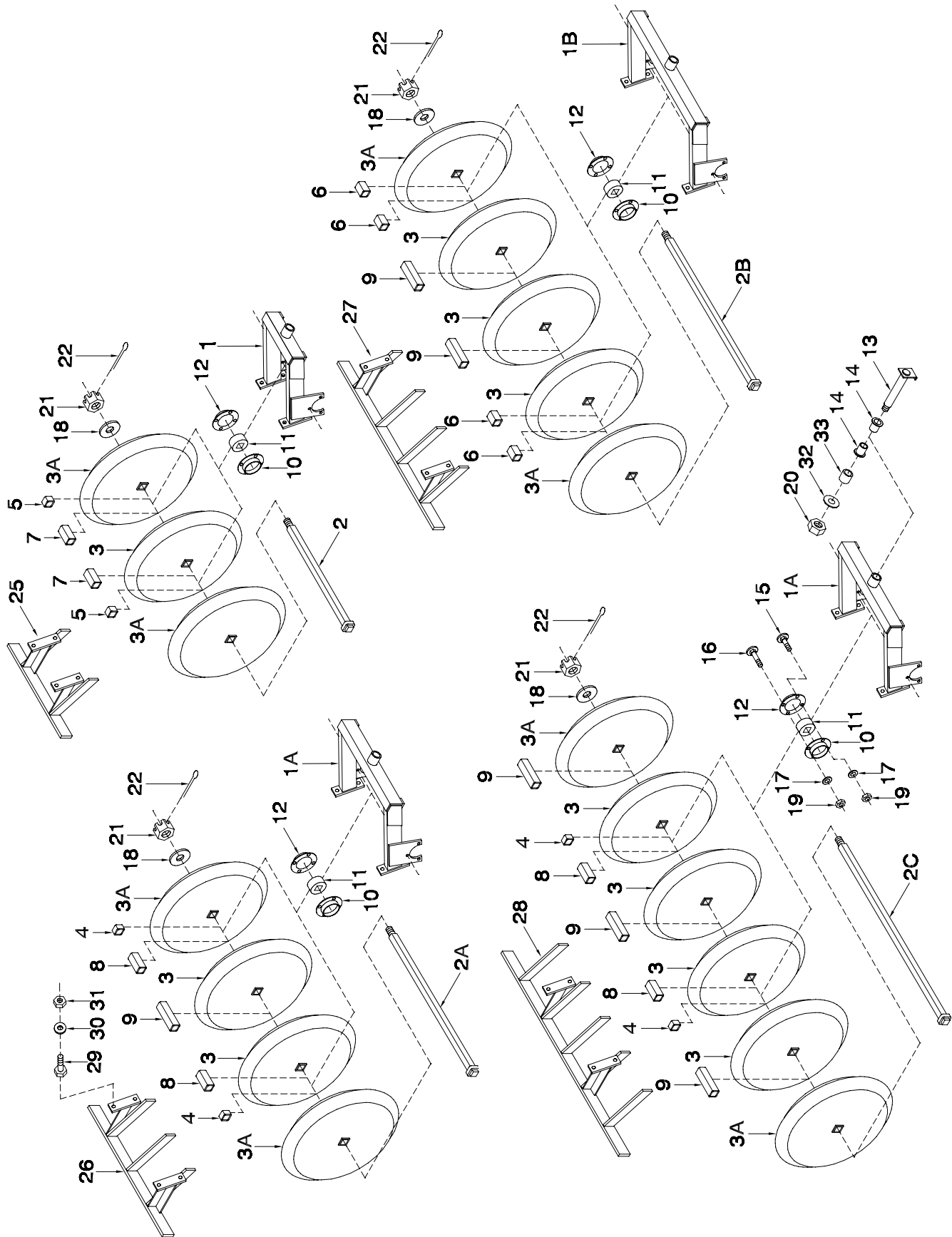
# **Packer Gangs** **10" Spacing - 2" Steel - Prior to September 2008**



# Packer Gangs - 10" Spacing - 2" Steel - Prior to September 2008

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |                                                    | No: Used |         |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------------------------------|----------|---------|-----|-----|--|---------|---------|---------|---------|-----|---|---|---|---|-----|---|---|---|---|-----|---|----|---|---|-----|---|----|---|---|-----|---|----|---|---|-----|---|----|---|---|
| Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Part No. | Description                                        | 3Wh      | 4Wh     | 5Wh | 6Wh |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S22530   | Evener - 3 Wheel .....                             | 1        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 1A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22130   | Evener - 4 & 6 Wheel .....                         | -        | 1       | -   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 1B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22127   | Evener - 5 Wheel .....                             | -        | -       | 1   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S22630   | Gang Shaft - 3 Wheel .....                         | 1        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 2A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22513   | Gang Shaft - 4 Wheel .....                         | -        | 1       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 2B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22514   | Gang Shaft - 5 Wheel .....                         | -        | -       | 1   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 2C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22515   | Gang Shaft - 6 Wheel .....                         | -        | -       | -   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S27560   | Steel Press Wheel - 2 x 23 5/8" Dia .....          | 3        | 4       | 5   | 6   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | D18569   | Spacer - 1 1/32 Lg .....                           | -        | 2       | -   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S22634   | Spacer - 1 9/32 Lg .....                           | 2        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | D13585   | Spacer - 2 9/32 Lg .....                           | -        | -       | 4   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | D13580   | Spacer - 3 9/32 Lg .....                           | 2        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | D18568   | Spacer - 3 1/2 Lg .....                            | -        | 2       | -   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | D13586   | Spacer - 6 Lg .....                                | -        | 1       | 2   | 3   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D-5022   | Flangette .....                                    | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D-4938   | Bearing .....                                      | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D11174   | Flangette - with 45 degree grease fitting .....    | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | C18527   | Pin - 1 1/4 x 5 25/32 UL (With Pivot Arm) .....    | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 13A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | C18529   | Pin - 1 1/4 x 7 1/32 UL (Without Pivot Arm) .....  | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | C18510   | Nylon Bushing - 1 7/8 .....                        | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D-5265   | Carriage Bolt - 1/2 x 1 .....                      | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | T-5266   | Carriage Bolt - 1/2 x 1 1/4 .....                  | 6        | 6       | 6   | 6   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | W-525    | Lockwasher - 1/2 .....                             | 8        | 8       | 8   | 8   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D-5499   | Washer - 1.313 ID x 2.75 OD x 9 GA .....           | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | W-516    | Hex Nut - 1/2 .....                                | 8        | 8       | 8   | 8   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D-5274   | Locknut - 1 .....                                  | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | N19484   | Slotted Nut - 1 1/4 .....                          | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | W-4181   | Cotter Pin - 1/4 x 2 .....                         | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | *****    |                                                    |          |         |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | *****    |                                                    |          |         |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22716   | Deflector - 3 Wheel .....                          | 1        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22707   | Deflector - 4 Wheel .....                          | -        | 1       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22708   | Deflector - 5 Wheel .....                          | -        | -       | 1   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22709   | Deflector - 6 Wheel .....                          | -        | -       | -   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | W-498    | Hex Bolt - 5/8 x 1 3/4 .....                       | 4        | 4       | 4   | 4   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | W-526    | Lockwasher - 5/8 .....                             | 4        | 4       | 4   | 4   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | W-517    | Hex Nut - 5/8 .....                                | 4        | 4       | 4   | 4   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....             | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S32572   | Spacer Bushing - 1 1/4 ID x 2 OD x 1 3/16 LG ..... | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| (Used on Wings Only where pivot arms are not used)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |                                                    |          |         |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| <div><div>Number of Packer Assemblies Required for Each Machine:</div><table><tr><td></td><td>3 Wheel</td><td>4 Wheel</td><td>5 Wheel</td><td>6 Wheel</td></tr><tr><td>29'</td><td>-</td><td>4</td><td>4</td><td>-</td></tr><tr><td>34'</td><td>-</td><td>2</td><td>2</td><td>4</td></tr><tr><td>40'</td><td>-</td><td>12</td><td>-</td><td>-</td></tr><tr><td>49'</td><td>-</td><td>12</td><td>4</td><td>4</td></tr><tr><td>55'</td><td>-</td><td>14</td><td>2</td><td>-</td></tr><tr><td>60'</td><td>-</td><td>12</td><td>-</td><td>4</td></tr></table></div> |          |                                                    |          |         |     |     |  | 3 Wheel | 4 Wheel | 5 Wheel | 6 Wheel | 29' | - | 4 | 4 | - | 34' | - | 2 | 2 | 4 | 40' | - | 12 | - | - | 49' | - | 12 | 4 | 4 | 55' | - | 14 | 2 | - | 60' | - | 12 | - | 4 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 Wheel  | 4 Wheel                                            | 5 Wheel  | 6 Wheel |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 29'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -        | 4                                                  | 4        | -       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 34'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -        | 2                                                  | 2        | 4       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 40'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -        | 12                                                 | -        | -       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 49'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -        | 12                                                 | 4        | 4       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 55'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -        | 14                                                 | 2        | -       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 60'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -        | 12                                                 | -        | 4       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |

# Packer Gangs 10" Spacing - 2" Steel - September 2008 to Present



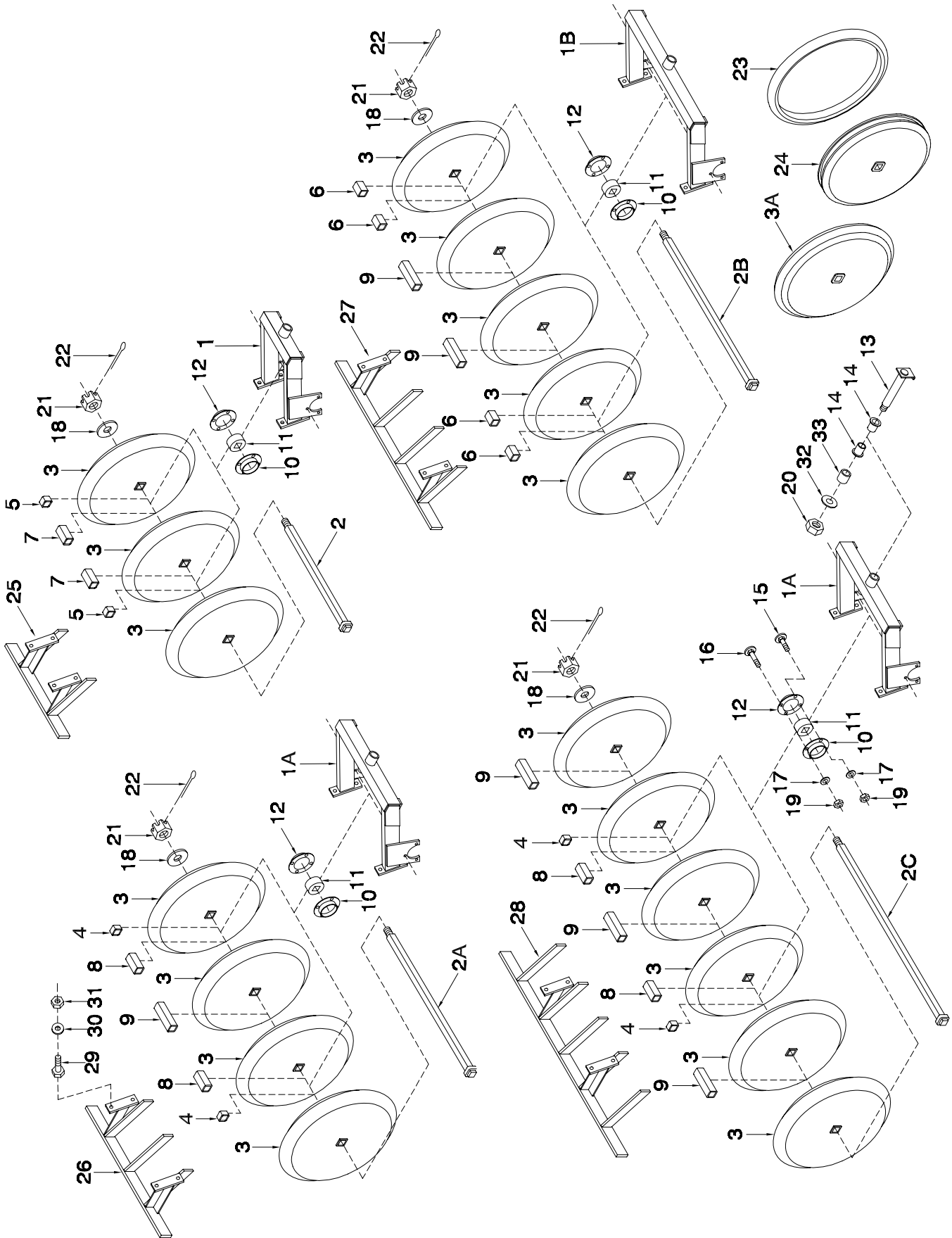
# Packer Gangs - 10" Spacing - 2" Steel - September 2008 to Present

| Item                                               | Part No. | Description                                          | No: Used |     |     |     |
|----------------------------------------------------|----------|------------------------------------------------------|----------|-----|-----|-----|
|                                                    |          |                                                      | 3Wh      | 4Wh | 5Wh | 6Wh |
| 1                                                  | S22530   | Evener - 3 Wheel .....                               | 1        | -   | -   | -   |
| 1A                                                 | S22130   | Evener - 4 & 6 Wheel .....                           | -        | 1   | -   | 1   |
| 1B                                                 | S22127   | Evener - 5 Wheel .....                               | -        | -   | 1   | -   |
| 2                                                  | S39785   | Gang Shaft - 3 Wheel .....                           | 1        | -   | -   | -   |
| 2A                                                 | S22391   | Gang Shaft - 4 Wheel .....                           | -        | 1   | -   | -   |
| 2B                                                 | S39787   | Gang Shaft - 5 Wheel .....                           | -        | -   | 1   | -   |
| 2C                                                 | S22498   | Gang Shaft - 6 Wheel .....                           | -        | -   | -   | 1   |
| 3                                                  | S27559   | Steel Press Wheel - 3 1/2 x 23 5/8 Dia .....         | 1        | 2   | 3   | 4   |
| 3A                                                 | S39530   | Concave Steel Press Wheel - 3 1/2 x 23 5/8 Dia ..... | 2        | 2   | 2   | 2   |
| 4                                                  | D18569   | Spacer - 1 1/32 Lg .....                             | -        | 2   | -   | 2   |
| 5                                                  | S22634   | Spacer - 1 9/32 Lg .....                             | 2        | -   | -   | -   |
| 6                                                  | D13585   | Spacer - 2 9/32 Lg .....                             | -        | -   | 4   | -   |
| 7                                                  | D13580   | Spacer - 3 9/32 Lg .....                             | 2        | -   | -   | -   |
| 8                                                  | D18568   | Spacer - 3 1/2 Lg .....                              | -        | 2   | -   | 2   |
| 9                                                  | D13586   | Spacer - 6 Lg .....                                  | -        | 1   | 2   | 3   |
| 10                                                 | D-5022   | Flangette .....                                      | 2        | 2   | 2   | 2   |
| 11                                                 | D-4938   | Bearing .....                                        | 2        | 2   | 2   | 2   |
| 12                                                 | D11174   | Flangette - with 45 degree grease fitting .....      | 2        | 2   | 2   | 2   |
| 13                                                 | C18527   | Pin - 1 1/4 x 5 25/32 UL (With Pivot Arm) .....      | 1        | 1   | 1   | 1   |
| 13A                                                | C18529   | Pin - 1 1/4 x 7 1/32 UL (Without Pivot Arm) .....    | 1        | 1   | 1   | 1   |
| 14                                                 | C18510   | Nylon Bushing - 1 7/8 .....                          | 2        | 2   | 2   | 2   |
| 15                                                 | D-5265   | Carriage Bolt - 1/2 x 1 .....                        | 2        | 2   | 2   | 2   |
| 16                                                 | T-5266   | Carriage Bolt - 1/2 x 1 1/4 .....                    | 6        | 6   | 6   | 6   |
| 17                                                 | W-525    | Lockwasher - 1/2 .....                               | 8        | 8   | 8   | 8   |
| 18                                                 | D-5499   | Washer - 1.313 ID x 2.75 OD x 9 GA .....             | 1        | 1   | 1   | 1   |
| 19                                                 | W-516    | Hex Nut - 1/2 .....                                  | 8        | 8   | 8   | 8   |
| 20                                                 | D-5274   | Locknut - 1 .....                                    | 1        | 1   | 1   | 1   |
| 21                                                 | N19484   | Slotted Nut - 1 1/4 .....                            | 1        | 1   | 1   | 1   |
| 22                                                 | W-4181   | Cotter Pin - 1/4 x 2 .....                           | 1        | 1   | 1   | 1   |
| 23                                                 | *****    |                                                      |          |     |     |     |
| 24                                                 | *****    |                                                      |          |     |     |     |
| 25                                                 | S22716   | Deflector - 3 Wheel .....                            | 1        | -   | -   | -   |
| 26                                                 | S22707   | Deflector - 4 Wheel .....                            | -        | 1   | -   | -   |
| 27                                                 | S22708   | Deflector - 5 Wheel .....                            | -        | -   | 1   | -   |
| 28                                                 | S22709   | Deflector - 6 Wheel .....                            | -        | -   | -   | 1   |
| 29                                                 | W-498    | Hex Bolt - 5/8 x 1 3/4 .....                         | 4        | 4   | 4   | 4   |
| 30                                                 | W-526    | Lockwasher - 5/8 .....                               | 4        | 4   | 4   | 4   |
| 31                                                 | W-517    | Hex Nut - 5/8 .....                                  | 4        | 4   | 4   | 4   |
| 32                                                 | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....               | 1        | 1   | 1   | 1   |
| 33                                                 | S32572   | Spacer Bushing - 1 1/4 ID x 2 OD x 1 3/16 LG .....   | 1        | 1   | 1   | 1   |
| (Used on Wings Only where pivot arms are not used) |          |                                                      |          |     |     |     |

Number of Packer Assemblies Required for Each Machine:

|     | 3 Wheel | 4 Wheel | 5 Wheel | 6 Wheel |
|-----|---------|---------|---------|---------|
| 29' | -       | 4       | 4       | -       |
| 34' | -       | 2       | 2       | 4       |
| 40' | -       | 12      | -       | -       |
| 49' | -       | 12      | 4       | 4       |
| 55' | -       | 14      | 2       | -       |
| 60' | -       | 12      | -       | 4       |

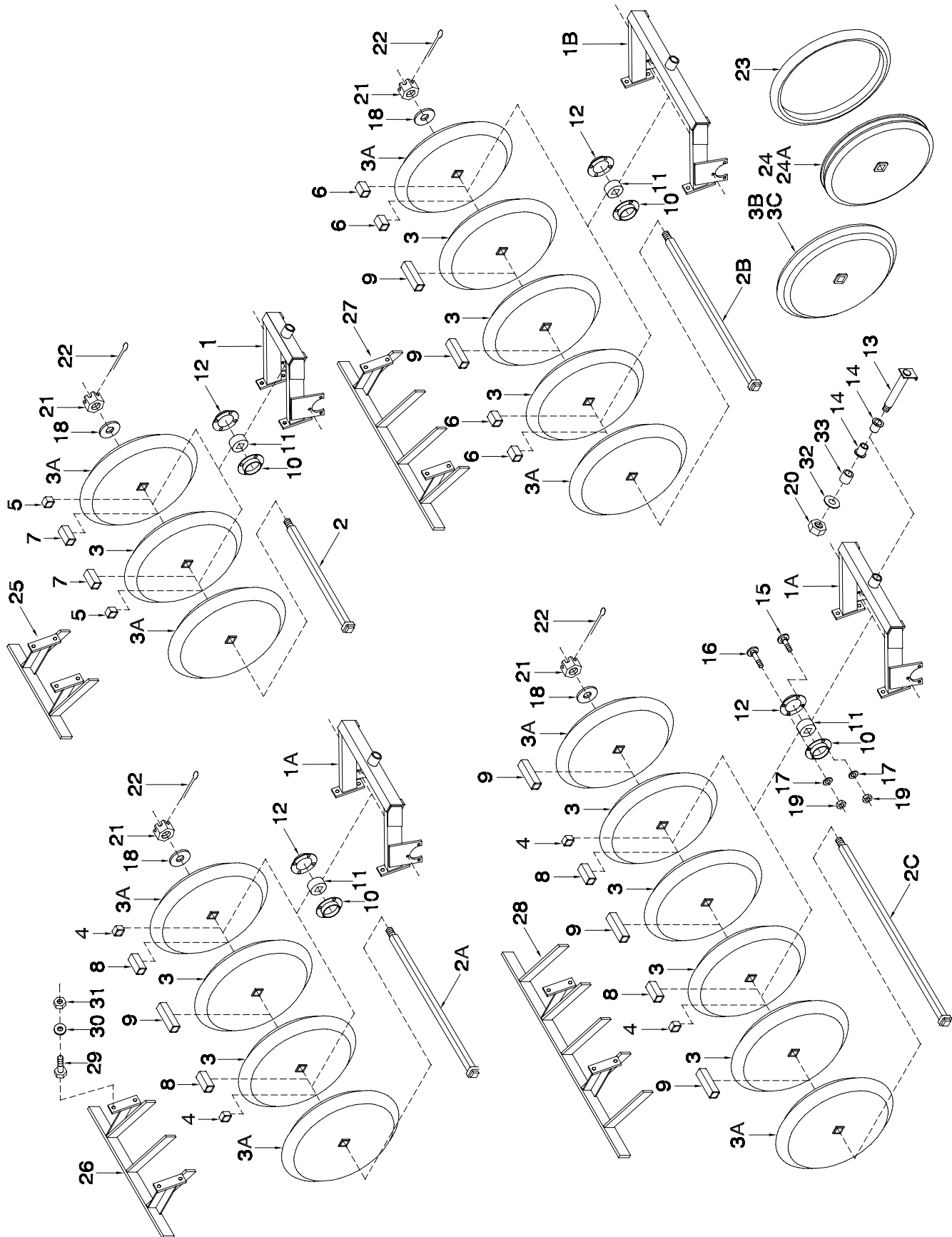
# **Packer Gangs** **10" Spacing - 3.5" Steel or Rubber - Prior to September 2008**



# Packer Gangs - 10" Spacing - 3.5" Steel or Rubber - Prior to September 2008

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |                                                            | No: Used |         |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------|----------|---------|-----|-----|--|---------|---------|---------|---------|-----|---|---|---|---|-----|---|---|---|---|-----|---|----|---|---|-----|---|----|---|---|-----|---|----|---|---|-----|---|----|---|---|
| Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Part No. | Description                                                | 3Wh      | 4Wh     | 5Wh | 6Wh |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S22530   | Evener - 3 Wheel .....                                     | 1        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 1A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22130   | Evener - 4 & 6 Wheel .....                                 | -        | 1       | -   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 1B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22127   | Evener - 5 Wheel .....                                     | -        | -       | 1   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S22630   | Gang Shaft - 3 Wheel .....                                 | 1        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 2A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22513   | Gang Shaft - 4 Wheel .....                                 | -        | 1       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 2B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22514   | Gang Shaft - 5 Wheel .....                                 | -        | -       | 1   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 2C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22515   | Gang Shaft - 6 Wheel .....                                 | -        | -       | -   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S27559   | Steel Press Wheel - 3 1/2 x 23 5/8" Dia .....              | 3        | 4       | 5   | 6   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 3A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D13755   | Rubber Press Wheel Assembly (Includes Items 23 & 24) ..... | 3        | 4       | 5   | 6   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | D18569   | Spacer - 1 1/32 Lg .....                                   | -        | 2       | -   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S22634   | Spacer - 1 9/32 Lg .....                                   | 2        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | D13585   | Spacer - 2 9/32 Lg .....                                   | -        | -       | 4   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | D13580   | Spacer - 3 9/32 Lg .....                                   | 2        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | D18568   | Spacer - 3 1/2 Lg .....                                    | -        | 2       | -   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | D13586   | Spacer - 6 Lg .....                                        | -        | 1       | 2   | 3   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D-5022   | Flangette .....                                            | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D-4938   | Bearing .....                                              | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D11174   | Flangette - with 45 degree grease fitting .....            | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | C18527   | Pin - 1 1/4 x 5 25/32 UL (With Pivot Arm) .....            | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 13A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | C18529   | Pin - 1 1/4 x 7 1/32 UL (Without Pivot Arm) .....          | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | C18510   | Nylon Bushing - 1 7/8 .....                                | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D-5265   | Carriage Bolt - 1/2 x 1 .....                              | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | T-5266   | Carriage Bolt - 1/2 x 1 1/4 .....                          | 6        | 6       | 6   | 6   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | W-525    | Lockwasher - 1/2 .....                                     | 8        | 8       | 8   | 8   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D-5499   | Washer - 1.313 ID x 2.75 OD x 9 GA .....                   | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | W-516    | Hex Nut - 1/2 .....                                        | 8        | 8       | 8   | 8   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D-5274   | Locknut - 1 .....                                          | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | N19484   | Slotted Nut - 1 1/4 .....                                  | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | W-4181   | Cotter Pin - 1/4 x 2 .....                                 | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D10441   | Rubber Tire (Rubber Press Wheels Only) .....               | 3        | 4       | 5   | 6   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D13757   | Wheel Rim - 3 1/2" (Rubber Press Wheels Only) .....        | 3        | 4       | 5   | 6   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22716   | Deflector - 3 Wheel .....                                  | 1        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22707   | Deflector - 4 Wheel .....                                  | -        | 1       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22708   | Deflector - 5 Wheel .....                                  | -        | -       | 1   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22709   | Deflector - 6 Wheel .....                                  | -        | -       | -   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | W-498    | Hex Bolt - 5/8 x 1 3/4 .....                               | 4        | 4       | 4   | 4   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | W-526    | Lockwasher - 5/8 .....                                     | 4        | 4       | 4   | 4   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | W-517    | Hex Nut - 5/8 .....                                        | 4        | 4       | 4   | 4   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....                     | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S32572   | Spacer Bushing - 1 1/4 ID x 2 OD x 1 3/16 LG .....         | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| (Used on Wings Only where pivot arms are not used)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |                                                            |          |         |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| <div><div>Number of Packer Assemblies Required for Each Machine:</div><table><tr><td></td><td>3 Wheel</td><td>4 Wheel</td><td>5 Wheel</td><td>6 Wheel</td></tr><tr><td>29'</td><td>-</td><td>4</td><td>4</td><td>-</td></tr><tr><td>34'</td><td>-</td><td>2</td><td>2</td><td>4</td></tr><tr><td>40'</td><td>-</td><td>12</td><td>-</td><td>-</td></tr><tr><td>49'</td><td>-</td><td>12</td><td>4</td><td>4</td></tr><tr><td>55'</td><td>-</td><td>14</td><td>2</td><td>-</td></tr><tr><td>60'</td><td>-</td><td>12</td><td>-</td><td>4</td></tr></table></div> |          |                                                            |          |         |     |     |  | 3 Wheel | 4 Wheel | 5 Wheel | 6 Wheel | 29' | - | 4 | 4 | - | 34' | - | 2 | 2 | 4 | 40' | - | 12 | - | - | 49' | - | 12 | 4 | 4 | 55' | - | 14 | 2 | - | 60' | - | 12 | - | 4 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 Wheel  | 4 Wheel                                                    | 5 Wheel  | 6 Wheel |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 29'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -        | 4                                                          | 4        | -       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 34'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -        | 2                                                          | 2        | 4       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 40'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -        | 12                                                         | -        | -       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 49'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -        | 12                                                         | 4        | 4       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 55'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -        | 14                                                         | 2        | -       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 60'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -        | 12                                                         | -        | 4       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |

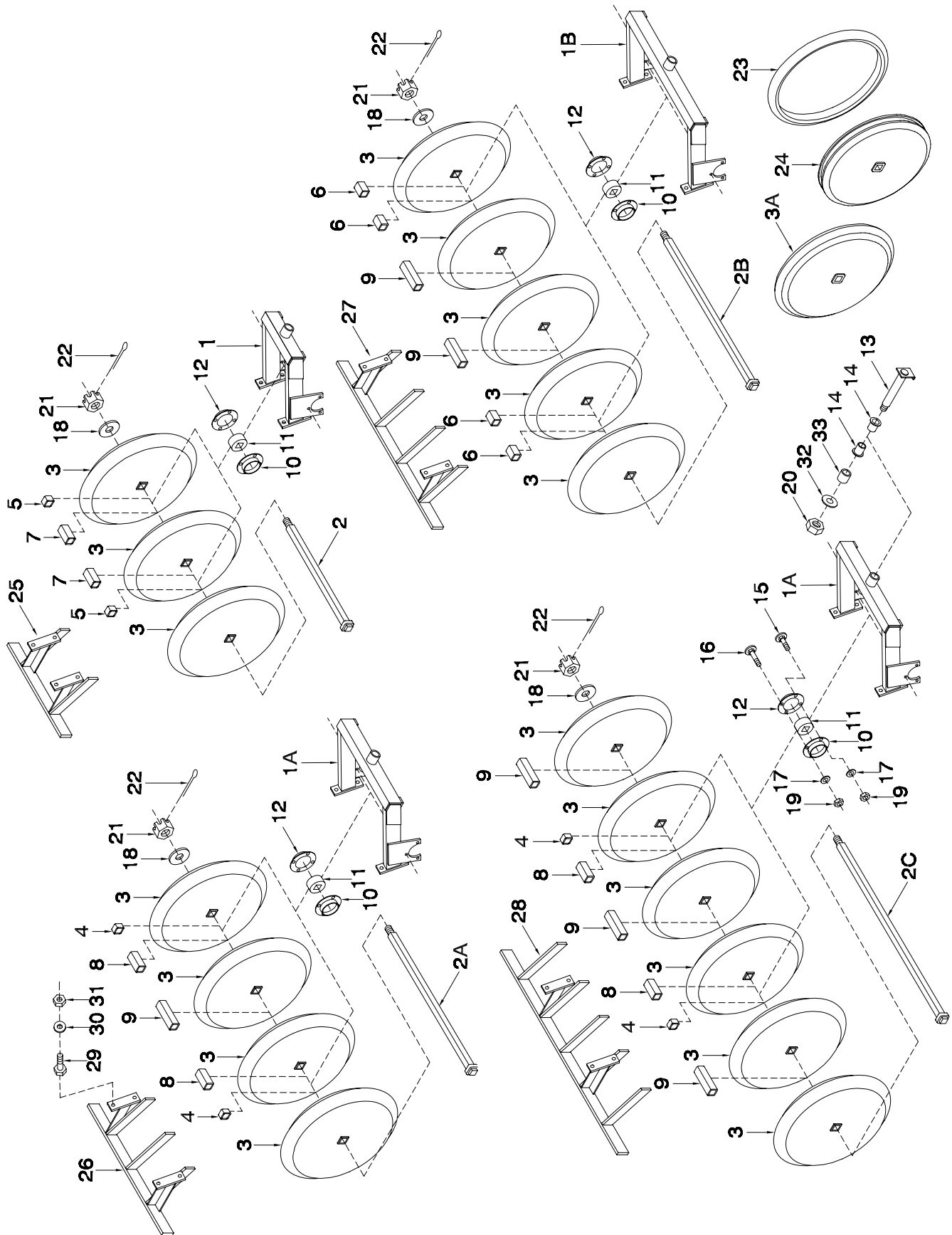
# **Packer Gangs** **10" Spacing - 3.5" Steel or Rubber - September 2008 to Present**



# Packer Gangs - 10" Spacing - 3.5" Steel or Rubber - September 2008 to Present

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |                                                                     | No: Used |         |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------|----------|---------|-----|-----|--|---------|---------|---------|---------|-----|---|---|---|---|-----|---|---|---|---|-----|---|----|---|---|-----|---|----|---|---|-----|---|----|---|---|-----|---|----|---|---|
| Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Part No. | Description                                                         | 3Wh      | 4Wh     | 5Wh | 6Wh |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S22530   | Evener - 3 Wheel.....                                               | 1        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 1A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22130   | Evener - 4 & 6 Wheel .....                                          | -        | 1       | -   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 1B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22127   | Evener - 5 Wheel.....                                               | -        | -       | 1   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S39785   | Gang Shaft - 3 Wheel .....                                          | 1        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 2A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22391   | Gang Shaft - 4 Wheel .....                                          | -        | 1       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 2B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S39787   | Gang Shaft - 5 Wheel .....                                          | -        | -       | 1   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 2C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22498   | Gang Shaft - 6 Wheel .....                                          | -        | -       | -   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S27559   | Steel Press Wheel - 3 1/2 x 23 5/8 Dia .....                        | 1        | 2       | 3   | 4   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 3A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S39530   | Concave Steel Press Wheel - 3 1/2 x 23 5/8 Dia .....                | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 3B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S32300   | Rubber Press Wheel Assembly (Includes Items 23 & 24) .....          | 1        | 2       | 3   | 4   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 3C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S39500   | Concave Rubber Press Wheel Assembly (Includes Items 23 & 24A) ..... | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | D18569   | Spacer - 1 1/32 Lg.....                                             | -        | 2       | -   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | S22634   | Spacer - 1 9/32 Lg.....                                             | 2        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | D13585   | Spacer - 2 9/32 Lg.....                                             | -        | -       | 4   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | D13580   | Spacer - 3 9/32 Lg.....                                             | 2        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | D18568   | Spacer - 3 1/2 Lg.....                                              | -        | 2       | -   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | D13586   | Spacer - 6 Lg.....                                                  | -        | 1       | 2   | 3   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D-5022   | Flangette .....                                                     | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D-4938   | Bearing .....                                                       | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D11174   | Flangette - with 45 degree grease fitting .....                     | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | C18527   | Pin - 1 1/4 x 5 25/32 UL (With Pivot Arm) .....                     | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 13A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | C18529   | Pin - 1 1/4 x 7 1/32 UL (Without Pivot Arm) .....                   | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | C18510   | Nylon Bushing - 1 7/8 .....                                         | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D-5265   | Carriage Bolt - 1/2 x 1 .....                                       | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | T-5266   | Carriage Bolt - 1/2 x 1 1/4 .....                                   | 6        | 6       | 6   | 6   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | W-525    | Lockwasher - 1/2.....                                               | 8        | 8       | 8   | 8   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D-5499   | Washer - 1.313 ID x 2.75 OD x 9 GA .....                            | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | W-516    | Hex Nut - 1/2 .....                                                 | 8        | 8       | 8   | 8   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D-5274   | Locknut - 1 .....                                                   | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | N19484   | Slotted Nut - 1 1/4 .....                                           | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | W-4181   | Cotter Pin - 1/4 x 2 .....                                          | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S32299   | Rubber Tire (Rubber Press Wheels Only) .....                        | 3        | 4       | 5   | 6   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S32298   | Wheel Rim - 3 1/2 (Rubber Press Wheels Only) .....                  | 1        | 2       | 3   | 4   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 24A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S39527   | Concave Rim - 3 1/2 (Rubber Press Wheels Only) .....                | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22716   | Deflector - 3 Wheel .....                                           | 1        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22707   | Deflector - 4 Wheel .....                                           | -        | 1       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22708   | Deflector - 5 Wheel .....                                           | -        | -       | 1   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22709   | Deflector - 6 Wheel .....                                           | -        | -       | -   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | W-498    | Hex Bolt - 5/8 x 1 3/4 .....                                        | 4        | 4       | 4   | 4   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | W-526    | Lockwasher - 5/8.....                                               | 4        | 4       | 4   | 4   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | W-517    | Hex Nut - 5/8 .....                                                 | 4        | 4       | 4   | 4   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....                              | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S32572   | Spacer Bushing - 1 1/4 ID x 2 OD x 1 3/16 LG .....                  | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| (Used on Wings Only where pivot arms are not used)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |                                                                     |          |         |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| <div><div>Number of Packer Assemblies Required for Each Machine:</div><table><tr><th></th><th>3 Wheel</th><th>4 Wheel</th><th>5 Wheel</th><th>6 Wheel</th></tr><tr><td>29'</td><td>-</td><td>4</td><td>4</td><td>-</td></tr><tr><td>34'</td><td>-</td><td>2</td><td>2</td><td>4</td></tr><tr><td>40'</td><td>-</td><td>12</td><td>-</td><td>-</td></tr><tr><td>49'</td><td>-</td><td>12</td><td>4</td><td>4</td></tr><tr><td>55'</td><td>-</td><td>14</td><td>2</td><td>-</td></tr><tr><td>60'</td><td>-</td><td>12</td><td>-</td><td>4</td></tr></table></div> |          |                                                                     |          |         |     |     |  | 3 Wheel | 4 Wheel | 5 Wheel | 6 Wheel | 29' | - | 4 | 4 | - | 34' | - | 2 | 2 | 4 | 40' | - | 12 | - | - | 49' | - | 12 | 4 | 4 | 55' | - | 14 | 2 | - | 60' | - | 12 | - | 4 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 Wheel  | 4 Wheel                                                             | 5 Wheel  | 6 Wheel |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 29'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -        | 4                                                                   | 4        | -       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 34'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -        | 2                                                                   | 2        | 4       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 40'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -        | 12                                                                  | -        | -       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 49'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -        | 12                                                                  | 4        | 4       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 55'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -        | 14                                                                  | 2        | -       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |
| 60'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -        | 12                                                                  | -        | 4       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |     |   |    |   |   |

# **Packer Gangs** **10" Spacing - 4.5" Steel or Rubber - Prior to September 2008**



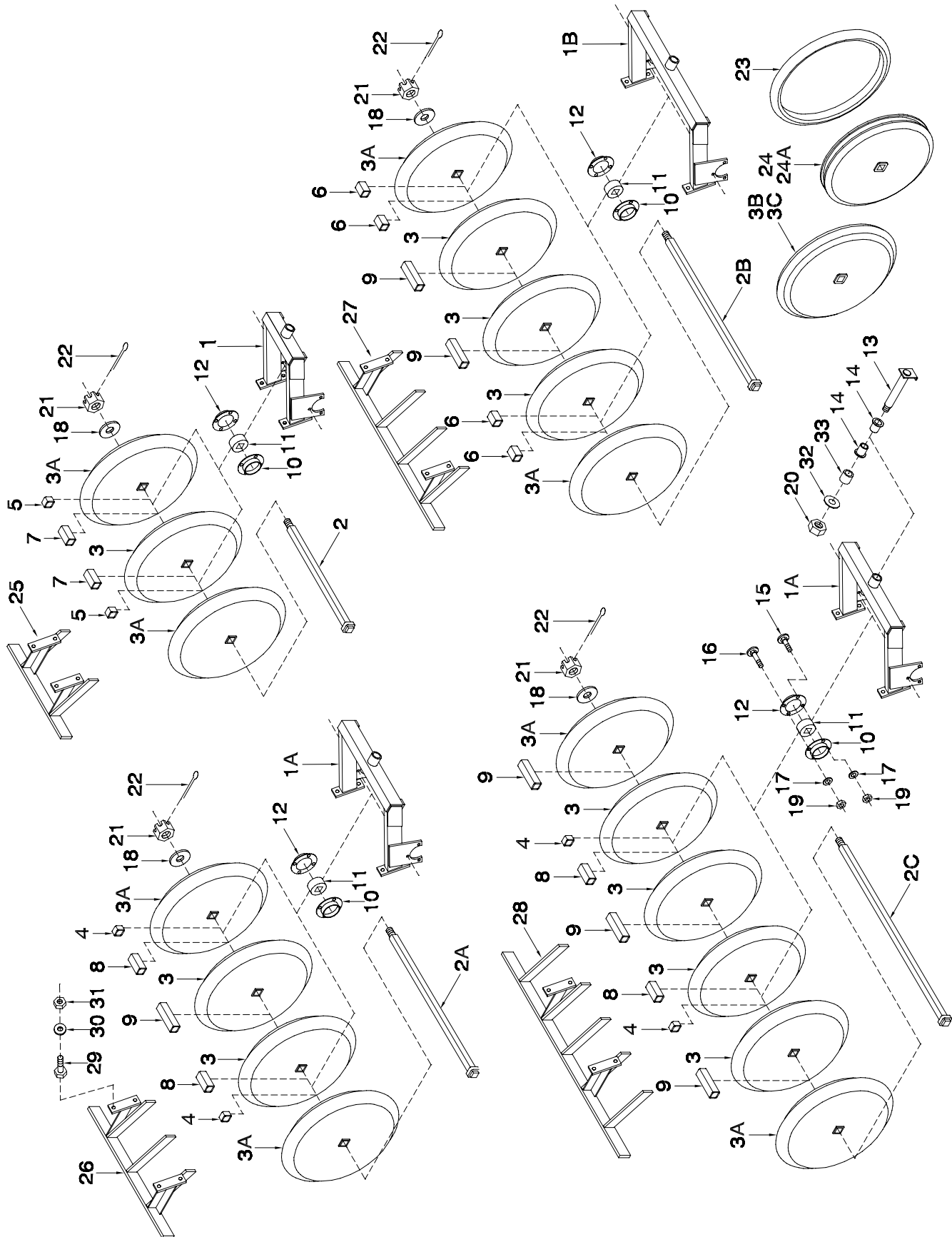
# Packer Gangs - 10" Spacing - 4.5" Steel or Rubber - Prior to September 2008

| Item                                               | Part No. | Description                                                | No: Used |     |     |     |
|----------------------------------------------------|----------|------------------------------------------------------------|----------|-----|-----|-----|
|                                                    |          |                                                            | 3Wh      | 4Wh | 5Wh | 6Wh |
| 1                                                  | S22530   | Evener - 3 Wheel .....                                     | 1        | -   | -   | -   |
| 1A                                                 | S22130   | Evener - 4 & 6 Wheel .....                                 | -        | 1   | -   | 1   |
| 1B                                                 | S22127   | Evener - 5 Wheel .....                                     | -        | -   | 1   | -   |
| 2                                                  | S22630   | Gang Shaft - 3 Wheel .....                                 | 1        | -   | -   | -   |
| 2A                                                 | S22513   | Gang Shaft - 4 Wheel .....                                 | -        | 1   | -   | -   |
| 2B                                                 | S22514   | Gang Shaft - 5 Wheel .....                                 | -        | -   | 1   | -   |
| 2C                                                 | S22515   | Gang Shaft - 6 Wheel .....                                 | -        | -   | -   | 1   |
| 3                                                  | S26760   | Steel Press Wheel - 4 1/2 x 23 5/8" Dia .....              | 3        | 4   | 5   | 6   |
| 3A                                                 | S26750   | Rubber Press Wheel Assembly (Includes Items 23 & 24) ..... | 3        | 4   | 5   | 6   |
| 4                                                  | D18569   | Spacer - 1 1/32 Lg .....                                   | -        | 2   | -   | 2   |
| 5                                                  | S22634   | Spacer - 1 9/32 Lg .....                                   | 2        | -   | -   | -   |
| 6                                                  | D13585   | Spacer - 2 9/32 Lg .....                                   | -        | -   | 4   | -   |
| 7                                                  | D13580   | Spacer - 3 9/32 Lg .....                                   | 2        | -   | -   | -   |
| 8                                                  | D18568   | Spacer - 3 1/2 Lg .....                                    | -        | 2   | -   | 2   |
| 9                                                  | D13586   | Spacer - 6 Lg .....                                        | -        | 1   | 2   | 3   |
| 10                                                 | D-5022   | Flangette .....                                            | 2        | 2   | 2   | 2   |
| 11                                                 | D-4938   | Bearing .....                                              | 2        | 2   | 2   | 2   |
| 12                                                 | D11174   | Flangette - with 45 degree grease fitting .....            | 2        | 2   | 2   | 2   |
| 13                                                 | C18527   | Pin - 1 1/4 x 5 25/32 UL (With Pivot Arm) .....            | 1        | 1   | 1   | 1   |
| 13A                                                | C18529   | Pin - 1 1/4 x 7 1/32 UL (Without Pivot Arm) .....          | 1        | 1   | 1   | 1   |
| 14                                                 | C18510   | Nylon Bushing - 1 7/8 .....                                | 2        | 2   | 2   | 2   |
| 15                                                 | D-5265   | Carriage Bolt - 1/2 x 1 .....                              | 2        | 2   | 2   | 2   |
| 16                                                 | T-5266   | Carriage Bolt - 1/2 x 1 1/4 .....                          | 6        | 6   | 6   | 6   |
| 17                                                 | W-525    | Lockwasher - 1/2 .....                                     | 8        | 8   | 8   | 8   |
| 18                                                 | D-5499   | Washer - 1.313 ID x 2.75 OD x 9 GA .....                   | 1        | 1   | 1   | 1   |
| 19                                                 | W-516    | Hex Nut - 1/2 .....                                        | 8        | 8   | 8   | 8   |
| 20                                                 | D-5274   | Locknut - 1 .....                                          | 1        | 1   | 1   | 1   |
| 21                                                 | N19484   | Slotted Nut - 1 1/4 .....                                  | 1        | 1   | 1   | 1   |
| 22                                                 | W-4181   | Cotter Pin - 1/4 x 2 .....                                 | 1        | 1   | 1   | 1   |
| 23                                                 | S26752   | Rubber Tire (Rubber Press Wheels Only) .....               | 3        | 4   | 5   | 6   |
| 24                                                 | S26753   | Wheel Rim - 4 1/2" (Rubber Press Wheels Only) .....        | 3        | 4   | 5   | 6   |
| 25                                                 | S22716   | Deflector - 3 Wheel .....                                  | 1        | -   | -   | -   |
| 26                                                 | S22707   | Deflector - 4 Wheel .....                                  | -        | 1   | -   | -   |
| 27                                                 | S22708   | Deflector - 5 Wheel .....                                  | -        | -   | 1   | -   |
| 28                                                 | S22709   | Deflector - 6 Wheel .....                                  | -        | -   | -   | 1   |
| 29                                                 | W-498    | Hex Bolt - 5/8 x 1 3/4 .....                               | 4        | 4   | 4   | 4   |
| 30                                                 | W-526    | Lockwasher - 5/8 .....                                     | 4        | 4   | 4   | 4   |
| 31                                                 | W-517    | Hex Nut - 5/8 .....                                        | 4        | 4   | 4   | 4   |
| 32                                                 | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....                     | 1        | 1   | 1   | 1   |
| 33                                                 | S32572   | Spacer Bushing - 1 1/4 ID x 2 OD x 1 3/16 LG .....         | 1        | 1   | 1   | 1   |
| (Used on Wings Only where pivot arms are not used) |          |                                                            |          |     |     |     |

Number of Packer Assemblies Required for Each Machine:

|     | 3 Wheel | 4 Wheel | 5 Wheel | 6 Wheel |
|-----|---------|---------|---------|---------|
| 29' | -       | 4       | 4       | -       |
| 34' | -       | 2       | 2       | 4       |
| 40' | -       | 12      | -       | -       |
| 49' | -       | 4       | 4       | 4       |
| 55' | -       | 14      | 2       | -       |
| 60' | -       | 12      | -       | 4       |

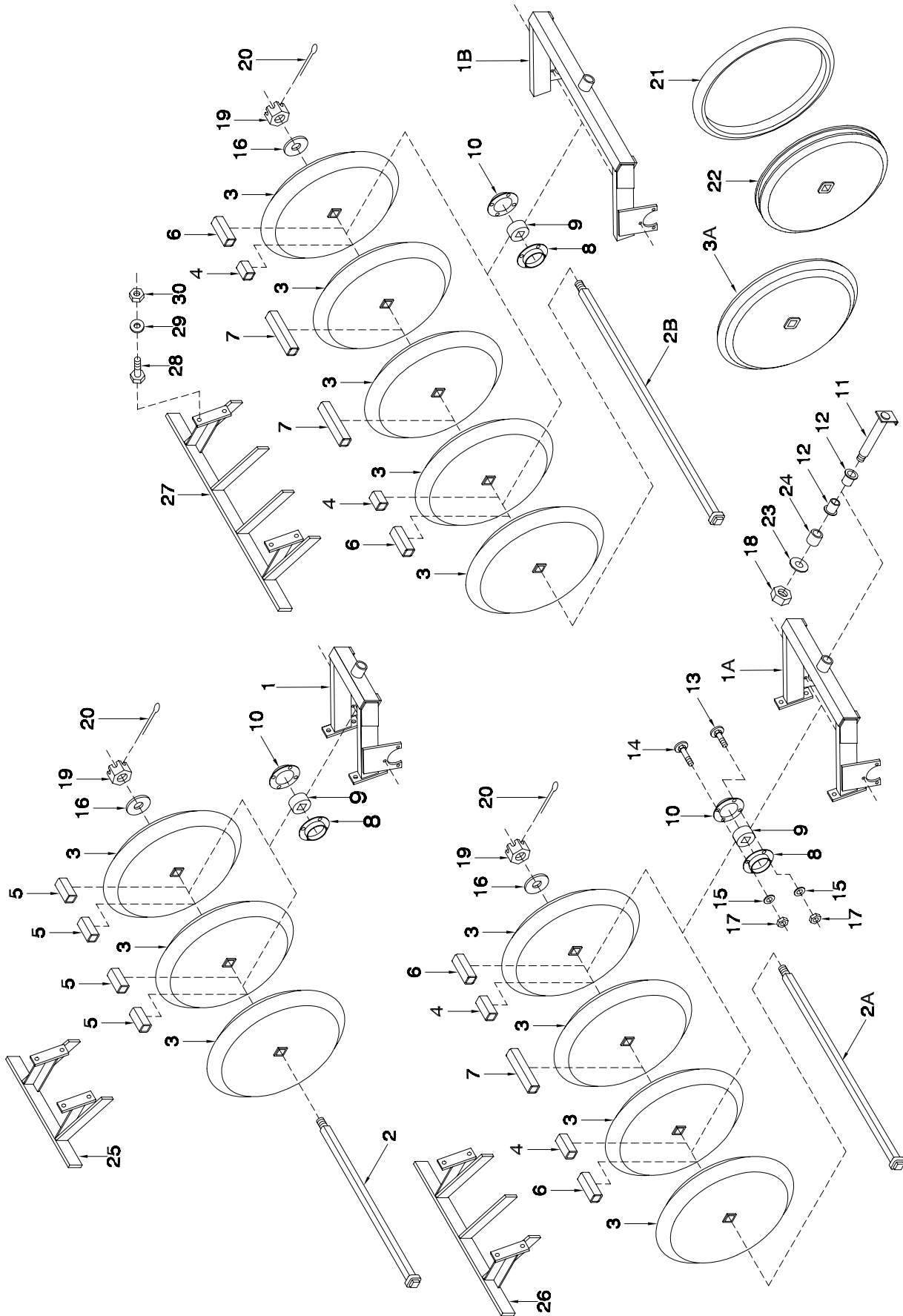
# **Packer Gangs** **10" Spacing - 4.5" Steel or Rubber - September 2008 to Present**



# Packer Gangs - 10" Spacing - 4.5" Steel or Rubber - September 2008 to Present

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |                                                                    | No: Used |         |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------|----------|---------|-----|-----|--|---------|---------|---------|---------|-----|---|---|---|---|-----|---|---|---|---|-----|---|----|---|---|-----|---|---|---|---|-----|---|----|---|---|-----|---|----|---|---|
| Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Part No. | Description                                                        | 3Wh      | 4Wh     | 5Wh | 6Wh |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22530   | Evener - 3 Wheel.....                                              | 1        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 1A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S22130   | Evener - 4 & 6 Wheel .....                                         | -        | 1       | -   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 1B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S22127   | Evener - 5 Wheel.....                                              | -        | -       | 1   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S39785   | Gang Shaft - 3 Wheel .....                                         | 1        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 2A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S22391   | Gang Shaft - 4 Wheel .....                                         | -        | 1       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 2B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S39787   | Gang Shaft - 5 Wheel .....                                         | -        | -       | 1   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 2C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S22498   | Gang Shaft - 6 Wheel .....                                         | -        | -       | -   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S26760   | Steel Press Wheel - 4 1/2 x 23 5/8 Dia .....                       | 1        | 2       | 3   | 4   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 3A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S39810   | Concave Steel Press Wheel - 4 1/2 x 23 5/8 Dia .....               | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 3B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S26750   | Rubber Press Wheel Assembly (Includes Items 23 & 24) .....         | 1        | 2       | 3   | 4   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 3C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S39800   | Concave Rubber Press Wheel Assembly (Includes Items 23 & 24A) .... | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D18569   | Spacer - 1 1/32 Lg.....                                            | -        | 2       | -   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S22634   | Spacer - 1 9/32 Lg.....                                            | 2        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D13585   | Spacer - 2 9/32 Lg.....                                            | -        | -       | 4   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D13580   | Spacer - 3 9/32 Lg.....                                            | 2        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D18568   | Spacer - 3 1/2 Lg .....                                            | -        | 2       | -   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D13586   | Spacer - 6 Lg .....                                                | -        | 1       | 2   | 3   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | D-5022   | Flangette .....                                                    | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | D-4938   | Bearing .....                                                      | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | D11174   | Flangette - with 45 degree grease fitting .....                    | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | C18527   | Pin - 1 1/4 x 5 25/32 UL (With Pivot Arm) .....                    | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 13A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | C18529   | Pin - 1 1/4 x 7 1/32 UL (Without Pivot Arm) .....                  | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | C18510   | Nylon Bushing - 1 7/8 .....                                        | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | D-5265   | Carriage Bolt - 1/2 x 1 .....                                      | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | T-5266   | Carriage Bolt - 1/2 x 1 1/4 .....                                  | 6        | 6       | 6   | 6   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | W-525    | Lockwasher - 1/2 .....                                             | 8        | 8       | 8   | 8   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | D-5499   | Washer - 1.313 ID x 2.75 OD x 9 GA .....                           | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | W-516    | Hex Nut - 1/2 .....                                                | 8        | 8       | 8   | 8   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | D-5274   | Locknut - 1 .....                                                  | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | N19484   | Slotted Nut - 1 1/4 .....                                          | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | W-4181   | Cotter Pin - 1/4 x 2 .....                                         | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S32299   | Rubber Tire (Rubber Press Wheels Only) .....                       | 3        | 4       | 5   | 6   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S32298   | Wheel Rim - 3 1/2 (Rubber Press Wheels Only) .....                 | 1        | 2       | 3   | 4   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 24A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | S39527   | Concave Rim - 3 1/2 (Rubber Press Wheels Only) .....               | 2        | 2       | 2   | 2   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S22716   | Deflector - 3 Wheel .....                                          | 1        | -       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S22707   | Deflector - 4 Wheel .....                                          | -        | 1       | -   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S22708   | Deflector - 5 Wheel .....                                          | -        | -       | 1   | -   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S22709   | Deflector - 6 Wheel .....                                          | -        | -       | -   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | W-498    | Hex Bolt - 5/8 x 1 3/4 .....                                       | 4        | 4       | 4   | 4   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | W-526    | Lockwasher - 5/8 .....                                             | 4        | 4       | 4   | 4   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | W-517    | Hex Nut - 5/8 .....                                                | 4        | 4       | 4   | 4   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....                             | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S32572   | Spacer Bushing - 1 1/4 ID x 2 OD x 1 3/16 LG .....                 | 1        | 1       | 1   | 1   |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| (Used on Wings Only where pivot arms are not used)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                                                                    |          |         |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| <div><div>Number of Packer Assemblies Required for Each Machine:</div><table><tr><td></td><td>3 Wheel</td><td>4 Wheel</td><td>5 Wheel</td><td>6 Wheel</td></tr><tr><td>29'</td><td>-</td><td>4</td><td>4</td><td>-</td></tr><tr><td>34'</td><td>-</td><td>2</td><td>2</td><td>4</td></tr><tr><td>40'</td><td>-</td><td>12</td><td>-</td><td>-</td></tr><tr><td>49'</td><td>-</td><td>4</td><td>4</td><td>4</td></tr><tr><td>55'</td><td>-</td><td>14</td><td>2</td><td>-</td></tr><tr><td>60'</td><td>-</td><td>12</td><td>-</td><td>4</td></tr></table></div> |          |                                                                    |          |         |     |     |  | 3 Wheel | 4 Wheel | 5 Wheel | 6 Wheel | 29' | - | 4 | 4 | - | 34' | - | 2 | 2 | 4 | 40' | - | 12 | - | - | 49' | - | 4 | 4 | 4 | 55' | - | 14 | 2 | - | 60' | - | 12 | - | 4 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3 Wheel  | 4 Wheel                                                            | 5 Wheel  | 6 Wheel |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 29'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -        | 4                                                                  | 4        | -       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 34'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -        | 2                                                                  | 2        | 4       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 40'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -        | 12                                                                 | -        | -       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 49'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -        | 4                                                                  | 4        | 4       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 55'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -        | 14                                                                 | 2        | -       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |
| 60'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -        | 12                                                                 | -        | 4       |     |     |  |         |         |         |         |     |   |   |   |   |     |   |   |   |   |     |   |    |   |   |     |   |   |   |   |     |   |    |   |   |     |   |    |   |   |

# **Packer Gangs** **12" Spacing - 3.5" Steel or Rubber - Prior to September 2008**



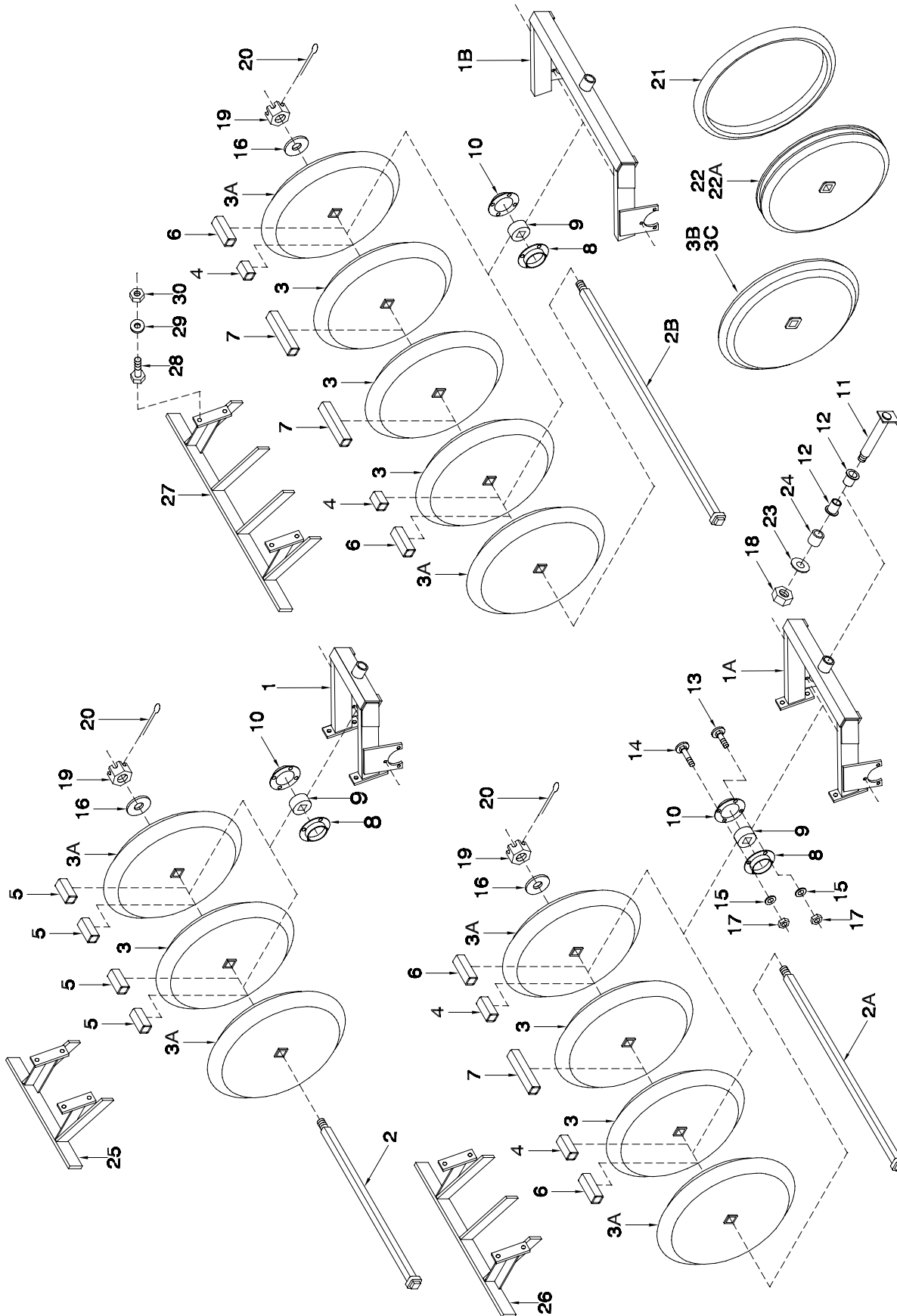
# Packer Gangs - 12" Spacing - 3.5" Steel or Rubber - Prior to September 2008

| Item | Part No. | Description                                                | No: Used |     |     |
|------|----------|------------------------------------------------------------|----------|-----|-----|
|      |          |                                                            | 3Wh      | 4Wh | 5Wh |
| 1    | S22530   | Evener - 3 Wheel .....                                     | 1        | -   | -   |
| 1A   | S22130   | Evener - 4 Wheel .....                                     | -        | 1   | -   |
| 1B   | S22534   | Evener - 5 Wheel .....                                     | -        | -   | 1   |
| 2    | S22496   | Gang Shaft - 3 Wheel .....                                 | 1        | -   | -   |
| 2A   | S22497   | Gang Shaft - 4 Wheel .....                                 | -        | 1   | -   |
| 2B   | S22498   | Gang Shaft - 5 Wheel .....                                 | -        | -   | 1   |
| 3    | S27559   | Steel Press Wheel - 3 1/2 x 23 5/8" Dia .....              | 3        | 4   | 5   |
|      | D13756   | Steel Press Wheel - 3 1/2 x 24 3/8" Dia .....              | 3        | 4   | 5   |
| 3A   | D13755   | Rubber Press Wheel Assembly (Includes Items 21 & 22) ..... | 3        | 4   | 5   |
| 4    | D-5744   | Spacer - 2 9/16 Lg .....                                   | -        | 2   | 2   |
| 5    | D13580   | Spacer - 3 9/32 Lg .....                                   | 4        | -   | -   |
| 6    | S22533   | Spacer - 4 1/32 Lg .....                                   | -        | 2   | 2   |
| 7    | D13581   | Spacer - 8 Lg .....                                        | -        | 1   | 2   |
| 8    | D-5022   | Flangette .....                                            | 2        | 2   | 2   |
| 9    | D-4938   | Bearing .....                                              | 2        | 2   | 2   |
| 10   | D11174   | Flangette - with 45 degree grease fitting .....            | 2        | 2   | 2   |
| 11   | C18527   | Pin - 1 1/4 x 5 25/32 UL (With Pivot Arm) .....            | 1        | 1   | 1   |
| 11A  | C18529   | Pin - 1 1/4 x 7 1/32 UL (Without Pivot Arm) .....          | 1        | 1   | 1   |
| 12   | C18510   | Nylon Bushing - 1 7/8 .....                                | 2        | 2   | 2   |
| 13   | D-5265   | Carriage Bolt - 1/2 x 1 .....                              | 2        | 2   | 2   |
| 14   | T-5266   | Carriage Bolt - 1/2 x 1 1/4 .....                          | 6        | 6   | 6   |
| 15   | W-525    | Lockwasher - 1/2 .....                                     | 8        | 8   | 8   |
| 16   | D-5499   | Washer - 1.313 ID x 2.75 OD x 9 GA .....                   | 1        | 1   | 1   |
| 17   | W-516    | Hex Nut - 1/2 .....                                        | 8        | 8   | 8   |
| 18   | D-5274   | Locknut - 1 .....                                          | 1        | 1   | 1   |
| 19   | N19484   | Slotted Nut - 1 1/4 .....                                  | 1        | 1   | 1   |
| 20   | W-4181   | Cotter Pin - 1/4 x 2 .....                                 | 1        | 1   | 1   |
| 21   | D10441   | Rubber Tire (Rubber Press Wheels only) .....               | 3        | 4   | 5   |
| 22   | D13757   | Wheel Rim - 3 1/2" (Rubber Press Wheels Only) .....        | 3        | 4   | 5   |
| 23   | D-5498   | Washer - 1062 ID x 2 OD x 11 GA .....                      | 1        | 1   | 1   |
| 24   | S32572   | Spacer Bushing - 1 1/4 ID x 2 OD x 1 3/16 LG .....         | 1        | 1   | 1   |
|      |          | (Used on Wings Only where pivot arms are not used)         |          |     |     |
| 25   | S26780   | Deflector - 3 Wheel .....                                  | 1        | -   | -   |
| 26   | S26781   | Deflector - 4 Wheel .....                                  | -        | 1   | -   |
| 27   | S26782   | Deflector - 5 Wheel .....                                  | -        | -   | 1   |
| 28   | W-498    | Bolt - 5/8 x 1 3/4 .....                                   | 4        | 4   | 4   |
| 29   | W-526    | Lockwasher - 5/8 .....                                     | 4        | 4   | 4   |
| 30   | W-517    | Nut - 5/8 .....                                            | 4        | 4   | 4   |

Number of Packer Assemblies required for each machine:

|     | 3 Wheel | 4 Wheel | 5 Wheel |
|-----|---------|---------|---------|
| 29' | 3       | 5       | -       |
| 34' | 1       | 3       | 4       |
| 41' | 7       | 5       | -       |
| 49' | 3       | 5       | 4       |
| 55' | 9       | 8       | -       |
| 60' | 7       | 5       | 4       |

# **Packer Gangs** **12" Spacing - 3.5" Steel or Rubber - September 2008 to Present**



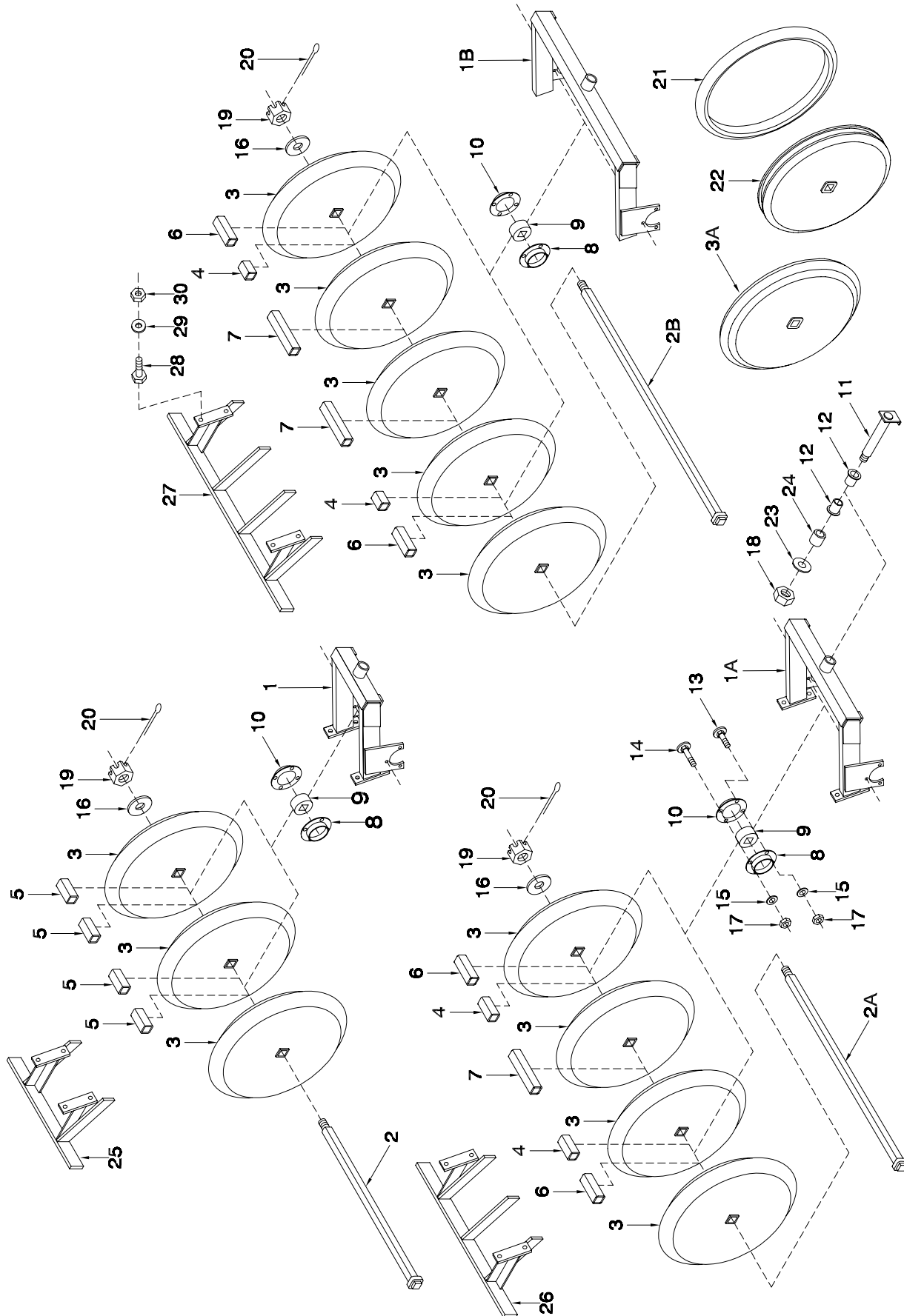
# Packer Gangs - 12" Spacing - 3.5" Steel or Rubber - September 2008 to Present

| Item | Part No. | Description                                                         | No: Used |     |     |
|------|----------|---------------------------------------------------------------------|----------|-----|-----|
|      |          |                                                                     | 3Wh      | 4Wh | 5Wh |
| 1    | S22530   | Evener - 3 Wheel .....                                              | 1        | -   | -   |
| 1A   | S22130   | Evener - 4 Wheel .....                                              | -        | 1   | -   |
| 1B   | S22534   | Evener - 5 Wheel .....                                              | -        | -   | 1   |
| 2    | S39789   | Gang Shaft - 3 Wheel - 27 .....                                     | 1        | -   | -   |
| 2    | S39791   | Gang Shaft - 4 Wheel - 39 .....                                     | -        | 1   | -   |
| 2A   | S39793   | Gang Shaft - 5 Wheel - 51 .....                                     | -        | -   | 1   |
| 3    | S27559   | Steel Press Wheel - 3 1/2 x 23 5/8 Dia .....                        | 1        | 2   | 3   |
| 3A   | S39530   | Concave Steel Press Wheel - 3 1/2 x 23 5/8 Dia .....                | 2        | 2   | 2   |
| 3B   | S32300   | Rubber Press Wheel Assembly (Includes Items 21 & 22) .....          | 1        | 2   | 3   |
| 3C   | S39500   | Concave Rubber Press Wheel Assembly (Includes Items 21 & 22A) ..... | 2        | 2   | 2   |
| 4    | D-5744   | Spacer - 2 9/16 Lg .....                                            | -        | 2   | 2   |
| 5    | D13580   | Spacer - 3 9/32 Lg .....                                            | 4        | -   | -   |
| 6    | S22533   | Spacer - 4 1/32 Lg .....                                            | -        | 2   | 2   |
| 7    | D13581   | Spacer - 8 Lg .....                                                 | -        | 1   | 2   |
| 8    | D-5022   | Flangette .....                                                     | 2        | 2   | 2   |
| 9    | D-4938   | Bearing .....                                                       | 2        | 2   | 2   |
| 10   | D11174   | Flangette - with 45 degree grease fitting .....                     | 2        | 2   | 2   |
| 11   | C18527   | Pin - 1 1/4 x 5 25/32 UL (With Pivot Arm) .....                     | 1        | 1   | 1   |
| 11A  | C18529   | Pin - 1 1/4 x 7 1/32 UL (Without Pivot Arm) .....                   | 1        | 1   | 1   |
| 12   | C18510   | Nylon Bushing - 1 7/8 .....                                         | 2        | 2   | 2   |
| 13   | D-5265   | Carriage Bolt - 1/2 x 1 .....                                       | 2        | 2   | 2   |
| 14   | T-5266   | Carriage Bolt - 1/2 x 1 1/4 .....                                   | 6        | 6   | 6   |
| 15   | W-525    | Lockwasher - 1/2 .....                                              | 8        | 8   | 8   |
| 16   | D-5499   | Washer - 1.313 ID x 2.75 OD x 9 GA .....                            | 1        | 1   | 1   |
| 17   | W-516    | Hex Nut - 1/2 .....                                                 | 8        | 8   | 8   |
| 18   | D-5274   | Locknut - 1 .....                                                   | 1        | 1   | 1   |
| 19   | N19484   | Slotted Nut - 1 1/4 .....                                           | 1        | 1   | 1   |
| 20   | W-4181   | Cotter Pin - 1/4 x 2 .....                                          | 1        | 1   | 1   |
| 21   | S26752   | Rubber Tire - 4 1/2 (Rubber Press Wheels only) ..... 3              | 4        | 5   | 6   |
| 22   | S26753   | Rim - 4 1/2 (Rubber Press Wheels Only) ..... 1                      | 2        | 3   | 4   |
| 22A  | S39801   | Concave Rim - 4 1/2 (Rubber Press Wheels Only) ..... 2              | 2        | 2   | 2   |
| 23   | D-5498   | Washer - 1062 ID x 2 OD x 11 GA .....                               | 1        | 1   | 1   |
| 24   | S32572   | Spacer Bushing - 1 1/4 ID x 2 OD x 1 3/16 LG .....                  | 1        | 1   | 1   |
|      |          | (Used on Wings Only where pivot arms are not used)                  |          |     |     |
| 25   | S26780   | Deflector - 3 Wheel .....                                           | 1        | -   | -   |
| 26   | S26781   | Deflector - 4 Wheel .....                                           | -        | 1   | -   |
| 27   | S26782   | Deflector - 5 Wheel .....                                           | -        | -   | 1   |
| 28   | W-498    | Bolt - 5/8 x 1 3/4 .....                                            | 4        | 4   | 4   |
| 29   | W-526    | Lockwasher - 5/8 .....                                              | 4        | 4   | 4   |
| 30   | W-517    | Nut - 5/8 .....                                                     | 4        | 4   | 4   |

Number of Packer Assemblies required for each machine:

|     | 3 Wheel | 4 Wheel | 5 Wheel |
|-----|---------|---------|---------|
| 29' | 3       | 5       | -       |
| 34' | 1       | 3       | 4       |
| 41' | 7       | 5       | -       |
| 49' | 3       | 5       | 4       |
| 55' | 9       | 8       | -       |
| 60' | 7       | 5       | 4       |

**Packer Gangs**  
**12" Spacing - 4.5" Steel or Rubber - Prior to September 2008**



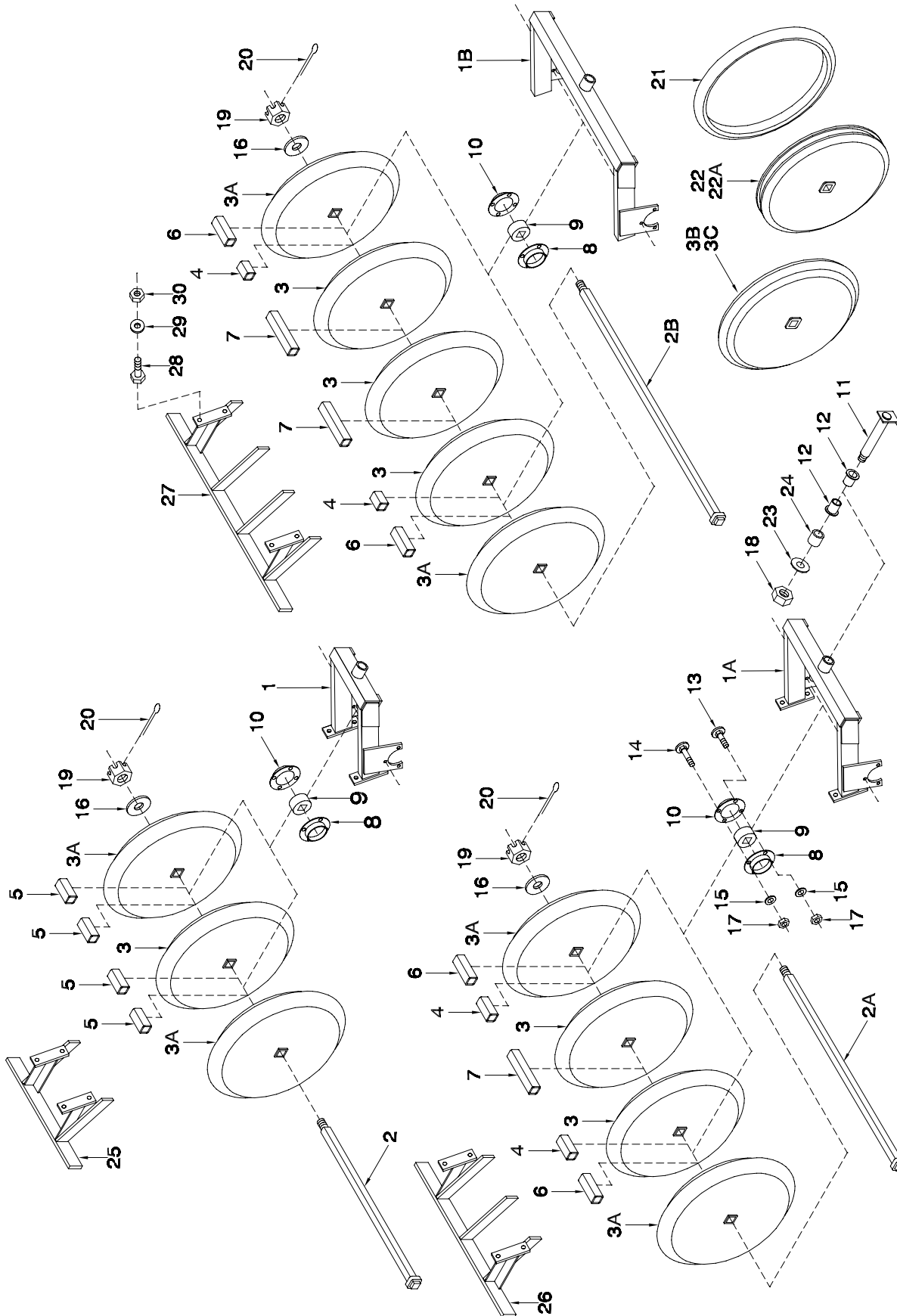
# Packer Gangs - 12" Spacing - 4.5" Steel or Rubber - Prior to September 2008

| Item | Part No. | Description                                                | No: Used |     |     |
|------|----------|------------------------------------------------------------|----------|-----|-----|
|      |          |                                                            | 3Wh      | 4Wh | 5Wh |
| 1    | S22530   | Evener - 3 Wheel .....                                     | 1        | -   | -   |
| 1A   | S22130   | Evener - 4 Wheel .....                                     | -        | 1   | -   |
| 1B   | S22534   | Evener - 5 Wheel .....                                     | -        | -   | 1   |
| 2    | S22496   | Gang Shaft - 3 Wheel .....                                 | 1        | -   | -   |
| 2A   | S22497   | Gang Shaft - 4 Wheel .....                                 | -        | 1   | -   |
| 2B   | S22498   | Gang Shaft - 5 Wheel .....                                 | -        | -   | 1   |
| 3    | S26760   | Steel Press Wheel - 4 1/2 x 23 5/8" Dia .....              | 3        | 4   | 5   |
| 3A   | S26750   | Rubber Press Wheel Assembly (Includes Items 21 & 22) ..... | 3        | 4   | 5   |
| 4    | D-5744   | Spacer - 2 9/16 Lg .....                                   | -        | 2   | 2   |
| 5    | D13580   | Spacer - 3 9/32 Lg .....                                   | 4        | -   | -   |
| 6    | D-4935   | Spacer - 4 Lg .....                                        | -        | 2   | 2   |
| 7    | D13581   | Spacer - 8 Lg .....                                        | -        | 1   | 2   |
| 8    | D-5022   | Flangette .....                                            | 2        | 2   | 2   |
| 9    | D-4938   | Bearing .....                                              | 2        | 2   | 2   |
| 10   | D11174   | Flangette - with 45 degree grease fitting .....            | 2        | 2   | 2   |
| 11   | C18527   | Pin - 1 1/4 x 5 25/32 UL (With Pivot Arm) .....            | 1        | 1   | 1   |
| 11A  | C18529   | Pin - 1 1/4 x 7 1/32 UL (Without Pivot Arm) .....          | 1        | 1   | 1   |
| 12   | C18510   | Nylon Bushing - 1 7/8 .....                                | 2        | 2   | 2   |
| 13   | D-5265   | Carriage Bolt - 1/2 x 1 .....                              | 2        | 2   | 2   |
| 14   | T-5266   | Carriage Bolt - 1/2 x 1 1/4 .....                          | 6        | 6   | 6   |
| 15   | W-525    | Lockwasher - 1/2 .....                                     | 8        | 8   | 8   |
| 16   | D-5499   | Washer - 1.313 ID x 2.75 OD x 9 GA .....                   | 1        | 1   | 1   |
| 17   | W-516    | Hex Nut - 1/2 .....                                        | 8        | 8   | 8   |
| 18   | D-5274   | Locknut - 1 .....                                          | 1        | 1   | 1   |
| 19   | N19484   | Slotted Nut - 1 1/4 .....                                  | 1        | 1   | 1   |
| 20   | W-4181   | Cotter Pin - 1/4 x 2 .....                                 | 1        | 1   | 1   |
| 21   | S26752   | Rubber Tire (Rubber Press Wheels only) .....               | 3        | 4   | 5   |
| 22   | S26753   | Wheel Rim - 4 1/2" (Rubber Press Wheels Only) .....        | 3        | 4   | 5   |
| 23   | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....                     | 1        | 1   | 1   |
| 24   | S32572   | Spacer Bushing - 1 1/4 ID x 2 OD x 1 3/16 LG .....         | 1        | 1   | 1   |
|      |          | (Used on Wings Only where pivot arms are not used)         |          |     |     |
| 25   | S26780   | Deflector - 3 Wheel .....                                  | 1        | -   | -   |
| 26   | S26781   | Deflector - 4 Wheel .....                                  | -        | 1   | -   |
| 27   | S26782   | Deflector - 5 Wheel .....                                  | -        | -   | 1   |
| 28   | W-498    | Bolt - 5/8 x 1 3/4 .....                                   | 4        | 4   | 4   |
| 29   | W-526    | Lockwasher - 5/8 .....                                     | 4        | 4   | 4   |
| 30   | W-517    | Nut - 5/8 .....                                            | 4        | 4   | 4   |

Number of Packer Assemblies required for each machine:

|     | 3 Wheel | 4 Wheel | 5 Wheel |
|-----|---------|---------|---------|
| 29' | 3       | 5       | -       |
| 34' | 1       | 3       | 4       |
| 41' | 7       | 5       | -       |
| 49' | 3       | 5       | 4       |
| 55' | 9       | 8       | -       |
| 60' | 7       | 5       | 4       |

# **Packer Gangs** **12" Spacing - 4.5" Steel or Rubber - September 2008 to Present**



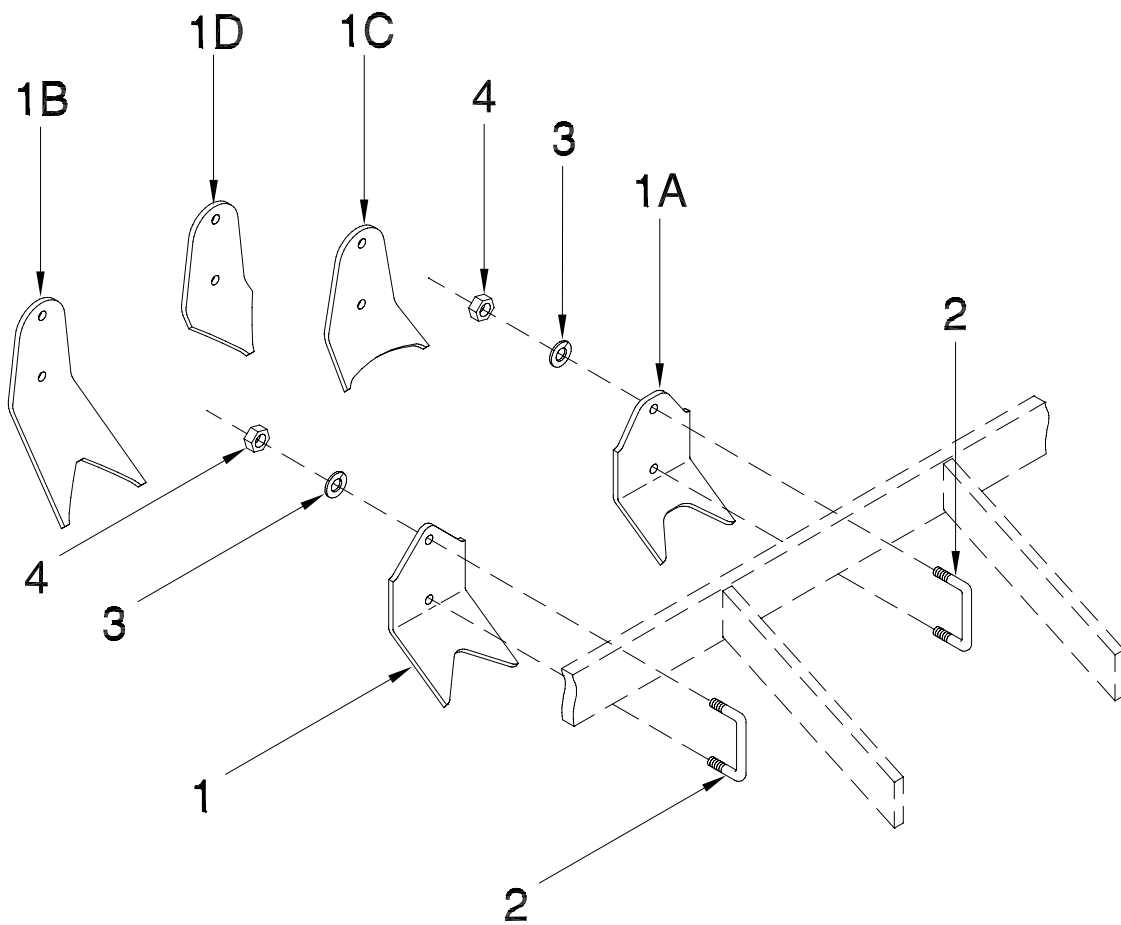
# Packer Gangs - 12" Spacing - 4.5" Steel or Rubber - September 2008 to Present

| Item | Part No. | Description                                                         | No: Used |     |     |
|------|----------|---------------------------------------------------------------------|----------|-----|-----|
|      |          |                                                                     | 3Wh      | 4Wh | 5Wh |
| 1    | S22530   | Evener - 3 Wheel .....                                              | 1        | -   | -   |
| 1A   | S22130   | Evener - 4 Wheel .....                                              | -        | 1   | -   |
| 1B   | S22534   | Evener - 5 Wheel .....                                              | -        | -   | 1   |
| 2    | S39789   | Gang Shaft - 3 Wheel - 27 .....                                     | 1        | -   | -   |
| 2    | S39791   | Gang Shaft - 4 Wheel - 39 .....                                     | -        | 1   | -   |
| 2A   | S39793   | Gang Shaft - 5 Wheel - 51 .....                                     | -        | -   | 1   |
| 3    | S26760   | Steel Press Wheel - 4 1/2 x 23 5/8 Dia .....                        | 1        | 2   | 3   |
| 3A   | S39810   | Concave Steel Press Wheel - 4 1/2 x 23 5/8 Dia .....                | 2        | 2   | 2   |
| 3B   | S26750   | Rubber Press Wheel Assembly (Includes Items 21 & 22) .....          | 1        | 2   | 3   |
| 3C   | S39800   | Concave Rubber Press Wheel Assembly (Includes Items 21 & 22A) ..... | 2        | 2   | 2   |
| 4    | D-5744   | Spacer - 2 9/16 Lg .....                                            | -        | 2   | 2   |
| 5    | D13580   | Spacer - 3 9/32 Lg .....                                            | 4        | -   | -   |
| 6    | D-4935   | Spacer - 4 Lg .....                                                 | -        | 2   | 2   |
| 7    | D13581   | Spacer - 8 Lg .....                                                 | -        | 1   | 2   |
| 8    | D-5022   | Flangette .....                                                     | 2        | 2   | 2   |
| 9    | D-4938   | Bearing .....                                                       | 2        | 2   | 2   |
| 10   | D11174   | Flangette - with 45 degree grease fitting .....                     | 2        | 2   | 2   |
| 11   | C18527   | Pin - 1 1/4 x 5 25/32 UL (With Pivot Arm) .....                     | 1        | 1   | 1   |
| 11A  | C18529   | Pin - 1 1/4 x 7 1/32 UL (Without Pivot Arm) .....                   | 1        | 1   | 1   |
| 12   | C18510   | Nylon Bushing - 1 7/8 .....                                         | 2        | 2   | 2   |
| 13   | D-5265   | Carriage Bolt - 1/2 x 1 .....                                       | 2        | 2   | 2   |
| 14   | T-5266   | Carriage Bolt - 1/2 x 1 1/4 .....                                   | 6        | 6   | 6   |
| 15   | W-525    | Lockwasher - 1/2 .....                                              | 8        | 8   | 8   |
| 16   | D-5499   | Washer - 1.313 ID x 2.75 OD x 9 GA .....                            | 1        | 1   | 1   |
| 17   | W-516    | Hex Nut - 1/2 .....                                                 | 8        | 8   | 8   |
| 18   | D-5274   | Locknut - 1 .....                                                   | 1        | 1   | 1   |
| 19   | N19484   | Slotted Nut - 1 1/4 .....                                           | 1        | 1   | 1   |
| 20   | W-4181   | Cotter Pin - 1/4 x 2 .....                                          | 1        | 1   | 1   |
| 21   | S26752   | Rubber Tire - 4 1/2 (Rubber Press Wheels only) .....                | 4        | 5   | 6   |
| 22   | S26753   | Rim - 4 1/2 (Rubber Press Wheels Only) .....                        | 2        | 3   | 4   |
| 22A  | S39801   | Concave Rim - 4 1/2 (Rubber Press Wheels Only) .....                | 2        | 2   | 2   |
| 23   | D-5498   | Washer - 1.062 ID x 2 OD x 11 GA .....                              | 1        | 1   | 1   |
| 24   | S32572   | Spacer Bushing - 1 1/4 ID x 2 OD x 1 3/16 LG .....                  | 1        | 1   | 1   |
|      |          | (Used on Wings Only where pivot arms are not used)                  |          |     |     |
| 25   | S26780   | Deflector - 3 Wheel .....                                           | 1        | -   | -   |
| 26   | S26781   | Deflector - 4 Wheel .....                                           | -        | 1   | -   |
| 27   | S26782   | Deflector - 5 Wheel .....                                           | -        | -   | 1   |
| 28   | W-498    | Bolt - 5/8 x 1 3/4 .....                                            | 4        | 4   | 4   |
| 29   | W-526    | Lockwasher - 5/8 .....                                              | 4        | 4   | 4   |
| 30   | W-517    | Nut - 5/8 .....                                                     | 4        | 4   | 4   |

Number of Packer Assemblies required for each machine:

|     | 3 Wheel | 4 Wheel | 5 Wheel |
|-----|---------|---------|---------|
| 29' | 3       | 5       | -       |
| 34' | 1       | 3       | 4       |
| 41' | 7       | 5       | -       |
| 49' | 3       | 5       | 4       |
| 55' | 9       | 8       | -       |
| 60' | 7       | 5       | 4       |

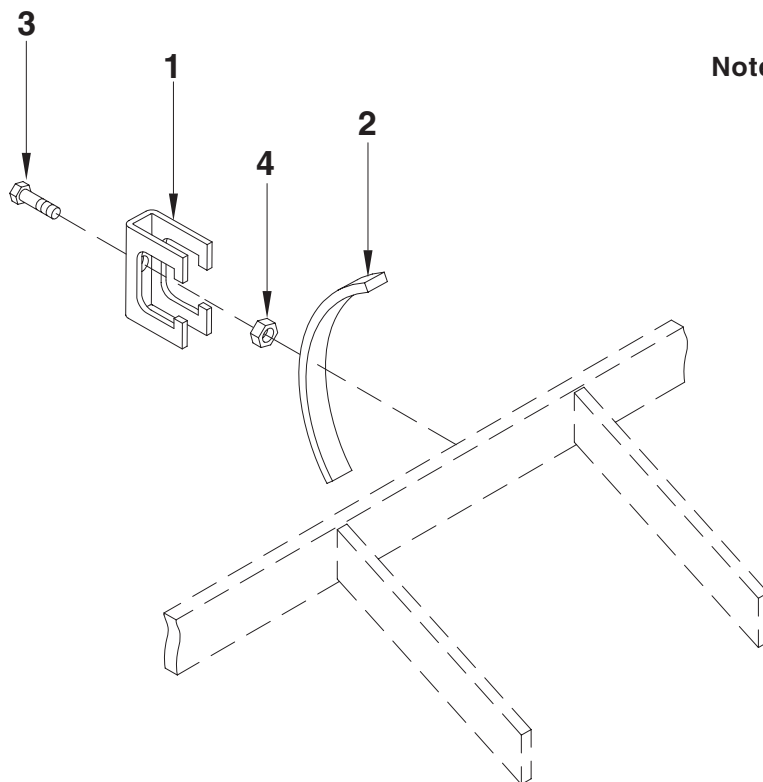
## Packer Gangs Mud Scrapers



## Packer Gang s - Mud Scrapers

| Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Part No.       | Description                                                                                                                                                                                               | Qty         |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--|----------------|-------------|-------------|-----|----|----|----|-----|----|----|----|-----|----|---|---|-----|---|----|---|-----|---|---|----|-----|----|----|----|-----|---|----|----|-----|---|----|----|
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S27570         | Mud Scraper - Steel "V" .....                                                                                                                                                                             | 1           |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 1A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | S27567         | Mud Scraper - Rubber .....                                                                                                                                                                                | 1           |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 1B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | S26833         | Mud Scraper - 4 1/2" Steel .....                                                                                                                                                                          | 1           |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 1C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | S39975         | Mud Scraper - 3 1/2 Rubber .....                                                                                                                                                                          | 1           |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 1C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | S26834         | Mud Scraper - 4 1/2" Rubber .....                                                                                                                                                                         | 1           |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 1D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | S44795         | Mud Scraper .....                                                                                                                                                                                         | 1           |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S27568         | U-Bolt - 3/8 x 2 7/8 .....                                                                                                                                                                                | 1           |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | W-523          | Lockwasher - 3/8 .....                                                                                                                                                                                    | 2           |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | W-514          | Hex Nut - 3/8 .....                                                                                                                                                                                       | 2           |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S25988         | Mud Scraper Assembly - Steel "V" (Includes Items 1, 2, 3 & 4)<br>To Be Used With:<br>S25690 - 2" Steel Wheels<br>S27559 - 3 1/2" Steel Wheels<br>S22033 - 2" Steel Wheels                                 |             |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S25989         | Mud Scraper Assembly - Rubber (Includes Items 1A, 2, 3 & 4)<br>To Be Used With:<br>D10442 - 2" Rubber Wheels<br>D13755 - 3 1/2" Rubber Wheels<br>D13756 - 3 1/2" Steel Wheels<br>D-4936 - 2" Steel Wheels |             |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S30304         | Mud Scraper Assembly - 4 1/2" Steel (Includes Items 1B, 2, 3)<br>To Be Used With:<br>S26760 - 4 1/2" Steel Wheels                                                                                         |             |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S30305         | Mud Scraper Assembly - 4 1/2" Rubber (Includes Items 1C, 2, 3 & 4)<br>To Be Used With:<br>S26750 - 4 1/2" Rubber Wheels                                                                                   |             |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S44799         | Mud Scraper Assembly - 4 1/2" Steel (Includes Items 1D, 2, 3 & 4)<br>To Be Used With:<br>S26760 - 4 1/2" Steel Wheels                                                                                     |             |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| Order Assemblies Through Wholegoods                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |                                                                                                                                                                                                           |             |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p style="text-align: center;">Number of Mud Scraper Assemblies required for each machine:</p> <table> <tr> <th></th><th>7 1/2" Spacing</th><th>10" Spacing</th><th>12" Spacing</th></tr> <tr> <td>29'</td><td>42</td><td>36</td><td>29</td></tr> <tr> <td>34'</td><td>55</td><td>42</td><td>34</td></tr> <tr> <td>39'</td><td>63</td><td>-</td><td>-</td></tr> <tr> <td>40'</td><td>-</td><td>48</td><td>-</td></tr> <tr> <td>41'</td><td>-</td><td>-</td><td>41</td></tr> <tr> <td>49'</td><td>79</td><td>60</td><td>49</td></tr> <tr> <td>55'</td><td>-</td><td>66</td><td>55</td></tr> <tr> <td>60'</td><td>-</td><td>72</td><td>61</td></tr> </table> </div> |                |                                                                                                                                                                                                           |             |  | 7 1/2" Spacing | 10" Spacing | 12" Spacing | 29' | 42 | 36 | 29 | 34' | 55 | 42 | 34 | 39' | 63 | - | - | 40' | - | 48 | - | 41' | - | - | 41 | 49' | 79 | 60 | 49 | 55' | - | 66 | 55 | 60' | - | 72 | 61 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 7 1/2" Spacing | 10" Spacing                                                                                                                                                                                               | 12" Spacing |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 29'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 42             | 36                                                                                                                                                                                                        | 29          |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 34'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 55             | 42                                                                                                                                                                                                        | 34          |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 39'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 63             | -                                                                                                                                                                                                         | -           |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 40'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -              | 48                                                                                                                                                                                                        | -           |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 41'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -              | -                                                                                                                                                                                                         | 41          |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 49'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 79             | 60                                                                                                                                                                                                        | 49          |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 55'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -              | 66                                                                                                                                                                                                        | 55          |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 60'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -              | 72                                                                                                                                                                                                        | 61          |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |

## Packer Gangs Mud Scraper - Universal



**Note: Maintain clearance of approximately 1/4" between scraper and packer wheel.**

**Note: Place mudscraper behind packer wheels**

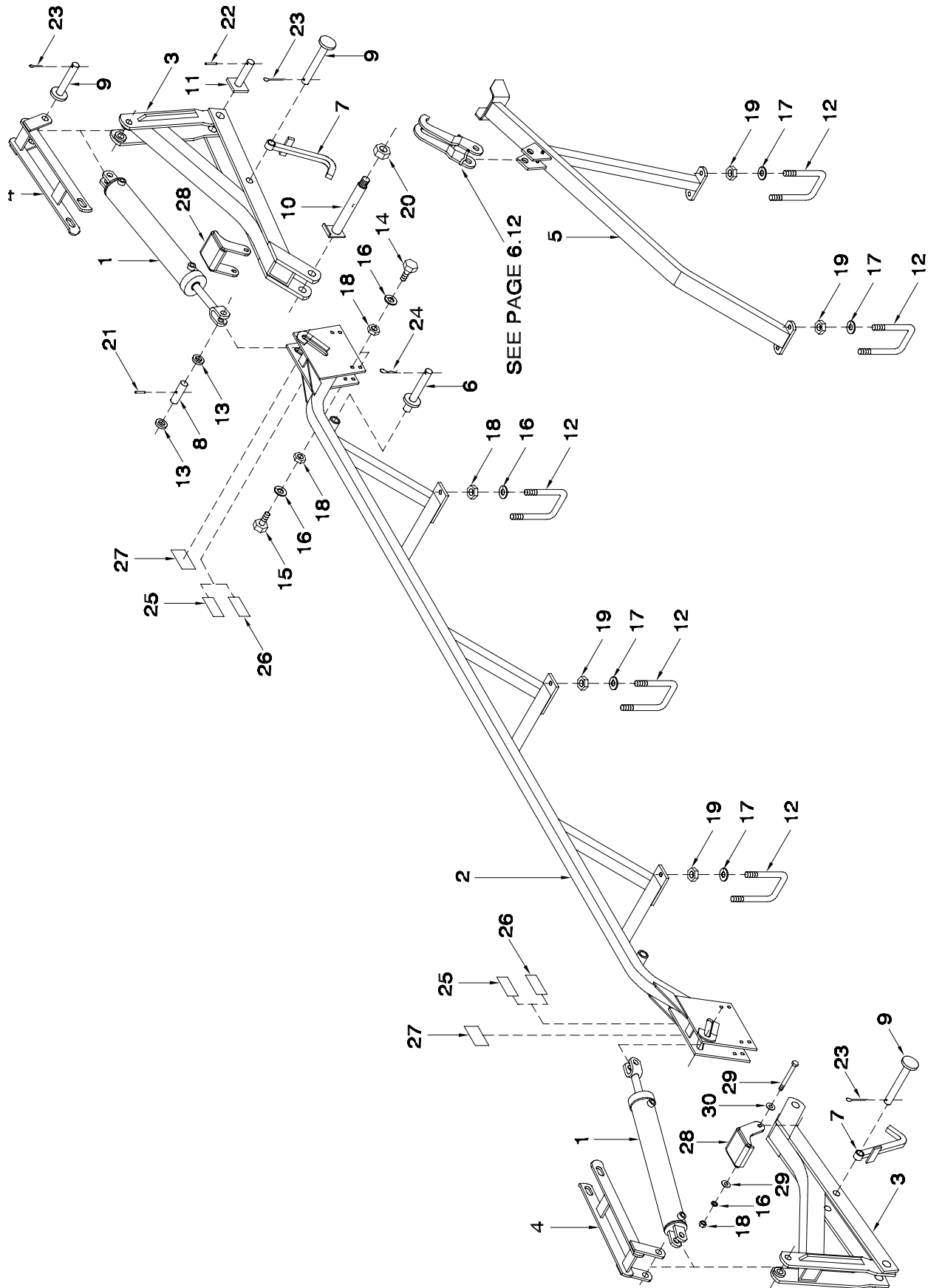
| Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Part No.       | Description                                     | Qty         |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------------|-------------|--|----------------|-------------|-------------|-----|----|----|----|-----|----|----|----|-----|----|---|---|-----|---|----|---|-----|---|---|----|-----|----|----|----|-----|---|----|----|-----|---|----|----|
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S29966         | Mud Scraper Bracket .....                       | 1           |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S29965         | Mud Scraper Bar .....                           | 1           |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | W-498          | Hex Bolt - 5/8 x 1 3/4 .....                    | 1           |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | W-517          | Hex Nut - 5/8 .....                             | 1           |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | S29970         | Mud Scraper Assembly (Includes all above Items) |             |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p style="text-align: center;">Number of Mud Scraper Assemblies required for each machine:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th><th style="text-align: center;">7 1/2" Spacing</th><th style="text-align: center;">10" Spacing</th><th style="text-align: center;">12" Spacing</th></tr> </thead> <tbody> <tr><td>29'</td><td style="text-align: center;">42</td><td style="text-align: center;">36</td><td style="text-align: center;">29</td></tr> <tr><td>34'</td><td style="text-align: center;">55</td><td style="text-align: center;">42</td><td style="text-align: center;">34</td></tr> <tr><td>39'</td><td style="text-align: center;">63</td><td style="text-align: center;">-</td><td style="text-align: center;">-</td></tr> <tr><td>40'</td><td style="text-align: center;">-</td><td style="text-align: center;">48</td><td style="text-align: center;">-</td></tr> <tr><td>41'</td><td style="text-align: center;">-</td><td style="text-align: center;">-</td><td style="text-align: center;">41</td></tr> <tr><td>49'</td><td style="text-align: center;">79</td><td style="text-align: center;">60</td><td style="text-align: center;">49</td></tr> <tr><td>55'</td><td style="text-align: center;">-</td><td style="text-align: center;">66</td><td style="text-align: center;">55</td></tr> <tr><td>60'</td><td style="text-align: center;">-</td><td style="text-align: center;">72</td><td style="text-align: center;">61</td></tr> </tbody> </table> </div> |                |                                                 |             |  | 7 1/2" Spacing | 10" Spacing | 12" Spacing | 29' | 42 | 36 | 29 | 34' | 55 | 42 | 34 | 39' | 63 | - | - | 40' | - | 48 | - | 41' | - | - | 41 | 49' | 79 | 60 | 49 | 55' | - | 66 | 55 | 60' | - | 72 | 61 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 7 1/2" Spacing | 10" Spacing                                     | 12" Spacing |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 29'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 42             | 36                                              | 29          |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 34'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 55             | 42                                              | 34          |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 39'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 63             | -                                               | -           |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 40'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -              | 48                                              | -           |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 41'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -              | -                                               | 41          |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 49'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 79             | 60                                              | 49          |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 55'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -              | 66                                              | 55          |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |
| 60'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -              | 72                                              | 61          |  |                |             |             |     |    |    |    |     |    |    |    |     |    |   |   |     |   |    |   |     |   |   |    |     |    |    |    |     |   |    |    |     |   |    |    |

## Section 6: Wing Lift Assembly

### Section Contents

|                            |      |
|----------------------------|------|
| 29 ft Model .....          | 6-2  |
| 34 ft & 39 ft Models ..... | 6-4  |
| 49 ft Model .....          | 6-6  |
| 55 ft Model .....          | 6-8  |
| 60 ft Model .....          | 6-10 |
| Wing Latch .....           | 6-12 |

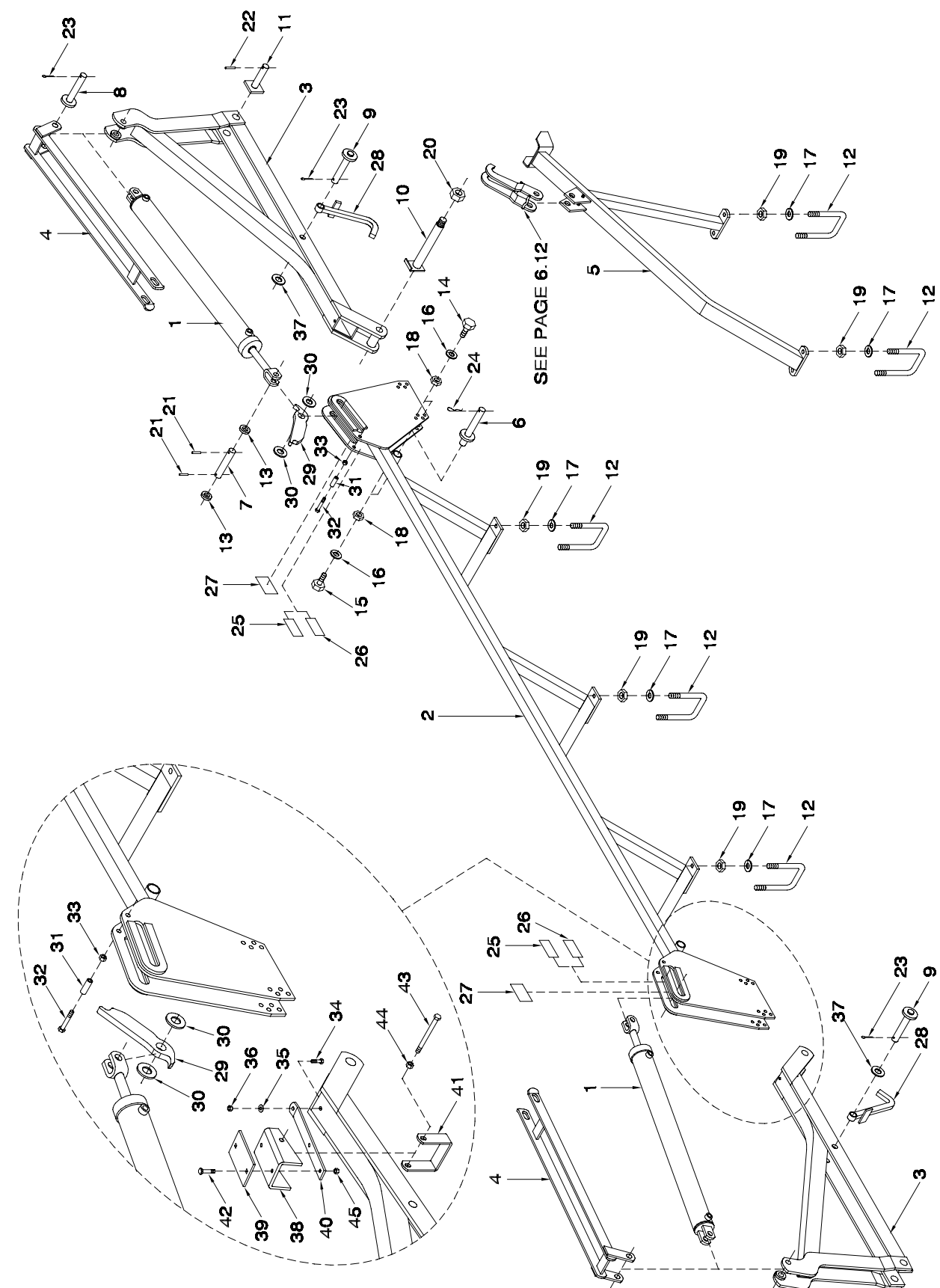
# Wing Lift Assembly 29 ft Model



## Wing Lift Assembly - 29 ft Model

| Item | Part No. | Description                     | Qty |
|------|----------|---------------------------------|-----|
| 1    | C26436   | Hyd Cylinder - 4 x 18 .....     | 2   |
| 2    | S22402   | Wing Lift Truss .....           | 1   |
| 3    | S22174   | Wing Lift Arm .....             | 2   |
| 4    | S22595   | Wing Lock Strap .....           | 2   |
| 5    | S32534   | Wing Rest .....                 | 2   |
| 6    | S22352   | Pin - Cylinder Lock Strap ..... | 2   |
| 7    | S22178   | Gravity Lock .....              | 2   |
| 8    | C14813   | Pin - 1 x 3 7/8 UL .....        | 2   |
| 9    | S13261   | Pin - 1 x 5 5/8 UL .....        | 4   |
| 10   | C18527   | Pin - 1 1/4 x 5 25/32 UL .....  | 2   |
| 11   | S22199   | Pin - 1 3/8 x 4 1/8 UL .....    | 2   |
| 12   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 ..... | 7   |
| 13   | C14814   | Washer - 1 1/16 .....           | 4   |
| 14   | S-776    | Hex Bolt - 1/2 x 1 1/2 .....    | 8   |
| 15   | W-488    | Hex Bolt - 1/2 x 2 .....        | 8   |
| 16   | W-525    | Lockwasher - 1/2 .....          | 18  |
| 17   | W-526    | Lockwasher - 5/8 .....          | 14  |
| 18   | W-516    | Hex Nut - 1/2 .....             | 18  |
| 19   | W-517    | Hex Nut - 5/8 .....             | 14  |
| 20   | D-5274   | Locknut - 1 .....               | 2   |
| 21   | S-4781   | Spiral Pin - 1/4 x 1 1/2 .....  | 2   |
| 22   | W-1002   | Spiral Pin - 5/16 x 2 .....     | 2   |
| 23   | W-535    | Cotter Pin - 1/4 x 1 1/2 .....  | 4   |
| 24   | BW-11    | Hair Pin - 3/16 x 3 3/4 .....   | 2   |
| 25   | S34476   | Reflector - Red .....           | 2   |
| 26   | S34478   | Reflector - Orange .....        | 2   |
| 27   | F-4644   | Decal - "Caution" .....         | 4   |
| 28   | S34618   | Wing Stop Bumper .....          | 2   |
| 29   | W-995    | Hex Bolt - 1/2 x 6 .....        | 2   |
| 30   | W-539    | Flat Washer - 1/2 .....         | 4   |

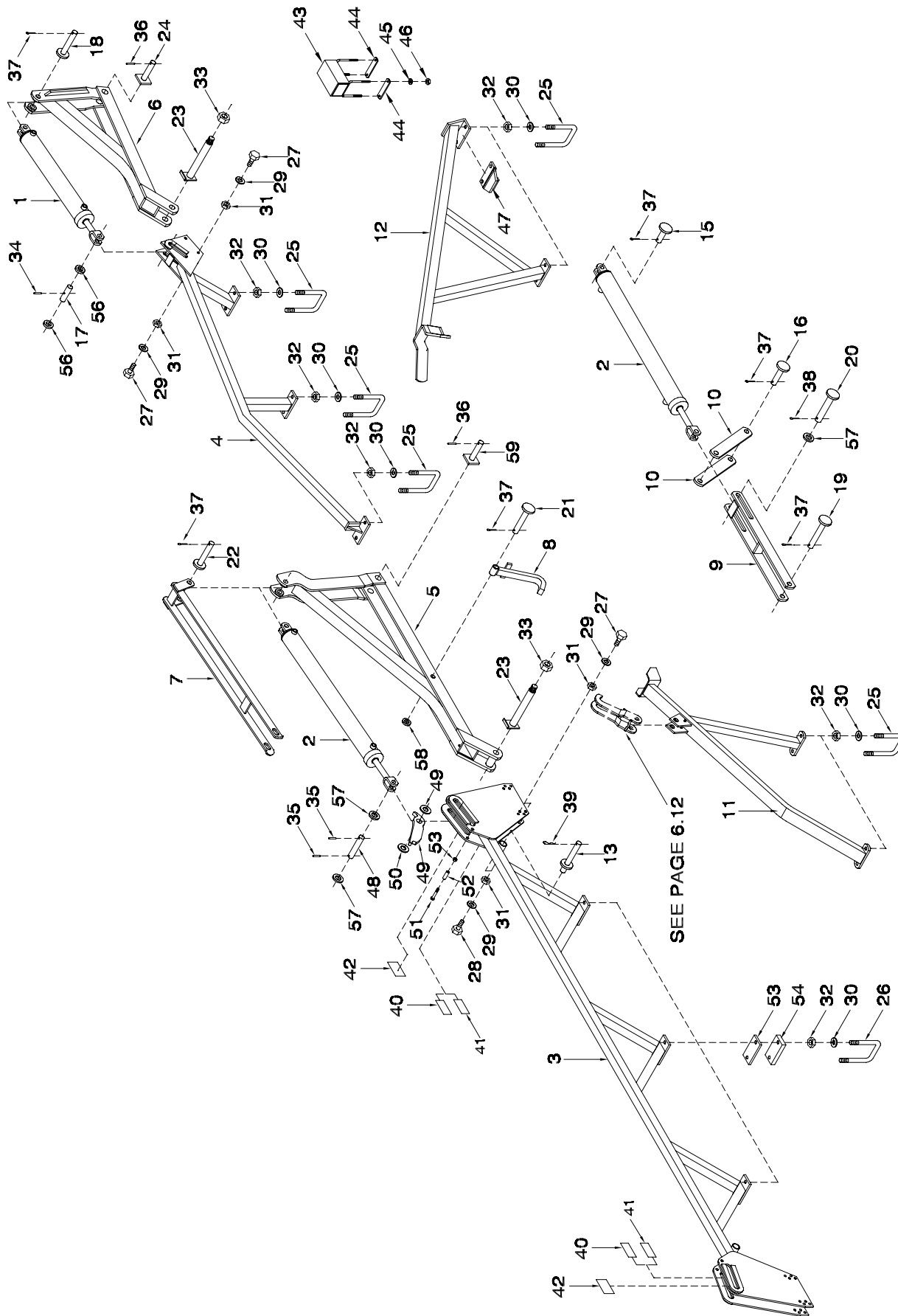
## Wing Lift Assembly 34 ft & 39 ft Models



## Wing Lift Assembly - 34 ft & 39 ft Models

| Item | Part No. | Description                                         | Qty |
|------|----------|-----------------------------------------------------|-----|
| 1    | C26303   | Hyd Cylinder - 4 1/2 x 30 .....                     | 2   |
| 2    | S32405   | Wing Lift Truss .....                               | 1   |
| 3    | S32410   | Wing Lift Arm .....                                 | 2   |
| 4    | S22354   | Wing Lock Strap .....                               | 2   |
| 5    | S32534   | Wing Rest .....                                     | 2   |
| 6    | S22352   | Pin - Cylinder Lock Strap .....                     | 2   |
| 7    | S32595   | Pin - 1 1/4 x 4 1/4 UL .....                        | 2   |
| 8    | S13261   | Pin - 1 x 5 5/8 UL .....                            | 2   |
| 9    | D17974   | Pin - 1 x 7 7/8 UL .....                            | 4   |
| 10   | C18527   | Pin - 1 1/4 x 5 25/32 UL .....                      | 2   |
| 11   | C26324   | Pin - 1 3/8 x 5 1/8 UL .....                        | 2   |
| 12   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 .....                     | 7   |
| 13   | D-5499   | Flatwasher - 1 5/16 ID x 2 3/4 OD x 9 GA .....      | 4   |
| 14   | S-776    | Hex Bolt - 1/2 x 1 1/2 .....                        | 8   |
| 15   | W-488    | Hex Bolt - 1/2 x 2 .....                            | 8   |
| 16   | W-525    | Lockwasher - 1/2 .....                              | 16  |
| 17   | W-526    | Lockwasher - 5/8 .....                              | 14  |
| 18   | W-516    | Hex Nut - 1/2 .....                                 | 16  |
| 19   | W-517    | Hex Nut - 5/8 .....                                 | 14  |
| 20   | D-5274   | Locknut - 1 .....                                   | 2   |
| 21   | D-5244   | Spiral Pin - 1/4 x 2 .....                          | 4   |
| 22   | W-1002   | Spiral Pin - 5/16 x 2 .....                         | 2   |
| 23   | W-535    | Cotter Pin - 1/4 x 1 1/2 .....                      | 4   |
| 24   | BW-11    | Hair Pin - 3/16 x 3 3/4 .....                       | 2   |
| 25   | N34476   | Reflector - Red .....                               | 2   |
| 26   | N34478   | Reflector - Orange .....                            | 2   |
| 27   | F-4644   | Decal - "Caution" .....                             | 4   |
| 28   | S33755   | Gravity Lock (34 ft) .....                          | 2   |
| 28A  | S29969   | Gravity Lock (39 ft) .....                          | 2   |
| 29   | S34185   | Cylinder Retaining Latch .....                      | 2   |
| 30   | S34182   | Flat Washer - 1 9/32 ID x 1 1/4 OD .....            | 4   |
| 31   | S34188   | Latch Bushing .....                                 | 2   |
| 32   | S33883   | Hex Bolt - 1/2 x 3 1/2 GR8 .....                    | 2   |
| 33   | F-3405   | Locknut - 1/2 .....                                 | 2   |
| 34   | W-475    | Hex Bolt - 3/8 x 1 .....                            | 2   |
| 35   | D-5489   | Flatwasher - 3/8 .....                              | 2   |
| 36   | M-3388   | Locknut - 3/8 .....                                 | 2   |
| 37   | F-3515   | Flatwasher - 1.031 ID x 1.75 OD x 0.188 thick ..... | 2   |
| 38   | S33937   | Stop Plate .....                                    | 2   |
| 39   | S33938   | Bumper Pad .....                                    | 2   |
| 40   | S33939   | Brace Strap .....                                   | 2   |
| 41   | S33940   | U-Clamp Strap .....                                 | 2   |
| 42   | D-5261   | Carriage Head Bolt - 3/8 x 1 1/2 .....              | 4   |
| 43   | W-496    | Hex Bolt - 1/2 x 5 1/2 .....                        | 2   |
| 44   | D14565   | Serrated Locknut - 1/2 .....                        | 2   |
| 45   | D-5279   | Serrated Locknut - 3/8 .....                        | 4   |

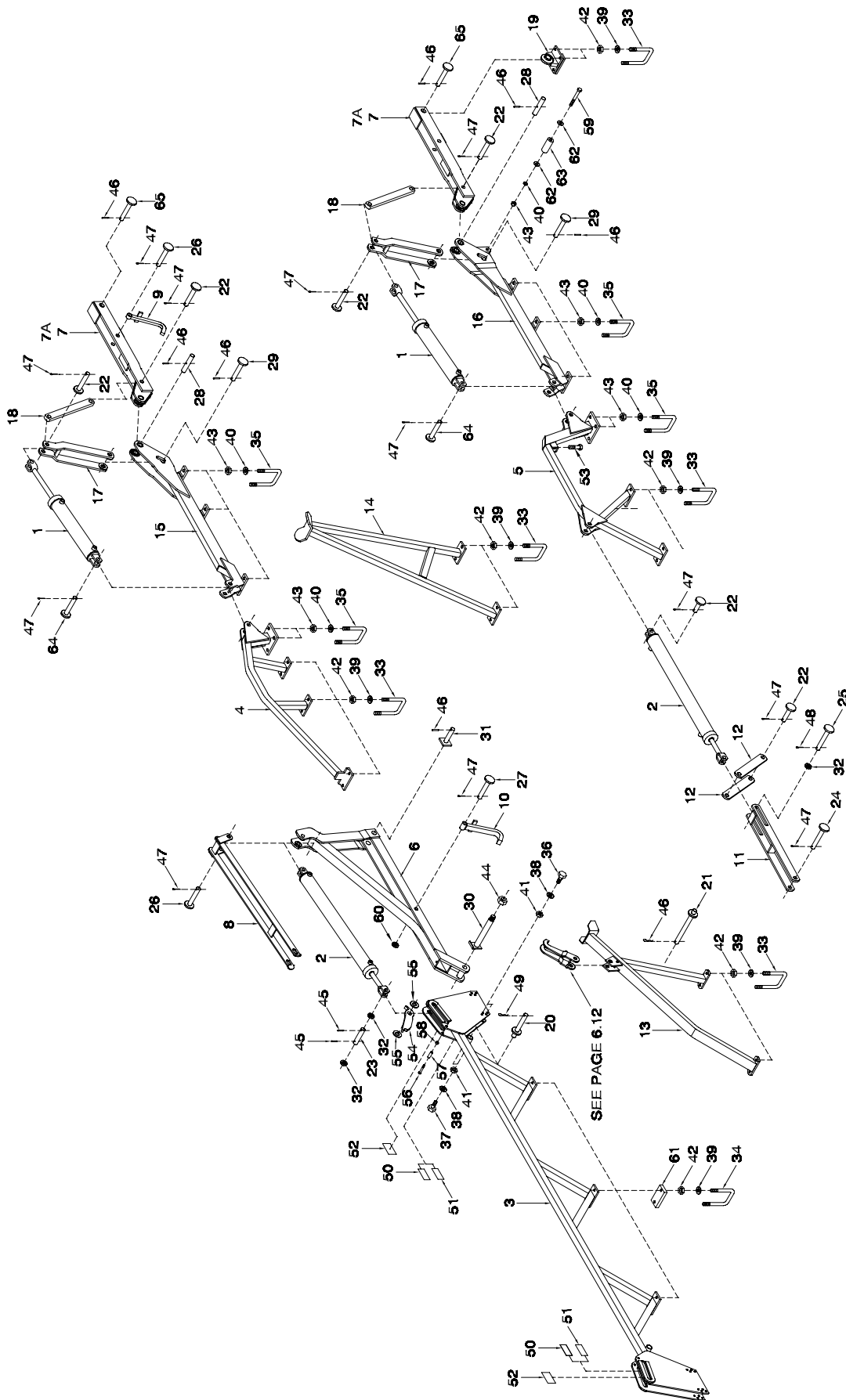
# Wing Lift Assembly 49 ft Model



## Wing Lift Assembly - 49 ft Model

| Item | Part No. | Description                                                           | Qty |
|------|----------|-----------------------------------------------------------------------|-----|
| 1    | C26436   | Hyd Cylinder - 4 x 18 .....                                           | 2   |
| 2    | C26303   | Hyd Cylinder - 4 1/2 x 30 .....                                       | 4   |
| 3    | S32405   | Wing Lift Truss .....                                                 | 1   |
| 4    | S22161   | Outer Wing Lift Truss .....                                           | 2   |
| 5    | S32410   | Inner Wing Lift Arm .....                                             | 2   |
| 6    | S22174   | Outer Wing Lift Arm .....                                             | 2   |
| 7    | S22397   | Wing Lock Strap .....                                                 | 2   |
| 8    | S33755   | Inner Wing Lock .....                                                 | 2   |
| 9    | S32413   | Floating Wing Lift Strap .....                                        | 2   |
| 10   | S33754   | Wing Lift Strap .....                                                 | 4   |
| 11   | S32534   | Inner Wing Rest .....                                                 | 2   |
| 12   | S22251   | Outer Wing Rest .....                                                 | 2   |
| 13   | S22352   | Pin - Cylinder Lock Strap .....                                       | 2   |
| 14   | S22282   | Pin - Wing Rest Lock .....                                            | 2   |
| 15   | W-558    | Pin - 1 x 2 1/4 UL .....                                              | 2   |
| 16   | C-1429   | Pin - 1 x 3 3/8 UL .....                                              | 2   |
| 17   | C14813   | Pin - 1 x 3 7/8 UL .....                                              | 2   |
| 18   | C-3717   | Pin - 1 x 4 1/8 UL .....                                              | 2   |
| 19   | F-1713   | Pin - 1 x 4 3/8 UL .....                                              | 2   |
| 20   | N28998   | Pin - 1 1/4 x 4 3/4 UL .....                                          | 2   |
| 21   | D17974   | Pin - 1 x 6 7/8 UL .....                                              | 2   |
| 22   | S13261   | Pin - 1 x 5 5/8 UL .....                                              | 2   |
| 23   | C18527   | Pin - 1 1/4 x 5 25/32 UL .....                                        | 4   |
| 24   | S22199   | Pin - 1 3/8 x 4 1/8 UL .....                                          | 2   |
| 25   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 .....                                       | 14  |
| 26   | C18639   | U-Bolt - 5/8 x 4 x 7 .....                                            | 3   |
| 27   | S-776    | Hex Bolt - 1/2 x 1 1/2 .....                                          | 16  |
| 28   | W-488    | Hex Bolt - 1/2 x 2 .....                                              | 8   |
| 29   | W-525    | Lockwasher - 1/2 .....                                                | 24  |
| 30   | W-526    | Lockwasher - 5/8 .....                                                | 34  |
| 31   | W-516    | Hex Nut - 1/2 .....                                                   | 24  |
| 32   | W-517    | Hex Nut - 5/8 .....                                                   | 34  |
| 33   | D-5274   | Locknut - 1 .....                                                     | 4   |
| 34   | S-4781   | Spiral Pin - 1/4 x 1 1/2 .....                                        | 2   |
| 35   | D-5244   | Spiral Pin - 1/4 x 2 .....                                            | 4   |
| 36   | W-1002   | Spiral Pin - 5/16 x 2 .....                                           | 4   |
| 37   | W-535    | Cotter Pin - 1/4 x 1 1/2 .....                                        | 12  |
| 38   | W-4181   | Cotter Pin - 1/4 x 2 .....                                            | 2   |
| 39   | BW-11    | Hair Pin - 3/16 x 3 3/4 .....                                         | 4   |
| 40   | N34476   | Reflector - Red .....                                                 | 2   |
| 41   | N34478   | Reflector - Orange .....                                              | 2   |
| 42   | F-4644   | Decal - "Caution" .....                                               | 4   |
| 43   | S28797   | Spacer Block - Wing Rest (For Harrows/Fertilizer Coulters Only) ..... | 2   |
| 44   | A19720   | Strap (For Harrows/Fertilizer Coulters Only) .....                    | 4   |
| 45   | W-514    | Hex Nut - 3/8 UNC GR 5 (For Harrows/Fertilizer Coulters Only) .....   | 8   |
| 46   | W-523    | Lockwasher - 3/8 (For Harrows/Fertilizer Coulters Only) .....         | 8   |
| 47   | S31010   | Wing Rest Retaining Lug (For Harrows/Fertilizer Coulters Only) .....  | 2   |
| 48   | S32595   | Pin - 1 1/4 x 4 1/4 UL .....                                          | 2   |
| 49   | S34185   | Cylinder Retaining Latch .....                                        | 2   |
| 50   | S34182   | Flat Washer - 1 9/32 ID x 1 1/4 OD .....                              | 4   |
| 51   | S33883   | Hex Bolt - 1/2 x 3 1/2 GR8 .....                                      | 2   |
| 52   | S34188   | Latch Bushing .....                                                   | 2   |
| 53   | F-3405   | Locknut - 1/2 .....                                                   | 2   |
| 54   | S33753   | Spacer - 3/8 .....                                                    | 3   |
| 55   | C29194   | Spacer - 3/4 .....                                                    | 3   |
| 56   | C14814   | Washer - 1 1/16 .....                                                 | 4   |
| 57   | D-5499   | Flatwasher - 1 5/16 ID x 2 3/4 OD x 9 GA .....                        | 6   |
| 58   | F-3515   | Flatwasher - 1.031 ID x 1.75 OD x 0.188 thick .....                   | 2   |
| 59   | C26324   | Pin - 1 3/8 x 5 1/8 UL .....                                          | 2   |

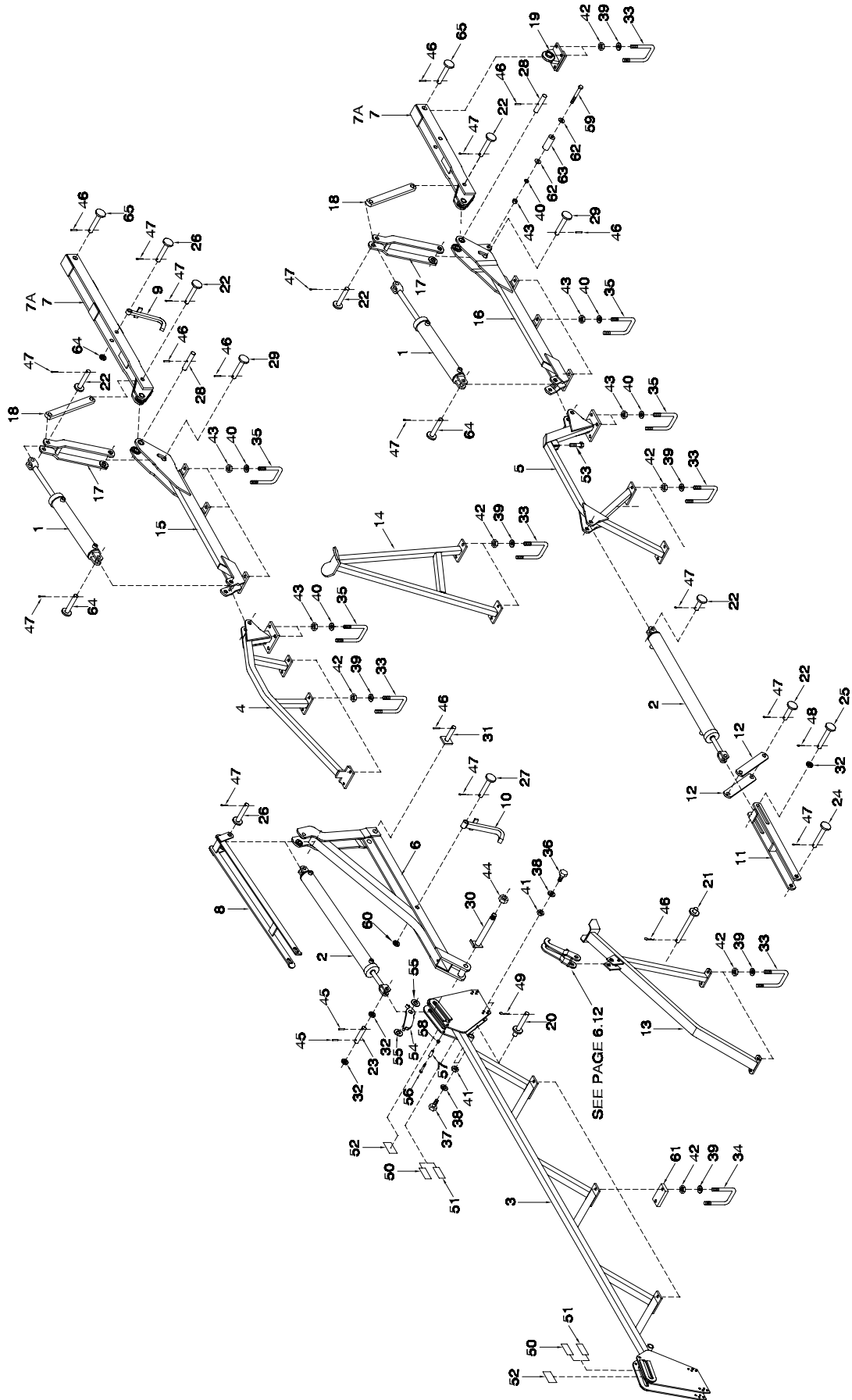
# Wing Lift Assembly 55 ft Model



## Wing Lift Assembly - 55 ft Model

| Item | Part No. | Description                                         | Qty |
|------|----------|-----------------------------------------------------|-----|
| 1    | C-2146   | Hyd Cylinder - 4 x 24 .....                         | 4   |
| 2    | C26303   | Hyd Cylinder - 4 1/2 x 30 .....                     | 4   |
| 3    | S32405   | Wing Lift Truss .....                               | 1   |
| 4    | S29777   | Outer Wing Lift Truss - Rear .....                  | 2   |
| 5    | S29778   | Outer Wing Lift Truss - Front .....                 | 2   |
| 6    | S32410   | Inner Wing Lift Arm .....                           | 2   |
| 7    | S29816   | Outer Wing Lift Arm (10" Spacing) .....             | 4   |
| 7A   | S29815   | Outer Wing Lift Arm (12 " Spacing) .....            | 4   |
| 8    | S22397   | Wing Lock Strap .....                               | 2   |
| 9    | S22178   | Wing Lock .....                                     | 2   |
| 10   | S29969   | Wing Lock .....                                     | 2   |
| 11   | S32413   | Floating Wing Lift Strap .....                      | 2   |
| 12   | S32411   | Wing Lift Strap .....                               | 4   |
| 13   | S32534   | Inner Wing Rest .....                               | 2   |
| 14   | S29826   | Outer Wing Rest .....                               | 2   |
| 15   | S29834   | Rear Hinge Bracket .....                            | 2   |
| 16   | S29835   | Front Hinge Bracket .....                           | 2   |
| 17   | S29926   | Wing Lift Strap .....                               | 4   |
| 18   | S29988   | Outer Link Bar .....                                | 4   |
| 19   | S29831   | Outer Pivot Plate .....                             | 2   |
| 20   | S22352   | Pin - Cylinder Lock Strap .....                     | 2   |
| 21   | S22282   | Pin - Wing Rest Lock .....                          | 2   |
| 22   | C-1429   | Pin - 1 x 3 3/8 UL .....                            | 12  |
| 23   | S32595   | Pin - 1 1/4 x 4 1/4 UL .....                        | 2   |
| 24   | F-1713   | Pin - 1 x 4 3/8 UL .....                            | 2   |
| 25   | N28998   | Pin - 1 1/4 x 4 3/4 UL .....                        | 2   |
| 26   | S13261   | Pin - 1 x 5 5/8 UL .....                            | 4   |
| 27   | D17974   | Pin - 1 x 6 7/8 UL .....                            | 2   |
| 28   | C16602   | Pin - 1 1/4 x 4 UL - Centre Hole .....              | 4   |
| 29   | C16605   | Pin - 1 1/4 x 5 1/2 UL .....                        | 4   |
| 30   | C18527   | Pin - 1 1/4 x 5 25/32 UL .....                      | 2   |
| 31   | C26324   | Pin - 1 3/8 x 5 1/8 UL .....                        | 2   |
| 32   | D-5499   | Flatwasher - 1 5/16 ID x 2 3/4 OD x 9 GA .....      | 6   |
| 33   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 .....                     | 18  |
| 34   | C18639   | U-Bolt - 5/8 x 4 x 7 .....                          | 3   |
| 35   | C-5561   | U-Bolt - 3/4 x 4 x 5 9/16 .....                     | 24  |
| 36   | S-776    | Hex Bolt - 1/2 x 1 1/2 .....                        | 8   |
| 37   | W-488    | Hex Bolt - 1/2 x 2 .....                            | 8   |
| 38   | W-525    | Lockwasher - 1/2 .....                              | 16  |
| 39   | W-526    | Lockwasher - 5/8 .....                              | 42  |
| 40   | W-527    | Lockwasher - 3/4 .....                              | 50  |
| 41   | W-516    | Hex Nut - 1/2 .....                                 | 16  |
| 42   | W-517    | Hex Nut - 5/8 .....                                 | 42  |
| 43   | W-518    | Hex Nut - 3/4 .....                                 | 50  |
| 44   | D-5274   | Locknut - 1 .....                                   | 2   |
| 45   | D-5244   | Spiral Pin - 1/4 x 2 .....                          | 4   |
| 46   | P106023  | Spiral Pin - 3/8 x 2 .....                          | 14  |
| 47   | W-535    | Cotter Pin - 1/4 x 1 1/2 .....                      | 24  |
| 48   | W-4181   | Cotter Pin - 1/4 x 2 .....                          | 2   |
| 49   | BW-11    | Hair Pin - 3/16 x 3 3/4 .....                       | 2   |
| 50   | N34476   | Reflector - Red .....                               | 2   |
| 51   | N34478   | Reflector - Orange .....                            | 2   |
| 52   | F-4644   | Decal - "Caution" .....                             | 4   |
| 53   | W-498    | Hex Bolt - 5/8 x 1 3/4 .....                        | 2   |
| 54   | S34185   | Cylinder Retaining Latch .....                      | 2   |
| 55   | S34182   | Flat Washer - 1 9/32 ID x 1 1/4 OD .....            | 4   |
| 56   | S33883   | Hex Bolt - 1/2 x 3 1/2 GR8 .....                    | 2   |
| 57   | S34188   | Latch Bushing .....                                 | 2   |
| 58   | F-3405   | Locknut - 1/2 .....                                 | 2   |
| 59   | S-1191   | Hex Bolt - 3/4 x 5 .....                            | 2   |
| 60   | F-3515   | Flatwasher - 1.031 ID x 1.75 OD x 0.188 thick ..... | 2   |
| 61   | C29194   | Spacer - 3/4 .....                                  | 3   |
| 62   | W-476    | Flatwasher - 3/4 .....                              | 4   |
| 63   | C18619   | Spacer .....                                        | 2   |
| 64   | C18851   | Pin - 1 x 4 3/4 UL .....                            | 4   |
| 65   | C32224   | Pin - 1 3/8 x 6 1/2 UL .....                        | 4   |

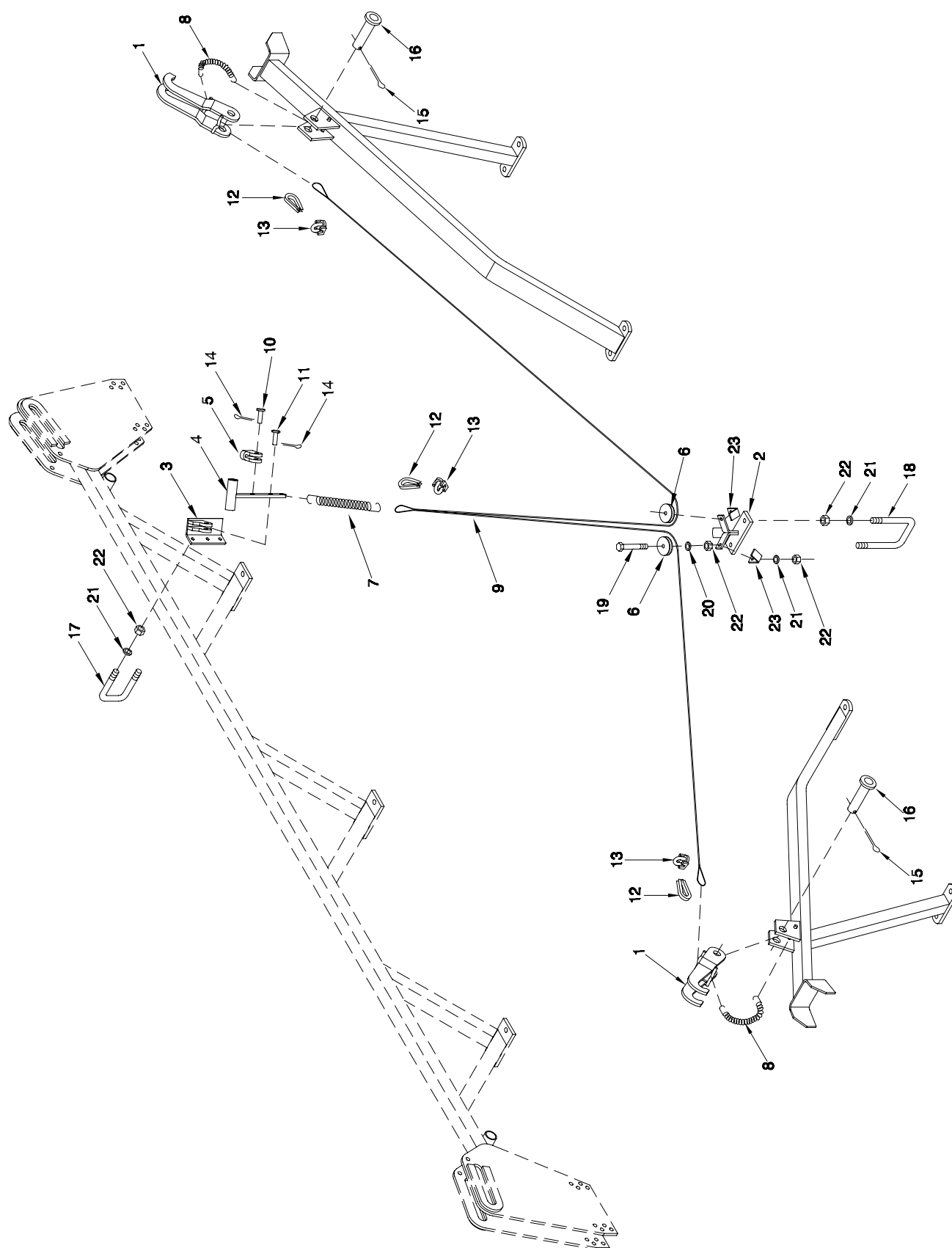
# Wing Lift Assembly 60 ft Model



## Wing Lift Assembly - 60 ft Model

| Item | Part No. | Description                                         | Qty |
|------|----------|-----------------------------------------------------|-----|
| 1    | C-2145   | Hyd Cylinder - 4 1/2 x 24 .....                     | 4   |
| 2    | C26303   | Hyd Cylinder - 4 1/2 x 30 .....                     | 4   |
| 3    | S32405   | Wing Lift Truss .....                               | 1   |
| 4    | S29777   | Outer Wing Lift Truss - Rear .....                  | 2   |
| 5    | S29778   | Outer Wing Lift Truss - Front .....                 | 2   |
| 6    | S32410   | Inner Wing Lift Arm .....                           | 2   |
| 7    | S29912   | Rear Outer Wing Lift Arm (10" Spacing) .....        | 2   |
| 7A   | S29913   | Rear Outer Wing Lift Arm (12" Spacing) .....        | 2   |
| 7B   | S29816   | Front Outer Wing Lift Arm (10" Spacing) .....       | 2   |
| 7C   | S29815   | Front Outer Wing Lift Arm (12" Spacing) .....       | 2   |
| 8    | S22397   | Wing Lock Strap .....                               | 2   |
| 9    | S22178   | Wing Lock .....                                     | 2   |
| 10   | S29969   | Wing Lock .....                                     | 2   |
| 11   | S32413   | Floating Wing Lift Strap .....                      | 2   |
| 12   | S32411   | Wing Lift Strap .....                               | 4   |
| 13   | S32534   | Inner Wing Rest .....                               | 2   |
| 14   | S29914   | Outer Wing Rest .....                               | 2   |
| 15   | S29834   | Rear Hinge Bracket .....                            | 2   |
| 16   | S29835   | Front Hinge Bracket .....                           | 2   |
| 17   | S29926   | Wing Lift Strap .....                               | 4   |
| 18   | S29839   | Outer Link Bar .....                                | 4   |
| 19   | S29831   | Outer Pivot Plate .....                             | 2   |
| 20   | S22352   | Pin - Cylinder Lock Strap .....                     | 2   |
| 21   | S22282   | Pin - Wing Rest Lock .....                          | 2   |
| 22   | C-1429   | Pin - 1 x 3 3/8 UL .....                            | 12  |
| 23   | S31741   | Pin - 1 1/4 x 4 1/4 UL .....                        | 2   |
| 24   | F-1713   | Pin - 1 x 4 3/8 UL .....                            | 2   |
| 25   | N28998   | Pin - 1 1/4 x 4 3/4 UL .....                        | 2   |
| 26   | S13261   | Pin - 1 x 5 5/8 UL .....                            | 4   |
| 27   | D17974   | Pin - 1 x 6 7/8 UL .....                            | 2   |
| 28   | C16602   | Pin - 1 1/4 x 4 UL - Centre Hole .....              | 4   |
| 29   | C16605   | Pin - 1 1/4 x 5 1/2 UL .....                        | 4   |
| 30   | C18527   | Pin - 1 1/4 x 5 25/32 UL .....                      | 2   |
| 31   | C26324   | Pin - 1 3/8 x 5 1/8 UL .....                        | 2   |
| 32   | D-5499   | Flatwasher - 1 5/16 ID x 2 3/4 OD x 9 GA .....      | 6   |
| 33   | C-219    | U-Bolt - 5/8 x 4 x 5 9/16 .....                     | 18  |
| 34   | C18639   | U-Bolt - 5/8 x 4 x 7 .....                          | 3   |
| 35   | C-5561   | U-Bolt - 3/4 x 4 x 5 9/16 .....                     | 24  |
| 36   | S-776    | Hex Bolt - 1/2 x 1 1/2 .....                        | 8   |
| 37   | W-488    | Hex Bolt - 1/2 x 2 .....                            | 8   |
| 38   | W-525    | Lockwasher - 1/2 .....                              | 16  |
| 39   | W-526    | Lockwasher - 5/8 .....                              | 42  |
| 40   | W-527    | Lockwasher - 3/4 .....                              | 50  |
| 41   | W-516    | Hex Nut - 1/2 .....                                 | 16  |
| 42   | W-517    | Hex Nut - 5/8 .....                                 | 42  |
| 43   | W-518    | Hex Nut - 3/4 .....                                 | 50  |
| 44   | D-5274   | Locknut - 1 .....                                   | 2   |
| 45   | D-5244   | Spiral Pin - 1/4 x 2 .....                          | 4   |
| 46   | P106023  | Spiral Pin - 3/8 x 2 .....                          | 14  |
| 47   | W-535    | Cotter Pin - 1/4 x 1 1/2 .....                      | 24  |
| 48   | W-4181   | Cotter Pin - 1/4 x 2 .....                          | 2   |
| 49   | BW-11    | Hair Pin - 3/16 x 3 3/4 .....                       | 2   |
| 50   | N34476   | Reflector - Red .....                               | 2   |
| 51   | N34478   | Reflector - Orange .....                            | 2   |
| 52   | F-4644   | Decal - "Caution" .....                             | 4   |
| 53   | W-498    | Hex Bolt - 5/8 x 1 3/4 .....                        | 2   |
| 54   | S34185   | Cylinder Retaining Latch .....                      | 2   |
| 55   | S34182   | Flat Washer - 1 9/32 ID x 1 1/4 OD .....            | 4   |
| 56   | S33883   | Hex Bolt - 1/2 x 3 1/2 GR8 .....                    | 2   |
| 57   | S34188   | Latch Bushing .....                                 | 2   |
| 58   | F-3405   | Locknut - 1/2 .....                                 | 2   |
| 59   | S-1191   | Hex Bolt - 3/4 x 5 .....                            | 2   |
| 60   | F-3515   | Flatwasher - 1.031 ID x 1.75 OD x 0.188 thick ..... | 2   |
| 61   | C29194   | Spacer - 3/4 .....                                  | 3   |
| 62   | W-476    | Flatwasher - 3/4 .....                              | 4   |
| 63   | C18619   | Spacer .....                                        | 2   |
| 64   | C18851   | Pin - 1 x 4 3/4 UL .....                            | 4   |
| 65   | C32224   | Pin - 1 3/8 x 6 1/2 UL .....                        | 4   |

# Wing Lift Assembly Wing Latch



## Wing Lift Assembly - Wing Latch

| Item | Part No. | Description                                    | Qty |
|------|----------|------------------------------------------------|-----|
| 1    | S33910   | Lock - Wing .....                              | 2   |
| 2    | S32736   | Bracket - Idler .....                          | 1   |
| 3    | C26546   | Bracket - Lock .....                           | 1   |
| 4    | C26548   | Handle - Lock .....                            | 1   |
| 5    | H10458   | Stop .....                                     | 1   |
| 6    | D17807   | Nylon Idler .....                              | 2   |
| 7    | C26814   | Spring - 1 1/8 OD x 6 1/16 Lg .....            | 1   |
| 8    | W-106    | Spring - 9/16 OD x 3 27/32 Lg - Trailing ..... | 2   |
| 9    | C26550   | Cable - Wing Lock - 3/16 .....                 | 1   |
| 10   | H10530   | Button Head Pin - 7/16 x 1 5/16 Lg .....       | 1   |
| 11   | W14968   | Clevis Pin - 1/2 x 1 1/4 UL .....              | 1   |
| 12   | C26815   | Cable Thimble - 3/16 .....                     | 3   |
| 13   | S-1240   | Cable Clamp - 3/16 .....                       | 3   |
| 14   | W-907    | Cotter Pin - 5/32 x 3/4 Lg .....               | 2   |
| 15   | W-535    | Cotter Pin - 1/4 x 1 1/2 Lg .....              | 2   |
| 16   | C-1429   | Pin - 1 x 3 3/8 UL .....                       | 2   |
| 17   | D12714   | U-Bolt - 3/8 x 2 x 4 .....                     | 1   |
| 18   | N15098   | U-Bolt - 3/8 x 4 3/8 x 5 .....                 | 1   |
| 19   | W-478    | Hex Bolt - 3/8 x 2 Lg .....                    | 2   |
| 20   | D-5489   | Flatwasher - 3/8 .....                         | 2   |
| 21   | W-523    | Lockwasher - 3/8 .....                         | 6   |
| 22   | W-514    | Hex Nut - 3/8 .....                            | 8   |
| 23   | S34350   | Retaining Clip .....                           | 2   |

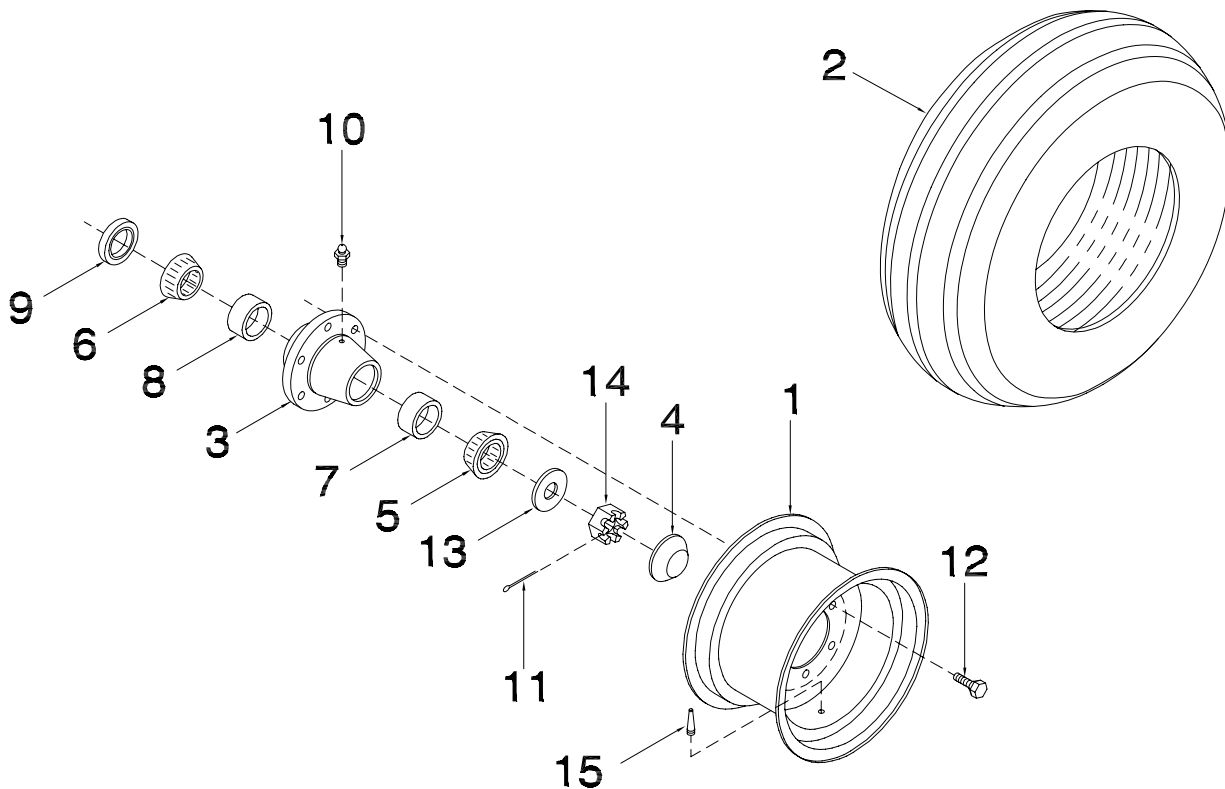


# Section 7: Wheels

## Section Contents

|                                                           |      |
|-----------------------------------------------------------|------|
| Transport Wheels & Hubs 29 ft & 34 ft .....               | 7-2  |
| Transport Wheels & Hubs 39 ft, 49 ft, 55 ft & 60 ft ..... | 7-3  |
| Main Gauge Wheels & Hubs - 29', 34', 39' and 49' .....    | 7-4  |
| Main Gauge Wheels & Hubs - 55' and 60' .....              | 7-6  |
| Wing Gauge - Dual Axle - August 2009 to present .....     | 7-8  |
| Wing Gauge - Dual Axle - Prior to August 2009 .....       | 7-9  |
| Wing Gauge - Single Axle .....                            | 7-10 |

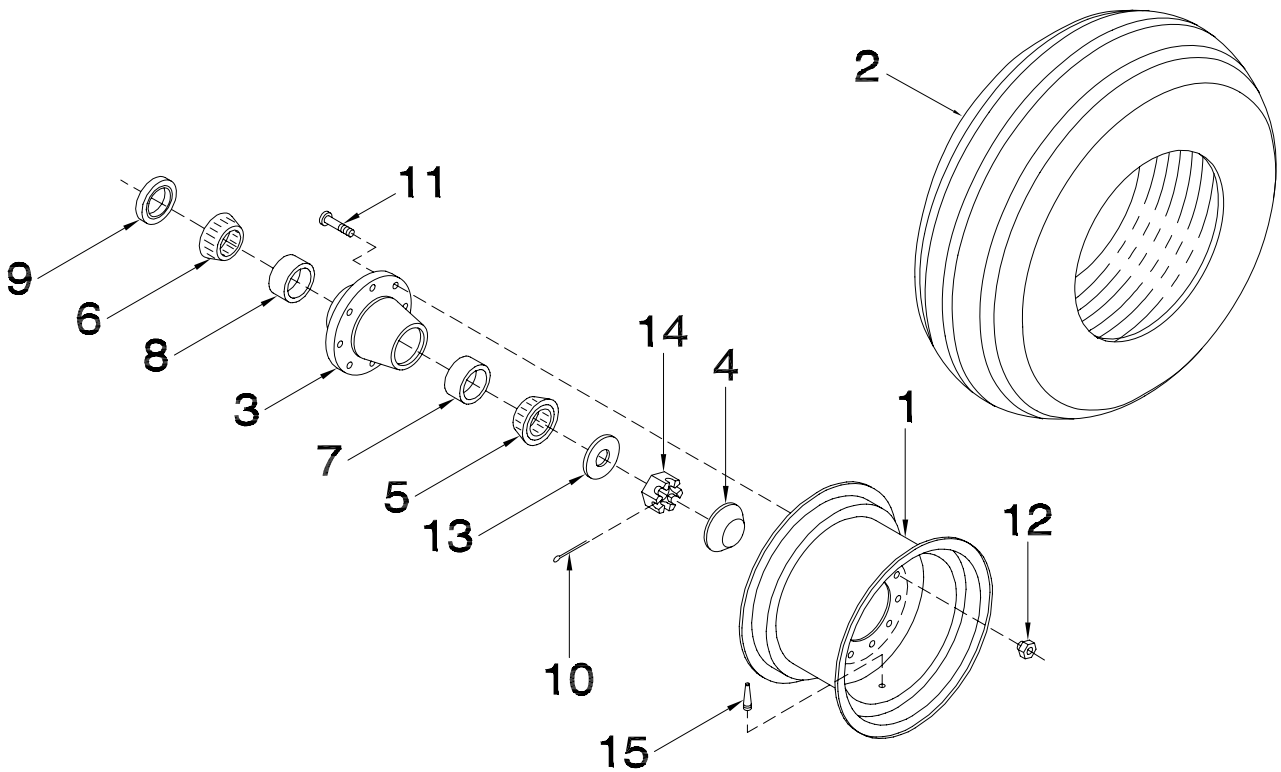
## Wheels Transport Wheels & Hubs 29 ft & 34 ft



| Item | Part No. | Description                                      | Qty |
|------|----------|--------------------------------------------------|-----|
| 1    | C-1473   | Rim - 15 x 8 - 6 Bolt .....                      | 2   |
| 2    | K-5688   | Tire - 11 x 15FI Load Range D .....              | 2   |
| 3    | C-1463   | Heavy Duty Hub (Includes Items 7, 8 & 10) .....  | 2   |
| 4    | C-1522   | Dust Cap .....                                   | 2   |
| 5    | W-1474   | Outer Wheel Bearing .....                        | 2   |
| 6    | W-1475   | Inner Wheel Bearing .....                        | 2   |
| 7    | W-1537   | Outer Bearing Cup .....                          | 2   |
| 8    | W-1538   | Inner Bearing Cup .....                          | 2   |
| 9    | C-1521   | Seal .....                                       | 2   |
| 10   | S-752    | Grease Zerk - 1/4 NPT Straight (not shown) ..... | 2   |
| 11   | W-1416   | Cotter Pin - 3/16 x 1 1/2 .....                  | 2   |
| 12   | W-1383   | Wheel Stud Bolt - 9/16 x 1 11/16 .....           | 12  |
| 13   | C-3258   | Flatwasher - 2 OD x 1 1/16 ID x 3/16 .....       | 2   |
| 14   | S-1311   | Slotted Nut - 1 SAE .....                        | 2   |
| 15   | C17348   | Valve Stem .....                                 | 2   |

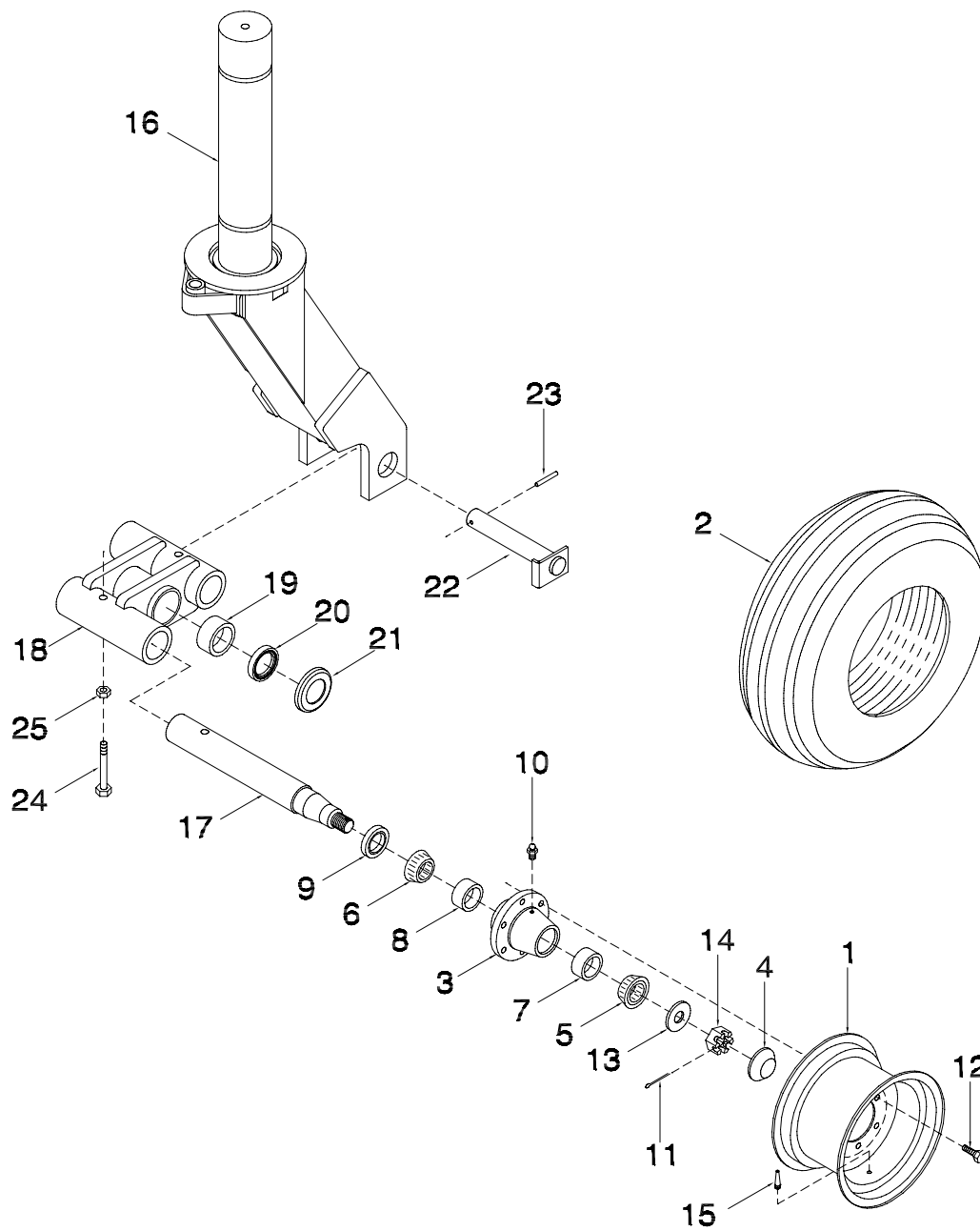
## Wheels

### Transport Wheels & Hubs 39 ft, 49 ft, 55 ft & 60 ft



| Item | Part No. | Description                                                  | Qty |
|------|----------|--------------------------------------------------------------|-----|
| 1    | C17355   | Rim - 15 x 10 - 8 Bolt .....                                 | 4   |
| 2    | C16609   | Tire - 11 x 15FI Load Range F (39 ft & 49 ft Only) .....     | 4   |
|      | C26840   | Tire - 12.5 x 15FI - Load Range F (55 ft & 60 ft Only) ..... | 4   |
| 3    | N19173   | Hub (Includes Items 7, 8 & 11) .....                         | 4   |
| 4    | N19171   | Dust Cap .....                                               | 4   |
| 5    | N19170   | Outer Wheel Bearing .....                                    | 4   |
| 6    | N19169   | Inner Wheel Bearing .....                                    | 4   |
| 7    | N19168   | Outer Bearing Cup .....                                      | 4   |
| 8    | N19167   | Inner Bearing Cup .....                                      | 4   |
| 9    | N19172   | Seal .....                                                   | 4   |
| 10   | D-5239   | Cotter Pin - 1/4 x 2 1/4 .....                               | 4   |
| 11   | N19727   | Wheel Stud - 5/8 x 18 UNF x 2 1/2 .....                      | 32  |
| 12   | N19586   | Wheel Nut - 5/8 .....                                        | 32  |
| 13   | N13962   | Flatwasher .....                                             | 4   |
| 14   | N19484   | Castle Nut - 1 1/4 .....                                     | 4   |
| 15   | C17348   | Valve Stem .....                                             | 4   |

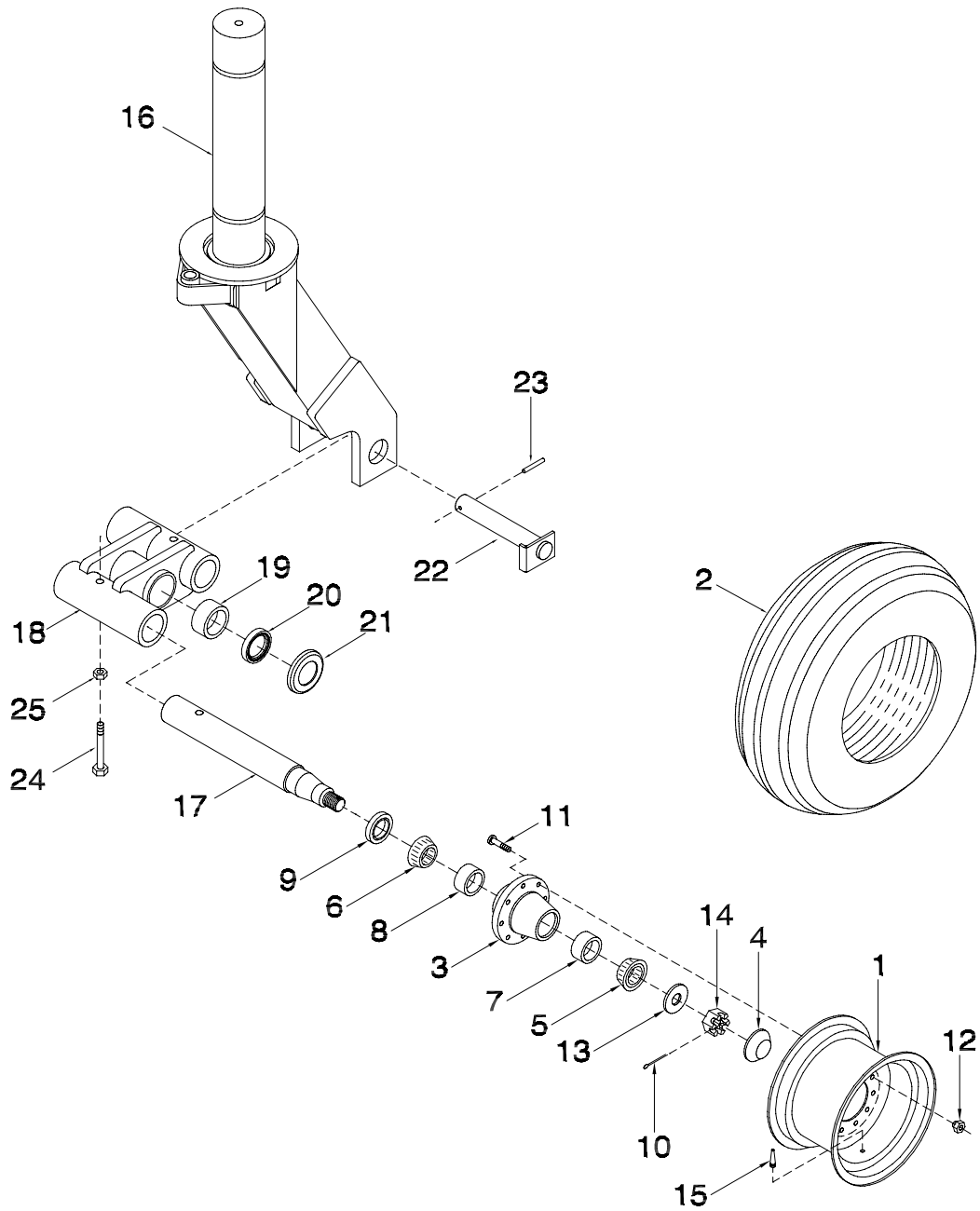
# Wheels Main Gauge Wheels & Hubs - 29', 34', 39' and 49'



## Main Gauge Wheels & Hubs - 29', 34', 39' and 49'

| Item | Part No. | Description                                              | Qty |
|------|----------|----------------------------------------------------------|-----|
|      |          | <b>29', 34', 39' and 49' Airdrill</b>                    |     |
| 1    | C-1473   | Rim - 15 x 8 - 6 Bolt .....                              | 2   |
| 2    | K-5688   | Tire - 11L x 15FI - Load Range D (2002 to present) ..... | 2   |
|      | W12884   | Tire - 9.5L x 15FI - Load Range D (Prior to 2002) .....  | 2   |
| 3    | C-1463   | Heavy Duty Hub (Includes Items 7, 8 & 10) .....          | 2   |
| 4    | C-1522   | Dust Cap .....                                           | 2   |
| 5    | W-1474   | Outer Wheel Bearing .....                                | 2   |
| 6    | W-1475   | Inner Wheel Bearing .....                                | 2   |
| 7    | W-1537   | Outer Bearing Cup .....                                  | 2   |
| 8    | W-1538   | Inner Bearing Cup .....                                  | 2   |
| 9    | C-1521   | Seal .....                                               | 2   |
| 10   | S-752    | Grease Zerk - 1/4 NPT Straight .....                     | 2   |
| 11   | W-1416   | Cotter Pin - 3/16 x 1 1/2 .....                          | 2   |
| 12   | W-1383   | Wheel Stud Bolt - 9/16 x 1 11/16 .....                   | 12  |
| 13   | C-3258   | Flatwasher - 2 OD x 1 1/16 ID x 3/16 .....               | 2   |
| 14   | S-1311   | Slotted Nut - 1 SAE .....                                | 2   |
| 15   | C17348   | Valve Stem - TR-416 .....                                | 2   |
| 16   | S32558   | Offset Castor - Main .....                               | 1   |
| 17   | S32545   | Spindle 2" Dia .....                                     | 2   |
| 18   | S39440   | Axle Bracket - Offset (Includes items 19 & 20) .....     | 1   |
| 19   | C26086   | Bearing - Garlock - 1 3/4 OD x 1 1/2 Lg .....            | 2   |
| 20   | C26266   | Dust Seal - 2.54 OD x 2.66 Thick .....                   | 2   |
| 21   | C26082   | Washer - Formed - 1 3/4 ID .....                         | 2   |
| 22   | C26085   | Pin - Walking Beam Pivot - 1 3/4 x 6 5/8 UL .....        | 1   |
| 23   | T-5245   | Spiral Pin - 3/8 x 2 1/2 .....                           | 1   |
| 24   | W-493    | Hex Bolt - 1/2 x 3-1/2 Lg .....                          | 2   |
| 25   | F-3405   | Locknut - 1/2 Unitorque .....                            | 2   |

# Wheels Main Gauge Wheels & Hubs - 55' and 60'



## Main Gauge Wheels & Hubs

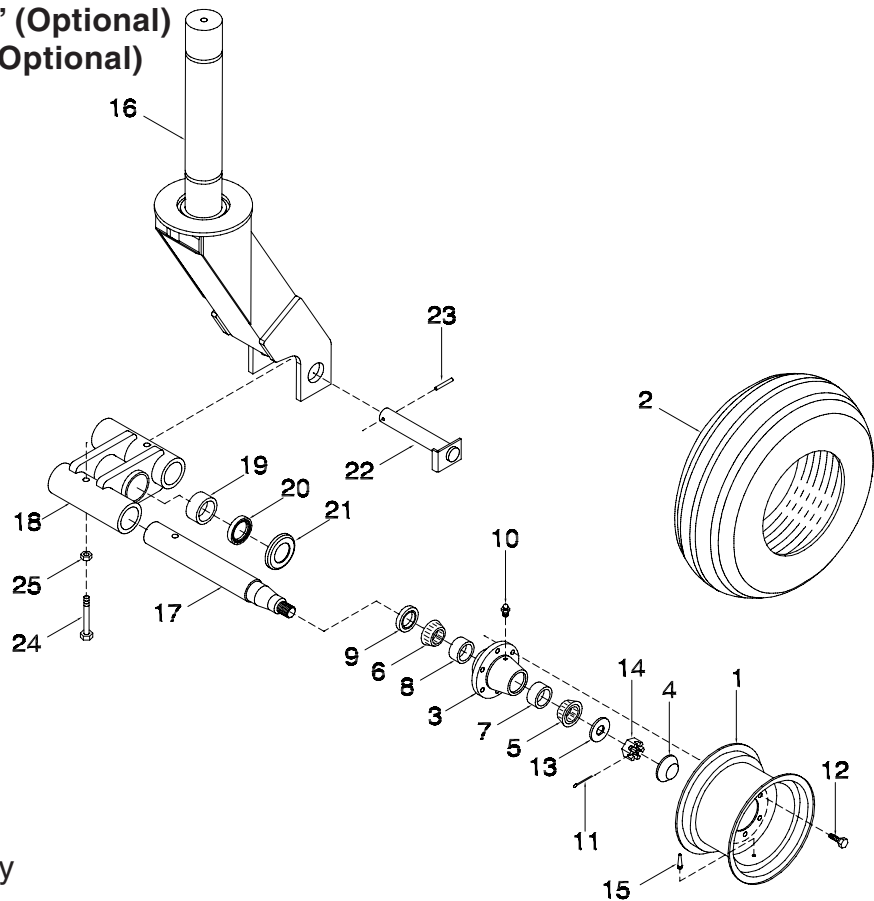
| Item | Part No. | Description                                                  | Qty |
|------|----------|--------------------------------------------------------------|-----|
|      |          | <b>55' and 60' Airdrill</b>                                  |     |
| 1    | C17355   | Rim - 15 x 10 - 8 Bolt .....                                 | 2   |
| 2    | C26840   | Tire - 12.5 x 15FI - Load Range F (55 ft & 60 ft Only) ..... | 2   |
| 3    | N19173   | Hub (Includes Items 7, 8 & 11) .....                         | 2   |
| 4    | N19171   | Dust Cap .....                                               | 2   |
| 5    | N19170   | Outer Wheel Bearing .....                                    | 2   |
| 6    | N19169   | Inner Wheel Bearing .....                                    | 2   |
| 7    | N19168   | Outer Bearing Cup .....                                      | 2   |
| 8    | N19167   | Inner Bearing Cup .....                                      | 2   |
| 9    | N19172   | Seal .....                                                   | 2   |
| 10   | D-5239   | Cotter Pin - 1/4 x 2 1/4 .....                               | 2   |
| 11   | N19727   | Wheel Stud - 5/8 x 18 UNF x 2 1/2 .....                      | 16  |
| 12   | N19586   | Wheel Nut - 5/8 .....                                        | 16  |
| 13   | N13962   | Flatwasher .....                                             | 2   |
| 14   | N19484   | Castle Nut - 1 1/4 .....                                     | 2   |
| 15   | C17348   | Valve Stem - TR-416 .....                                    | 2   |
| 16   | S32558   | Offset Castor - Main .....                                   | 1   |
| 17   | S32556   | Spindle 2 1/2" Dia .....                                     | 2   |
| 18   | S39991   | Axle Bracket - Offset (Includes items 19 & 20) .....         | 1   |
| 19   | C26086   | Bearing - Garlock - 1 3/4 OD x 1 1/2 Lg .....                | 2   |
| 20   | C26266   | Dust Seal - 2.54 OD x 0.266 Thick .....                      | 2   |
| 21   | C26082   | Washer - Formed - 1 3/4 ID .....                             | 2   |
| 22   | C26085   | Pin - Walking Beam Pivot - 1 3/4 x 6 5/8 UL .....            | 1   |
| 23   | T-5245   | Spiral Pin - 3/8 x 2 1/2 .....                               | 1   |
| 24   | W-495    | Hex Bolt - 1/2 x 4 Lg .....                                  | 2   |
| 25   | F-3405   | Locknut - 1/2 Unitorque .....                                | 2   |

## Wheels Wing Gauge - Dual Axle - Prior to August 2009

Inner Wing Frame - 55' & 60'

Wing Frame - 29', 34', 39' & 49' (Optional)

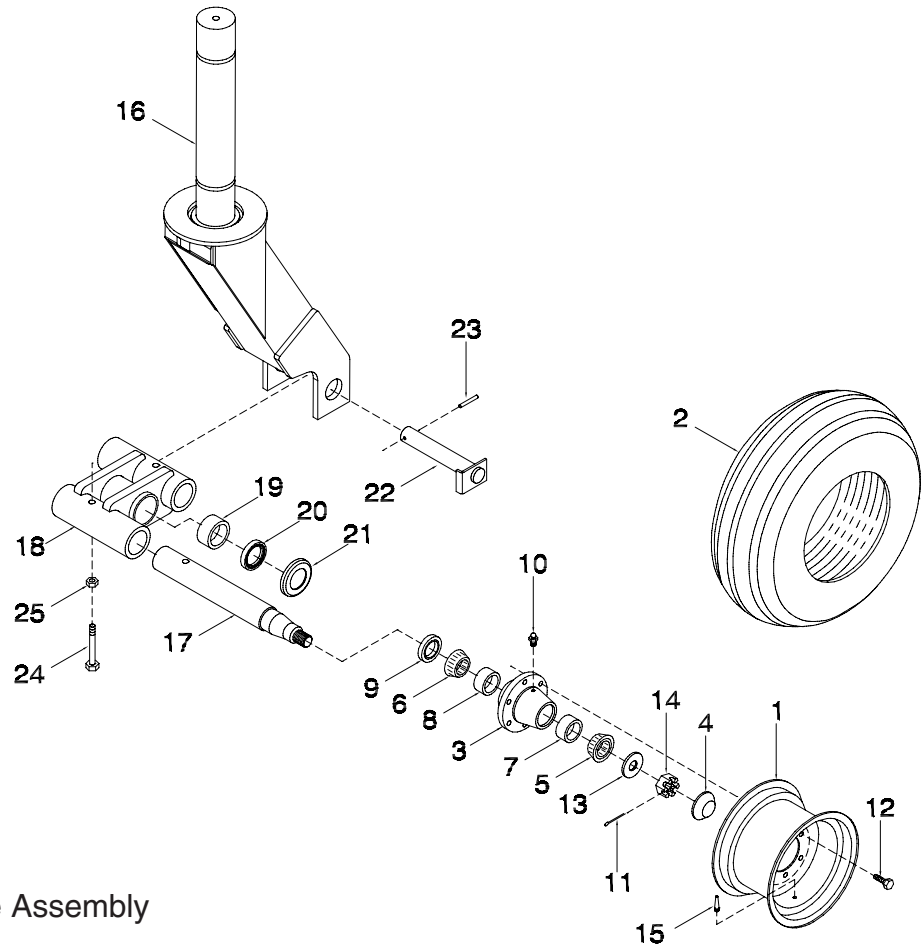
Outer Wing Frame - 55' & 60' (Optional)



Quantities are per Axle Assembly

| Item | Part No. | Description                                          | Qty |
|------|----------|------------------------------------------------------|-----|
| 1    | C16611   | Rim - 15 x 10 - 6 Bolt.....                          | 2   |
| 2    | W14600   | Tire - 11L x 15SL - 6 Ply rating .....               | 2   |
| 3    | C-1463   | Heavy Duty Hub (Includes Items 7, 8 & 10) .....      | 2   |
| 4    | C-1522   | Dust Cap .....                                       | 2   |
| 5    | W-1474   | Outer Wheel Bearing .....                            | 2   |
| 6    | W-1475   | Inner Wheel Bearing .....                            | 2   |
| 7    | W-1537   | Outer Bearing Cup .....                              | 2   |
| 8    | W-1538   | Inner Bearing Cup .....                              | 2   |
| 9    | C-1521   | Seal .....                                           | 2   |
| 10   | S-752    | Grease Zerk - 1/4 NPT Straight .....                 | 2   |
| 11   | W-1416   | Cotter Pin - 3/16 x 1 1/2.....                       | 2   |
| 12   | W-1383   | Wheel Stud Bolt - 9/16 x 1 11/16 .....               | 12  |
| 13   | C-3258   | Flatwasher - 2 OD x 1 1/16 ID x 3/16 .....           | 2   |
| 14   | S-1311   | Slotted Nut - 1 SAE .....                            | 2   |
| 15   | W-3328   | Valve Stem - TR-415 .....                            | 2   |
| 16   | S32547   | Offset Castor - 1/2" side plates .....               | 1   |
| 17   | S32545   | Spindle 2" Dia .....                                 | 2   |
| 18   | S39440   | Axle Bracket - Offset (Includes items 19 & 20) ..... | 1   |
| 19   | C26086   | Bearing - Garlock - 1 3/4 OD x 1 1/2 Lg .....        | 2   |
| 20   | C26266   | Dust Seal - 2.54 OD x 0.266 Thick .....              | 2   |
| 21   | C26082   | Washer - Formed - 1 3/4 ID .....                     | 2   |
| 22   | S32540   | Pin - Walking Beam Pivot - 1 3/4 x 6 1/16 UL .....   | 1   |
| 23   | T-5245   | Spiral Pin - 3/8 x 2 1/2 .....                       | 1   |
| 24   | W-493    | Hex Bolt - 1/2 x 3-1/2 Lg .....                      | 2   |
| 25   | F-3405   | Locknut - 1/2 Unitorque .....                        | 2   |

## Wheels Wing Gauge - Dual Axle - August 2009 to present

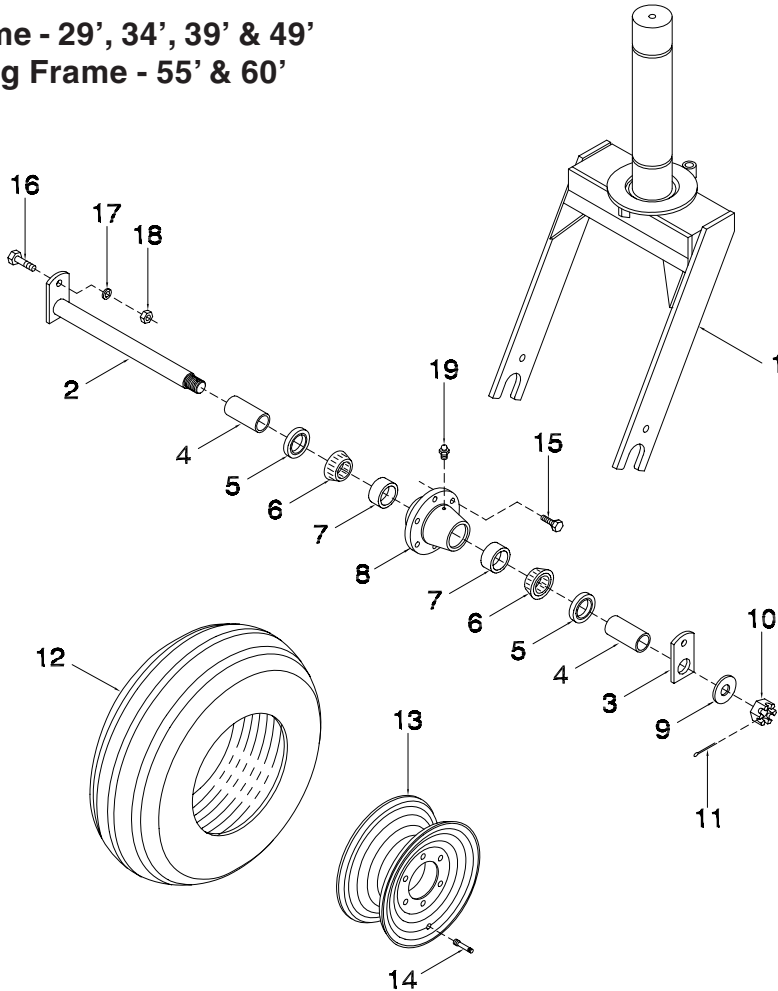


Quantities are per Axle Assembly

| Item | Part No. | Description                                              | Qty |
|------|----------|----------------------------------------------------------|-----|
| 1    | C16611   | Rim - 15 x 10 - 6 Bolt.....                              | 2   |
| 2    | W14600   | Tire - 11L x 15SL - 6 Ply rating.....                    | 2   |
| 3    | C-1463   | Heavy Duty Hub - 6 Bolt (Includes Items 7, 8 & 10) ..... | 2   |
| 4    | C-1522   | Dust Cap .....                                           | 2   |
| 5    | W-1474   | Outer Wheel Bearing.....                                 | 2   |
| 6    | W-1475   | Inner Wheel Bearing .....                                | 2   |
| 7    | W-1537   | Outer Bearing Cup .....                                  | 2   |
| 8    | W-1538   | Inner Bearing Cup .....                                  | 2   |
| 9    | C-1521   | Seal .....                                               | 2   |
| 10   | S-752    | Grease Zerk - 1/4 NPT Straight.....                      | 2   |
| 11   | W-1416   | Cotter Pin - 3/16 x 1 1/2 .....                          | 2   |
| 12   | W-1383   | Wheel Stud Bolt - 9/16 x 1 11/16 .....                   | 12  |
| 13   | C-3258   | Flatwasher - 2 OD x 1 1/16 ID x 3/16 .....               | 2   |
| 14   | S-1311   | Slotted Nut - 1 SAE.....                                 | 2   |
| 15   | W-3328   | Valve Stem - TR-415 - 41 & 47 ft Models .....            | 1   |
| 16   | S45720   | Offset Castor - 3/4" side plates .....                   | 1   |
| 17   | S32545   | Spindle 2" Dia.....                                      | 2   |
| 18   | S39440   | Axle Bracket - Offset (Includes items 19 & 20).....      | 1   |
| 19   | C26086   | Bearing - Garlock - 1 3/4 OD x 1 1/2 Lg .....            | 2   |
| 20   | C26266   | Dust Seal - 2.54 OD x 0.266 Thick .....                  | 2   |
| 21   | C26082   | Washer - Formed - 1 3/4 ID .....                         | 2   |
| 22   | C26085   | Pin - Walking Beam Pivot - 1 3/4 x 6 5/8 UL .....        | 1   |
| 23   | T-5245   | Spiral Pin - 3/8 x 2 1/2 .....                           | 1   |
| 24   | W-493    | Hex Bolt - 1/2 x 3-1/2 Lg .....                          | 2   |
| 25   | F-3405   | Locknut - 1/2 Unitorque .....                            | 2   |

## Wheels Wing Gauge - Single Axle

**Wing Frame - 29', 34', 39' & 49'**  
**Outer Wing Frame - 55' & 60'**



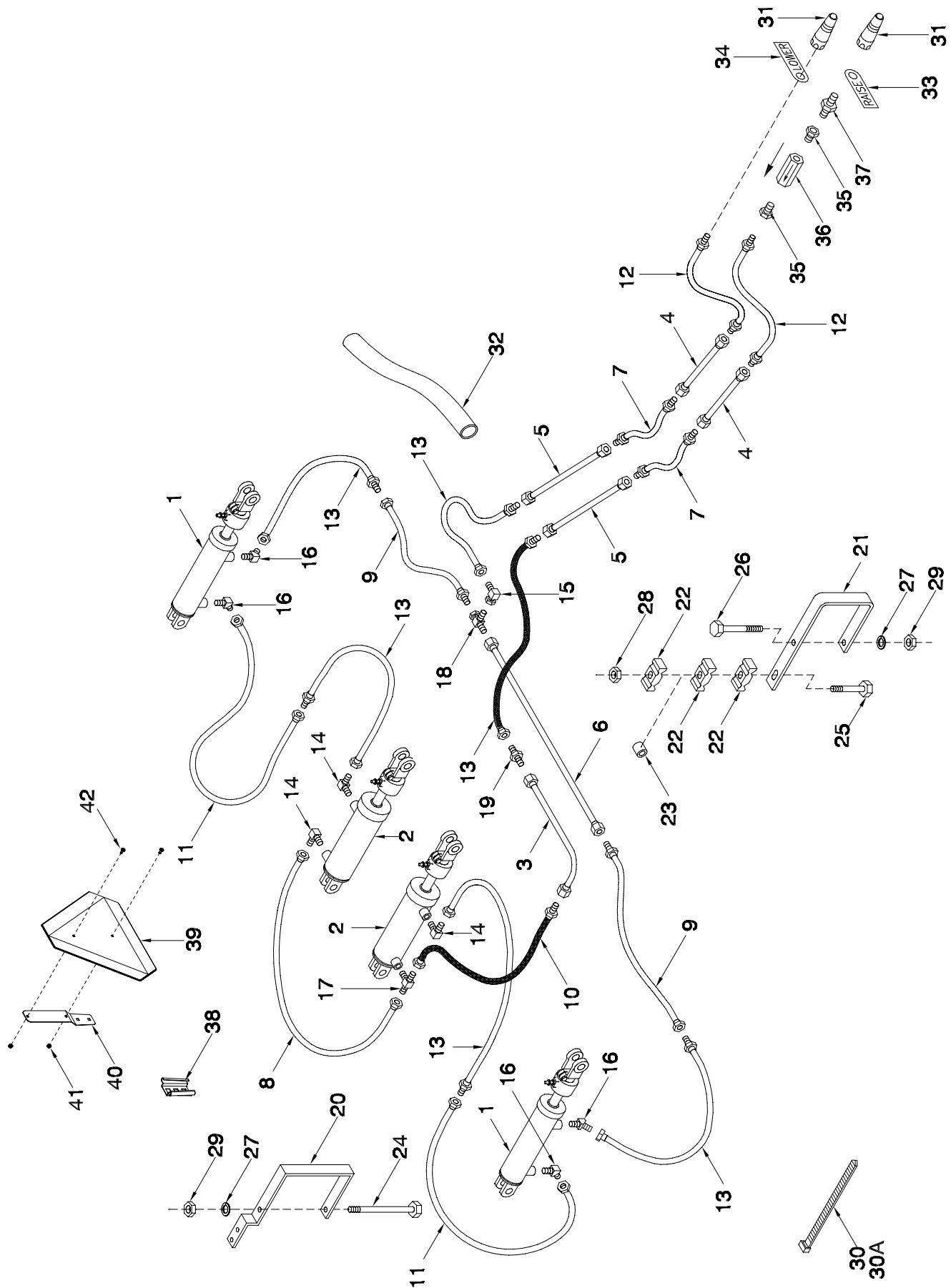
| Item | Part No. | Description                                                       | Qty |
|------|----------|-------------------------------------------------------------------|-----|
| 1    | C18657   | Castor Fork - 3" .....                                            | 1   |
| 1A   | S29898   | Dual Castor (for 55' & 60' only - Optional on other models) ..... | 1   |
| 2    | N19164   | Spindle .....                                                     | 1   |
| 3    | D-4947   | Plate .....                                                       | 1   |
| 4    | N19165   | Spacer .....                                                      | 2   |
| 5    | D-5402   | Hub Seal .....                                                    | 2   |
| 6    | W-1474   | Bearing Cone .....                                                | 2   |
| 7    | W-1537   | Bearing Cup .....                                                 | 2   |
| 8    | D-4837   | Hub (Includes Items 7 & 19) .....                                 | 1   |
| 9    | D-5498   | Flatwasher - 1 .....                                              | 1   |
| 10   | S-1311   | Slotted Nut - 1 UNF .....                                         | 1   |
| 11   | D-5238   | Cotter Pin - 3/16 x 1 3/4 .....                                   | 1   |
| 12   | W14600   | Tire - 11L x 15SL - 6 Ply rating .....                            | 1   |
| 13   | C16611   | Rim - 15 x 10 - 6 Bolt .....                                      | 1   |
| 14   | W-3328   | Valve Stem TR-415 .....                                           | 1   |
| 15   | W-1383   | Wheel Stud Bolt - 9/16 x 1 11/16 .....                            | 6   |
| 16   | W-498    | Hex Bolt - 5/8 x 1 3/4 .....                                      | 2   |
| 17   | W-526    | Lockwasher - 5/8 .....                                            | 2   |
| 18   | W-517    | Hex Nut - 5/8 .....                                               | 2   |
| 19   | S-752    | Grease Zerk - 1/4 NPT Straight .....                              | 1   |

## **Section 8: Depth Control Hydraulics**

### **Section Contents**

|                                              |      |
|----------------------------------------------|------|
| 29 ft & 34 ft Models .....                   | 8-2  |
| 39 ft Models - October 2006 to Present ..... | 8-4  |
| 39 ft Models - Prior to October 2006 .....   | 8-6  |
| 49 ft Models .....                           | 8-8  |
| 55 ft & 60 ft Models .....                   | 8-10 |

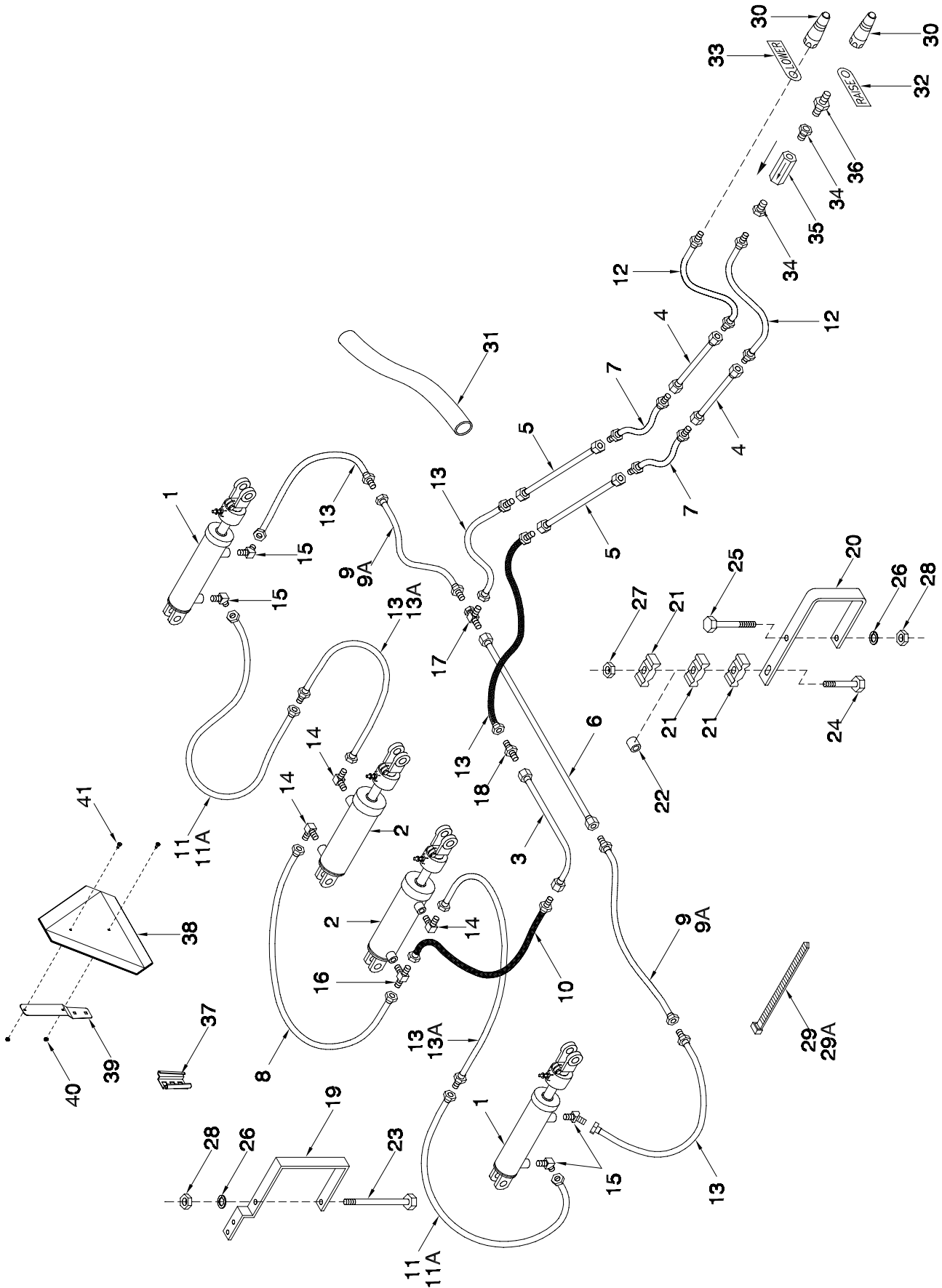
# Depth Control Hydraulics 29 ft & 34 ft Models



## Depth Control Hydraulics - 29 ft & 34 ft Models

| Item | Part No. | Description                                               | Qty   |
|------|----------|-----------------------------------------------------------|-------|
| 1    | C-2224   | Hyd Cylinder - 3 x 8 GBP .....                            | 2     |
| 2    | C-2225   | Hyd Cylinder - 3 1/2 x 8 GBP .....                        | 2     |
| 3    | C-4372   | Oil Line - 5/8 x 37 1/2 Lg .....                          | 1     |
| 4    | C-4363   | Oil Line - 5/8 x 38 Lg .....                              | 2     |
| 5    | C-4366   | Oil Line - 5/8 x 74 Lg .....                              | 2     |
| 6    | C-4368   | Oil Line - 5/8 x 88 Lg .....                              | 1     |
| 7    | C-4590   | Hyd Hose - 1/2 x 16 Lg w/7/8-14 MJIC .....                | 2     |
| 8    | C-4468   | Hyd Hose - 1/2 x 24 Lg w/7/8-14 FJIC .....                | 1     |
| 9    | C-4385   | Hyd Hose - 1/2 x 24 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....  | 2     |
| 10   | C-4387   | Hyd Hose - 1/2 x 36 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....  | 1     |
| 11   | H-4408   | Hyd Hose - 1/2 x 84 Lg w/7/8-14 FJIC .....                | 2     |
| 12   | C-4390   | Hyd Hose - 1/2 x 96 Lg w/7/8-14 MJIC x 1/2 MNPT .....     | 2     |
| 13   | S22403   | Hyd Hose - 1/2 x 120 Lg w/7/8-14 MJIC x 7/8-14 FJIC ..... | 6     |
| 14   | C-4400   | 90 Elbow - 7/8 -14 MJIC x 1/2 MNPT .....                  | 3     |
| 15   | K-5806   | 90 Elbow - 7/8-14 MJIC x 7/8-14 FJIC .....                | 1     |
| 16   | C-4402   | 45 Elbow - 7/8-14 MJIC x 1/2 MNPT .....                   | 4     |
| 17   | C-4396   | Tee - (2) 7/8-14 MJIC x (1) 1/2 MNPT .....                | 1     |
| 18   | H18746   | Tee - (2) 7/8-14 MJIC x (1) 7/8-14 FJIC .....             | 1     |
| 19   | C-4469   | Male Connector - 7/8-14 JIC .....                         | 1     |
| 20   | N27589   | Bracket - Coupler .....                                   | 1     |
| 21   | C14411   | Oil Line Bracket .....                                    | 5     |
| 22   | C-4698   | Oil Line Clamp .....                                      | 21    |
| 23   | N16257   | Spacer .....                                              | 1     |
| 24   | N19678   | Hex Bolt - 3/8 x 7 .....                                  | 1     |
| 25   | D-5249   | Hex Bolt - 3/8 x 3 1/4 .....                              | 7     |
| 26   | C-3918   | Hex Bolt - 3/8 x 5 .....                                  | 5     |
| 27   | W-523    | Lockwasher - 3/8 .....                                    | 6     |
| 28   | M-3388   | Locknut - 3/8 .....                                       | 7     |
| 29   | W-514    | Hex Nut - 3/8 .....                                       | 6     |
| 30   | S13336   | Plastic Tie Strap - 1/2 x 28 1/4 Lg .....                 | 6     |
| 30A  | D-4838   | Nylon Tie Strap - (Black) 14 1/2 Lg .....                 | 6     |
| 31   | C-817    | Pioneer Tips - 1/2 FNPT .....                             | 2     |
| 32   | S22747   | Hose Cover - Cut to 30" Length .....                      | 10 FT |
| 33   | S29958   | Tag - Hose ID - Depth Control - RAISE .....               | 1     |
| 34   | S29959   | Tag - Hose ID - Depth Control - LOWER .....               | 1     |
| 35   | C16457   | Adaptor - 3/4-16 ORB .....                                | 2     |
| 36   | C39519   | Restrictor Valve (FRF-08-156) .....                       | 1     |
| 37   | K21212   | Connector -1/2 MNPT .....                                 | 1     |
| 38   | W-1558   | SMV Bracket .....                                         | 1     |
| 39   | N34475   | SMV Sign .....                                            | 1     |
| 40   | N34643   | Spade Mount Bracket .....                                 | 1     |
| 41   | N22778   | Locknut - 1/4 Nylon Insert .....                          | 2     |
| 42   | K-3830   | Hex Bolt - 1/4 x 1/2 Lg .....                             | 2     |

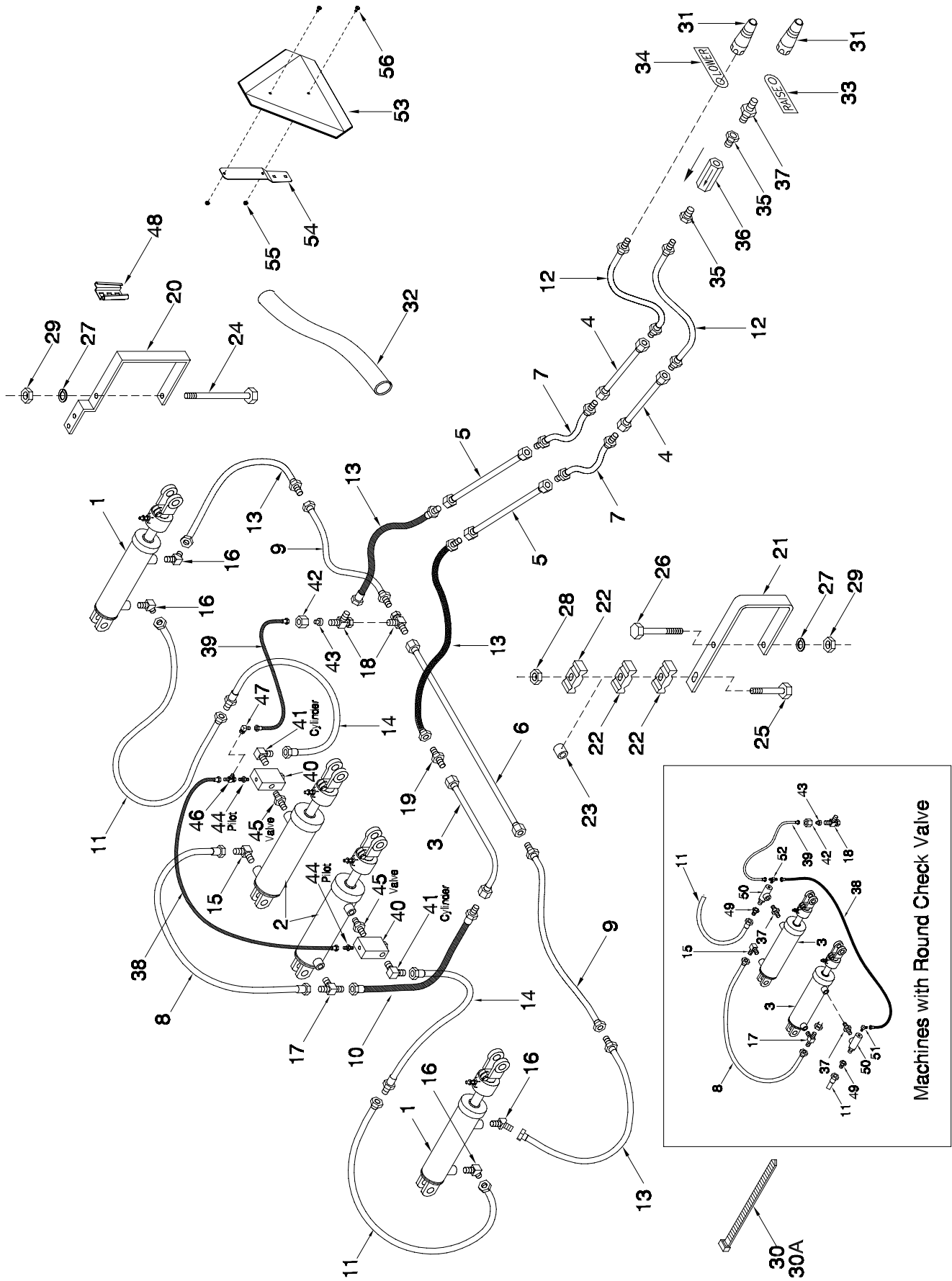
# Depth Control Hydraulics 39 ft Models - October 2006 to Present



## Depth Control Hydraulics - 39 ft Models - October 2006 to Present

| Item | Part No. | Description                                               | Qty   |
|------|----------|-----------------------------------------------------------|-------|
| 1    | C-2224   | Hyd Cylinder - 3 x 8 GBP .....                            | 2     |
| 2    | C-2225   | Hyd Cylinder - 3 1/2 x 8 GBP .....                        | 2     |
| 3    | C-4372   | Oil Line - 5/8 x 37 1/2 Lg .....                          | 1     |
| 4    | C-4363   | Oil Line - 5/8 x 38 Lg .....                              | 2     |
| 5    | C-4366   | Oil Line - 5/8 x 74 Lg .....                              | 2     |
| 6    | C-4368   | Oil Line - 5/8 x 88 Lg .....                              | 1     |
| 7    | C-4590   | Hyd Hose - 1/2 x 16 Lg w/7/8-14 MJIC .....                | 2     |
| 8    | C-4468   | Hyd Hose - 1/2 x 24 Lg w/7/8-14 FJIC .....                | 1     |
| 9    | C-4388   | Hyd Hose - 1/2 x 48 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....  | 2     |
| 10   | C-4387   | Hyd Hose - 1/2 x 36 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....  | 1     |
| 11   | H-4410   | Hyd Hose - 1/2 x 94 Lg w/7/8-14 FJIC .....                | 2     |
| 12   | C-4390   | Hyd Hose - 1/2 x 96 Lg w/7/8-14 MJIC x 1/2 MNPT .....     | 2     |
| 13   | S22403   | Hyd Hose - 1/2 x 120 Lg w/7/8-14 MJIC x 7/8-14 FJIC ..... | 4     |
| 13A  | N17242   | Hyd Hose - 1/2 x 136 Lg w/7/8-14 MJIC x 7/8-14 FJIC ..... | 2     |
| 14   | C-4400   | 90 Elbow - 7/8 -14 MJIC x 1/2 MNPT .....                  | 1     |
| 15   | C-4402   | 45 Elbow - 7/8-14 MJIC x 1/2 MNPT .....                   | 4     |
| 16   | C-4396   | Tee - (2) 7/8-14 MJIC x (1) 1/2 MNPT .....                | 1     |
| 17   | H18746   | Tee - (2) 7/8-14 MJIC x (1) 7/8-14 FJIC .....             | 1     |
| 18   | C-4469   | Male Connector - 7/8-14 JIC .....                         | 1     |
| 19   | N27589   | Bracket - Coupler .....                                   | 1     |
| 20   | C14411   | Oil Line Bracket .....                                    | 5     |
| 21   | C-4698   | Oil Line Clamp .....                                      | 21    |
| 22   | N16257   | Spacer .....                                              | 1     |
| 23   | N19678   | Hex Bolt - 3/8 x 7 .....                                  | 1     |
| 24   | D-5249   | Hex Bolt - 3/8 x 3 1/4 .....                              | 7     |
| 25   | C-3918   | Hex Bolt - 3/8 x 5 .....                                  | 5     |
| 26   | W-523    | Lockwasher - 3/8 .....                                    | 6     |
| 27   | M-3388   | Locknut - 3/8 .....                                       | 7     |
| 28   | W-514    | Hex Nut - 3/8 .....                                       | 6     |
| 29   | S13336   | Plastic Tie Strap - 1/2 x 28 1/4 Lg .....                 | 6     |
| 29A  | D-4838   | Nylon Tie Strap - (Black) 14 1/2 Lg .....                 | 6     |
| 30   | C-817    | Pioneer Tips - 1/2 FNPT .....                             | 2     |
| 31   | S22747   | Hose Cover - Cut to 30" Length .....                      | 10 FT |
| 32   | S29958   | Tag - Hose ID - Depth Control - RAISE .....               | 1     |
| 33   | S29959   | Tag - Hose ID - Depth Control - LOWER .....               | 1     |
| 34   | C16457   | Adaptor - 3/4-16 ORB .....                                | 2     |
| 35   | C39519   | Restrictor Valve (FRF-08-156) .....                       | 1     |
| 36   | K21212   | Connector -1/2 MNPT .....                                 | 1     |
| 37   | W-1558   | SMV Bracket .....                                         | 1     |
| 38   | N34475   | SMV Sign .....                                            | 1     |
| 39   | N34643   | Spade Mount Bracket .....                                 | 1     |
| 40   | N22778   | Locknut - 1/4 Nylon Insert .....                          | 2     |
| 41   | K-3830   | Hex Bolt - 1/4 x 1/2 Lg .....                             | 2     |

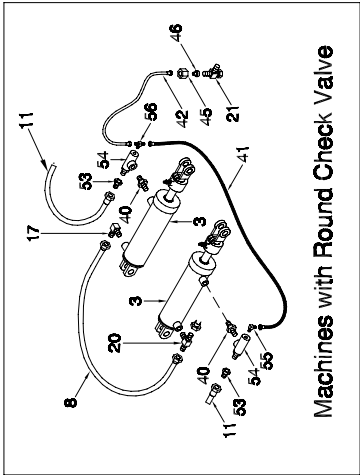
# Depth Control Hydraulics 39 ft Models - Prior to October 2006



## Depth Control Hydraulics - 39 ft Models - Prior to October 2006

| Item | Part No. | Description                                               | Qty   |
|------|----------|-----------------------------------------------------------|-------|
| 1    | C-2224   | Hyd Cylinder - 3 x 8 GBP .....                            | 2     |
| 2    | C-2225   | Hyd Cylinder - 3 1/2 x 8 GBP .....                        | 2     |
| 3    | C-4372   | Oil Line - 5/8 x 37 1/2 Lg .....                          | 1     |
| 4    | C-4363   | Oil Line - 5/8 x 38 Lg .....                              | 2     |
| 5    | C-4366   | Oil Line - 5/8 x 74 Lg .....                              | 2     |
| 6    | C-4368   | Oil Line - 5/8 x 88 Lg .....                              | 1     |
| 7    | C-4590   | Hyd Hose - 1/2 x 16 Lg w/7/8-14 MJIC .....                | 2     |
| 8    | C-4468   | Hyd Hose - 1/2 x 24 Lg w/7/8-14 FJIC .....                | 1     |
| 9    | C-4388   | Hyd Hose - 1/2 x 48 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....  | 2     |
| 10   | C-4387   | Hyd Hose - 1/2 x 36 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....  | 1     |
| 11   | H-4410   | Hyd Hose - 1/2 x 94 Lg w/7/8-14 FJIC .....                | 2     |
| 12   | C-4390   | Hyd Hose - 1/2 x 96 Lg w/7/8-14 MJIC x 1/2 MNPT .....     | 2     |
| 13   | S22403   | Hyd Hose - 1/2 x 120 Lg w/7/8-14 MJIC x 7/8-14 FJIC ..... | 4     |
| 14   | N17242   | Hyd Hose - 1/2 x 136 Lg w/7/8-14 MJIC x 7/8-14 FJIC ..... | 2     |
| 15   | C-4400   | 90 Elbow - 7/8 -14 MJIC x 1/2 MNPT .....                  | 1     |
| 16   | C-4402   | 45 Elbow - 7/8-14 MJIC x 1/2 MNPT .....                   | 4     |
| 17   | C-4396   | Tee - (2) 7/8-14 MJIC x (1) 1/2 MNPT .....                | 1     |
| 18   | H18746   | Tee - (2) 7/8-14 MJIC x (1) 7/8-14 FJIC .....             | 2     |
| 19   | C-4469   | Male Connector - 7/8-14 JIC .....                         | 1     |
| 20   | N27589   | Bracket - Coupler .....                                   | 1     |
| 21   | C14411   | Oil Line Bracket .....                                    | 5     |
| 22   | C-4698   | Oil Line Clamp .....                                      | 21    |
| 23   | N16257   | Spacer .....                                              | 1     |
| 24   | N19678   | Hex Bolt - 3/8 x 7 .....                                  | 1     |
| 25   | D-5249   | Hex Bolt - 3/8 x 3 1/4 .....                              | 7     |
| 26   | C-3918   | Hex Bolt - 3/8 x 5 .....                                  | 5     |
| 27   | W-523    | Lockwasher - 3/8 .....                                    | 6     |
| 28   | M-3388   | Locknut - 3/8 .....                                       | 7     |
| 29   | W-514    | Hex Nut - 3/8 .....                                       | 6     |
| 30   | S13336   | Plastic Tie Strap - 1/2 x 28 1/4 Lg .....                 | 6     |
| 30A  | D-4838   | Nylon Tie Strap - (Black) 14 1/2 Lg .....                 | 6     |
| 31   | C-817    | Pioneer Tips - 1/2 FNPT .....                             | 2     |
| 32   | S22747   | Hose Cover - Cut to 30" Length .....                      | 10 FT |
| 33   | S29958   | Tag - Hose ID - Depth Control - RAISE .....               | 1     |
| 34   | S29959   | Tag - Hose ID - Depth Control - LOWER .....               | 1     |
| 35   | C16457   | Adaptor - 3/4-16 ORB .....                                | 2     |
| 36   | C39519   | Restrictor Valve (FRF-08-156) .....                       | 1     |
| 37   | K21212   | Connector -1/2 MNPT .....                                 | 1     |
| 38   | C-4552   | Hyd Hose - 1/4 x 24 Lg w/9/16-18 FJIC .....               | 1     |
| 39   | C16652   | Hyd Hose - 1/4 x 60 Lg w/9/16-18 FJIC .....               | 1     |
| 40   | S34114   | Check Valve - Pilot Operated .....                        | 2     |
| 41   | C24585   | 90 Male Elbow - 7/8-14 MJIC x 3/4-16 ORB .....            | 2     |
| 42   | C-4391   | Nut - 5/8 JIC .....                                       | 1     |
| 43   | C-4392   | Reducer - 5/8 JIC x 3/8 JIC .....                         | 1     |
| 44   | S34115   | Adapter - 9/16-18 JIC x 7/16-20 ORB .....                 | 2     |
| 45   | S34116   | Adapter - 1/2 MNPT x 3/4-16 ORB .....                     | 2     |
| 46   | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC .....           | 1     |
| 47   | S29967   | 90 Elbow - 9/16-18 FJIC x 9/16 - 18 MJIC .....            | 1     |
| 48   | W-1558   | SMV Bracket .....                                         | 1     |
| 49   | C-4397   | Adapter 5/8 MJIC x 1/2 MNPT .....                         | 2     |
| 50   | C-4066   | Check Valve - Pilot Operated .....                        | 2     |
| 51   | F-3864   | 90 Elbow - 3/8-18 MJIC x 1/4 MNPT .....                   | 1     |
| 52   | C-4395   | Tee - (2) 3/8-18 MJIC x (1) 1/4 MNPT .....                | 1     |
| 53   | N34475   | SMV Sign .....                                            | 1     |
| 54   | N34643   | Spade Mount Bracket .....                                 | 1     |
| 55   | N22778   | Locknut - 1/4 Nylon Insert .....                          | 2     |
| 56   | K-3830   | Hex Bolt - 1/4 x 1/2 Lg .....                             | 2     |

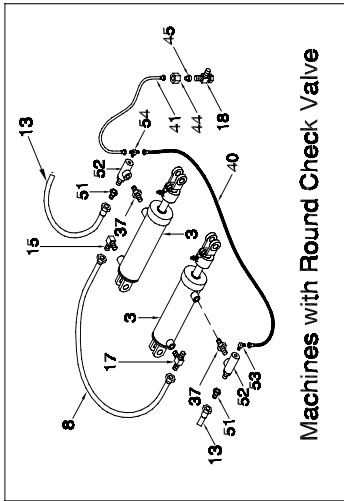
## Depth Control Hydraulics 49 ft Models



## Depth Control Hydraulics - 49 ft Models

| Item | Part No. | Description                                               | Qty   |
|------|----------|-----------------------------------------------------------|-------|
| 1    | C-2223   | Hyd Cylinder - 2 1/2 x 8 GBP .....                        | 2     |
| 2    | C-2224   | Hyd Cylinder - 3 x 8 GBP .....                            | 2     |
| 3    | C-2225   | Hyd Cylinder - 3 1/2 x 8 GBP .....                        | 2     |
| 4    | C-4372   | Oil Line - 5/8 x 37 1/2 Lg .....                          | 1     |
| 5    | C-4363   | Oil Line - 5/8 x 38 Lg .....                              | 2     |
| 6    | F-5426   | Oil Line - 5/8 x 112 Lg .....                             | 2     |
| 7    | C-4590   | Hyd Hose - 1/2 x 16 Lg w/7/8-14 MJIC .....                | 2     |
| 8    | C-4468   | Hyd Hose - 1/2 x 24 Lg w/7/8-14 FJIC .....                | 1     |
| 9    | C-4387   | Hyd Hose - 1/2 x 36 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....  | 1     |
| 10   | C14842   | Hyd Hose - 1/2 x 72 Lg w/7/8-14 FJIC x 1/2 MNPT .....     | 2     |
| 11   | H-4408   | Hyd Hose - 1/2 x 84 Lg w/7/8-14 FJIC .....                | 2     |
| 12   | F-5679   | Hyd Hose - 1/2 x 96 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....  | 2     |
| 13   | C-4390   | Hyd Hose - 1/2 x 96 Lg w/7/8-14 MJIC x 1/2 MNPT .....     | 2     |
| 14   | S22403   | Hyd Hose - 1/2 x 120 Lg w/7/8-14 MJIC x 7/8-14 FJIC ..... | 6     |
| 15   | N17242   | Hyd Hose - 1/2 x 132 Lg w/7/8-14 MJIC x 7/8-14 FJIC ..... | 1     |
| 16   | S22404   | Hyd Hose - 1/2 x 144 Lg w/7/8-14 MJIC x 7/8-14 FJIC ..... | 1     |
| 17   | C-4400   | 90 Elbow - 7/8-14 MJIC x 1/2 MNPT .....                   | 5     |
| 18   | F-3864   | 90 Elbow - 3/8-18 MJIC x 1/4 MNPT .....                   | 1     |
| 19   | C-4402   | 45 Elbow - 7/8-14 MJIC x 1/2 MNPT .....                   | 4     |
| 20   | C-4396   | Tee - (2) 7/8-14 MJIC x (1) 7/8-14 FJIC .....             | 1     |
| 21   | H18746   | Tee - (2) 7/8-14 MJIC x (1) 7/8-14 FJIC .....             | 1     |
| 22   | C-4469   | Male Connector - (2) 7/8-14 JIC .....                     | 1     |
| 23   | N27589   | Bracket - Coupler .....                                   | 1     |
| 24   | C14411   | Oil Line Bracket .....                                    | 5     |
| 25   | C-4698   | Oil Line Clamp .....                                      | 21    |
| 26   | N16257   | Spacer .....                                              | 1     |
| 27   | N19678   | Hex Bolt - 3/8 x 7 .....                                  | 1     |
| 28   | D-5249   | Hex Bolt - 3/8 x 3 1/4 .....                              | 7     |
| 29   | C-3918   | Hex Bolt - 3/8 x 5 .....                                  | 5     |
| 30   | W-523    | Lockwasher - 3/8 .....                                    | 6     |
| 31   | M-3388   | Locknut - 3/8 .....                                       | 7     |
| 32   | W-514    | Hex Nut - 3/8 .....                                       | 6     |
| 33   | D-4838   | Nylon Tie Strap - (Black) 14 1/2 Lg .....                 | 8     |
| 33A  | D-4951   | Nylon Tie Strap - 7 3/8 Lg .....                          | 2     |
| 33B  | S13336   | Plastic Tie Strap - 1/2 x 28 1/4 Lg .....                 | 8     |
| 34   | C-817    | Pioneer Tips - 1/2 FNPT .....                             | 2     |
| 35   | S22747   | Hose Cover - Cut to 30" Length .....                      | 20 FT |
| 36   | S29958   | Tag - Hose ID - Depth Control - RAISE .....               | 1     |
| 37   | S29959   | Tag - Hose ID - Depth Control - LOWER .....               | 1     |
| 38   | C16457   | Adaptor - 3/4-16 ORB .....                                | 2     |
| 39   | C39519   | Restrictor Valve (FRF-08-156) .....                       | 1     |
| 40   | K21212   | Connector - 1/2 MNPT .....                                | 1     |
| 41   | C-4552   | Hyd Hose - 1/4 x 24 Lg w/9/16-18 FJIC .....               | 1     |
| 42   | C16652   | Hyd Hose - 1/4 x 60 Lg w/9/16-18 FJIC .....               | 1     |
| 43   | S34114   | Check Valve - Pilot Operated .....                        | 2     |
| 44   | C24585   | 90 Male Elbow - 7/8-14 MJIC x 3/4-16 ORB .....            | 2     |
| 45   | C-4391   | Nut - 5/8 JIC .....                                       | 1     |
| 46   | C-4392   | Reducer - 5/8 JIC x 3/8 JIC .....                         | 1     |
| 47   | S34115   | Adapter - 9/16-18 JIC x 7/16-20 ORB .....                 | 2     |
| 48   | S34116   | Adapter - 1/2 MNPT x 3/4-16 ORB .....                     | 2     |
| 49   | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC .....           | 1     |
| 50   | S29967   | 90 Elbow - 9/16-18 FJIC x 9/16 - 18 MJIC .....            | 1     |
| 51   | C-4368   | Oil Line - 5/8 x 88 Lg .....                              | 1     |
| 52   | W-1558   | SMV Bracket (Tow Between Air Cart only) .....             | 1     |
| 53   | C-4397   | Adapter 5/8 MJIC x 1/2 MNPT .....                         | 2     |
| 54   | C-4066   | Check Valve - Pilot Operated .....                        | 2     |
| 55   | F-3864   | 90 Elbow - 3/8-18 MJIC x 1/4 MNPT .....                   | 1     |
| 56   | C-4395   | Tee - (2) 3/8-18 MJIC x (1) 1/4 MNPT .....                | 1     |
| 57   | N34475   | SMV Sign .....                                            | 1     |
| 58   | N34643   | Spade Mount Bracket .....                                 | 1     |
| 59   | N22778   | Locknut - 1/4 Nylon Insert .....                          | 2     |
| 60   | K-3830   | Hex Bolt - 1/4 x 1/2 Lg .....                             | 2     |

## Depth Control Hydraulics 55 ft & 60 ft Models



## Depth Control Hydraulics - 55 ft & 60 ft Models

| Item | Part No. | Description                                                             | Qty |
|------|----------|-------------------------------------------------------------------------|-----|
| 1    | C-2223   | Hyd Cylinder - 2 1/2 x 8 GBP .....                                      | 2   |
| 2    | C-2224   | Hyd Cylinder - 3 x 8 GBP .....                                          | 2   |
| 3    | C-2225   | Hyd Cylinder - 3 1/2 x 8 GBP .....                                      | 2   |
| 4    | C-4372   | Oil Line - 5/8 x 37 1/2 Lg .....                                        | 1   |
| 5    | C-4363   | Oil Line - 5/8 x 38 Lg .....                                            | 2   |
| 6    | F-5426   | Oil Line - 5/8 x 112 Lg .....                                           | 2   |
| 7    | C-4590   | Hyd Hose - 1/2 x 16 Lg w/7/8-14 MJIC .....                              | 2   |
| 8    | C-4468   | Hyd Hose - 1/2 x 24 Lg w/7/8-14 FJIC .....                              | 1   |
| 9    | C-4387   | Hyd Hose - 1/2 x 36 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....                | 1   |
| 10   | C-4390   | Hyd Hose - 1/2 x 96 Lg w/7/8-14 MJIC x 1/2 MNPT .....                   | 2   |
| 11   | S22403   | Hyd Hose - 1/2 x 120 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....               | 2   |
| 12   | C26343   | Hyd Hose - 1/2 x 162 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....               | 2   |
| 13   | S29841   | Hyd Hose - 1/2 x 222 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....               | 2   |
| 14   | S29840   | Hyd Hose - 1/2 x 288 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....               | 2   |
| 15   | C-4400   | 90 Elbow - 7/8-14 MJIC x 1/2 MNPT .....                                 | 3   |
| 16   | C-4402   | 45 Elbow - 7/8-14 MJIC x 1/2 MNPT .....                                 | 8   |
| 17   | C-4396   | Tee - (2) 7/8-14 MJIC x (1) 7/8-14 FJIC .....                           | 1   |
| 18   | H18746   | Tee - (2) 7/8-14 MJIC x (1) 7/8-14 FJIC .....                           | 1   |
| 19   | C-4469   | Male Connector - (2) 7/8-14 JIC .....                                   | 1   |
| 20   | N27589   | Bracket - Coupler .....                                                 | 1   |
| 21   | C14411   | Oil Line Bracket .....                                                  | 5   |
| 22   | C-4698   | Oil Line Clamp .....                                                    | 21  |
| 23   | N16257   | Spacer .....                                                            | 1   |
| 24   | N19678   | Hex Bolt - 3/8 x 7 .....                                                | 1   |
| 25   | D-5249   | Hex Bolt - 3/8 x 3 1/4 .....                                            | 7   |
| 26   | C-3918   | Hex Bolt - 3/8 x 5 .....                                                | 5   |
| 27   | W-523    | Lockwasher - 3/8 .....                                                  | 6   |
| 28   | M-3388   | Locknut - 3/8 .....                                                     | 7   |
| 29   | W-514    | Hex Nut - 3/8 .....                                                     | 6   |
| 30   | D-4838   | Nylon Tie Strap - (Black) 14 1/2 Lg .....                               | 15  |
| 30A  | D-4951   | Nylon Tie Strap - 7 3/8 Lg .....                                        | 6   |
| 30B  | S13336   | Plastic Tie Strap - 1/2 x 28 1/4 Lg .....                               | 15  |
| 31   | C-817    | Pioneer Tips - 1/2 FNPT .....                                           | 2   |
| 32   | S22747   | Hose Cover - Cut to 10" Length .....                                    | 2   |
| 33   | S29958   | Tag - Hose ID - Depth Control - RAISE .....                             | 1   |
| 34   | S29959   | Tag - Hose ID - Depth Control - LOWER .....                             | 1   |
| 35   | C16457   | Adaptor - 3/4-16 ORB .....                                              | 2   |
| 36   | C39519   | Restrictor Valve (FRF-08-156) .....                                     | 1   |
| 37   | K21212   | Connector -1/2 MNPT .....                                               | 1   |
| 38   | C-4365   | Oil Line - 5/8 x 60 Lg .....                                            | 1   |
| 39   | C-4385   | Hyd Hose - 1/2 x 24 Lg w/7/8-14 MJIC x 7/8-14 FJIC (For 60' Only) ..... | 4   |
| 40   | C-4552   | Hyd Hose - 1/4 x 24 Lg w/9/16-18 FJIC .....                             | 1   |
| 41   | C16652   | Hyd Hose - 1/4 x 60 Lg w/9/16-18 FJIC .....                             | 1   |
| 42   | S34114   | Check Valve - Pilot Operated .....                                      | 2   |
| 43   | C24585   | 90 Male Elbow - 7/8-14 MJIC x 3/4-16 ORB .....                          | 2   |
| 44   | C-4391   | Nut - 5/8 JIC .....                                                     | 1   |
| 45   | C-4392   | Reducer - 5/8 JIC x 3/8 JIC .....                                       | 1   |
| 46   | S34115   | Adapter - 9/16-18 JIC x 7/16-20 ORB .....                               | 2   |
| 47   | S34116   | Adapter - 1/2 MNPT x 3/4-16 ORB .....                                   | 2   |
| 48   | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC .....                         | 1   |
| 49   | S29967   | 90 Elbow - 9/16-18 FJIC x 9/16 - 18 MJIC .....                          | 1   |
| 50   | W-1558   | SMV Bracket .....                                                       | 1   |
| 51   | C-4397   | Adapter 5/8 MJIC x 1/2 MNPT .....                                       | 2   |
| 52   | C-4066   | Check Valve - Pilot Operated .....                                      | 2   |
| 53   | F-3864   | 90 Elbow - 3/8-18 MJIC x 1/4 MNPT .....                                 | 1   |
| 54   | C-4395   | Tee - (2) 3/8-18 MJIC x (1) 1/4 MNPT .....                              | 1   |
| 55   | N34475   | SMV Sign .....                                                          | 1   |
| 56   | N34643   | Spade Mount Bracket .....                                               | 1   |
| 57   | N22778   | Locknut - 1/4 Nylon Insert .....                                        | 2   |
| 58   | K-3830   | Hex Bolt - 1/4 x 1/2 Lg .....                                           | 2   |

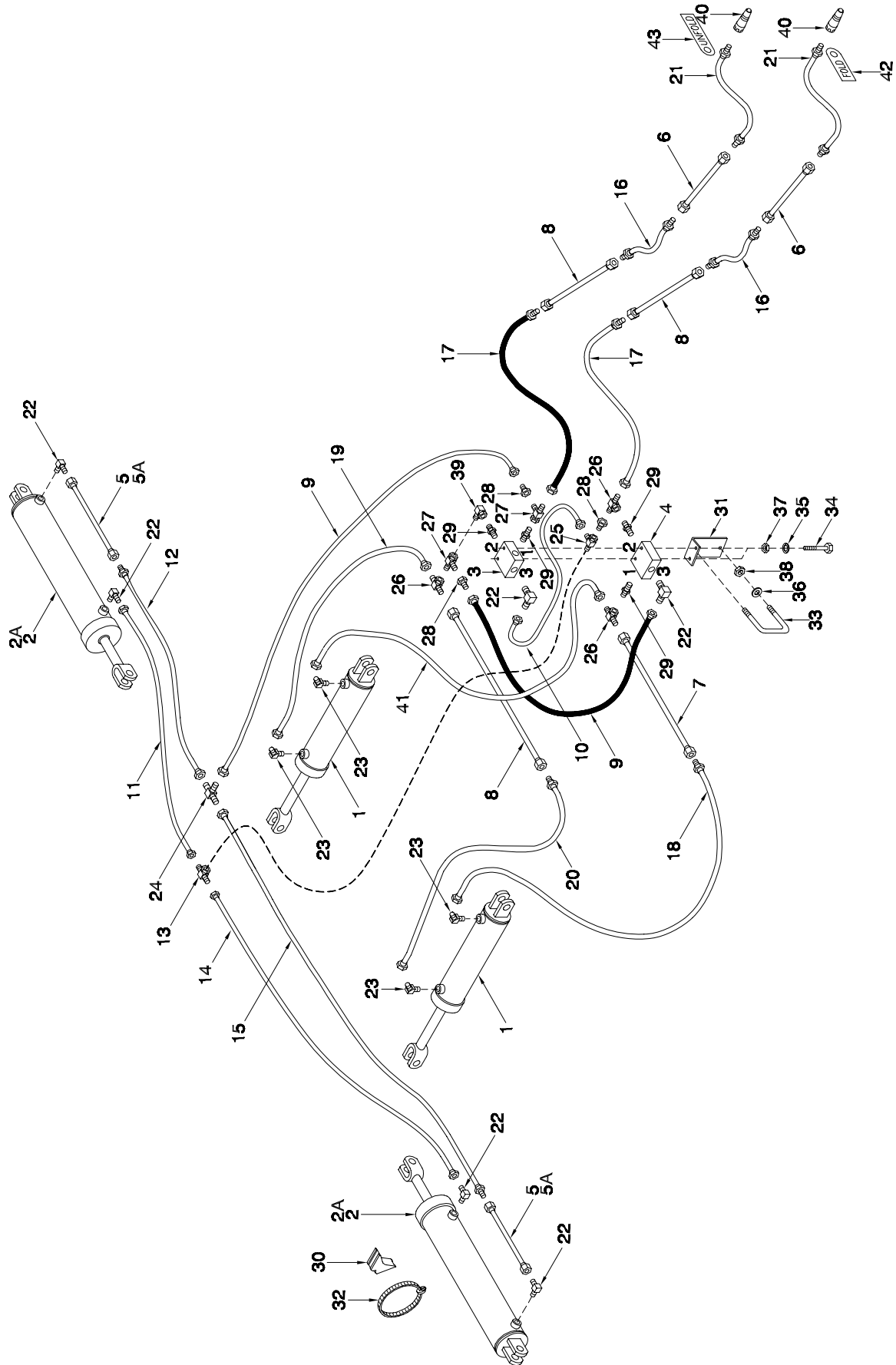


# Section 9: Wing Lift Hydraulics

## Section Contents

|                                           |     |
|-------------------------------------------|-----|
| 29 ft, 34 ft & 39 ft Models .....         | 9-2 |
| 49 ft Models - Prior to June 2002 .....   | 9-4 |
| 49 ft Models - June 2002 to Present ..... | 9-6 |
| 55 ft & 60 ft Models .....                | 9-8 |

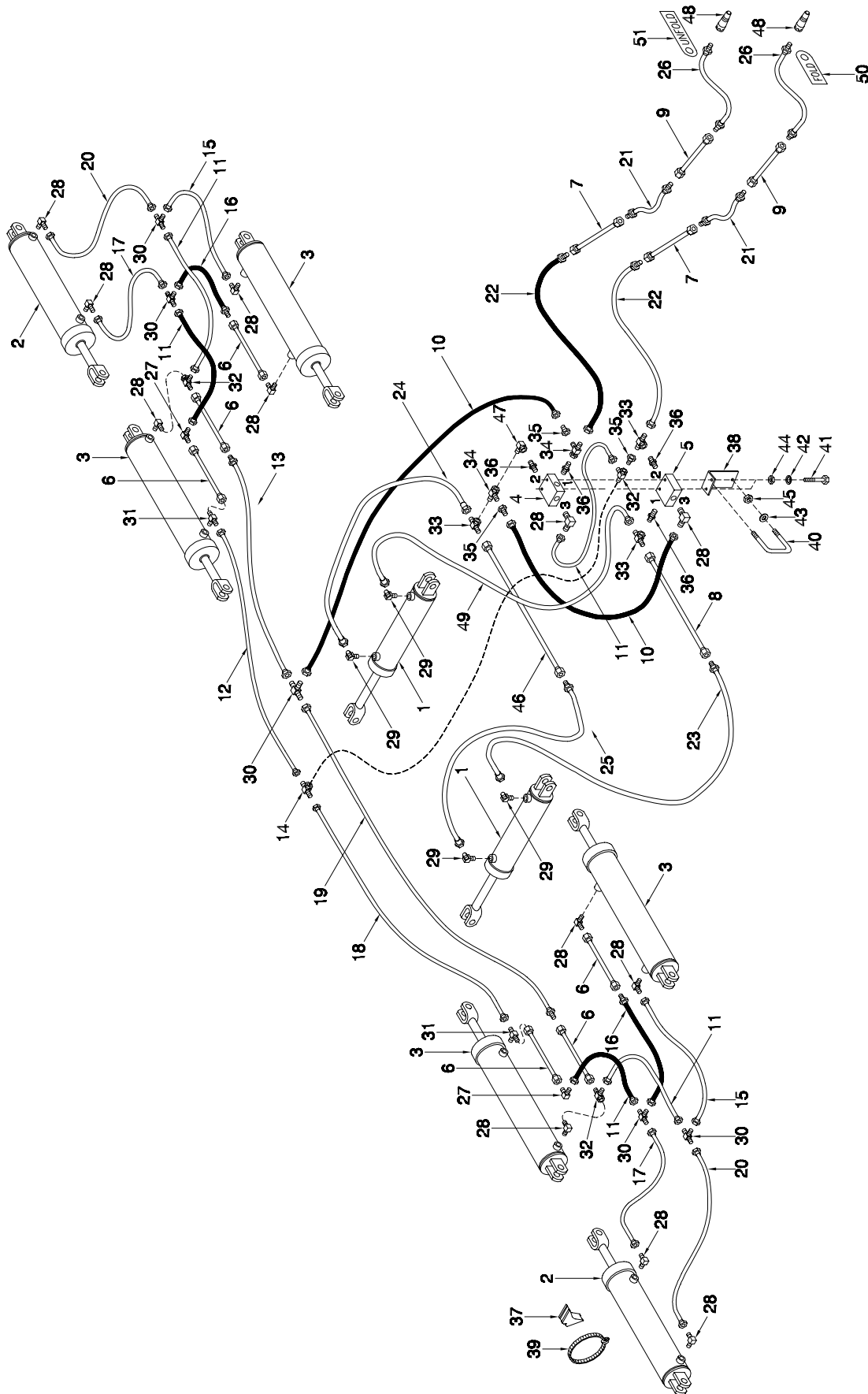
# Wing Lift Hydraulics 29 ft, 34 ft & 39 ft Models



## Wing Lift Hydraulics - 29 ft, 34 ft & 39 ft Models

| Item | Part No. | Description                                                 | No: Used |                  |
|------|----------|-------------------------------------------------------------|----------|------------------|
|      |          |                                                             | 29 ft    | 34 ft<br>& 39 ft |
| 1    | C22393   | Hyd Cylinder - 3 1/2 x 12 .....                             | 2        | 2                |
| 2    | C26436   | Hyd Cylinder - 4 x 18 .....                                 | 2        | -                |
| 2A   | C26303   | Hyd Cylinder - 4 1/2 x 30 .....                             | -        | 2                |
| 3    | S22073   | Sequence Valve .....                                        | 1        | 1                |
| 4    | S22074   | Counter Balance Valve .....                                 | 1        | 1                |
| 5    | C-4351   | Oil Line - 3/8 x 22 1/2 Lg .....                            | 2        | -                |
| 5A   | C-4352   | Oil Line - 3/8 x 28 Lg .....                                | -        | 2                |
| 6    | C-4363   | Oil Line - 5/8 x 38 Lg .....                                | 2        | 2                |
| 7    | C-4365   | Oil Line - 5/8 x 60 Lg .....                                | 1        | 1                |
| 8    | C-4366   | Oil Line - 5/8 x 74 Lg .....                                | 3        | 3                |
| 9    | C-4467   | Hyd Hose - 1/4 x 16 Lg w/9/16-18 FJIC .....                 | 2        | 2                |
| 10   | C-4552   | Hyd Hose - 1/4 x 24 Lg w/9/16-18 FJIC .....                 | 1        | 1                |
| 11   | H18267   | Hyd Hose - 1/4 x 96 Lg w/9/16-18 FJIC .....                 | 1        | 1                |
| 12   | W21963   | Hyd Hose - 1/4 x 96 Lg w/9/16-18 MJIC x 9/16-18 FJIC .....  | 1        | 1                |
| 13   | C14901   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC .....             | 1        | 1                |
| 14   | S33495   | Hyd Hose - 1/4 x 160 Lg w/9/16-18 FJIC .....                | 1        | 1                |
| 15   | S33494   | Hyd Hose - 1/4 x 160 Lg w/9/16-18 MJIC x 9/16-18 FJIC ..... | 1        | 1                |
| 16   | C-4590   | Hyd Hose - 1/2 x 16 Lg w/7/8-14 MJIC .....                  | 2        | 2                |
| 17   | S22403   | Hyd Hose - 1/2 x 120 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....   | 2        | 2                |
| 18   | C-4388   | Hyd Hose - 1/2 x 48 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....    | 1        | 1                |
| 19   | C-4404   | Hyd Hose - 1/2 x 36 Lg w/7/8-14 FJIC .....                  | 1        | 1                |
| 20   | C-4387   | Hyd Hose - 1/2 x 36 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....    | 1        | 1                |
| 21   | C-4390   | Hyd Hose - 1/2 x 96 Lg w/7/8-14 MJIC x 1/2 MNPT .....       | 2        | 2                |
| 22   | N16143   | 90 Elbow - 9/16-18 MJIC x 9/16-18 ORB .....                 | 6        | 6                |
| 23   | C-4402   | 45 Elbow - 7/8-14 MJIC x 1/2 MNPT .....                     | 4        | 4                |
| 24   | C-4393   | Tee - (3) 9/16-18 MJIC .....                                | 1        | 1                |
| 25   | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC .....             | 1        | 1                |
| 26   | F24559   | Tee - (2) 7/8-14 MJIC x (1) 7/8-14 FJIC .....               | 3        | 3                |
| 27   | H18746   | Tee - (2) 7/8-14 MJIC x (1) 7/8-14 FJIC .....               | 2        | 2                |
| 28   | F10384   | Reducer - 7/8-14 FJIC x 9/16-18 MJIC .....                  | 3        | 3                |
| 29   | C14840   | Strait Adapter - 7/8-14 MJIC x 3/4-16 ORB .....             | 4        | 4                |
| 30   | C-5785   | Oil Line Bracket .....                                      | 2        | 2                |
| 31   | S22190   | Valve Mounting Bracket .....                                | 1        | 1                |
| 32   | C10179   | Hose Clamp .....                                            | 2        | 2                |
| 33   | N15098   | U-Bolt - 3/8 x 4 3/8 x 5 .....                              | 1        | 1                |
| 34   | N12882   | Hex Bolt - 1/4 x 3 1/2 .....                                | 2        | 2                |
| 35   | W-521    | Lockwasher - 1/4 .....                                      | 2        | 2                |
| 36   | W-523    | Lockwasher - 3/8 .....                                      | 2        | 2                |
| 37   | W-512    | Hex Nut - 1/4 .....                                         | 2        | 2                |
| 38   | W-514    | Hex Nut - 3/8 .....                                         | 2        | 2                |
| 39   | K-5806   | 90 Elbow - 7/8-14 MJIC x 7/8-14 FJIC .....                  | 1        | 1                |
| 40   | C-817    | Pioneer Tips - 1/2 FNPT .....                               | 2        | 2                |
| 41   | K-5685   | Hyd Hose - 1/2 x 48 Lg w/7/8-14 FJIC .....                  | 1        | 1                |
| 42   | S29960   | Tag - Hose ID - Wing Lift - FOLD .....                      | 1        | 1                |
| 43   | S29961   | Tag - Hose ID - Wing Liftl - UNFOLD .....                   | 1        | 1                |

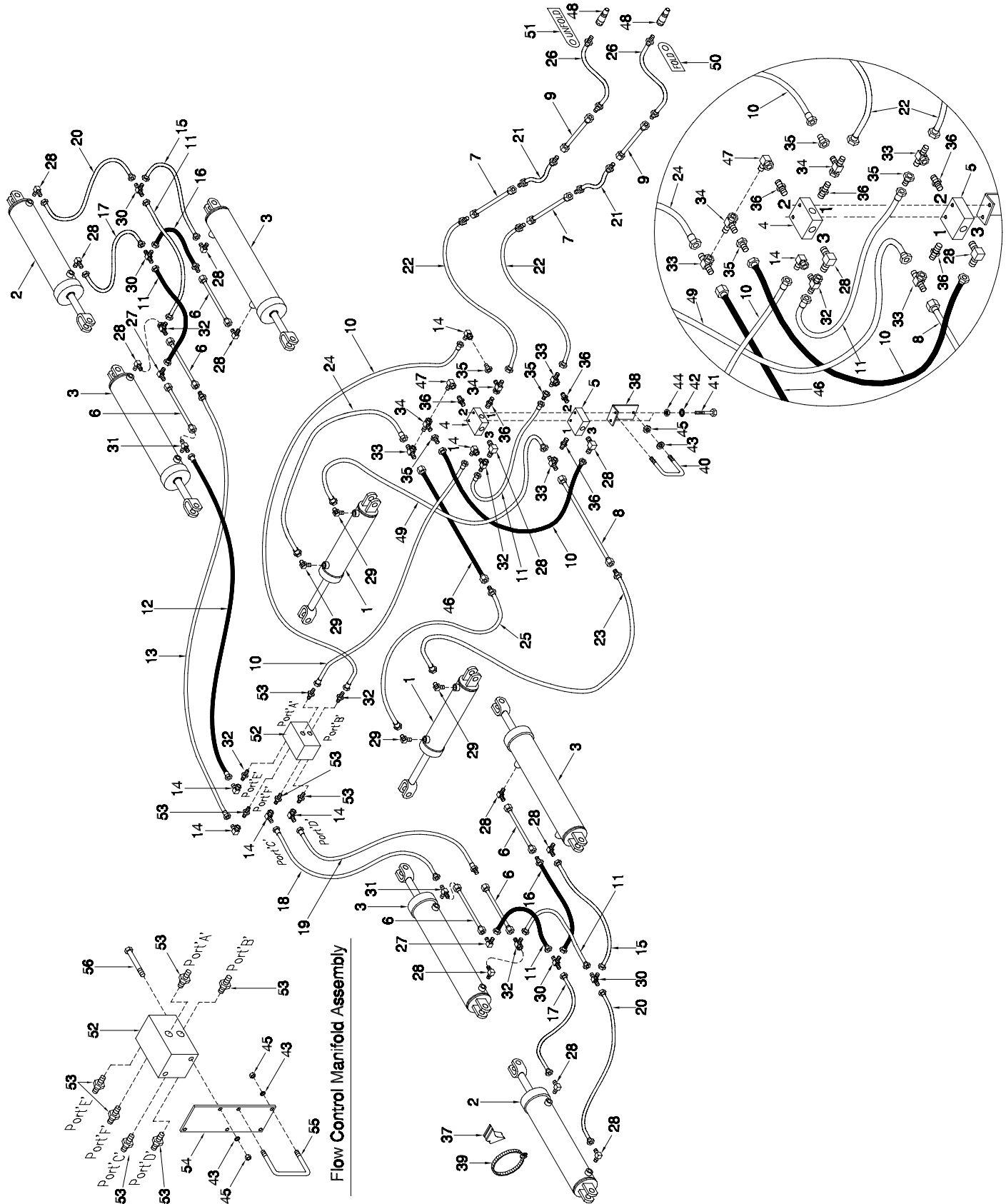
# Wing Lift Hydraulics 49 ft Models - Prior to June 2002



## Wing Lift Hydraulics -49 ft Models

| Item | Part No. | Description                                                 | Qty |
|------|----------|-------------------------------------------------------------|-----|
| 1    | C22393   | Hyd Cylinder - 3 1/2 x 12 .....                             | 2   |
| 2    | C26436   | Hyd Cylinder - 4 x 18 .....                                 | 2   |
| 3    | C26303   | Hyd Cylinder - 4 1/2 x 30 .....                             | 4   |
| 4    | S22073   | Sequence Valve .....                                        | 1   |
| 5    | S22074   | Counter Balance Valve .....                                 | 1   |
| 6    | C-4352   | Oil Line - 3/8 x 28 Lg .....                                | 6   |
| 7    | C-4363   | Oil Line - 5/8 x 38 Lg .....                                | 2   |
| 8    | C-4365   | Oil Line - 5/8 x 60 Lg .....                                | 1   |
| 9    | F-5426   | Oil Line - 5/8 x 112 Lg .....                               | 2   |
| 10   | C-4467   | Hyd Hose - 1/4 x 16 Lg w/9/16-18 FJIC .....                 | 2   |
| 11   | C-4552   | Hyd Hose - 1/4 x 24 Lg w/9/16-18 FJIC .....                 | 5   |
| 12   | H18267   | Hyd Hose - 1/4 x 96 Lg w/9/16-18 FJIC .....                 | 1   |
| 13   | W21963   | Hyd Hose - 1/4 x 96 Lg w/9/16-18 MJIC x 9/16-18 FJIC .....  | 1   |
| 14   | C14901   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC .....             | 1   |
| 15   | S22406   | Hyd Hose - 1/4 x 72 Lg w/9/16-18 FJIC .....                 | 2   |
| 16   | S22407   | Hyd Hose - 1/4 x 72 Lg w/9/16-18 MJIC x 9/16-18 FJIC .....  | 2   |
| 17   | H18266   | Hyd Hose - 1/4 x 80 Lg w/9/16-18 FJIC .....                 | 2   |
| 18   | S33495   | Hyd Hose - 1/4 x 160 Lg w/9/16-18 FJIC .....                | 1   |
| 19   | S33494   | Hyd Hose - 1/4 x 160 Lg w/9/16-18 MJIC x 9/16-18 FJIC ..... | 1   |
| 20   | W21962   | Hyd Hose - 1/4 x 108 Lg w/9/16-18 FJIC .....                | 2   |
| 21   | C-4590   | Hyd Hose - 1/2 x 16 Lg w/7/8-14 MJIC .....                  | 2   |
| 22   | S22403   | Hyd Hose - 1/2 x 120 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....   | 2   |
| 23   | C-4388   | Hyd Hose - 1/2 x 48 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....    | 1   |
| 24   | C-4404   | Hyd Hose - 1/2 x 36 Lg w/7/8-14 FJIC .....                  | 1   |
| 25   | C-4387   | Hyd Hose - 1/2 x 36 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....    | 1   |
| 26   | C-4390   | Hyd Hose - 1/2 x 96 Lg w/7/8-14 MJIC x 1/2 MNPT .....       | 2   |
| 27   | F-3867   | 90 Elbow - 9/16-18 MJIC .....                               | 2   |
| 28   | N16143   | 90 Elbow - 9/16-18 MJIC x 9/16-18 ORB .....                 | 12  |
| 29   | C-4402   | 45 Elbow - 7/8-14 MJIC x 1/2 MNPT .....                     | 4   |
| 30   | C-4393   | Tee - (3) 9/16-18 MJIC .....                                | 5   |
| 31   | N31908   | Tee - (2) 9/16-18 MJIC x (1) 1/4 ORB .....                  | 2   |
| 32   | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC .....             | 3   |
| 33   | F24559   | Tee - (2) 7/8-14 MJIC x (1) 7/8-14 FJIC .....               | 3   |
| 34   | H18746   | Tee - (2) 7/8-14 MJIC x (1) 7/8-14 FJIC .....               | 2   |
| 35   | F10384   | Reducer - 7/8-14 MJIC x 9/16-18 MJIC .....                  | 3   |
| 36   | C14840   | Strait Adapter - 7/8-14 MJIC x 3/4-16 ORB .....             | 4   |
| 37   | C-5785   | Oil Line Bracket .....                                      | 6   |
| 38   | S22190   | Valve Mounting Bracket .....                                | 1   |
| 39   | C10179   | Hose Clamp .....                                            | 6   |
| 40   | N15098   | U-Bolt - 3/8 x 4 3/8 x 5 .....                              | 1   |
| 41   | N12882   | Hex Bolt - 1/4 x 3 1/2 .....                                | 2   |
| 42   | W-521    | Lockwasher - 1/4 .....                                      | 2   |
| 43   | W-523    | Lockwasher - 3/8 .....                                      | 2   |
| 44   | W-512    | Hex Nut - 1/4 .....                                         | 2   |
| 45   | W-514    | Hex Nut - 3/8 .....                                         | 2   |
| 46   | C-4366   | Oil Line - 5/8 x 74 Lg .....                                | 1   |
| 47   | K-5806   | 90 Elbow - 7/8-14 MJIC x 7/8-14 FJIC .....                  | 1   |
| 48   | C-817    | Pioneer Tips - 1/2 FNPT .....                               | 2   |
| 49   | K-5685   | Hyd Hose - 1/2 x 48 Lg w/7/8-14 FJIC .....                  | 1   |
| 50   | S29960   | Tag - Hose ID - Wing Lift - FOLD .....                      | 1   |
| 51   | S29961   | Tag - Hose ID - Wing Lift - UNFOLD .....                    | 1   |

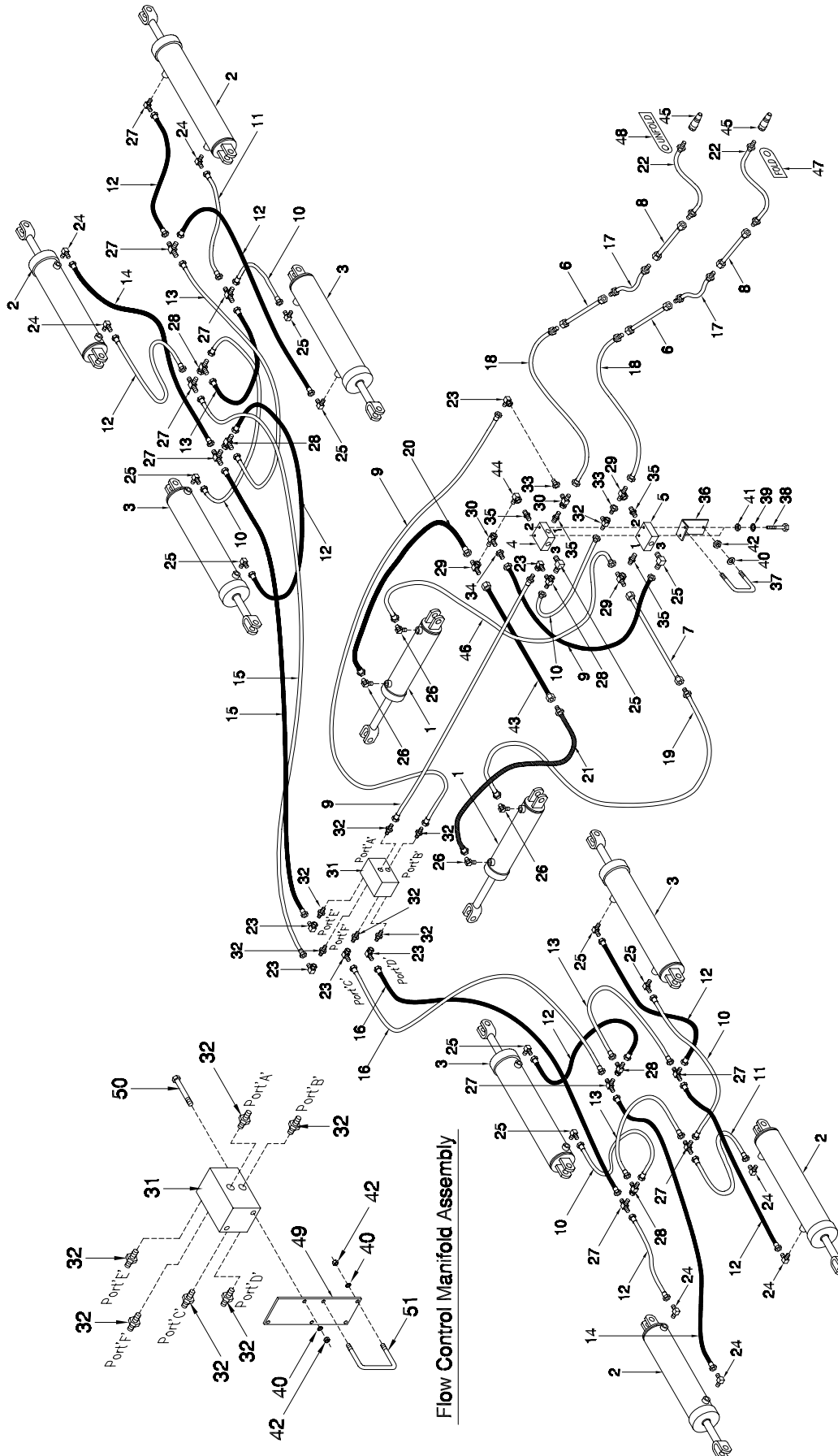
# Wing Lift Hydraulics 49 ft Models - June 2002 to Present



## Wing Lift Hydraulics -49 ft Models

| Item | Part No. | Description                                                 | Qty |
|------|----------|-------------------------------------------------------------|-----|
| 1    | C22393   | Hyd Cylinder - 3 1/2 x 12 .....                             | 2   |
| 2    | C26436   | Hyd Cylinder - 4 x 18 .....                                 | 2   |
| 3    | C26303   | Hyd Cylinder - 4 1/2 x 30 .....                             | 4   |
| 4    | S22073   | Sequence Valve .....                                        | 1   |
| 5    | S22074   | Counter Balance Valve .....                                 | 1   |
| 6    | C-4352   | Oil Line - 3/8 x 28 Lg .....                                | 6   |
| 7    | C-4363   | Oil Line - 5/8 x 38 Lg .....                                | 2   |
| 8    | C-4365   | Oil Line - 5/8 x 60 Lg .....                                | 1   |
| 9    | F-5426   | Oil Line - 5/8 x 112 Lg .....                               | 2   |
| 10   | C-4467   | Hyd Hose - 1/4 x 16 Lg w/9/16-18 FJIC .....                 | 3   |
| 11   | C-4552   | Hyd Hose - 1/4 x 24 Lg w/9/16-18 FJIC .....                 | 5   |
| 12   | H18267   | Hyd Hose - 1/4 x 96 Lg w/9/16-18 FJIC .....                 | 1   |
| 13   | W21963   | Hyd Hose - 1/4 x 96 Lg w/9/16-18 MJIC x 9/16-18 FJIC .....  | 1   |
| 14   | S29967   | 90 Elbow - 9/16-18 FJIC x 9/16-18 MJIC .....                | 6   |
| 15   | S22406   | Hyd Hose - 1/4 x 72 Lg w/9/16-18 FJIC .....                 | 2   |
| 16   | S22407   | Hyd Hose - 1/4 x 72 Lg w/9/16-18 MJIC x 9/16-18 FJIC .....  | 2   |
| 17   | H18266   | Hyd Hose - 1/4 x 80 Lg w/9/16-18 FJIC .....                 | 2   |
| 18   | S33495   | Hyd Hose - 1/4 x 160 Lg w/9/16-18 FJIC .....                | 1   |
| 19   | S33494   | Hyd Hose - 1/4 x 160 Lg w/9/16-18 MJIC x 9/16-18 FJIC ..... | 1   |
| 20   | W21962   | Hyd Hose - 1/4 x 108 Lg w/9/16-18 FJIC .....                | 2   |
| 21   | C-4590   | Hyd Hose - 1/2 x 16 Lg w/7/8-14 MJIC .....                  | 2   |
| 22   | S22403   | Hyd Hose - 1/2 x 120 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....   | 2   |
| 23   | C-4388   | Hyd Hose - 1/2 x 48 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....    | 1   |
| 24   | C-4404   | Hyd Hose - 1/2 x 36 Lg w/7/8-14 FJIC .....                  | 1   |
| 25   | C-4387   | Hyd Hose - 1/2 x 36 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....    | 1   |
| 26   | C-4390   | Hyd Hose - 1/2 x 96 Lg w/7/8-14 MJIC x 1/2 MNPT .....       | 2   |
| 27   | F-3867   | 90 Elbow - 9/16-18 MJIC .....                               | 2   |
| 28   | N16143   | 90 Elbow - 9/16-18 MJIC x 9/16-18 ORB .....                 | 12  |
| 29   | C-4402   | 45 Elbow - 7/8-14 MJIC x 1/2 MNPT .....                     | 4   |
| 30   | C-4393   | Tee - (3) 9/16-18 MJIC .....                                | 4   |
| 31   | N31908   | Tee - (2) 9/16-18 MJIC x (1) 1/4 ORB .....                  | 2   |
| 32   | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC .....             | 3   |
| 33   | F24559   | Tee - (2) 7/8-14 MJIC x (1) 7/8-14 FJIC .....               | 3   |
| 34   | H18746   | Tee - (2) 7/8-14 MJIC x (1) 7/8-14 FJIC .....               | 2   |
| 35   | F10384   | Reducer - 7/8-14 MJIC x 9/16-18 MJIC .....                  | 3   |
| 36   | C14840   | Strait Adapter - 7/8-14 MJIC x 3/4-16 ORB .....             | 4   |
| 37   | C-5785   | Oil Line Bracket .....                                      | 6   |
| 38   | S22190   | Valve Mounting Bracket .....                                | 1   |
| 39   | C10179   | Hose Clamp .....                                            | 6   |
| 40   | N15098   | U-Bolt - 3/8 x 4 3/8 x 5 .....                              | 1   |
| 41   | N12882   | Hex Bolt - 1/4 x 3 1/2 .....                                | 2   |
| 42   | W-521    | Lockwasher - 1/4 .....                                      | 2   |
| 43   | W-523    | Lockwasher - 3/8 .....                                      | 8   |
| 44   | W-512    | Hex Nut - 1/4 .....                                         | 2   |
| 45   | W-514    | Hex Nut - 3/8 .....                                         | 8   |
| 46   | C-4366   | Oil Line - 5/8 x 74 Lg .....                                | 1   |
| 47   | K-5806   | 90 Elbow - 7/8-14 MJIC x 7/8-14 FJIC .....                  | 1   |
| 48   | C-817    | Pioneer Tips - 1/2 FNPT .....                               | 2   |
| 49   | K-5685   | Hyd Hose - 1/2 x 48 Lg w/7/8-14 FJIC .....                  | 1   |
| 50   | S29960   | Tag - Hose ID - Wing Liftl - FOLD .....                     | 1   |
| 51   | S29961   | Tag - Hose ID - Wing Liftl - UNFOLD .....                   | 1   |
| 52   | C26876   | Manifold Pressure Compensated Flow Control Valve .....      | 1   |
| 53   | C15348   | Connector - 1/2 MORB x 3/8 MJIC .....                       | 6   |
| 54   | S29929   | Bracket - Valve Mounting .....                              | 1   |
| 55   | D-4932   | U-Bolt - 3/8 x 4 1/2 x 3 .....                              | 2   |
| 56   | C-3918   | Hex Bolt - 3/8 x 5 .....                                    | 2   |

# Wing Lift Hydraulics 55 ft & 60 ft Models



## Wing Lift Hydraulics - 55 ft & 60 ft Models

| Item | Part No. | Description                                               | Qty |
|------|----------|-----------------------------------------------------------|-----|
| 1    | C22393   | Hyd Cylinder - 3 1/2 x 12 .....                           | 2   |
| 2    | C-2146   | Hyd Cylinder - 4 x 24 (For 55' only) .....                | 4   |
| 2A   | C-2145   | Hyd Cylinder - 4 1/2 x 24 (For 60' only) .....            | 4   |
| 3    | C26303   | Hyd Cylinder - 4 1/2 x 30 .....                           | 4   |
| 4    | S22073   | Sequence Valve .....                                      | 1   |
| 5    | S22074   | Counter Balance Valve .....                               | 1   |
| 6    | C-4363   | Oil Line - 5/8 x 38 Lg .....                              | 2   |
| 7    | C-4365   | Oil Line - 5/8 x 60 Lg .....                              | 1   |
| 8    | F-5426   | Oil Line - 5/8 x 112 Lg .....                             | 2   |
| 9    | C-4467   | Hyd Hose - 1/4 x 16 Lg w/9/16-18 FJIC .....               | 3   |
| 10   | C-4552   | Hyd Hose - 1/4 x 24 Lg w/9/16-18 FJIC .....               | 5   |
| 11   | D17843   | Hyd Hose - 1/4 x 40 Lg w/9/16-18 FJIC .....               | 2   |
| 12   | C16652   | Hyd Hose - 1/4 x 60 Lg w/9/16-18 FJIC .....               | 8   |
| 13   | S22406   | Hyd Hose - 1/4 x 72 Lg w/9/16-18 FJIC .....               | 4   |
| 14   | H18266   | Hyd Hose - 1/4 x 80 Lg w/9/16-18 FJIC .....               | 2   |
| 15   | C26339   | Hyd Hose - 1/4 x 120 Lg w/9/16-18 FJIC .....              | 2   |
| 16   | F14658   | Hyd Hose - 1/4 x 150 Lg w/9/16-18 FJIC .....              | 2   |
| 17   | C-4590   | Hyd Hose - 1/2 x 16 Lg w/7/8-14 MJIC .....                | 2   |
| 18   | S22403   | Hyd Hose - 1/2 x 120 Lg w/7/8-14 MJIC x 7/8-14 FJIC ..... | 2   |
| 19   | C-4388   | Hyd Hose - 1/2 x 48 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....  | 1   |
| 20   | C-4404   | Hyd Hose - 1/2 x 36 Lg w/7/8-14 FJIC .....                | 1   |
| 21   | C-4387   | Hyd Hose - 1/2 x 36 Lg w/7/8-14 MJIC x 7/8-14 FJIC .....  | 1   |
| 22   | C-4390   | Hyd Hose - 1/2 x 96 Lg w/7/8-14 MJIC x 1/2 MNPT .....     | 2   |
| 23   | S29967   | 90 Elbow - 9/16-18 FJIC x 9/16 - 18 MJIC .....            | 6   |
| 24   | F-3864   | 90 Elbow - 9/16-18 MJIC x 1/4 MNPT .....                  | 8   |
| 25   | N16143   | 90 Elbow - 9/16-18 MJIC x 9/16-18 ORB .....               | 10  |
| 26   | C-4402   | 45 Elbow - 7/8-14 MJIC x 1/2 MNPT .....                   | 4   |
| 27   | C-4393   | Tee - (3) 9/16-18 MJIC .....                              | 8   |
| 28   | C-4403   | Tee - (2) 9/16-18 MJIC x (1) 9/16-18 FJIC .....           | 5   |
| 29   | F24559   | Tee - (2) 7/8-14 MJIC x (1) 7/8-14 FJIC .....             | 3   |
| 30   | H18746   | Tee - (2) 7/8-14 MJIC x (1) 7/8-14 FJIC .....             | 2   |
| 31   | C26876   | Manifold Pressure Compensated Flow Control .....          | 1   |
| 32   | C15348   | Connector - 1/2 MORB x 3/8 MJIC .....                     | 6   |
| 33   | C-4392   | Reducer - 5/8 x 3/8 JIC .....                             | 2   |
| 34   | F10384   | Reducer - 7/8-14 MJIC x 9/16-18 MJIC .....                | 1   |
| 35   | C14840   | Strait Adapter - 7/8-14 MJIC x 3/4-16 ORB .....           | 4   |
| 36   | S22190   | Valve Mounting Bracket .....                              | 1   |
| 37   | N15098   | U-Bolt - 3/8 x 4 3/8 x 5 .....                            | 1   |
| 38   | N12882   | Hex Bolt - 1/4 x 3 1/2 .....                              | 2   |
| 39   | W-521    | Lockwasher - 1/4 .....                                    | 2   |
| 40   | W-523    | Lockwasher - 3/8 .....                                    | 8   |
| 41   | W-512    | Hex Nut - 1/4 .....                                       | 2   |
| 42   | W-514    | Hex Nut - 3/8 .....                                       | 8   |
| 43   | C-4366   | Oil Line - 5/8 x 74 Lg .....                              | 1   |
| 44   | K-5806   | 90 Elbow - 7/8-14 MJIC x 7/8-14 FJIC .....                | 1   |
| 45   | C-817    | Pioneer Tips - 1/2 FNPT .....                             | 2   |
| 46   | K-5685   | Hyd Hose - 1/2 x 48 Lg w/7/8-14 FJIC .....                | 1   |
| 47   | S29960   | Tag - Hose ID - Wing Lift - FOLD .....                    | 1   |
| 48   | S29961   | Tag - Hose ID - Wing Lift - UNFOLD .....                  | 1   |
| 49   | S29929   | Valve Mounting Plate .....                                | 1   |
| 50   | C-3918   | Hex Bolt - 3/8 x 5 .....                                  | 2   |
| 51   | D-4932   | U-Bolt - 3/8 x 4 1/2 x 3 .....                            | 2   |

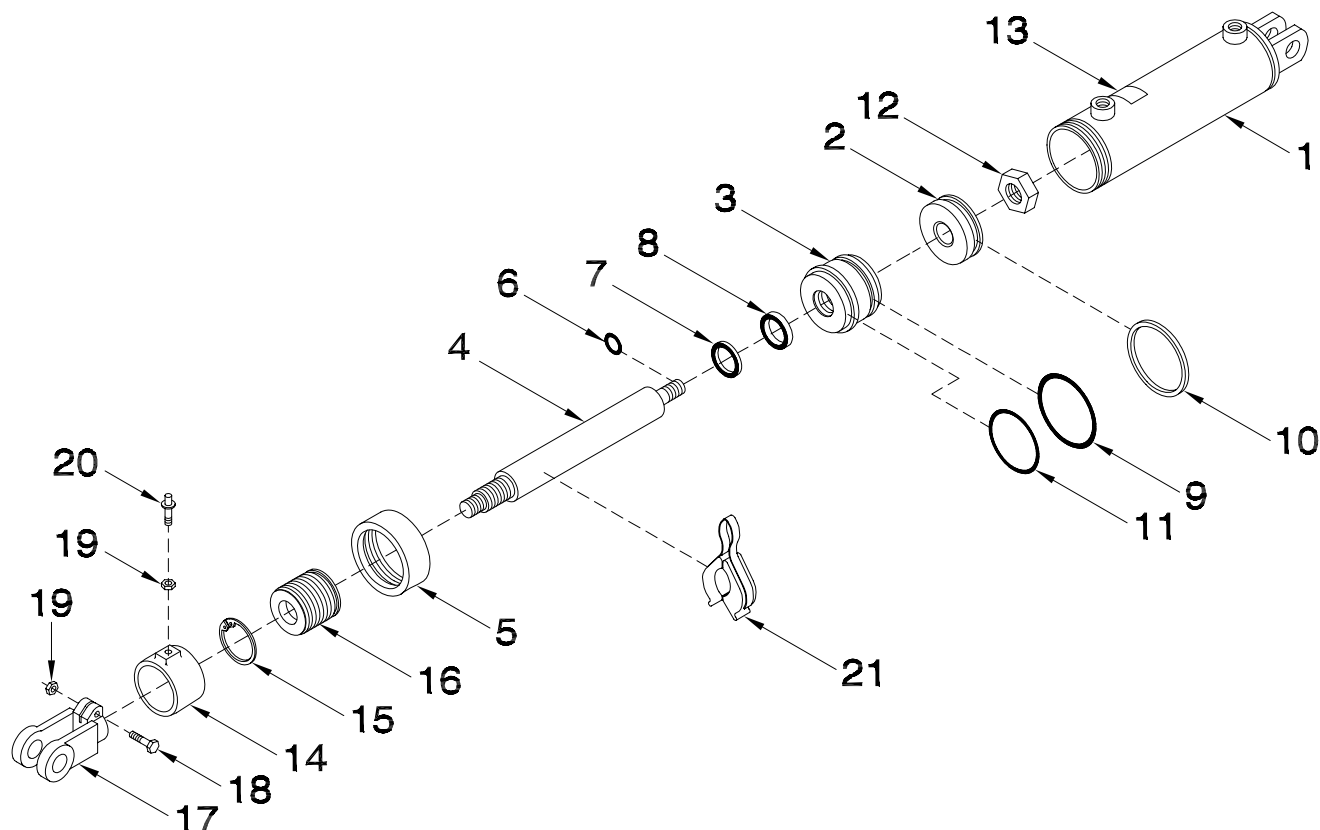


# Section 10: Hydraulic Cylinders

## Section Contents

|                     |      |
|---------------------|------|
| Depth Control ..... | 10-2 |
| Wing Lift .....     | 10-4 |

## Hydraulic Cylinders Depth Control

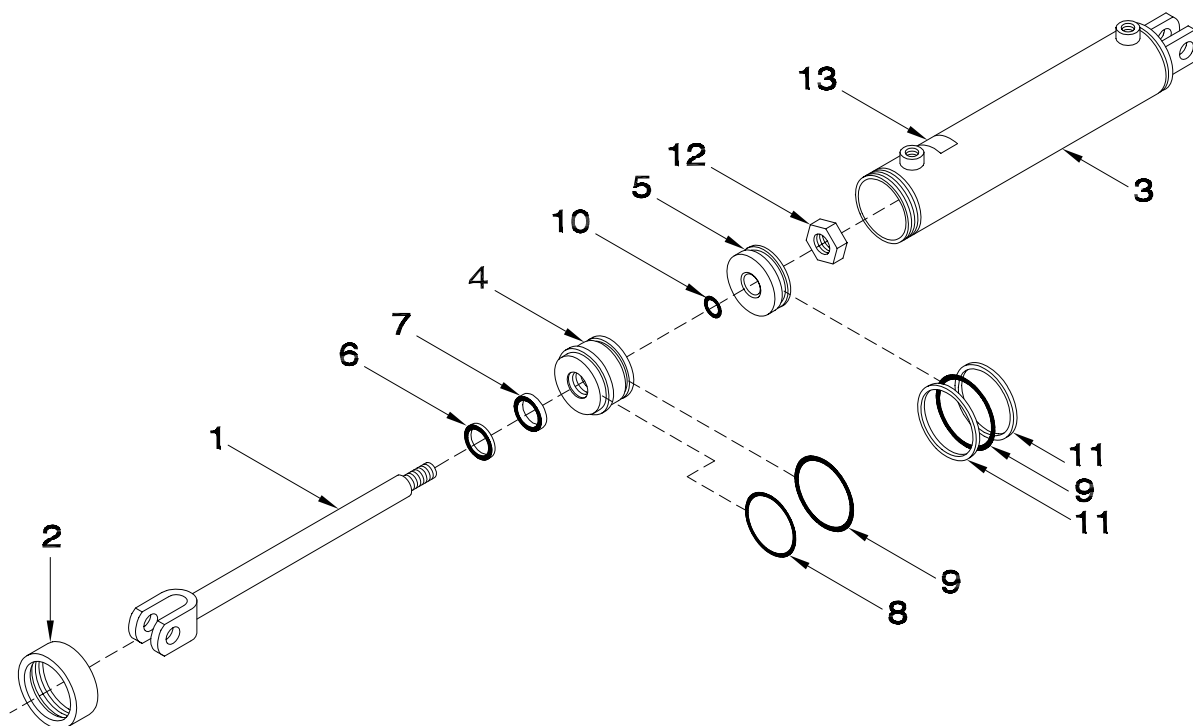


| Item | Part No. | Description                                                 | Qty |
|------|----------|-------------------------------------------------------------|-----|
|      |          | <b>Depth Control Cylinder - C-2223 - 2 1/2" x 8"</b>        |     |
| 1    | C-2229   | Barrel .....                                                | 1   |
| 2    | C-2077   | Piston .....                                                | 1   |
| 3    | C-2075   | Gland .....                                                 | 1   |
| 4    | C-2228   | Shaft - 1 1/2" .....                                        | 1   |
| 5    | C-2073   | Collar .....                                                | 1   |
| 6    | C-2187   | Shaft Static Seal .....                                     | 1   |
| 7    | C-2072   | Shaft Wiper .....                                           | 1   |
| 8    | C-2071   | Shaft Seal .....                                            | 1   |
| 9    | C-2074   | Gland Static Seal .....                                     | 1   |
| 10   | C-2078   | Piston Seal .....                                           | 1   |
| 11   | C-2213   | Gland Collar O-Ring .....                                   | 1   |
| 12   | C-2017   | Shaft Nut - 7/8" .....                                      | 1   |
| 13   | C-2235   | Part No Plate .....                                         | 1   |
| 14   | C22361   | Outer Stroke Control Sleeve .....                           | 1   |
| 15   | C10466   | Snap Ring .....                                             | 1   |
| 16   | C-2004   | Inner Stroke Control Sleeve .....                           | 1   |
| 17   | C-2003   | Shaft Clevis .....                                          | 1   |
| 18   | W-477    | Hex Head Bolt - 3/8 X 1 1/2 .....                           | 1   |
| 19   | W-514    | Hex Nut - 3/8 .....                                         | 2   |
| 20   | S22360   | Collar Lock Stud .....                                      | 1   |
| 21   | S25999   | Spacer - Cylinder Stroke (Aluminum) .....                   | 1   |
|      | C-2223   | Cylinder Assembly (Includes All Above Items except Item 21) |     |
|      | C-2067   | Seal Kit (Includes Items 6, 7, 8, 9, 10 & 11)               |     |

## Hydraulic Cylinders - Depth Control

| Item                                                | Part No. | Description                                                 | Qty |
|-----------------------------------------------------|----------|-------------------------------------------------------------|-----|
| <b>Depth Control Cylinder - C-2224 - 3" x 8"</b>    |          |                                                             |     |
| 1                                                   | C-2231   | Barrel .....                                                | 1   |
| 2                                                   | C-2014   | Piston .....                                                | 1   |
| 3                                                   | C-2089   | Gland .....                                                 | 1   |
| 4                                                   | C-2230   | Shaft - 1 5/8" .....                                        | 1   |
| 5                                                   | C-2009   | Collar .....                                                | 1   |
| 6                                                   | C-2187   | Shaft Static Seal .....                                     | 1   |
| 7                                                   | C-2083   | Shaft Wiper .....                                           | 1   |
| 8                                                   | C-2082   | Shaft Seal .....                                            | 1   |
| 9                                                   | C-2012   | Gland Static Seal .....                                     | 1   |
| 10                                                  | C-2015   | Piston Seal .....                                           | 1   |
| 11                                                  | C-2214   | Gland Collar O-Ring .....                                   | 1   |
| 12                                                  | C-2017   | Shaft Nut - 7/8" .....                                      | 1   |
| 13                                                  | C-2236   | Part No Plate .....                                         | 1   |
| 14                                                  | C22361   | Outer Stroke Control Sleeve .....                           | 1   |
| 15                                                  | C10466   | Snap Ring .....                                             | 1   |
| 16                                                  | C-2004   | Inner Stroke Control Sleeve .....                           | 1   |
| 17                                                  | C-2003   | Shaft Clevis .....                                          | 1   |
| 18                                                  | W-477    | Hex Head Bolt - 3/8 X 1 1/2 .....                           | 1   |
| 19                                                  | W-514    | Hex Nut - 3/8 .....                                         | 2   |
| 20                                                  | S22360   | Collar Lock Stud .....                                      | 1   |
| 21                                                  | S25999   | Spacer - Cylinder Stroke (Aluminum) .....                   | 1   |
|                                                     | C-2224   | Cylinder Assembly (Includes All Above Items except Item 21) |     |
|                                                     | C-2080   | Seal Kit (Includes Items 6, 7, 8, 9, 10 & 11)               |     |
| <b>Depth Control Cylinder - C2225 - 3 1/2" x 8"</b> |          |                                                             |     |
| 1                                                   | C-2233   | Barrel .....                                                | 1   |
| 2                                                   | C-2039   | Piston .....                                                | 1   |
| 3                                                   | C-2137   | Gland .....                                                 | 1   |
| 4                                                   | C-2232   | Shaft - 1 3/4" .....                                        | 1   |
| 5                                                   | C-2028   | Collar .....                                                | 1   |
| 6                                                   | C-2187   | Shaft Static Seal .....                                     | 1   |
| 7                                                   | C-2135   | Shaft Wiper .....                                           | 1   |
| 8                                                   | C-2136   | Shaft Seal .....                                            | 1   |
| 9                                                   | C-2029   | Gland Static Seal .....                                     | 1   |
| 10                                                  | C-2022   | Piston Seal .....                                           | 1   |
| 11                                                  | C-2214   | Gland Collar O-Ring .....                                   | 1   |
| 12                                                  | C-2017   | Shaft Nut - 7/8" .....                                      | 1   |
| 13                                                  | C-2237   | Part No Plate .....                                         | 1   |
| 14                                                  | C22361   | Outer Stroke Control Sleeve .....                           | 1   |
| 15                                                  | C10466   | Snap Ring .....                                             | 1   |
| 16                                                  | C-2004   | Inner Stroke Control Sleeve .....                           | 1   |
| 17                                                  | C-2003   | Shaft Clevis .....                                          | 1   |
| 18                                                  | W-477    | Hex Head Bolt - 3/8 X 1 1/2 .....                           | 1   |
| 19                                                  | W-514    | Hex Nut - 3/8 .....                                         | 2   |
| 20                                                  | S22360   | Collar Lock Stud .....                                      | 1   |
| 21                                                  | S25999   | Spacer - Cylinder Stroke (Aluminum) .....                   | 1   |
|                                                     | C-2225   | Cylinder Assembly (Includes All Above Items except Item 21) |     |
|                                                     | C-2133   | Seal Kit (Includes Items 6, 7, 8, 9, 10 & 11)               |     |

## Hydraulic Cylinders Wing Lift



| Item                                              | Part No. | Description                                    | Qty |
|---------------------------------------------------|----------|------------------------------------------------|-----|
| <b>Wing Lift Cylinder - C26436 - 4" x 18"</b>     |          |                                                |     |
| 1                                                 | C32025   | Shaft - 1 1/4 dia x 25 7/8 .....               | 1   |
| 2                                                 | C-2023   | Collar .....                                   | 1   |
| 3                                                 | C26437   | Barrel - 4 x 18 ORB .....                      | 1   |
| 4                                                 | C-2026   | Gland .....                                    | 1   |
| 5                                                 | C16637   | Piston .....                                   | 1   |
| 6                                                 | C-2007   | Shaft Wiper .....                              | 1   |
| 7                                                 | C-2008   | Shaft Seal .....                               | 1   |
| 8                                                 | C-2215   | Gland Collar O-Ring .....                      | 1   |
| 9                                                 | C-2030   | O-Ring .....                                   | 2   |
| 10                                                | C-2187   | O-Ring .....                                   | 1   |
| 11                                                | C15386   | Back-Up Washer .....                           | 2   |
| 12                                                | C-2017   | Unitorque Locknut - 7/8 .....                  | 1   |
| 13                                                | C26846   | Part No Plate for C26436 .....                 | 1   |
|                                                   | C26436   | Cylinder Assembly (Includes All Above Items)   |     |
|                                                   | C20449   | Seal Kit (Includes Items 6, 7, 8, 9, 10 & 11)  |     |
| <b>Wing Lift Cylinder - C26303 - 4 1/2" x 30"</b> |          |                                                |     |
| 1                                                 | C26190   | Cylinder Shaft - 1 3/4 .....                   | 1   |
| 2                                                 | C-2155   | Collar - 4 1/2 Cylinder .....                  | 1   |
| 3                                                 | C26293   | Barrel - 4 1/2 x 30 ORB .....                  | 1   |
| 4                                                 | C-2154   | Gland - 4 1/2 Dia - 1 3/4 Shaft .....          | 1   |
| 5                                                 | C12836   | Piston - 4 1/2 Dia - 1" Shaft .....            | 1   |
| 6                                                 | C-2136   | 1 3/4 ID x 3/16 C/S 90D URTH WIPER .....       | 1   |
| 7                                                 | C-2135   | 1 3/4 ID x 3/8 90D URTH U-CUP .....            | 1   |
| 8                                                 | C-2215   | 3 7/8 OD x 1/16 C/S 70A BUNA-N O-RING .....    | 1   |
| 9                                                 | C-2164   | 4 1/2 OD x 3/16 C/S 90D BUNA O-RING .....      | 2   |
| 10                                                | C13282   | 1 1/8 OD x 1/16 C/S 90D BUNA O-RING .....      | 1   |
| 11                                                | C15387   | Backup Washer - 4 1/2 Dia - #346 .....         | 2   |
| 12                                                | C13763   | Locknut - 1-14 UNS Unitorque .....             | 1   |
| 13                                                | C26307   | Part # Plate for C26303 .....                  | 1   |
|                                                   | C26303   | Cylinder Assembly (Includes All Above Items)   |     |
|                                                   | C12849   | Seal Kit (Includes Items #6, 7, 8, 9, 10 & 11) |     |

## Hydraulic Cylinders - Wing

| Item                                              | Part No. | Description                                   | Qty |
|---------------------------------------------------|----------|-----------------------------------------------|-----|
| <b>Wing Lift Cylinder - C-2146 - 4" x 24"</b>     |          |                                               |     |
| 1                                                 | C12842   | Shaft - 1 3/4 Dia .....                       | 1   |
| 2                                                 | C-2023   | Collar .....                                  | 1   |
| 3                                                 | C-2158   | Barrel .....                                  | 1   |
| 4                                                 | C-2153   | Gland .....                                   | 1   |
| 5                                                 | C12843   | Piston .....                                  | 1   |
| 6                                                 | C-2136   | Shaft Wiper .....                             | 1   |
| 7                                                 | C-2135   | Shaft Seal .....                              | 1   |
| 8                                                 | C-2215   | Gland Collar O-Ring .....                     | 1   |
| 9                                                 | C-2030   | O-Ring .....                                  | 2   |
| 10                                                | C13282   | O-Ring .....                                  | 1   |
| 11                                                | C15385   | Back-Up Washer .....                          | 2   |
| 12                                                | C13763   | Unitorque Locknut - 7/8 .....                 | 1   |
| 13                                                | C-2161   | Part No Plate for C-2146 .....                | 1   |
|                                                   | C-2146   | Cylinder Assembly (Includes All Above Items)  |     |
|                                                   | C-2150   | Seal Kit (Includes Items 6, 7, 8, 9, 10 & 11) |     |
| <b>Wing Lift Cylinder - C-2145 - 4 1/2" x 24"</b> |          |                                               |     |
| 1                                                 | C12842   | Shaft - 1 3/4 Dia .....                       | 1   |
| 2                                                 | C-2155   | Collar .....                                  | 1   |
| 3                                                 | C-2159   | Barrel .....                                  | 1   |
| 4                                                 | C-2154   | Gland .....                                   | 1   |
| 5                                                 | C12836   | Piston .....                                  | 1   |
| 6                                                 | C-2136   | Shaft Wiper .....                             | 1   |
| 7                                                 | C-2135   | Shaft Seal .....                              | 1   |
| 8                                                 | C-2215   | Gland Collar O-Ring .....                     | 1   |
| 9                                                 | C-2064   | O-Ring .....                                  | 2   |
| 10                                                | C13282   | O-Ring .....                                  | 1   |
| 11                                                | C15387   | Back-Up Washer .....                          | 2   |
| 12                                                | C13763   | Unitorque Locknut - 7/8 .....                 | 1   |
| 13                                                | C-2160   | Part No Plate for C-2145 .....                | 1   |
|                                                   | C-2145   | Cylinder Assembly (Includes All Above Items)  |     |
|                                                   | C12849   | Seal Kit (Includes Items 6, 7, 8, 9, 10 & 11) |     |
| <b>Wing Lift Cylinder - C22393 - 3 1/2" x 12"</b> |          |                                               |     |
| 1                                                 | C-2027   | Shaft - 1 1/4 Dia .....                       | 1   |
| 2                                                 | C-2028   | Collar .....                                  | 1   |
| 3                                                 | C22394   | Barrel .....                                  | 1   |
| 4                                                 | C-2037   | Gland .....                                   | 1   |
| 5                                                 | C15412   | Piston .....                                  | 1   |
| 6                                                 | C-2007   | Shaft Wiper .....                             | 1   |
| 7                                                 | C-2008   | Shaft Seal .....                              | 1   |
| 8                                                 | C-2214   | Gland Collar O-Ring .....                     | 1   |
| 9                                                 | C-2029   | O-Ring .....                                  | 2   |
| 10                                                | C-2187   | O-Ring .....                                  | 1   |
| 11                                                | C15385   | Back-Up Washer .....                          | 2   |
| 12                                                | C-2017   | Unitorque Locknut - 7/8 .....                 | 1   |
| 13                                                | C22192   | Part No Plate for C22393 .....                | 1   |
|                                                   | C22393   | Cylinder Assembly (Includes All Above Items)  |     |
|                                                   | S22191   | Seal Kit (Includes Items 6, 7, 8, 9, 10 & 11) |     |

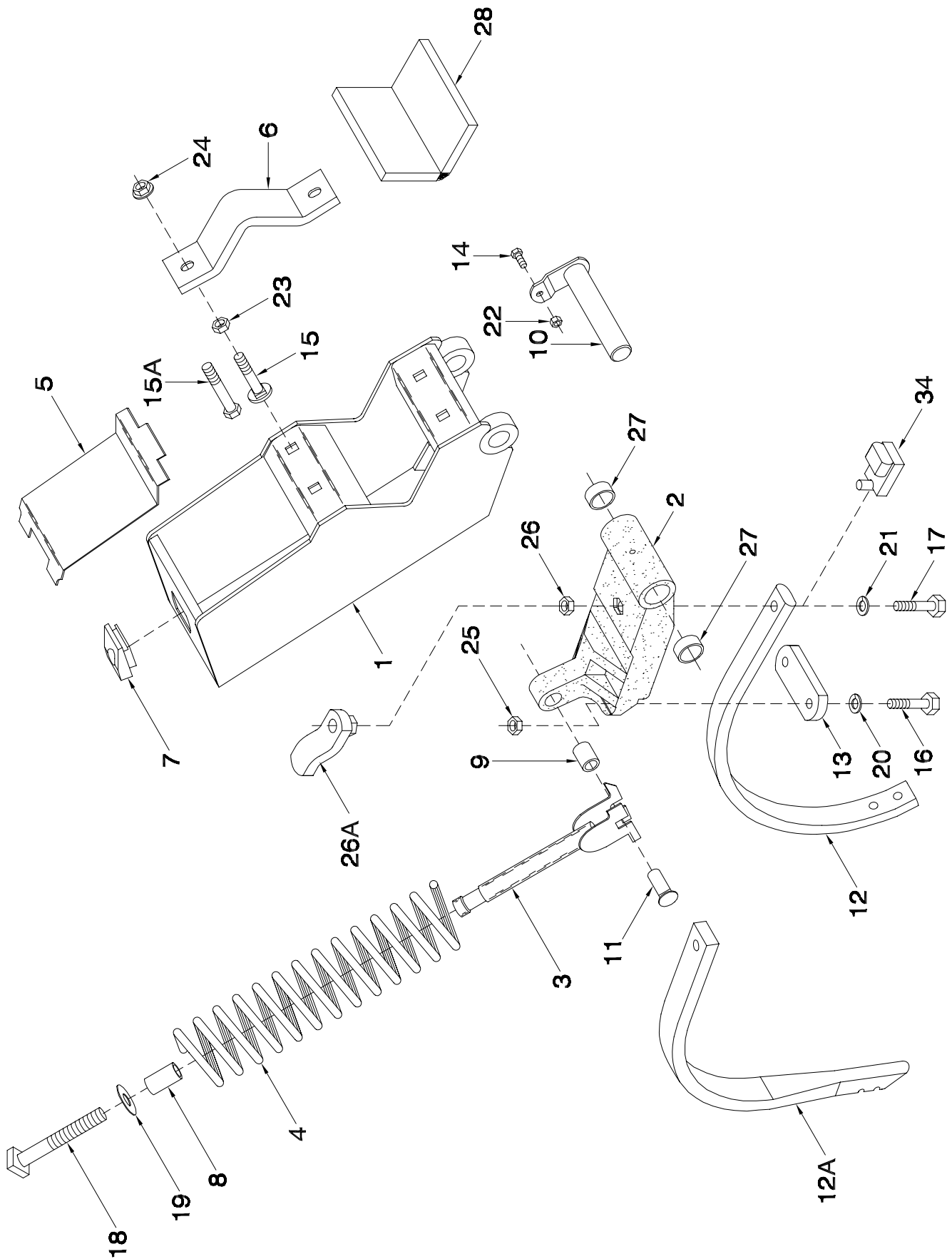


# Section 11: Trip Assembly

## Section Contents

|                             |      |
|-----------------------------|------|
| 400 lb Spring Cushion ..... | 11-2 |
| 400HD Spring Cushion .....  | 11-4 |

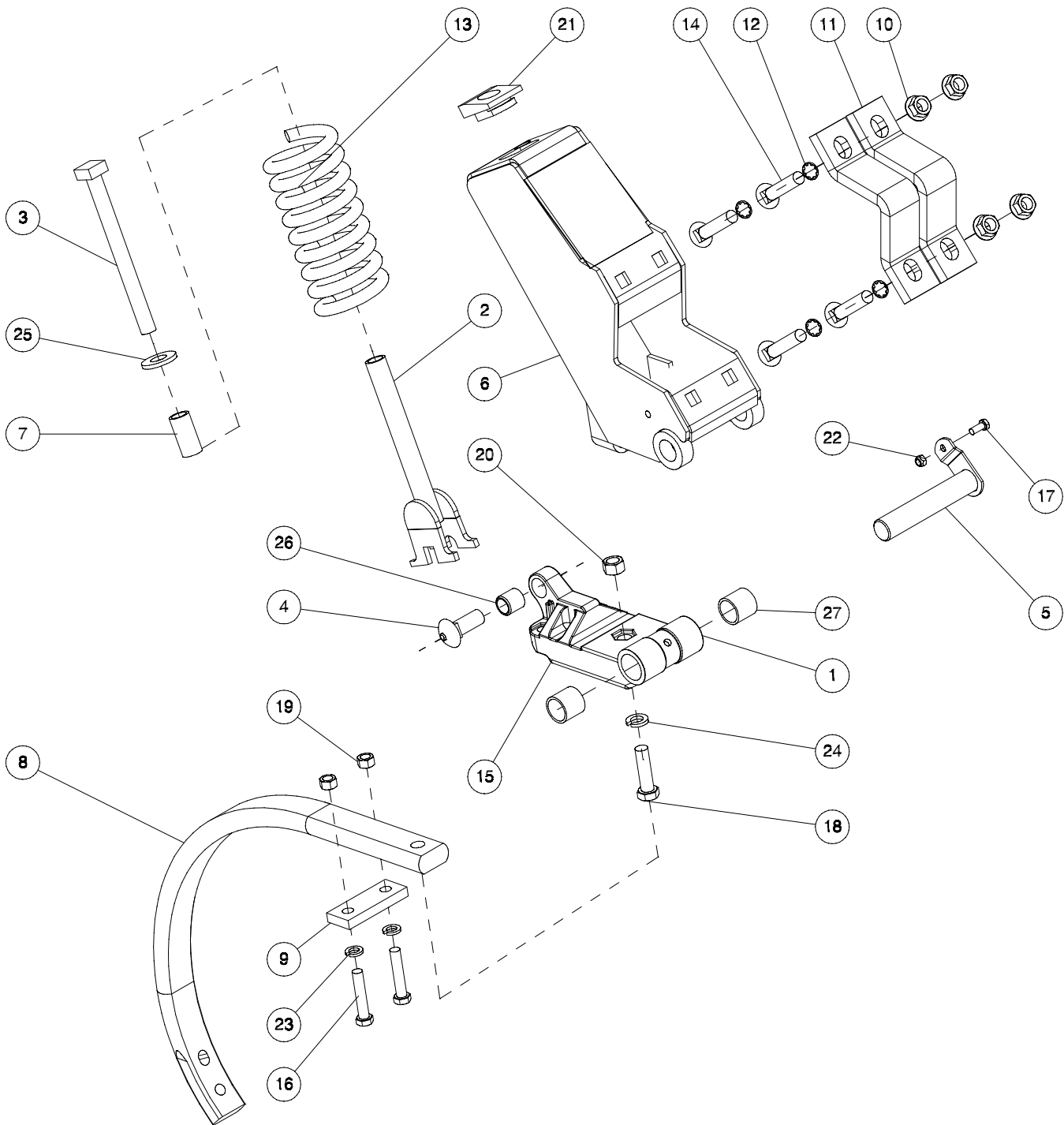
# **Trip Assembly 400 lb Spring Cushion**



## Trip Assembly - 400 lb Spring Cushion

| Item | Part No. | Description                                                                                         | Qty |
|------|----------|-----------------------------------------------------------------------------------------------------|-----|
| 1    | C18615   | Housing - Shank Holder .....                                                                        | 1   |
| 2    | C17394   | Casting - Shank Holder Pivot .....                                                                  | 1   |
| 3    | C18880   | Spring Rod .....                                                                                    | 1   |
| 4    | C17377   | Spring - Compression .....                                                                          | 1   |
| 5    | C19978   | Dirt Shield .....                                                                                   | 1   |
| 6    | C29191   | Clamp Strap .....                                                                                   | 2   |
| 7    | C18863   | Guide Bushing - Spring Rod .....                                                                    | 1   |
| 8    | C33727   | Spacer - Spring Rod - 2 Lg .....                                                                    | 1   |
| 9    | C18985   | Bushing - Spring Pin - 1 Lg .....                                                                   | 1   |
| 10   | C26529   | Pin - Shank Pivot - 1 1/8 Dia x 6 Lg .....                                                          | 1   |
| 11   | C25648   | Pin - Lower Spring - 2 Lg .....                                                                     | 1   |
| 12   | S31400   | Shank - Conventional - 1 x 2 (34 3/8) .....                                                         | 1   |
| 12A  | S32100   | Shank - Edge-On - 1 x 2 .....                                                                       | 1   |
| 13   | C18616   | Clamp - Shank Holder .....                                                                          | 1   |
| 14   | F-1767   | Hex Bolt - 5/16 x 3/4 Lg .....                                                                      | 1   |
| 15   | C29193   | Carriage Bolt - 1/2 x 2 1/2 Lg GR8 .....                                                            | 4   |
| 15A  | C-1823   | Hex Bolt - 1/2 x 3 1/4 Lg (Optional - Used w/Spacer Kit C29192) .....                               | 4   |
| 16   | W-490    | Hex Bolt - 1/2 x 2 1/2 Lg .....                                                                     | 2   |
| 17   | W-500    | Hex Bolt - 5/8 x 2 1/4 Lg .....                                                                     | 1   |
| 17A  | C-3016   | Hex Bolt - 5/8 x 3 Lg (Used with Item 34) .....                                                     | 1   |
| 18   | C24409   | Square Head Bolt - 3/4 x 8 1/4 Lg .....                                                             | 1   |
| 19   | C24468   | Washer - 1 3/4 OD x 13/16 ID x 3/16 .....                                                           | 1   |
| 20   | W-525    | Lockwasher - 1/2 .....                                                                              | 2   |
| 21   | W-526    | Lockwasher - 5/8 .....                                                                              | 1   |
| 22   | D-5272   | Locknut - 5/16 Unitorque .....                                                                      | 1   |
| 23   | S-1292   | Jam Nut - 1/2 .....                                                                                 | 4   |
| 24   | D14565   | Locknut - 1/2 Serrated .....                                                                        | 4   |
| 25   | W-516    | Hex Nut - 1/2 .....                                                                                 | 2   |
| 26   | W-517    | Hex Nut - 5/8 .....                                                                                 | 1   |
| 26A  | S31182   | Trip Stop (Used only on front two trips of 49', 55' & 60' for Harrow Kits) .....                    | 1   |
| 27   | C24979   | Bushing - Shank Holder Pivot - 1 1/4 Lg .....                                                       | 2   |
| 28   | C24410   | Spacer (Optional) .....                                                                             | 1   |
| 34   | C33708   | Shank Extension - 1<br>(Used on 12A with Dual Shoot Openers See Assembly Bulletin 21) .....         | 1   |
|      | S35079   | 400 lb Trip Assembly - Conventional 1" x 2" Shank<br>(Includes Items #1 to 27 Except #12A & 15A)    |     |
|      | S35078   | 400 lb Trip Assembly - Forged - Edge-On 1" x 2" Shank<br>(Includes Items #1 to 27 Except #12 & 15A) |     |

# **Trip Assembly 400HD Spring Cushion**



## Trip Assembly - 400HD Spring Cushion

| Item | Part No. | Description                                                                                   | Qty |
|------|----------|-----------------------------------------------------------------------------------------------|-----|
| 1    | C17394   | Shank Holder Assembly .....                                                                   | 1   |
| 2    | C18880   | Spring Rod .....                                                                              | 1   |
| 3    | C24409   | Bolt - Spring Rod .....                                                                       | 1   |
| 4    | C25648   | Lower Spring Pin .....                                                                        | 1   |
| 5    | C26529   | Shank Pivot Pin .....                                                                         | 1   |
| 6    | C34555   | Housing .....                                                                                 | 1   |
| 7    | C33727   | Spacer .....                                                                                  | 1   |
| 8    | S31400   | Shank - 1 x 2 .....                                                                           | 1   |
| 8A   | S32100   | Shank - Edge On - 1 x 2 (Not Shown) .....                                                     | 1   |
| 9    | C18616   | Clamp Strap .....                                                                             | 1   |
| 10   | W14434   | 5/8 Flange Locknut .....                                                                      | 4   |
| 11   | C26506   | Clamp Strap - Shank .....                                                                     | 2   |
| 12   | C34562   | 5/8 Retaining Ring .....                                                                      | 4   |
| 13   | C17377   | Compression Spring .....                                                                      | 1   |
| 14   | C34561   | Carriage Bolt - 5/8 x 3 .....                                                                 | 4   |
| 15   | C32390   | Shank Holder Casting .....                                                                    | 1   |
| 16   | W-490    | Hex Bolt - 1/2 x 2 1/2 Lg (Used on 1x 2 shanks S31400 and S32100) .....                       | 2   |
|      | W-491    | Hex Bolt - 1/2 x 2 3/4 Lg (Used on 1 1/4 x 2 shank S47075) .....                              | 2   |
| 17   | F-1767   | Hex Bolt - 5/16 x 3/4 Lg .....                                                                | 1   |
| 18   | W-500    | Hex Bolt - 5/8 x 2 1/4 (Used on 1x 2 shanks S31400 and S32100) .....                          | 1   |
|      | W-501    | Hex Bolt - 5/8 x 2 1/2 (Used on 1 1/4 x 2 shank S47075) .....                                 | 1   |
| 19   | W-516    | Hex Nut - 1/2 .....                                                                           | 2   |
| 20   | W-517    | Hex Nut - 5/8 .....                                                                           | 1   |
| 21   | C18863   | Guide Bushing .....                                                                           | 1   |
| 22   | D-5272   | Locknut - 5/16 Unitorque .....                                                                | 1   |
| 23   | W-525    | Lockwasher - 1/2 .....                                                                        | 2   |
| 24   | W-526    | Lockwasher - 5/8 .....                                                                        | 1   |
| 25   | C24468   | Washer - 13/16 ID x 1 3/4 OD x 3/16 .....                                                     | 1   |
| 26   | C18985   | Spring Pin Bushing .....                                                                      | 1   |
| 27   | C24979   | Shank Casting Bushing .....                                                                   | 2   |
|      | C39879   | 400HD Trip Assembly - Conventional 1" x 2" Shank<br>(Includes items 1 to 27 except 8A and 8B) |     |
|      | C39880   | 400HD Trip Assembly - Edge On 1" x 2" Shank<br>(Includes items 1 to 27 except 8 and 8B)       |     |

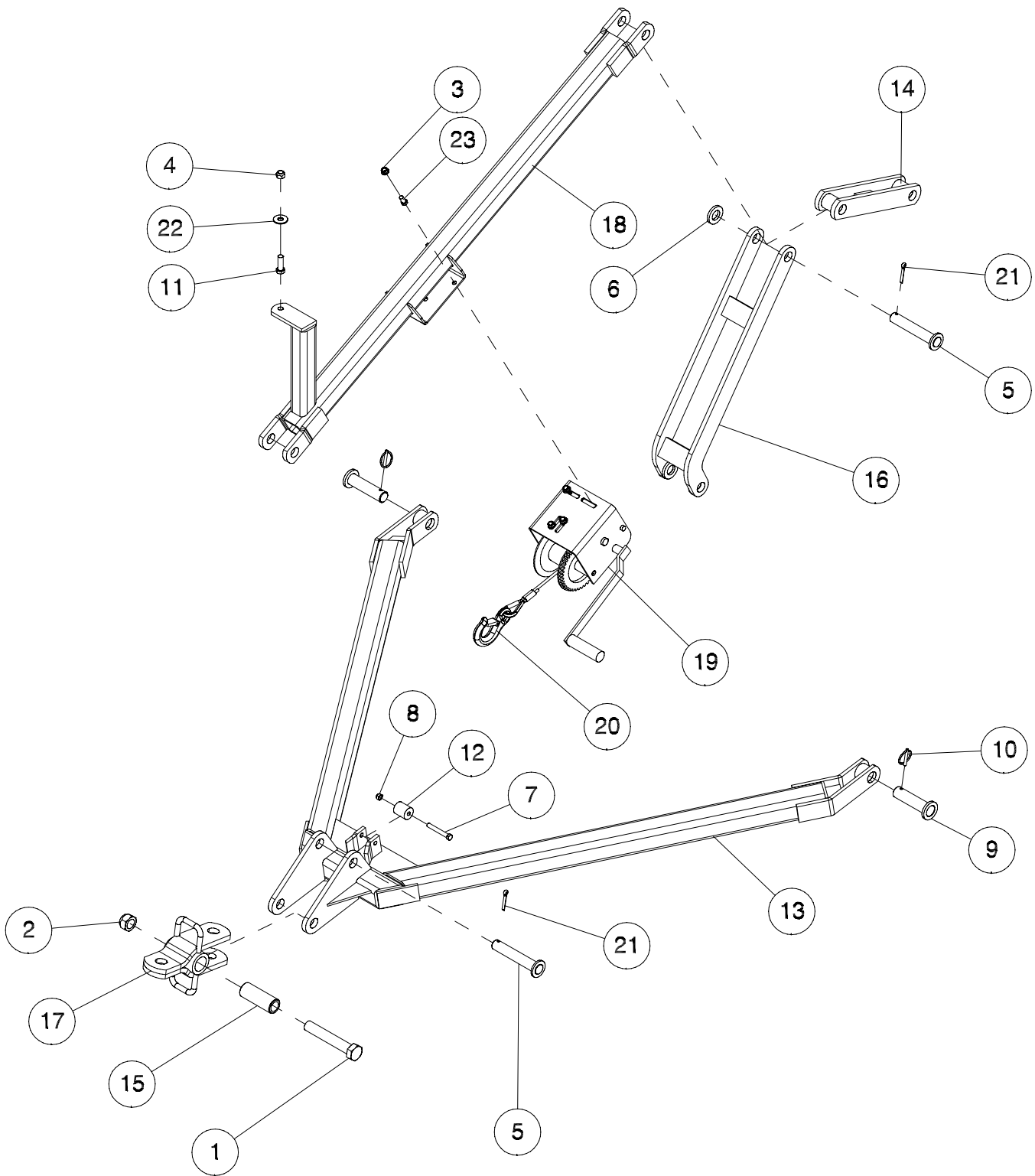


## Section 12: Options

### Section Contents

|                                 |      |
|---------------------------------|------|
| NH3 Hitch Assembly .....        | 12-2 |
| Quad Steer Hitch Assembly ..... | 12-4 |
| Harrow Arm Assembly .....       | 12-6 |
| 4 1/2 ft Harrow Head .....      | 12-7 |
| 6 ft Harrow Head .....          | 12-8 |

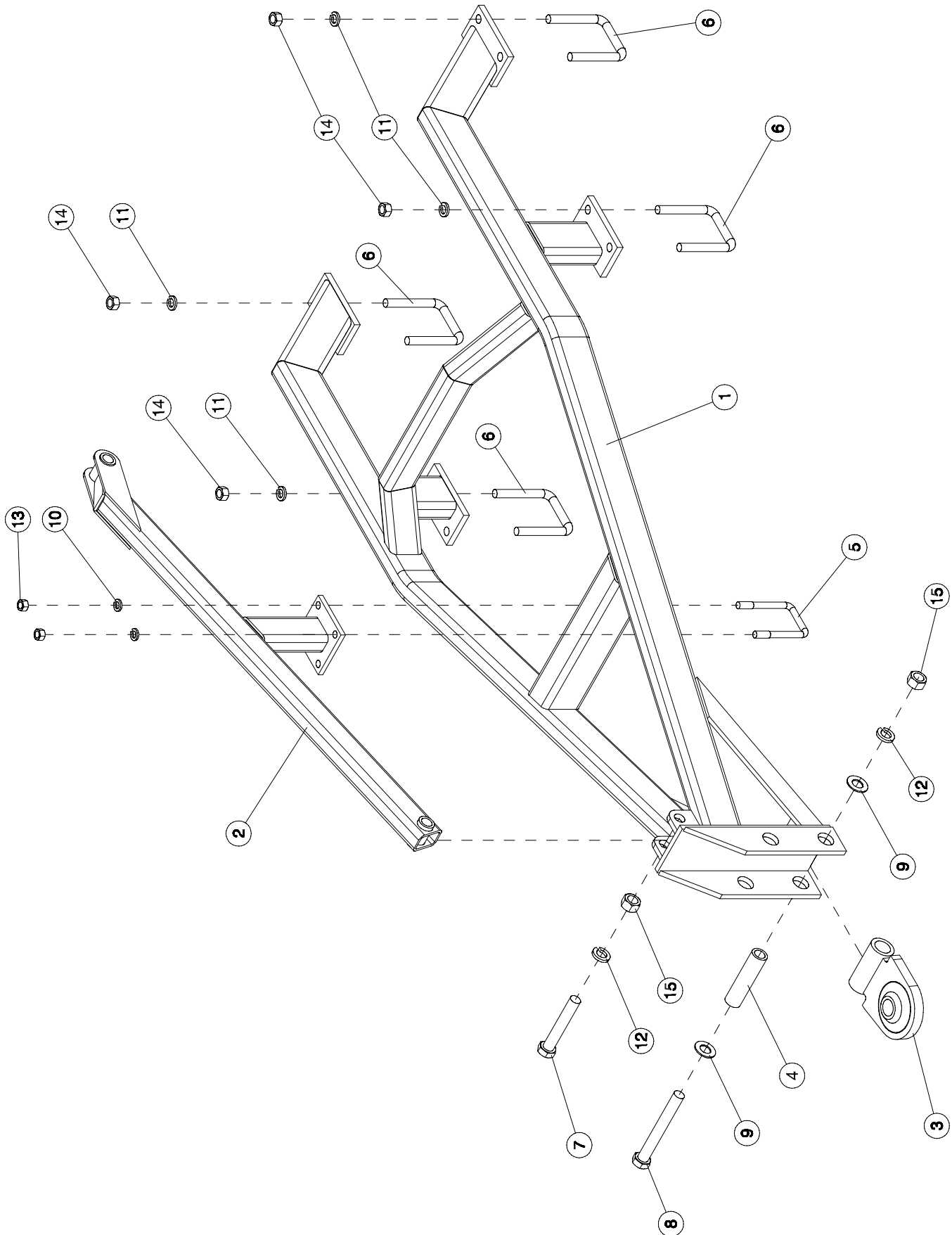
## Options NH3 Hitch Assembly



## Options - NH3 Hitch

| Item | Part No. | Description                                     | Qty |
|------|----------|-------------------------------------------------|-----|
| 1    | C-699    | Hex Bolt - 1 x 6 Lg .....                       | 2   |
| 2    | D-5274   | Locknut - 1 Unitorque .....                     | 1   |
| 3    | D-5279   | Locknut - 3/8 Flange .....                      | 2   |
| 4    | F-3405   | Locknut - 1/2 Unitorque .....                   | 4   |
| 5    | F-3645   | Pin - 1 Dia x 5-1/4 UL .....                    | 1   |
| 6    | F-4490   | Washer - 1 1/32 ID x 1 7/8 OD x 1/4 Thick ..... | 1   |
| 7    | H-1790   | Hex Bolt - 3/8 x 2 3/4 Lg .....                 | 1   |
| 8    | M-3388   | Locknut - 3/8 Unitorque .....                   | 1   |
| 9    | N16226   | Hitch Pin - 1 1/8 Dia x 3 11/16 UL .....        | 2   |
| 10   | N19307   | Klik Pin - 1/4 x 1 3/4 Lg .....                 | 2   |
| 11   | S-776    | Hex Bolt - 1/2 x 1 1/2 Lg .....                 | 2   |
| 12   | S39520   | Roller - 1 1/4 OD x 3/8 ID .....                | 2   |
| 13   | S40300   | Hitch A-Frame .....                             | 1   |
| 14   | S40305   | Strap - Upper Cylinder .....                    | 1   |
| 15   | S40309   | Bushing - 1 1/2 OD x 1 ID .....                 | 1   |
| 16   | S40310   | Strap - Lower Cylinder .....                    | 1   |
| 17   | S40312   | Strap - Clevis .....                            | 1   |
| 18   | S40315   | Brace Tube .....                                | 1   |
| 19   | S40320   | Winch - 2300Lb - 2Spd .....                     | 1   |
| 20   | S40345   | Cable & Hook Assembly .....                     | 1   |
| 21   | W-535    | Cotter Pin - 1/4 x 1 1/2 Lg .....               | 1   |
| 22   | W-539    | Flatwasher - 1/2 .....                          | 1   |
| 23   | W-867    | Hex Bolt - 3/8 x 3/4 Lg .....                   | 1   |

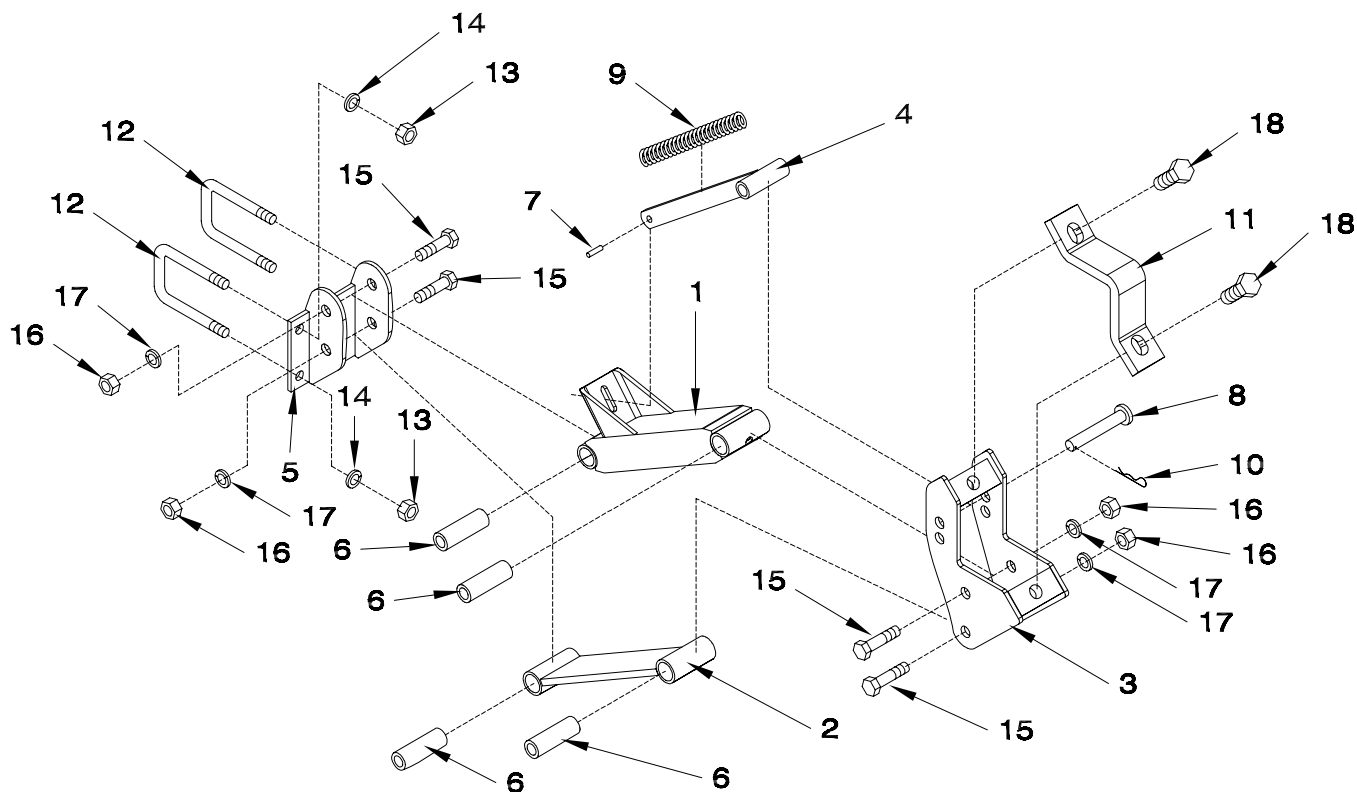
## Options Quad Steer Hitch Assembly



## Options - Quad Steer Hitch

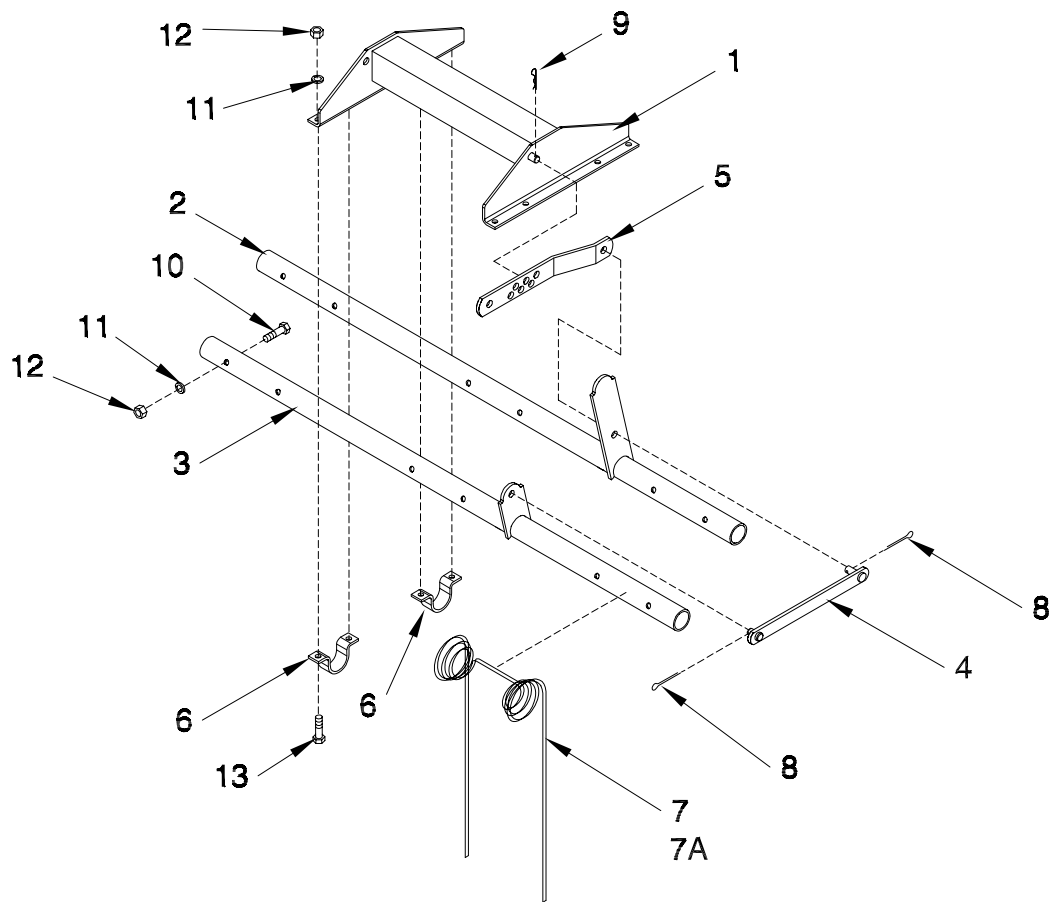
| Item | Part No. | Description                                     | Qty |
|------|----------|-------------------------------------------------|-----|
| 1    | S44791   | Hitch - Quad Steer .....                        | 1   |
| 2    | S44789   | Rib - Quad Steer Hitch .....                    | 1   |
| 3    | S44385   | Clevis - Hitch .....                            | 1   |
| 4    | S44370   | Bushing - 1.031 ID x 1 1/2 OD x 5 31/32 Lg..... | 1   |
| 5    | F-4543   | U-Bolt - 5/8 x 3 1/16 x 5 3/8 .....             | 2   |
| 6    | C-5561   | U-Bolt - 3/4 x 4 x 5 9/16.....                  | 4   |
| 7    | C-699    | Hex Head Bolt - 1 x 6 Lg .....                  | 1   |
| 8    | C18597   | Hex Head Bolt - 1 x 8 Lg .....                  | 1   |
| 9    | D-5498   | Flatwasher - 1 1/16 ID x 2 OD x 11GA .....      | 2   |
| 10   | W-526    | Lockwasher - 5/8 .....                          | 4   |
| 11   | W-527    | Lockwasher - 3/4 .....                          | 8   |
| 12   | C-705    | Lockwasher - 1 .....                            | 2   |
| 13   | W-517    | Hex Nut - 5/8 .....                             | 4   |
| 14   | W-518    | Hex Nut - 3/4 .....                             | 8   |
| 15   | W-520    | Hex Nut - 1 .....                               | 2   |

## Options Harrow Arm Assembly



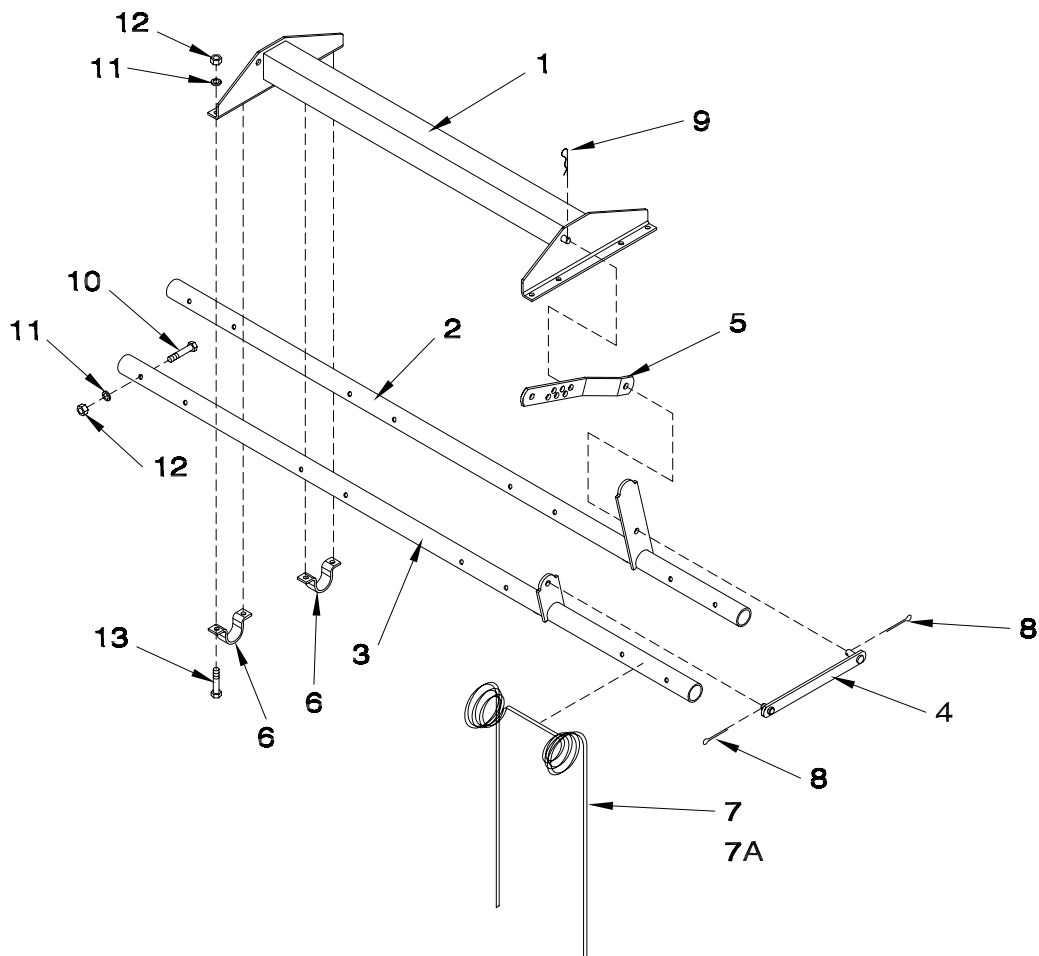
| Item | Part No. | Description                             | Qty |
|------|----------|-----------------------------------------|-----|
| 1    | S28620   | Upper Arm - Airdrill Harrow .....       | 1   |
| 2    | S28619   | Lower Arm - Airdrill Harrow .....       | 1   |
| 3    | S28623   | Mount - Airdrill Harrow .....           | 1   |
| 4    | S28624   | Rod - Airdrill Harrow .....             | 1   |
| 5    | S28625   | Bracket - Harrow Head - Airdrill .....  | 1   |
| 6    | S28618   | Bushing 3125" long .....                | 4   |
| 7    | P106023  | Spiral Pin - 3/8" x 2" HBK .....        | 1   |
| 8    | H18565   | Button Head Pin - 0.621" x 3.844" ..... | 1   |
| 9    | F12968   | Spring - 18" OD x 11 1/4" .....         | 1   |
| 10   | F12981   | Hair pin #16 - 1/8" x 1 15/16" .....    | 1   |
| 11   | C26506   | Mounting Strap .....                    | 1   |
| 12   | S28832   | U-Bolt - 1/2" - 13 UNC .....            | 2   |
| 13   | W-516    | Hex Nut - 1/2" UNC GR 5 .....           | 4   |
| 14   | W-525    | Lockwasher - 1/2" .....                 | 4   |
| 15   | H10721   | Bolt - 5/8" x 4 1/2" GR 5 Special ..... | 4   |
| 16   | W-517    | Hex Nut - 5/8" UNC GR 5 .....           | 4   |
| 17   | W-526    | Lockwasher - 5/8" .....                 | 4   |
| 18   | W-1553   | Hex Bolt - 3/4" x 2 1/4" UNC .....      | 2   |

## Options 4 1/2 ft Harrow Head



| Item | Part No. | Description                             | Qty |
|------|----------|-----------------------------------------|-----|
| 1    | S28621   | Harrow Head .....                       | 1   |
| 2    | S28626   | Carrier Pipe - Front .....              | 1   |
| 3    | S28627   | Carrier Pipe - Rear .....               | 1   |
| 4    | S28630   | Connecting Bar - Airdrill Harrow .....  | 1   |
| 5    | H-1596   | Adjustment Lever .....                  | 1   |
| 6    | H-1593   | Clamp .....                             | 4   |
| 7    | H-1791   | Harrow Tine - 16" Straight .....        | 6   |
| 7A   | H-4087   | Harrow Tine - 16" Bent .....            | 6   |
| 8    | W-907    | Cotter Pin - 0.156" x 3/4" .....        | 2   |
| 9    | W-131    | Hair Pin # 9 - 0.148 x 3 5/16" .....    | 1   |
| 10   | H-3024   | Hex Bolt - Harrow - 3/8" x 2 1/2" ..... | 12  |
| 11   | W-523    | Lockwasher - 3/8" .....                 | 20  |
| 12   | W-514    | Hex Nut - 3/8" UNC GR 5 .....           | 20  |
| 13   | W-475    | Hex Bolt - 3/8" x 1" UNC GR 5 .....     | 8   |
| 14   | H19845   | Tine Retainer (Not Shown) .....         |     |

## Options 6 ft Harrow Head



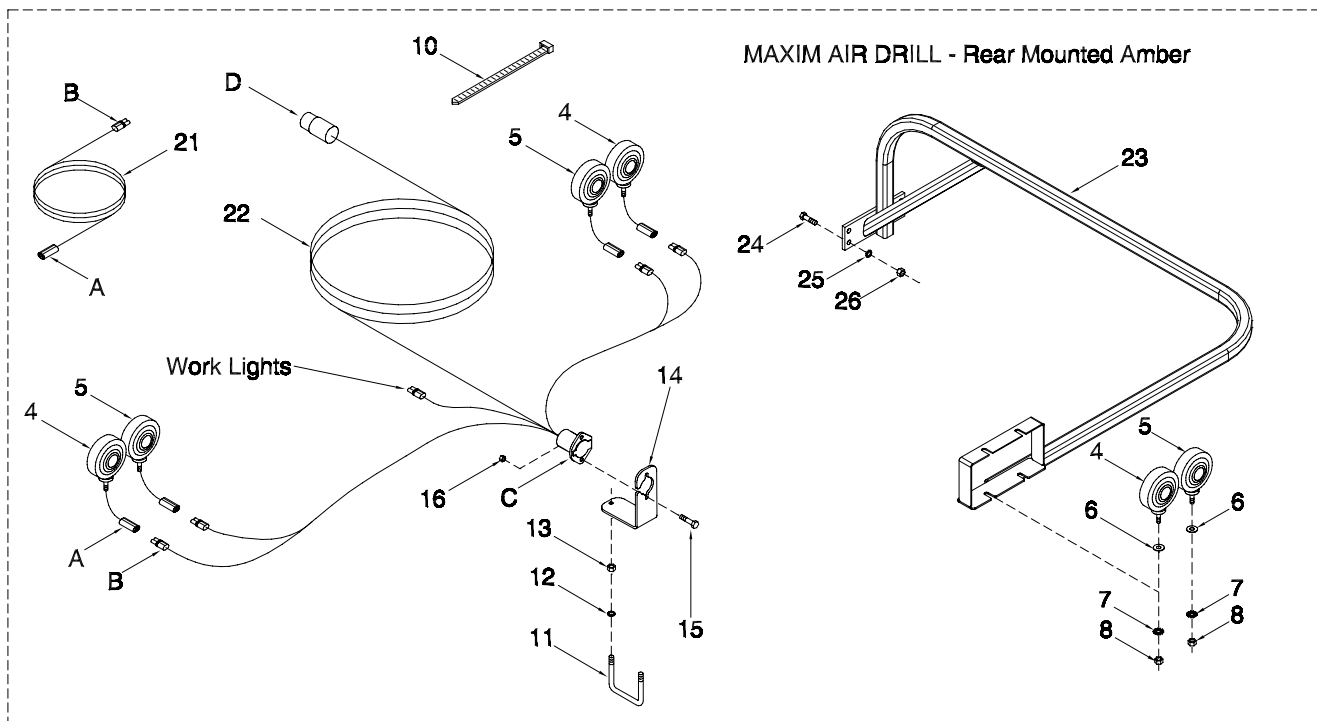
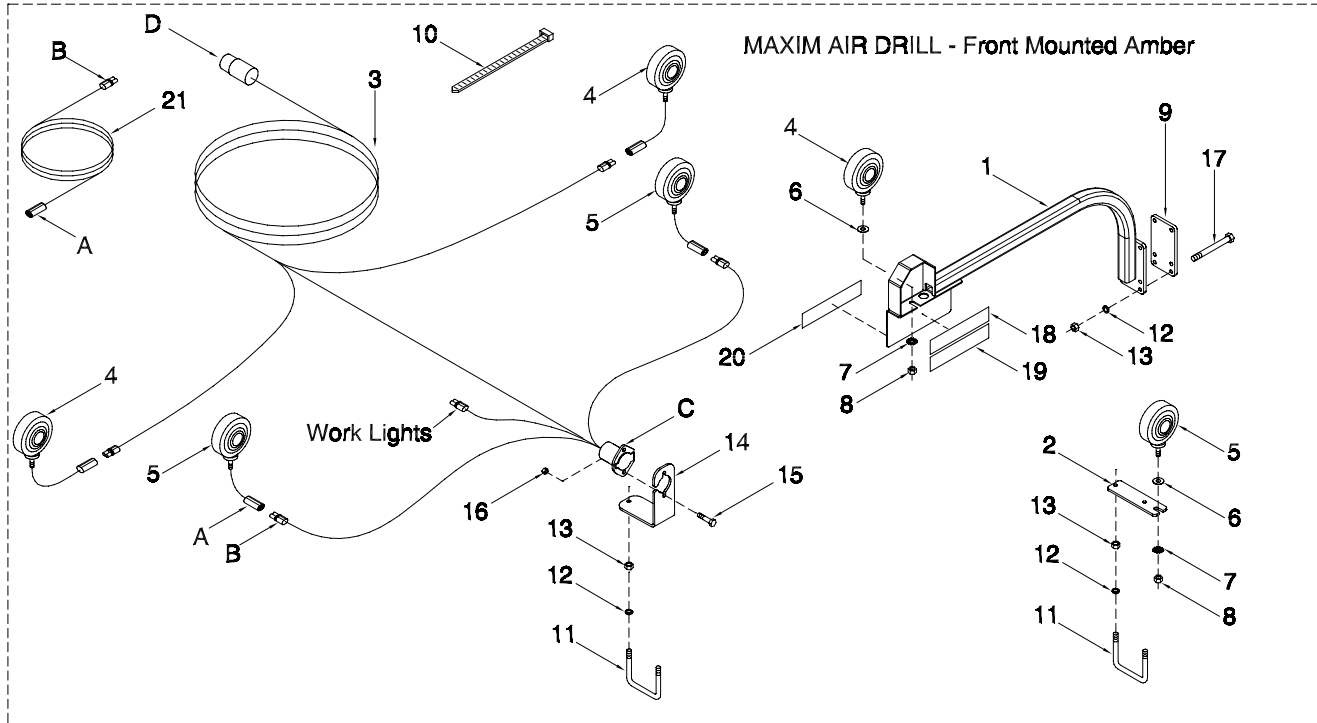
| Item | Part No. | Description                             | Qty |
|------|----------|-----------------------------------------|-----|
| 1    | S28622   | Harrow Head .....                       | 1   |
| 2    | S28628   | Carrier Pipe - Front .....              | 1   |
| 3    | S28629   | Carrier Pipe - Rear .....               | 1   |
| 4    | S28630   | Connecting Bar - Airdrill Harrow .....  | 1   |
| 5    | H-1596   | Adjustment Lever .....                  | 1   |
| 6    | H-1593   | Clamp .....                             | 4   |
| 7    | H-1791   | Harrow Tine - 16" Straight .....        | 8   |
| 7A   | H-4087   | Harrow Tine - 16" Bent .....            | 8   |
| 8    | W-907    | Cotter Pin - 0.156" x 3/4" .....        | 2   |
| 9    | W-131    | Hair Pin # 9 - 0.148 x 3 5/16" .....    | 1   |
| 10   | H-3024   | Hex Bolt - Harrow - 3/8" x 2 1/2" ..... | 16  |
| 11   | W-523    | Lockwasher - 3/8" .....                 | 24  |
| 12   | W-514    | Hex Nut - 3/8" UNC GR 5 .....           | 24  |
| 13   | W-475    | Hex Bolt - 3/8" x 1" UNC GR 5 .....     | 8   |

## Section 13: Lighting & Decals

### Section Contents

|                       |      |
|-----------------------|------|
| Safety Lights .....   | 13-2 |
| Decal Locations ..... | 13-4 |

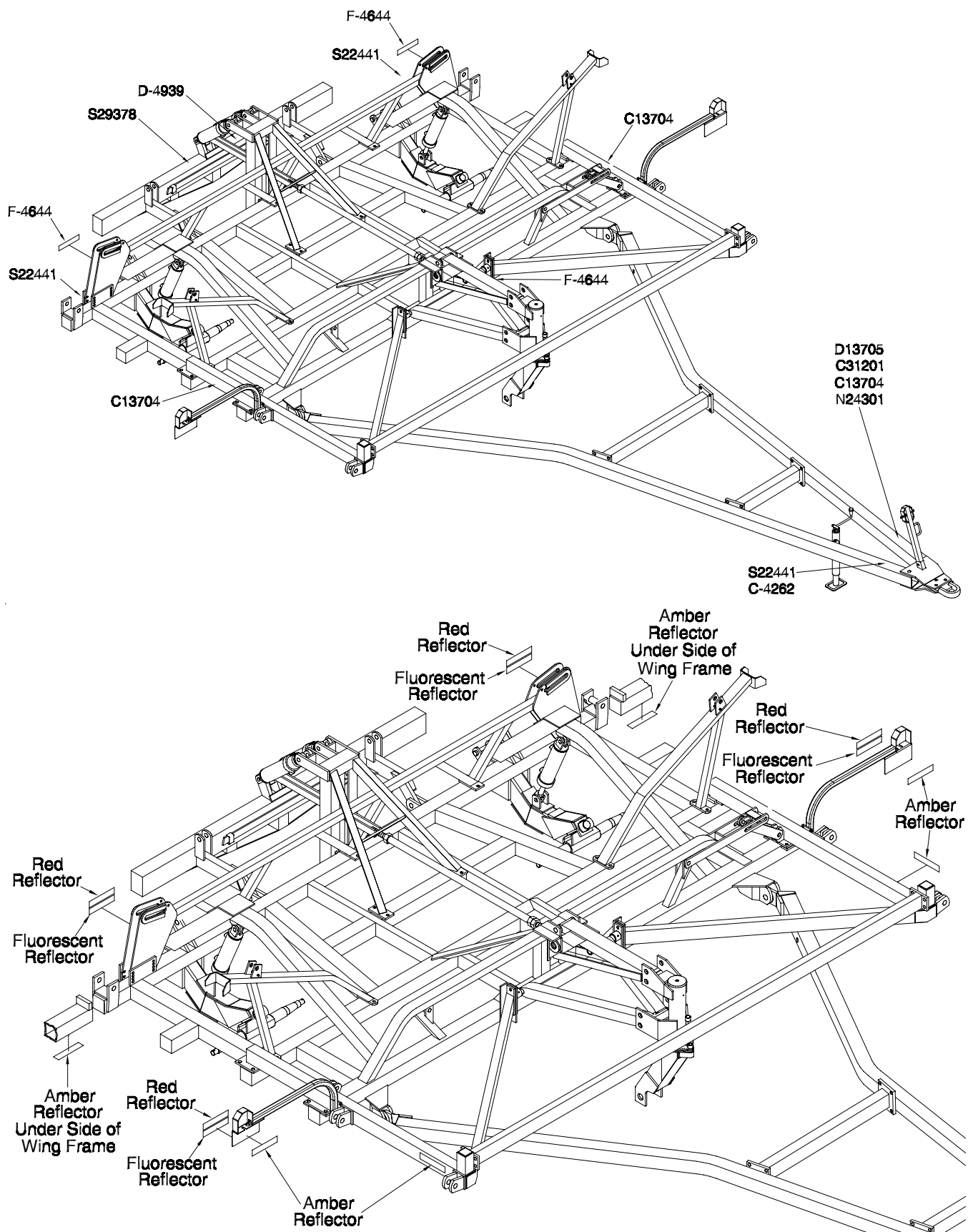
## Safety Lights



## Safety Lights \_ All Models

| Item              | Part No. | Description                                                                                                 | Qty |
|-------------------|----------|-------------------------------------------------------------------------------------------------------------|-----|
| 1                 | S34460   | Tube - Mounting - Main - Lighting .....                                                                     | 2   |
| 2                 | S34465   | Plate - Mounting .....                                                                                      | 2   |
| 3                 | S34466   | Wiring Harness - Safety Lights .....                                                                        | 1   |
| 4                 | C32765   | Light - Amber .....                                                                                         | 2   |
| 5                 | C32766   | Light - Red .....                                                                                           | 2   |
| 6                 | W-539    | Flat Washer - 1/2 .....                                                                                     | 1   |
| 7                 | D-5280   | Star Washer - 1/2 .....                                                                                     | 2   |
| 8                 | W-516    | Hex Nut - 1/2 .....                                                                                         | 1   |
| 9                 | S34458   | Plate - Mounting .....                                                                                      | 2   |
| 10                | D-4951   | Nylon Tie Strap - 7 3/8 lg .....                                                                            | 10  |
| 11                | N15098   | U - Bolt - 3/8 x 4 x 5 .....                                                                                | 3   |
| 12                | W-523    | Lockwasher - 3/8 .....                                                                                      | 14  |
| 13                | W-514    | Hex Nut - 3/8 .....                                                                                         | 14  |
| 14                | N32001   | Bracket - Mounting .....                                                                                    | 1   |
| 15                | N29048   | Carriage Head Bolt - 5/16 x 1 lg .....                                                                      | 2   |
| 16                | D-5278   | Serrated Nut - 5/16 .....                                                                                   | 2   |
| 17                | S-1299   | Hex Bolt - 3/8 x 4 1/2 .....                                                                                | 8   |
| 18                | N34476   | Reflector - Red .....                                                                                       | 2   |
| 19                | N34478   | Reflector - Orange .....                                                                                    | 2   |
| 20                | N34477   | Reflector - Amber .....                                                                                     | 2   |
| 21                | C31439   | Wiring Extension - 2 Pin - 10 ft .....                                                                      | 2   |
| <b>Rear Mount</b> |          |                                                                                                             |     |
| 22                | C31438   | Wiring Harness - Main .....                                                                                 | 1   |
| 23                | S34169   | Arm - Extension - Left (Shown) .....                                                                        | 1   |
| 23A               | S34168   | Arm - Extension - Right (NOT Shown) .....                                                                   | 1   |
| 24                | W-488    | Hex Bolt - 1/2 x 2 lg .....                                                                                 | 8   |
| 25                | W-525    | Lockwasher - 1/2 .....                                                                                      | 8   |
| 26                | W-516    | Hex Nut - 1/2 .....                                                                                         | 8   |
|                   | C32761   | Red Acrylic Lens                                                                                            |     |
|                   | C32762   | Amber Acrylic Lens                                                                                          |     |
|                   | C32515   | Bulb - #1156 (Amber Light)                                                                                  |     |
|                   | C32656   | Bulb - #1157 (Red Light)                                                                                    |     |
| A                 | C32681   | Receptacle Connector Assembly - GRAY - 2 Pin                                                                |     |
| B                 | C32682   | Plug Connector Assembly - GRAY - 2 Pin                                                                      |     |
| C                 | C32686   | Connector Assembly - 7 Pin Socket                                                                           |     |
|                   | C32684   | Interior - Socket - 7 Pin Connector                                                                         |     |
|                   | C32685   | Protective Boot - Socket - 7 Pin Connector                                                                  |     |
| D                 | C32690   | Connector Assembly - 7 Pin Plug (Complete with Cable Protector Spring)                                      |     |
|                   | C32688   | Interior - Plug - 7 Pin Connector                                                                           |     |
|                   | C32689   | Cable Protector Spring - Plug - 7 Pin Connector                                                             |     |
|                   | S30744   | Maxim Air Drill Safety Light Kit - Front Mounted amber lights<br>- Includes items 1-21                      |     |
|                   | S35668   | Maxim Air Drill Safety Light Kit - Rear Mounted amber lights<br>- Includes items 4 - 8, 11 - 16 and 21 - 26 |     |

## Decal Locations



# Index

|                                                                     |                                                                                                                                                 |                                                     |                                                                                                                                                                         |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A</b>                                                            | C-2154 10-5                                                                                                                                     | C-4385 8-3, 8-5, 8-11                               | 9, 8-11                                                                                                                                                                 |
| A19720 6-7                                                          | C-2155 10-5                                                                                                                                     | C-4387 8-3, 8-5, 8-7, 8-9, 8-11, 9-3, 9-5, 9-7, 9-9 | C14714 1-3, 1-5, 1-7, 1-9, 1-11, 3-3                                                                                                                                    |
| <b>B</b>                                                            | C-2158 10-5                                                                                                                                     | C-4388 8-5, 8-7, 9-3, 9-5, 9-7, 9-9                 | C14813 6-3, 6-7                                                                                                                                                         |
| BW-11 2-3, 2-5, 2-7, 2-9, 2-11, 2-13, 4-3, 6-3, 6-5, 6-7, 6-9, 6-11 | C-2159 10-5                                                                                                                                     | C-4390 8-3, 8-5, 8-7, 8-9, 8-11, 9-3, 9-5, 9-7, 9-9 | C14814 6-3, 6-7                                                                                                                                                         |
| <b>C</b>                                                            | C-2160 10-5                                                                                                                                     | C-4391 8-7, 8-9, 8-11                               | C14840 9-3, 9-5, 9-7, 9-9                                                                                                                                               |
| C-1429 3-3, 6-7, 6-9, 6-11, 6-13                                    | C-2161 10-5                                                                                                                                     | C-4392 8-7, 8-9, 8-11, 9-9                          | C14842 8-9                                                                                                                                                              |
| C-1463 7-3, 7-5, 7-8, 7-9                                           | C-2164 10-5                                                                                                                                     | C-4393 9-3, 9-5, 9-7, 9-9                           | C14901 9-3, 9-5, 9-7                                                                                                                                                    |
| C-1473 7-3, 7-5                                                     | C-2187 10-3, 10-5                                                                                                                               | C-4395 8-7, 8-9, 8-11                               | C15252 1-3, 1-5, 1-7                                                                                                                                                    |
| C-1521 7-3, 7-5, 7-8, 7-9                                           | C-219 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 2-3, 2-5, 2-7, 2-9, 2-11, 2-13, 3-3, 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 6-3, 6-5, 6-7, 6-9, 6-11 | C-4396 8-3, 8-5, 8-7, 8-9, 8-11                     | C15348 9-9                                                                                                                                                              |
| C-1522 7-3, 7-5, 7-8, 7-9                                           | C-2213 10-3                                                                                                                                     | C-4397 8-7, 8-9, 8-11                               | C15385 10-5                                                                                                                                                             |
| C-1823 11-3                                                         | C-2214 10-3, 10-5                                                                                                                               | C-4400 8-3, 8-5, 8-7, 8-9, 8-11                     | C15386 10-5                                                                                                                                                             |
| C-2003 10-3                                                         | C-2215 10-5                                                                                                                                     | C-4402 8-3, 8-5, 8-7, 8-9, 8-11, 9-3, 9-5, 9-7, 9-9 | C15387 10-5                                                                                                                                                             |
| C-2004 10-3                                                         | C-2223 4-5, 4-7, 4-9, 4-11, 8-9, 8-11, 10-3                                                                                                     | C-4403 8-7, 8-9, 8-11, 9-3, 9-5, 9-7, 9-9           | C15412 10-5                                                                                                                                                             |
| C-2007 10-5                                                         | C-2224 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 8-3, 8-5, 8-7, 8-9, 8-11, 10-3                                                                          | C-4404 9-3, 9-5, 9-7, 9-9                           | C16457 8-3, 8-5, 8-7, 8-9, 8-11                                                                                                                                         |
| C-2008 10-5                                                         | C-2225 4-3, 8-3, 8-5, 8-7, 8-9, 8-11, 10-3                                                                                                      | C-4438 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15         | C16602 6-9, 6-11                                                                                                                                                        |
| C-2009 10-3                                                         | C-2228 10-3                                                                                                                                     | C-4467 9-3, 9-5, 9-7, 9-9                           | C16605 6-9, 6-11                                                                                                                                                        |
| C-2012 10-3                                                         | C-2229 10-3                                                                                                                                     | C-4468 8-3, 8-5, 8-7, 8-9, 8-11                     | C16609 7-3                                                                                                                                                              |
| C-2014 10-3                                                         | C-2230 10-3                                                                                                                                     | C-4469 8-3, 8-5, 8-7, 8-9, 8-11                     | C16611 7-8, 7-9, 7-10                                                                                                                                                   |
| C-2015 10-3                                                         | C-2231 10-3                                                                                                                                     | C-4552 8-7, 8-9, 8-11, 9-3, 9-5, 9-7, 9-9           | C16637 10-5                                                                                                                                                             |
| C-2017 10-3, 10-5                                                   | C-2232 10-3                                                                                                                                     | C-4590 8-3, 8-5, 8-7, 8-9, 8-11, 9-3, 9-5, 9-7, 9-9 | C16652 8-7, 8-9, 8-11, 9-9                                                                                                                                              |
| C-2022 10-3                                                         | C-2233 10-3                                                                                                                                     | C-4698 8-3, 8-5, 8-7, 8-9, 8-11                     | C17348 7-3, 7-5, 7-7                                                                                                                                                    |
| C-2023 10-5                                                         | C-2235 10-3                                                                                                                                     | C-5561 1-9, 1-11, 1-13, 1-15, 4-3, 6-9, 6-11        | C17355 7-3, 7-7                                                                                                                                                         |
| C-2026 10-5                                                         | C-2236 10-3                                                                                                                                     | C-5785 9-3, 9-5, 9-7                                | C17377 11-3, 11-5                                                                                                                                                       |
| C-2027 10-5                                                         | C-2237 10-3                                                                                                                                     | C-699 12-3                                          | C17394 11-3, 11-5                                                                                                                                                       |
| C-2028 10-3, 10-5                                                   | C-3016 4-3, 11-3                                                                                                                                | C-705 2-3, 2-5, 2-7, 2-9, 2-11, 2-13                | C17436 4-5, 4-7, 4-9, 4-11                                                                                                                                              |
| C-2029 10-3, 10-5                                                   | C-3258 7-3, 7-5, 7-8, 7-9                                                                                                                       | C-728 3-3                                           | C18510 2-3, 2-5, 2-7, 2-9, 2-11, 2-13, 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33 |
| C-2030 10-5                                                         | C-3717 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 6-7                                                                                                     | C-817 8-3, 8-5, 8-7, 8-9, 8-11, 9-3, 9-5, 9-7, 9-9  | C18524 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15                                                                                                                             |
| C-2037 10-5                                                         | C-3902 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 2-3, 2-5, 2-7, 2-13                                                                                | C10179 9-3, 9-5, 9-7                                | C18527 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33                                 |
| C-2039 10-3                                                         | C-3918 8-3, 8-5, 8-7, 8-9, 8-11, 9-9                                                                                                            | C11029 2-3, 2-5, 2-7, 2-9, 2-11, 2-13               | C18529 2-3, 2-5, 2-7, 2-9, 2-11, 2-13, 4-3, 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33                                  |
| C-2064 10-5                                                         | C-4066 8-7, 8-9, 8-11                                                                                                                           | C12836 10-5                                         | C18531 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15                                                                                                                             |
| C-2067 10-3                                                         | C-4262 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15                                                                                                     | C12842 10-5                                         | C18615 11-3                                                                                                                                                             |
| C-2071 10-3                                                         | C-4351 9-3                                                                                                                                      | C12843 10-5                                         | C18616 11-3, 11-5                                                                                                                                                       |
| C-2072 10-3                                                         | C-4352 9-3, 9-5, 9-7                                                                                                                            | C12849 10-5                                         | C18619 6-9, 6-11                                                                                                                                                        |
| C-2073 10-3                                                         | C-4363 8-3, 8-5, 8-7, 8-9, 8-11, 9-3, 9-5, 9-7, 9-9                                                                                             | C13282 10-5                                         | C18639 6-7, 6-9, 6-11                                                                                                                                                   |
| C-2074 10-3                                                         | C-4365 8-11, 9-3, 9-5, 9-7, 9-9                                                                                                                 | C13704 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15         | C18657 4-5, 4-7, 4-11, 7-9, 8-11                                                                                                                                        |
| C-2075 10-3                                                         | C-4366 8-3, 8-5, 8-7, 9-3, 9-5, 9-7, 9-9                                                                                                        | C13763 10-5                                         |                                                                                                                                                                         |
| C-2077 10-3                                                         | C-4368 8-3, 8-5, 8-7, 8-9                                                                                                                       | C14411 8-3, 8-5, 8-7, 8-9, 8-11                     |                                                                                                                                                                         |
| C-2078 10-3                                                         | C-4372 8-3, 8-5, 8-7, 8-9, 8-11                                                                                                                 |                                                     |                                                                                                                                                                         |
| C-2080 10-3                                                         |                                                                                                                                                 |                                                     |                                                                                                                                                                         |
| C-2082 10-3                                                         |                                                                                                                                                 |                                                     |                                                                                                                                                                         |
| C-2083 10-3                                                         |                                                                                                                                                 |                                                     |                                                                                                                                                                         |
| C-2089 10-3                                                         |                                                                                                                                                 |                                                     |                                                                                                                                                                         |
| C-2133 10-3                                                         |                                                                                                                                                 |                                                     |                                                                                                                                                                         |
| C-2135 10-3, 10-5                                                   |                                                                                                                                                 |                                                     |                                                                                                                                                                         |
| C-2136 10-3, 10-5                                                   |                                                                                                                                                 |                                                     |                                                                                                                                                                         |
| C-2137 10-3                                                         |                                                                                                                                                 |                                                     |                                                                                                                                                                         |
| C-2145 6-11, 9-9, 10-5                                              |                                                                                                                                                 |                                                     |                                                                                                                                                                         |
| C-2146 6-9, 9-9, 10-5                                               |                                                                                                                                                 |                                                     |                                                                                                                                                                         |
| C-2150 10-5                                                         |                                                                                                                                                 |                                                     |                                                                                                                                                                         |
| C-2153 10-5                                                         |                                                                                                                                                 |                                                     |                                                                                                                                                                         |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10<br>C18662 4-5, 4-7, 4-9, 4-11, 4-13, 4-15<br>C18757 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15<br>C18758 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 1-20<br>C18761 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 1-20<br>C18781 4-3<br>C18782 4-5, 4-7, 4-9, 4-11, 4-13, 4-15<br>C18851 6-9, 6-11<br>C18863 11-3, 11-5<br>C18880 11-3, 11-5<br>C18985 11-3, 11-5<br>C19978 11-3<br>C20449 10-5<br>C21213 1-13, 1-15<br>C21631 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15<br>C22192 10-5<br>C22361 10-3<br>C22393 3-3, 9-3, 9-5, 9-7, 9-9, 10-5<br>C22394 10-5<br>C24409 11-3, 11-5<br>C24410 11-3<br>C24468 11-3, 11-5<br>C24585 8-7, 8-9, 8-11<br>C24979 11-3, 11-5<br>C25648 11-3, 11-5<br>C26082 7-5, 7-7, 7-8, 7-9<br>C26085 7-5, 7-7, 7-8<br>C26086 7-5, 7-7, 7-8, 7-9<br>C26151 1-11, 1-13, 1-15<br>C26190 10-5<br>C26266 7-5, 7-7, 7-8, 7-9<br>C26293 10-5<br>C26303 6-5, 6-7, 6-9, 6-11, 9-3, 9-5, 9-7, 9-9, 10-5<br>C26307 10-5<br>C26321 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15<br>C26323 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15<br>C26324 6-5, 6-7, 6-9, 6-11<br>C26339 9-9<br>C26343 8-11<br>C26436 6-3, 6-7, 9-3, 9-5, 9-7, 10-5<br>C26437 10-5<br>C26506 11-5, 12-7<br>C26529 11-3, 11-5<br>C26546 6-13<br>C26548 6-13<br>C26550 6-13 | C26814 6-13<br>C26815 6-13<br>C26840 7-3, 7-7<br>C26846 10-5<br>C26876 9-9<br>C26925 1-13<br>C29191 11-3<br>C29193 11-3<br>C29194 6-7, 6-9, 6-11<br>C31438 13-3<br>C31439 13-3<br>C32025 10-5<br>C32224 6-9, 6-11<br>C32390 11-5<br>C32515 13-3<br>C32656 13-3<br>C32681 13-3<br>C32682 13-3<br>C32684 13-3<br>C32685 13-3<br>C32686 13-3<br>C32688 13-3<br>C32689 13-3<br>C32690 13-3<br>C32761 13-3<br>C32762 13-3<br>C32765 13-3<br>C32766 13-3<br>C33708 11-3<br>C33727 11-3, 11-5<br>C34555 11-5<br>C34561 11-5<br>C34562 11-5<br>C39432 1-20<br>C39519 8-3, 8-5, 8-7, 8-9, 8-11<br>C39879 11-5<br>C39880 11-5<br><br><b>D</b><br>D-4294 3-3<br>D-4837 7-10<br>D-4838 8-3, 8-5, 8-7, 8-9, 8-11<br>D-4931 1-17<br>D-4932 9-9<br>D-4935 5-31, 5-33<br>D-4938 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33<br>D-4939 2-3, 2-5, 2-7, 2-9, 2-11, 2-13<br>D-4947 7-10<br>D-4951 8-9, 8-11, 13-3<br>D-5022 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5- | 25, 5-27, 5-29, 5-31, 5-33<br>D-5238 7-10<br>D-5239 7-3, 7-7<br>D-5244 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 6-5, 6-7, 6-9, 6-11<br>D-5249 8-3, 8-5, 8-7, 8-9, 8-11<br>D-5256 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 5-3, 5-5<br>D-5261 6-5<br>D-5265 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33<br>D-5272 11-3, 11-5<br>D-5273 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15<br>D-5274 2-3, 2-5, 2-7, 2-9, 2-11, 2-13, 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33, 6-3, 6-5, 6-7, 6-9, 6-11, 12-3<br>D-5278 13-3<br>D-5279 6-5, 12-3<br>D-5280 13-3<br>D-5402 7-10<br>D-5489 6-5, 6-13<br>D-5498 2-3, 2-5, 2-7, 2-9, 2-11, 2-13, 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33, 7-10<br>D-5499 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33, 6-5, 6-7, 6-9, 6-11<br>D-5519 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 1-20<br>D-5744 5-27, 5-29, 5-31, 5-33<br>D10440 5-7<br>D10441 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-27<br>D10442 5-7<br>D11174 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33<br>D12164 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 4-3 | D12714 6-13<br>D12823 5-7<br>D12824 5-7<br>D12865 2-3, 2-5, 2-7, 2-9, 2-11, 2-13<br>D13580 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33<br>D13581 5-27, 5-29, 5-31, 5-33<br>D13585 5-15, 5-17, 5-19, 5-21, 5-23, 5-25<br>D13586 5-15, 5-17, 5-19, 5-21, 5-23, 5-25<br>D13755 5-9, 5-11, 5-19, 5-27<br>D13756 5-9, 5-11, 5-27<br>D13757 5-9, 5-11, 5-13, 5-19, 5-27<br>D14565 6-5, 11-3<br>D17315 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15<br>D17807 6-13<br>D17843 9-9<br>D17974 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 6-5, 6-7, 6-9, 6-11<br>D18566 5-3, 5-9, 5-11<br>D18568 5-3, 5-5, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25<br>D18569 5-3, 5-5, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25<br><br><b>F</b><br>F-1713 6-7, 6-9, 6-11<br>F-1767 11-3, 11-5<br>F-3405 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 1-20, 3-3, 6-5, 6-7, 6-9, 6-11, 7-5, 7-7, 7-8, 7-9, 12-3<br>F-3515 1-13, 1-15, 6-5, 6-7, 6-9, 6-11<br>F-3645 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 4-5, 4-7, 4-13, 4-15, 12-3<br>F-3864 8-7, 8-9, 8-11, 9-9<br>F-3867 9-5, 9-7<br>F-4490 12-3<br>F-4543 1-17, 1-19<br>F-4644 4-3, 6-3, 6-5, 6-7, 6-9, 6-11<br>F-5426 8-9, 8-11, 9-5, 9-7, 9-9<br>F-5679 8-9<br>F10384 9-3, 9-5, 9-7, 9-9 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                             |                                                                                                                |                                                                                                   |                                                   |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------|
| F12968 12-7                                                 | N19165 7-10                                                                                                    | 11, 2-13                                                                                          | S22215 4-3                                        |
| F12981 12-7                                                 | N19167 7-3, 7-7                                                                                                | S-752 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 7-3, 7-5, 7-8, 7-9, 7-10                              | S22216 4-3, 4-5, 4-7, 4-13, 4-15                  |
| F14331 1-7, 1-9, 1-11, 1-13, 1-15                           | N19168 7-3, 7-7                                                                                                | S-776 6-3, 6-5, 6-7, 6-9, 6-11, 12-3                                                              | S22217 2-3, 2-5, 2-7, 2-9, 2-11, 2-13             |
| F14658 9-9                                                  | N19170 7-3, 7-7                                                                                                | S13261 6-3, 6-5, 6-7, 6-9, 6-11                                                                   | S22219 2-3, 2-5, 2-7, 2-9, 2-11, 2-13             |
| F24559 9-3, 9-5, 9-7, 9-9                                   | N19171 7-3, 7-7                                                                                                | S13336 8-3, 8-5, 8-7, 8-9, 8-11                                                                   | S22222 4-3                                        |
| <b>H</b>                                                    | N19172 7-3, 7-7                                                                                                | S22051 1-9, 1-11, 1-17                                                                            | S22225 4-5, 4-7, 4-13, 4-15                       |
| H-1593 12-7, 12-8                                           | N19173 7-3, 7-7                                                                                                | S22058 2-7, 2-11, 2-13                                                                            | S22231 1-7, 1-9, 1-11, 1-13, 1-15                 |
| H-1596 12-7, 12-8                                           | N19307 12-3                                                                                                    | S22059 2-7, 2-11, 2-13                                                                            | S22233 4-5, 4-7, 4-13, 4-15                       |
| H-1790 12-3                                                 | N19423 4-3                                                                                                     | S22070 1-3, 1-5, 1-7, 2-3, 2-5, 2-7                                                               | S22237 4-9, 4-11                                  |
| H-1791 12-7, 12-8                                           | N19484 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33, 7-3, 7-7    | S22073 9-3, 9-5, 9-7, 9-9                                                                         | S22243 3-3                                        |
| H-3024 12-7, 12-8                                           | N19586 7-3, 7-7                                                                                                | S22074 9-3, 9-5, 9-7, 9-9                                                                         | S22250 4-7, 4-11, 4-15                            |
| H-4087 12-7, 12-8                                           | N19678 8-3, 8-5, 8-7, 8-9, 8-11                                                                                | S22076 2-9, 2-13                                                                                  | S22251 6-7                                        |
| H-4408 8-3, 8-5, 8-9                                        | N19727 7-3, 7-7                                                                                                | S22077 2-9, 2-13                                                                                  | S22252 4-5, 4-9, 4-13                             |
| H-4410 8-5, 8-7                                             | N22778 8-3, 8-5, 8-7, 8-9, 8-11                                                                                | S22079 2-3, 2-5, 2-9, 2-11                                                                        | S22260 4-7, 4-11, 4-15                            |
| H10458 6-13                                                 | N24301 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15                                                                    | S22080 2-3, 2-5, 2-9, 2-11                                                                        | S22261 4-5, 4-9, 4-13                             |
| H10530 6-13                                                 | N27589 8-3, 8-5, 8-7, 8-9, 8-11                                                                                | S22098 1-9                                                                                        | S22268 4-7, 4-11, 4-15                            |
| H10721 12-7                                                 | N28998 6-7, 6-9, 6-11                                                                                          | S22099 1-9, 1-17                                                                                  | S22269 4-5, 4-9, 4-13                             |
| H18266 9-5, 9-7, 9-9                                        | N29048 13-3                                                                                                    | S22100 1-9, 1-11                                                                                  | S22282 6-7, 6-9, 6-11                             |
| H18267 9-3, 9-5, 9-7                                        | N31908 9-5, 9-7                                                                                                | S22101 1-9, 1-11, 1-17                                                                            | S22288 2-3, 2-5, 2-7, 2-9, 2-11, 2-13             |
| H18565 12-7                                                 | N32001 13-3                                                                                                    | S22110 1-5                                                                                        | S22295 1-7, 1-9                                   |
| H18746 8-3, 8-5, 8-7, 8-9, 8-11, 9-3, 9-5, 9-7, 9-9         | N34475 8-3, 8-5, 8-7, 8-9, 8-11                                                                                | S22112 1-5                                                                                        | S22296 1-3, 1-7, 1-9                              |
| <b>J</b>                                                    | N34476 6-5, 6-7, 6-9, 6-11, 13-3                                                                               | S22126 4-5, 4-7, 4-9, 4-11, 4-13, 4-15                                                            | S22303 1-3, 1-5                                   |
| J12281 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15                 | N34477 13-3                                                                                                    | S22127 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25                         | S22304 1-5                                        |
| <b>K</b>                                                    | N34478 6-5, 6-7, 6-9, 6-11, 13-3                                                                               | S22130 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33 | S22305 3-3                                        |
| K-3830 8-3, 8-5, 8-7, 8-9, 8-11                             | N34643 8-3, 8-5, 8-7, 8-9, 8-11                                                                                | S22135 2-3, 2-5, 2-7, 2-9                                                                         | S22310 4-3                                        |
| K-5685 9-3, 9-5, 9-7, 9-9                                   | N44710 1-20                                                                                                    | S22138 2-3, 2-5, 2-7, 2-9                                                                         | S22314 4-5, 4-7, 4-9, 4-11, 4-13, 4-15            |
| K-5688 7-3, 7-5                                             | <b>P</b>                                                                                                       | S22150 4-3                                                                                        | S22318 4-5, 4-7, 4-9, 4-11                        |
| K-5806 8-3, 8-5, 9-3, 9-5, 9-7, 9-9                         | P106023 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 1-17, 1-19, 2-3, 2-5, 2-7, 2-9, 2-11, 2-13, 3-3, 6-9, 6-11, 12-7 | S22161 6-7                                                                                        | S22328 4-3                                        |
| K21212 8-3, 8-5, 8-7, 8-9, 8-11                             | P61D20 1-20, 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15                                                              | S22174 6-3, 6-7                                                                                   | S22329 4-9                                        |
| <b>M</b>                                                    | <b>S</b>                                                                                                       | S22178 6-3, 6-9, 6-11                                                                             | S22350 4-5, 4-7, 4-9, 4-11                        |
| M-3388 1-17, 1-19, 3-3, 6-5, 8-3, 8-5, 8-7, 8-9, 8-11, 12-3 | S-1191 6-9, 6-11                                                                                               | S22188 1-17                                                                                       | S22352 6-3, 6-5, 6-7, 6-9, 6-11                   |
| <b>N</b>                                                    | S-1240 6-13                                                                                                    | S22190 9-3, 9-5, 9-7, 9-9                                                                         | S22354 6-5                                        |
| N12882 9-3, 9-5, 9-7, 9-9                                   | S-1292 11-3                                                                                                    | S22191 10-5                                                                                       | S22357 4-5, 4-7                                   |
| N13962 7-3, 7-7                                             | S-1299 13-3                                                                                                    | S22199 6-3, 6-7                                                                                   | S22358 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15       |
| N15098 6-13, 9-3, 9-5, 9-7, 9-9, 13-3                       | S-1311 7-3, 7-5, 7-8, 7-9, 7-10                                                                                | S22203 5-3, 5-5, 5-7, 5-9, 5-11, 5-13                                                             | S22360 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 10-3 |
| N15757 1-17, 1-19                                           | S-4781 6-3, 6-7                                                                                                | S22207 4-5, 4-7, 4-9, 4-11, 4-13, 4-15                                                            | S22363 4-11                                       |
| N16041 1-17, 1-19                                           | S-711 2-3, 2-5, 2-7, 2-9, 2-11, 2-13                                                                           | S22208 4-5, 4-7, 4-9, 4-11, 4-13, 4-15                                                            | S22364 4-9                                        |
| N16143 9-3, 9-5, 9-7, 9-9                                   |                                                                                                                | S22210 5-3, 5-5, 5-7, 5-9, 5-11, 5-13                                                             | S22368 4-5, 4-7, 4-9, 4-11, 4-13, 4-15            |
| N16226 12-3                                                 |                                                                                                                | S22212 4-5, 4-7, 4-9, 4-11, 4-13, 4-15                                                            | S22369 4-3                                        |
| N16257 8-3, 8-5, 8-7, 8-9, 8-11                             |                                                                                                                | S22213 5-3, 5-5, 5-7, 5-9, 5-11, 5-13                                                             | S22377 1-3, 1-5, 1-7                              |
| N17242 8-5, 8-7, 8-9                                        |                                                                                                                |                                                                                                   | S22378 1-3, 1-5, 1-7                              |
| N19164 7-10                                                 |                                                                                                                |                                                                                                   | S22379 1-9, 1-11, 1-13, 1-15                      |

|                                                                             |                                                                 |                                       |                                       |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------------------------|---------------------------------------|
| S22390 5-5, 5-7, 5-13                                                       | 19, 5-21, 5-23, 5-25                                            | S28624 12-7                           | S29970 5-36                           |
| S22391 5-5, 5-7, 5-13, 5-17, 5-21, 5-25                                     | S22714 1-3                                                      | S28625 12-7                           | S29988 6-9                            |
| S22397 6-7, 6-9, 6-11                                                       | S22715 1-3                                                      | S28626 12-7                           | S30304 5-35                           |
| S22402 6-3                                                                  | S22716 5-15, 5-17, 5-19, 5-21, 5-23, 5-25                       | S28627 12-7                           | S30305 5-35                           |
| S22403 8-3, 8-5, 8-7, 8-9, 8-11, 9-3, 9-5, 9-7, 9-9                         | S22722 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15                     | S28628 12-8                           | S30461 5-11                           |
| S22404 8-9                                                                  | S22724 5-3, 5-9, 5-11                                           | S28629 12-8                           | S30462 5-11                           |
| S22406 9-5, 9-7, 9-9                                                        | S22729 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15                     | S28630 12-7, 12-8                     | S30463 5-9, 5-13                      |
| S22407 9-5, 9-7                                                             | S22731 4-5, 4-7, 4-9, 4-11                                      | S28698 4-7, 4-11, 4-15                | S30464 5-9, 5-13                      |
| S22441 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 2-3, 2-5, 2-7, 2-9, 2-11, 2-13 | S22747 8-3, 8-5, 8-7, 8-9, 8-11                                 | S28699 4-5, 4-9, 4-13                 | S30465 5-9, 5-13                      |
| S22443 1-7                                                                  | S25977 5-11                                                     | S28709 4-7, 4-11                      | S30466 5-9, 5-13                      |
| S22444 1-7                                                                  | S25978 5-9, 5-13                                                | S28710 4-5, 4-9                       | S30744 13-3                           |
| S22471 5-7                                                                  | S25979 5-11                                                     | S28797 6-7                            | S31010 6-7                            |
| S22489 2-3, 2-5, 2-9                                                        | S25981 5-11                                                     | S28832 12-7                           | S31182 11-3                           |
| S22490 2-3, 2-5, 2-9                                                        | S25982 5-9, 5-13                                                | S29110 1-19                           | S31186 1-9, 1-11, 1-13, 1-15          |
| S22491 2-3, 2-5, 2-7, 2-9, 2-11, 2-13                                       | S25988 5-35                                                     | S29378 2-3, 2-5, 2-7, 2-9, 2-11, 2-13 | S31240 4-9, 4-11                      |
| S22492 2-3, 2-5, 2-7, 2-9, 2-11, 2-13                                       | S25989 5-35                                                     | S29777 6-9, 6-11                      | S31400 11-3, 11-5                     |
| S22496 5-27, 5-31                                                           | S25999 10-3                                                     | S29778 6-9, 6-11                      | S31607 2-7                            |
| S22497 5-27, 5-31                                                           | S26748 2-7, 2-11, 2-13                                          | S29784 1-13, 1-15                     | S31608 2-7                            |
| S22498 5-17, 5-21, 5-25, 5-27, 5-31                                         | S26749 2-7, 2-11, 2-13                                          | S29799 1-13, 1-19                     | S31736 1-3, 1-5, 1-7, 1-9, 1-13, 1-15 |
| S22513 5-3, 5-9, 5-11, 5-15, 5-19, 5-23                                     | S26750 5-23, 5-25, 5-31, 5-33                                   | S29800 1-13                           | S31741 6-11                           |
| S22514 5-15, 5-19, 5-23                                                     | S26752 5-23, 5-29, 5-31, 5-33                                   | S29815 6-9, 6-11                      | S32100 11-3, 11-5                     |
| S22515 5-15, 5-19, 5-23                                                     | S26753 5-23, 5-29, 5-31, 5-33                                   | S29816 6-9, 6-11                      | S32261 1-13, 1-15                     |
| S22530 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33           | S26760 5-23, 5-25, 5-31, 5-33                                   | S29826 6-9                            | S32263 1-13, 1-15                     |
| S22533 5-27, 5-29                                                           | S26780 5-27, 5-29, 5-31, 5-33                                   | S29831 6-9, 6-11                      | S32271 3-3                            |
| S22534 5-27, 5-29, 5-31, 5-33                                               | S26781 5-27, 5-29, 5-31, 5-33                                   | S29834 6-9, 6-11                      | S32298 5-21, 5-25                     |
| S22543 4-3                                                                  | S26782 5-27, 5-29, 5-31, 5-33                                   | S29835 6-9, 6-11                      | S32299 5-21, 5-25                     |
| S22544 4-3                                                                  | S26833 5-35                                                     | S29839 6-11                           | S32300 5-13, 5-21, 5-29               |
| S22555 3-3                                                                  | S26834 5-35                                                     | S29840 8-11                           | S32405 6-5, 6-7, 6-9, 6-11            |
| S22556 3-3                                                                  | S26925 1-15                                                     | S29841 8-11                           | S32410 6-5, 6-7, 6-9, 6-11            |
| S22574 3-3                                                                  | S27559 5-5, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-27, 5-29 | S29876 3-3                            | S32411 6-9, 6-11                      |
| S22575 1-17                                                                 | S27560 5-3                                                      | S29878 3-3                            | S32413 6-7, 6-9, 6-11                 |
| S22576 1-17                                                                 | S27567 5-35                                                     | S29886 3-3                            | S32414 2-3, 2-5, 2-7, 2-9, 2-11, 2-13 |
| S22578 1-17, 1-19                                                           | S27568 5-35                                                     | S29890 1-19                           | S32418 2-3, 2-5, 2-7, 2-9, 2-11, 2-13 |
| S22595 6-3                                                                  | S27570 5-35                                                     | S29891 1-17, 1-19                     | S32419 2-3, 2-5, 2-7, 2-9, 2-11, 2-13 |
| S22597 2-11, 2-13                                                           | S28603 1-3, 1-5                                                 | S29892 1-17, 1-19                     | S32426 2-3, 2-5, 2-7, 2-9, 2-11, 2-13 |
| S22598 2-11, 2-13                                                           | S28604 1-3, 1-5                                                 | S29893 1-13, 1-15, 1-19               | S32427 2-3, 2-5, 2-7, 2-9, 2-11, 2-13 |
| S22624 2-7                                                                  | S28609 1-7, 1-9                                                 | S29898 7-10                           | S32534 6-3, 6-5, 6-7, 6-9, 6-11       |
| S22629 2-7, 2-11, 2-13                                                      | S28610 1-7, 1-9                                                 | S29904 4-3                            | S32535 1-13, 1-15, 1-19               |
| S22630 5-15, 5-19, 5-23                                                     | S28618 12-7                                                     | S29906 4-3                            | S32536 1-13, 1-15                     |
| S22634 5-15, 5-17, 5-19, 5-21, 5-23, 5-25                                   | S28619 12-7                                                     | S29910 1-15                           | S32537 1-13, 1-15                     |
| S22707 5-15, 5-17, 5-19, 5-21, 5-23, 5-25                                   | S28620 12-7                                                     | S29911 1-15                           | S32538 1-13, 1-15                     |
| S22708 5-15, 5-17, 5-19, 5-21, 5-23, 5-25                                   | S28621 12-7                                                     | S29912 6-11                           | S32540 7-9                            |
| S22709 5-15, 5-17, 5-19, 5-21, 5-23, 5-25                                   | S28622 12-8                                                     | S29913 6-11                           | S32545 7-5, 7-8, 7-9                  |
|                                                                             | S28623 12-7                                                     | S29914 6-11                           | S32547 7-9                            |
|                                                                             |                                                                 | S29926 6-9, 6-11                      | S32550 4-3                            |
|                                                                             |                                                                 | S29929 9-9                            | S32551 4-5, 4-7, 4-9, 4-11, 4-15      |
|                                                                             |                                                                 | S29955 4-13, 4-15                     | S32556 7-7                            |
|                                                                             |                                                                 | S29958 8-3, 8-5, 8-7, 8-9, 8-11       | S32558 4-3, 7-5, 7-7                  |
|                                                                             |                                                                 | S29959 8-3, 8-5, 8-7, 8-9, 8-11       | S32570 1-11, 1-13, 1-15               |
|                                                                             |                                                                 | S29960 9-3, 9-5, 9-7, 9-9             |                                       |
|                                                                             |                                                                 | S29961 9-3, 9-5, 9-7, 9-9             |                                       |
|                                                                             |                                                                 | S29965 5-36                           |                                       |
|                                                                             |                                                                 | S29966 5-36                           |                                       |
|                                                                             |                                                                 | S29967 8-7, 8-9, 8-11, 9-9            |                                       |
|                                                                             |                                                                 | S29969 6-5, 6-9, 6-11                 |                                       |

|                                                                                                   |                                                                           |                                                                                                                         |                                                                                                                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S32571 1-11, 1-13, 1-15                                                                           | S39440 7-5, 7-8, 7-9                                                      | 25, 5-27, 5-29, 5-31, 5-33                                                                                              | 7, 8-9, 8-11, 9-3, 9-5, 9-7, 9-9, 10-3, 12-7, 12-8, 13-3                                                                                                                                                                                                                              |
| S32572 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33 | S39482 2-3, 2-5, 2-7, 2-9, 2-11, 2-13                                     | <b>V</b>                                                                                                                | W-516 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 4-5, 4-7, 4-9, 4-11, 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33, 6-3, 6-5, 6-7, 6-9, 6-11, 11-3, 11-5, 12-7, 13-3                                                                         |
| S32582 2-3, 2-5, 2-7, 2-9, 2-11, 2-13                                                             | S39487 2-3, 2-5, 2-7, 2-9, 2-11, 2-13                                     | V-3262 1-17, 1-19                                                                                                       | W-517 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 1-17, 1-19, 2-3, 2-5, 2-7, 2-9, 2-11, 2-13, 3-3, 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33, 5-36, 6-3, 6-5, 6-7, 6-9, 6-11, 7-10, 11-3, 11-5, 12-7 |
| S32584 2-9, 2-13                                                                                  | S39489 2-3, 2-5, 2-7, 2-9, 2-11, 2-13                                     | V-339 1-17, 1-19                                                                                                        | W-518 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 2-3, 2-5, 2-7, 2-9, 2-11, 2-13, 4-3, 6-9, 6-11                                                                                                                                                                                            |
| S32585 2-9, 2-13                                                                                  | S39492 2-3, 2-5, 2-7, 2-9, 2-11, 2-13                                     | V-3465 1-17, 1-19                                                                                                       | W-520 2-3, 2-5, 2-7, 2-9, 2-11, 2-13                                                                                                                                                                                                                                                  |
| S32586 2-3, 2-5, 2-9, 2-11                                                                        | S39497 2-3, 2-5, 2-7, 2-9, 2-11, 2-13                                     | <b>W</b>                                                                                                                | W-521 9-3, 9-5, 9-7, 9-9                                                                                                                                                                                                                                                              |
| S32587 2-3, 2-5, 2-9, 2-11                                                                        | S39498 2-3, 2-5, 2-9, 2-13                                                | W-1002 6-3, 6-5, 6-7                                                                                                    | W-523 5-35, 6-7, 6-13, 8-3, 8-5, 8-7, 8-9, 8-11, 9-3, 9-5, 9-7, 9-9, 12-7, 12-8, 13-3                                                                                                                                                                                                 |
| S32590 2-3, 2-5, 2-7, 2-9, 2-11, 2-13                                                             | S39499 2-3, 2-5, 2-7, 2-9, 2-11, 2-13                                     | W-106 6-13                                                                                                              | W-525 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 4-5, 4-7, 4-9, 4-11, 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33, 5-36, 6-3, 6-5, 6-7, 6-9, 6-11, 7-10, 11-3, 11-5, 12-7                                                                   |
| S32593 4-3                                                                                        | S39500 5-13, 5-21, 5-29                                                   | W-131 12-7, 12-8                                                                                                        | W-526 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 1-17, 1-19, 2-3, 2-5, 2-7, 2-9, 2-11, 2-13, 3-3, 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33, 6-3, 6-5, 6-7, 6-9, 6-11, 7-10, 11-3, 11-5, 12-7       |
| S32594 4-3                                                                                        | S39502 2-3, 2-5, 2-7, 2-9, 2-11, 2-13                                     | W-1383 7-3, 7-5, 7-8, 7-9, 7-10                                                                                         | W-527 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 2-3, 2-5, 2-7, 2-9, 2-11, 2-13, 4-3, 6-9, 6-11                                                                                                                                                                                            |
| S32595 6-5, 6-7, 6-9                                                                              | S39520 12-3                                                               | W-1416 7-3, 7-5, 7-8, 7-9                                                                                               |                                                                                                                                                                                                                                                                                       |
| S32736 6-13                                                                                       | S39527 5-21, 5-25                                                         | W-1474 7-3, 7-5, 7-8, 7-9, 7-10                                                                                         |                                                                                                                                                                                                                                                                                       |
| S33404 4-3                                                                                        | S39530 5-5, 5-13, 5-17, 5-21, 5-25, 5-29, 5-33                            | W-1475 7-3, 7-5, 7-8, 7-9                                                                                               |                                                                                                                                                                                                                                                                                       |
| S33479 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 2-9, 2-11                                            | S39540 2-3, 2-5, 2-7, 2-9, 2-11, 2-13                                     | W-1537 7-3, 7-5, 7-8, 7-9, 7-10                                                                                         |                                                                                                                                                                                                                                                                                       |
| S33494 9-3, 9-5, 9-7                                                                              | S39785 5-17, 5-21, 5-25                                                   | W-1538 7-3, 7-5, 7-8, 7-9                                                                                               |                                                                                                                                                                                                                                                                                       |
| S33495 9-3, 9-5, 9-7                                                                              | S39787 5-17, 5-21, 5-25                                                   | W-1552 1-17, 1-19                                                                                                       |                                                                                                                                                                                                                                                                                       |
| S33590 1-9, 1-11, 1-13, 1-15, 2-9, 2-11, 2-13                                                     | S39789 5-29, 5-33                                                         | W-1553 12-7                                                                                                             |                                                                                                                                                                                                                                                                                       |
| S33753 6-7                                                                                        | S39791 5-29, 5-33                                                         | W-1558 8-3, 8-5, 8-7, 8-9, 8-11                                                                                         |                                                                                                                                                                                                                                                                                       |
| S33754 6-7                                                                                        | S39793 5-29, 5-33                                                         | W-3328 7-8, 7-9, 7-10                                                                                                   |                                                                                                                                                                                                                                                                                       |
| S33755 6-5, 6-7                                                                                   | S39800 5-25, 5-33                                                         | W-4181 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33, 6-7, 6-9, 6-11       |                                                                                                                                                                                                                                                                                       |
| S33883 6-5, 6-7, 6-9, 6-11                                                                        | S39801 5-29, 5-33                                                         | W-450 4-9, 4-11, 4-13, 4-15                                                                                             |                                                                                                                                                                                                                                                                                       |
| S33910 6-13                                                                                       | S39975 5-35                                                               | W-475 6-5, 12-7, 12-8                                                                                                   |                                                                                                                                                                                                                                                                                       |
| S33937 6-5                                                                                        | S39991 7-7                                                                | W-476 2-3, 2-5, 2-7, 2-9, 2-11, 2-13, 6-9, 6-11                                                                         |                                                                                                                                                                                                                                                                                       |
| S33938 6-5                                                                                        | S40300 12-3                                                               | W-477 10-3                                                                                                              |                                                                                                                                                                                                                                                                                       |
| S33939 6-5                                                                                        | S40305 12-3                                                               | W-478 6-13                                                                                                              |                                                                                                                                                                                                                                                                                       |
| S33940 6-5                                                                                        | S40309 12-3                                                               | W-488 6-3, 6-5, 6-7, 6-9, 6-11, 13-3                                                                                    |                                                                                                                                                                                                                                                                                       |
| S34114 8-7, 8-9, 8-11                                                                             | S40310 12-3                                                               | W-490 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 11-3, 11-5                                                                  |                                                                                                                                                                                                                                                                                       |
| S34115 8-7, 8-9, 8-11                                                                             | S40312 12-3                                                               | W-493 7-5, 7-8, 7-9                                                                                                     |                                                                                                                                                                                                                                                                                       |
| S34116 8-7, 8-9, 8-11                                                                             | S40315 12-3                                                               | W-495 3-3, 7-7                                                                                                          |                                                                                                                                                                                                                                                                                       |
| S34168 13-3                                                                                       | S40320 12-3                                                               | W-496 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15, 6-5                                                                         |                                                                                                                                                                                                                                                                                       |
| S34169 13-3                                                                                       | S40345 12-3                                                               | W-497 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15                                                                              |                                                                                                                                                                                                                                                                                       |
| S34182 6-5, 6-7, 6-9, 6-11                                                                        | S40465 1-3, 1-5, 1-7                                                      | W-498 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25, 5-27, 5-29, 5-31, 5-33, 5-36, 6-9, 6-11, 7-10 |                                                                                                                                                                                                                                                                                       |
| S34185 6-5, 6-7, 6-9, 6-11                                                                        | S44268 1-11                                                               | W-500 11-3, 11-5                                                                                                        |                                                                                                                                                                                                                                                                                       |
| S34188 6-5, 6-7, 6-9, 6-11                                                                        | S44269 1-11                                                               | W-512 9-3, 9-5, 9-7, 9-9                                                                                                |                                                                                                                                                                                                                                                                                       |
| S34196 2-3, 2-5, 2-7, 2-9, 2-11, 2-13                                                             | S44290 2-3, 2-5, 2-7, 2-9, 2-11, 2-13                                     | W-514 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 5-35, 6-7, 6-13, 8-3, 8-5, 8-9                                              |                                                                                                                                                                                                                                                                                       |
| S34350 6-13                                                                                       | S44715 1-20                                                               |                                                                                                                         |                                                                                                                                                                                                                                                                                       |
| S34458 13-3                                                                                       | S44716 1-20                                                               |                                                                                                                         |                                                                                                                                                                                                                                                                                       |
| S34460 13-3                                                                                       | S44717 1-20                                                               |                                                                                                                         |                                                                                                                                                                                                                                                                                       |
| S34465 13-3                                                                                       | S44795 5-35                                                               |                                                                                                                         |                                                                                                                                                                                                                                                                                       |
| S34466 13-3                                                                                       | S44799 5-35                                                               |                                                                                                                         |                                                                                                                                                                                                                                                                                       |
| S34476 6-3                                                                                        | S45720 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 7-8                               |                                                                                                                         |                                                                                                                                                                                                                                                                                       |
| S34477 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15                                                       | <b>T</b>                                                                  |                                                                                                                         |                                                                                                                                                                                                                                                                                       |
| S34478 6-3                                                                                        | T-5245 7-5, 7-7, 7-8, 7-9                                                 |                                                                                                                         |                                                                                                                                                                                                                                                                                       |
| S34618 6-3                                                                                        | T-5266 5-3, 5-5, 5-7, 5-9, 5-11, 5-13, 5-15, 5-17, 5-19, 5-21, 5-23, 5-25 |                                                                                                                         |                                                                                                                                                                                                                                                                                       |
| S35078 11-3                                                                                       |                                                                           |                                                                                                                         |                                                                                                                                                                                                                                                                                       |
| S35079 11-3                                                                                       |                                                                           |                                                                                                                         |                                                                                                                                                                                                                                                                                       |
| S39391 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15                                                       |                                                                           |                                                                                                                         |                                                                                                                                                                                                                                                                                       |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| W-535 1-13, 1-15, 3-3, 4-3, 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 6-3, 6-5, 6-7, 6-9, 6-11, 6-13, 12-3<br>W-538 1-17, 1-19<br>W-539 6-3, 12-3, 13-3<br>W-540 4-5, 4-7<br>W-558 4-5, 4-7, 4-9, 4-11, 4-13, 4-15, 6-7<br>W-63 1-3, 1-5, 1-7, 1-9, 1-11, 1-13, 1-15<br>W-867 12-3<br>W-907 6-13, 12-7, 12-8<br>W-995 4-5, 4-7, 4-9, 4-11, 6-3<br>W12884 7-5<br>W14434 1-3, 1-5, 1-7, 1-9, 1-13, 1-15, 4-3, 11-5<br>W14600 7-8, 7-9, 7-10<br>W14968 6-13<br>W21962 9-5, 9-7<br>W21963 9-3, 9-5, 9-7 |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|



**CORPORATE OFFICE AND TRAINING CENTRE**

2131 Airport Drive  
Saskatoon, SK, Canada S7L 7E1  
Tel: (306) 933-8585 Fax: (306) 933-8626  
[www.morris-industries.com](http://www.morris-industries.com)

**MANUFACTURING AND  
RESEARCH & DEVELOPMENT**

85 York Road Yorkton, SK, Canada S3N 3Z4  
Tel: (306) 783-8585 Fax: (306) 782-5250

**MANUFACTURING**

284 - 6th Ave. N.W.  
Minnedosa, MB, Canada R0J 1E0  
Tel: (204) 867-2713 Fax: (204) 867-2678

**UNITED STATES OFFICE**

P.O. Box 1117  
Minot, ND, USA 58702-1117  
Tel: 1-866-663-8515  
Fax: 1-866-663-8535

The policy of Morris Industries Ltd. is one of continuing improvement, therefore, the company reserves the right to change any specification without notice.