

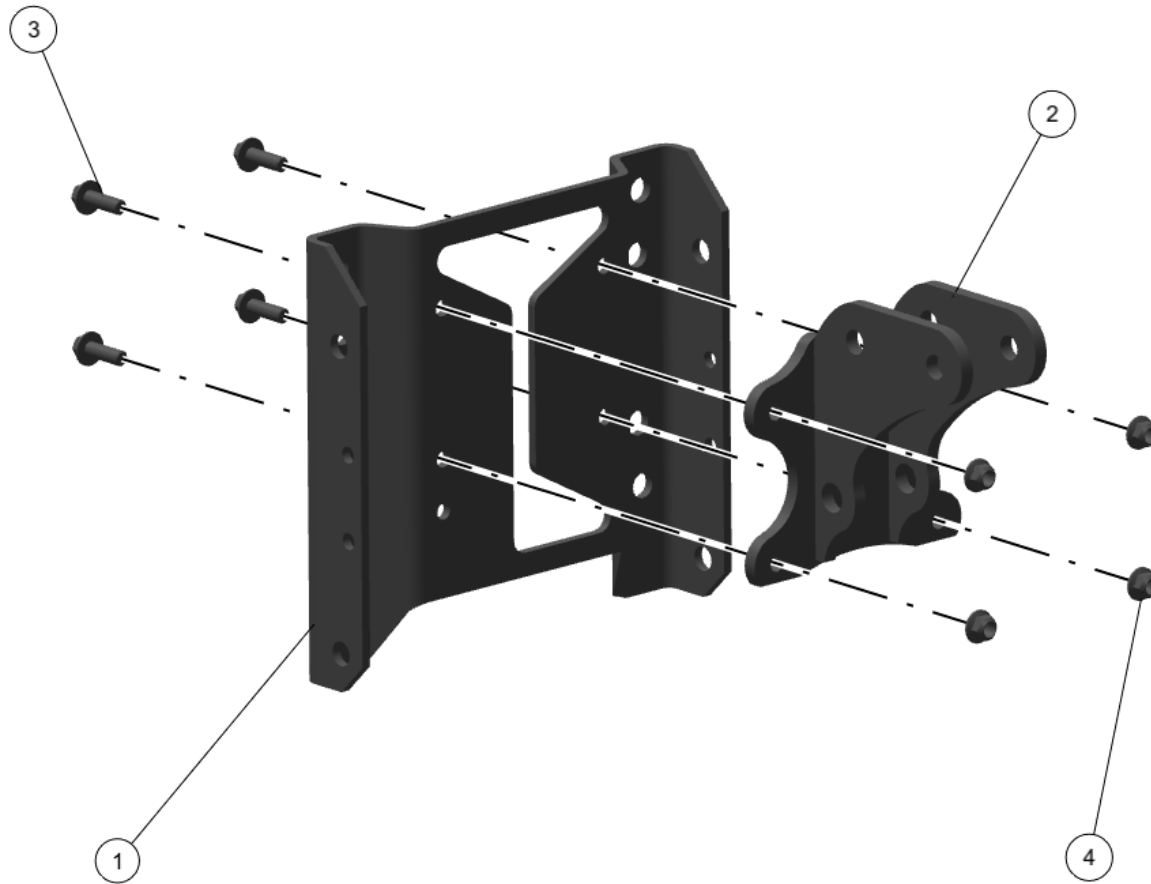
# **Precision Planting Ready Row Unit 2.0**

## **Service Parts Manual**

## Table of Contents

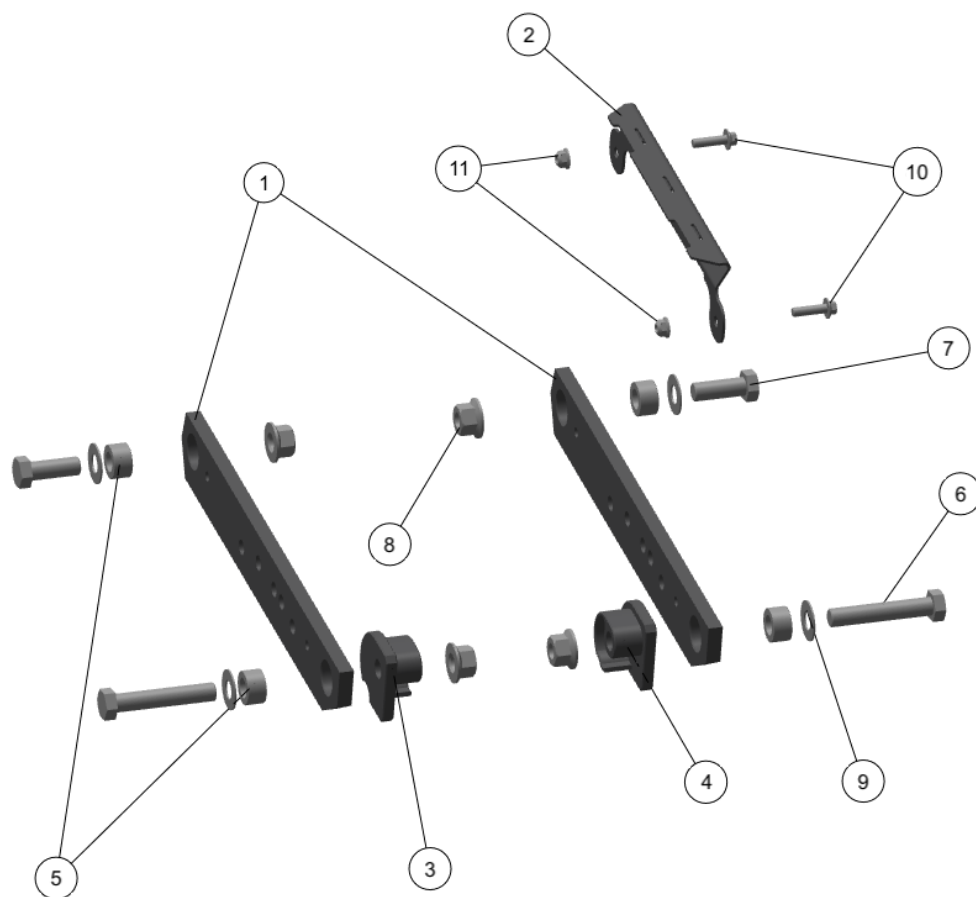
|                                     |    |
|-------------------------------------|----|
| W Plate .....                       | 3  |
| Upper Parallel Arm Assembly .....   | 4  |
| Lower Parallel Arm Assembly .....   | 5  |
| Goal Post Assembly .....            | 6  |
| Gauge Wheel Arms.....               | 7  |
| Gauge Wheels.....                   | 8  |
| Disc Opener and Hub Assembly .....  | 9  |
| Shank Assembly.....                 | 10 |
| Depth Adjustment Assembly .....     | 11 |
| Seed Tube/SpeedTube Guard .....     | 12 |
| Load Cell Wire Retainer Cover ..... | 13 |
| Closing Assembly .....              | 14 |
| Closing System Adjustment .....     | 15 |

## W Plate Assembly



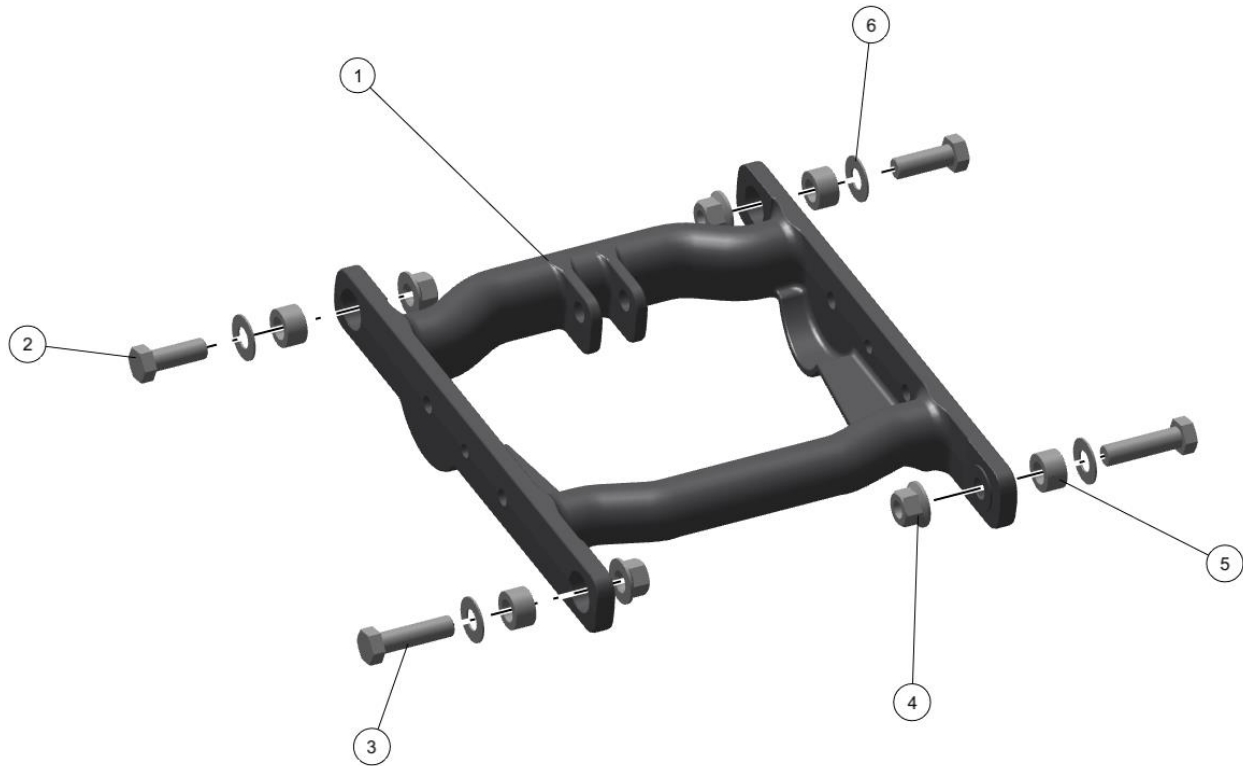
| Item No. | Part Number | Part Name                       | QTY: | Remarks        |
|----------|-------------|---------------------------------|------|----------------|
| 1        | ACW3803570  | W Plate                         | 1    |                |
| 2        | ACW7139300  | DeltaForce Upper Cylinder Mount | 1    | 729689         |
| 3        | 3009207X1   | Hex Flange Bolt                 | 4    | M10-1.5 x 30mm |
| 4        | 5000029X1   | Hex Flange Locknut              | 4    | M10-1.5        |

## Upper Parallel Arm Assembly



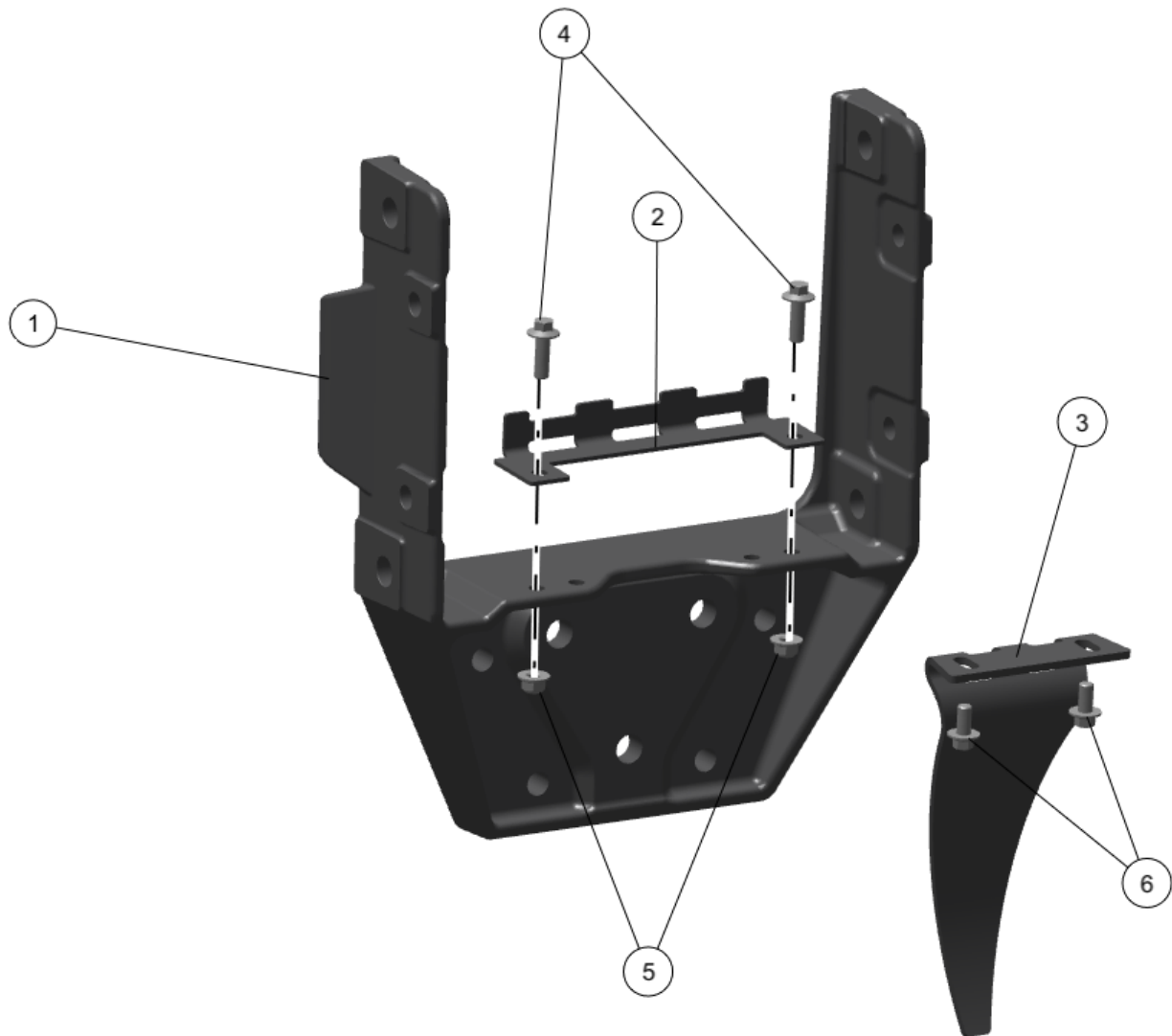
| Item No. | Part Number | Part Name                      | QTY: | Remarks                      |
|----------|-------------|--------------------------------|------|------------------------------|
| 1        | ACX2692680  | Upper Parallel Link            | 2    |                              |
| 2        | ACW3803710  | Harness Bracket (Parallel Arm) | 1    |                              |
| 3        | ACW9148040  | Right Hopper Donut             | 1    | 736236                       |
| 4        | ACW9148030  | Left Hopper Donut              | 1    | 736237                       |
| 5        | ACX2647320  | Bushing                        | 4    | .875" OD x .657 ID x .563" L |
| 6        | 339881X1    | Hex Bolt                       | 2    | M16-2.0 x 60mm               |
| 7        | 391284X1    | Hex Bolt                       | 2    | M16-2.0 x 45mm               |
| 8        | 5000031X1   | Flange Locknut                 | 4    | M16-2.0                      |
| 9        | K4666       | Flat Washer                    | 4    | .656" ID x 1.375" OD         |
| 10       | 3012154X1   | Hex Flange Bolt                | 2    | M8-1.25 x 30mm               |
| 11       | 5000028X1   | Hex Flange Locknut             | 2    | M8-1.25                      |

## Lower Parallel Arm Assembly



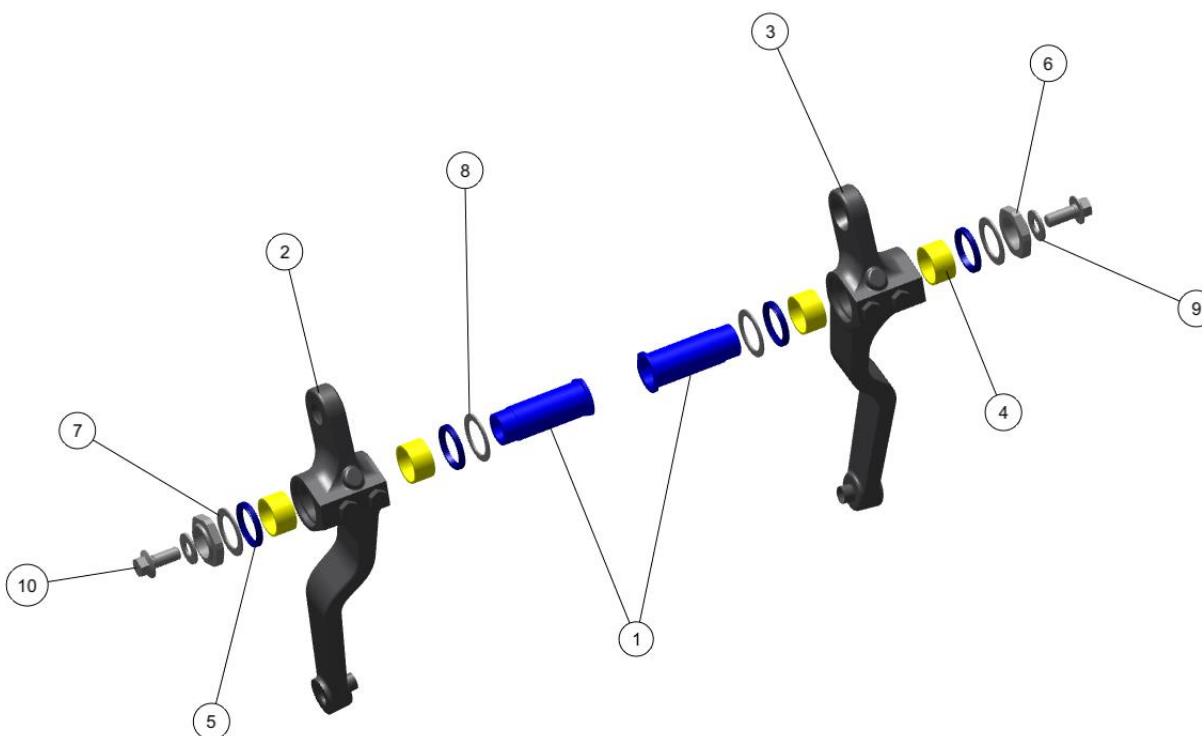
| Item No. | Part Number | Part Name          | QTY: | Remarks                      |
|----------|-------------|--------------------|------|------------------------------|
| 1        | ACX3937600  | Lower Parallel Arm | 1    |                              |
| 2        | 7883796     | Hex Bolt           | 2    |                              |
| 3        | 339881X1    | Hex Bolt           | 2    | Rear, lower parallel bolt    |
| 4        | 5000031X1   | Nut                | 4    |                              |
| 5        | ACX2647320  | Bushing            | 4    | .875" OD x .657 ID x .563" L |
| 6        | K4666       | Washer             | 4    |                              |

## Goal Post



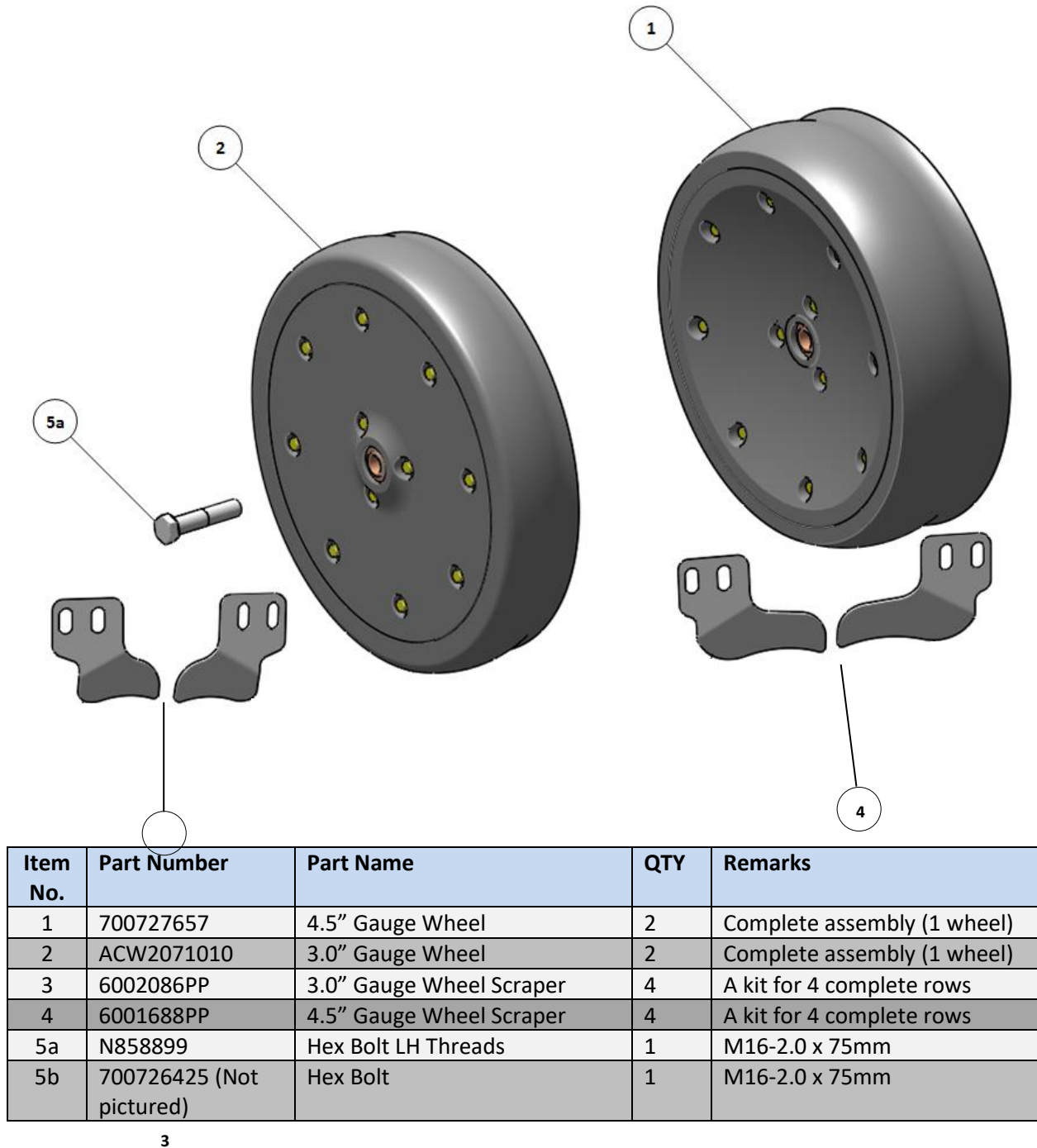
| Item No. | Part Number | Part Name                 | QTY: | Remarks          |
|----------|-------------|---------------------------|------|------------------|
| 1        | ACX2692630  | Goal Post                 | 1    |                  |
| 2        | ACW3803700  | Harness Bracket Goal Post | 1    | Harness Tie Down |
| 3        | ACW3818200  | Disc Opener Guard         | 1    | Shield-Disc      |
| 4        | 3012153X1   | Hex Flange Bolt           | 2    | M8-1.25 x 25mm   |
| 5        | 5000028X1   | Hex Flange Locknut        | 2    | M8-1.25          |
| 6        | 3009920X1   | Hex Flange Bolt           | 2    | M8-1.25 x 16mm   |

## Gauge Wheel Arms

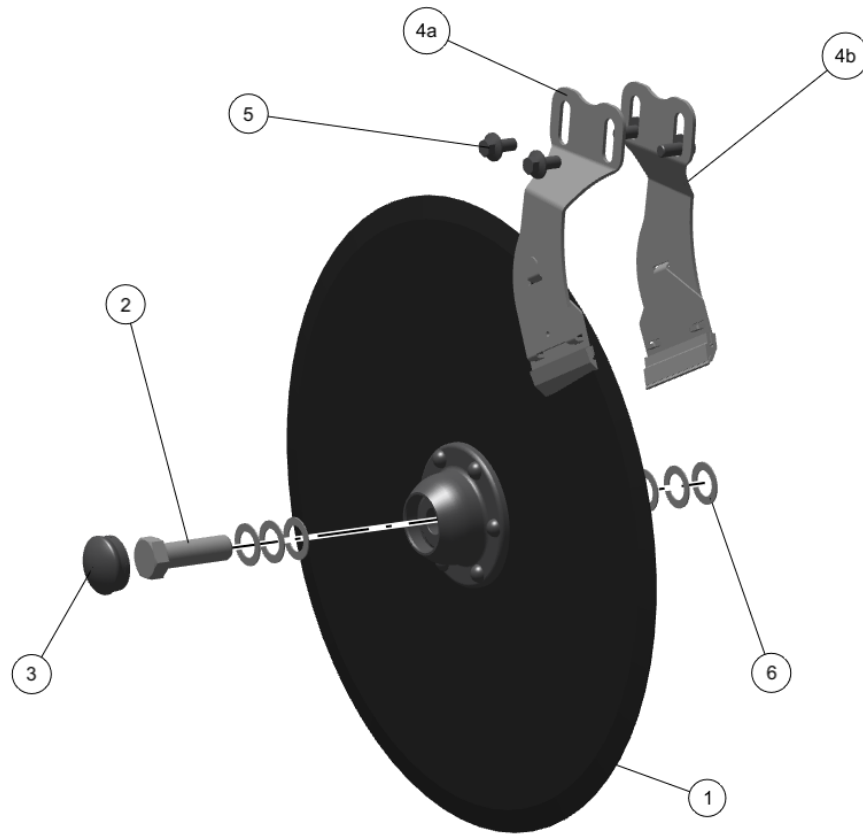


| Item No. | Part Number | Part Name                     | QTY: | Remarks                     |
|----------|-------------|-------------------------------|------|-----------------------------|
| 1        | ACX2692780  | Hex Bushing                   | 2    | 1.5"                        |
| 2        | ACX2692730  | Gauge Wheel Arm RH            | 1    | Includes bushings and seals |
| 3        | ACX2692710  | Gauge Wheel Arm LH            | 1    | Includes bushings and seals |
| 4        | ACX2476000  | Bushing (Blue)                | 2    | Ploy Bushing - 2 per arm    |
| 5        | 700738365   | Seal (Dark Blue)              | 4    | 2 per arm                   |
| 6        | 700741723   | Stake nut                     | 2    |                             |
| 7        | 700183703   | Spacer                        | 2    | 31 x 45 x 2 mm              |
| 8        | 700177943   | Spacer                        | 2    | 33 X 45 X 2MM               |
| 9        | 6379820     | Hardened Washer               | 2    | ½" x 1.15" OD               |
| 10       | ACW1040910  | Hex flange head machine screw | 2    | M12-1.75 x 30mm             |

## Gauge Wheels (3" & 4.5")

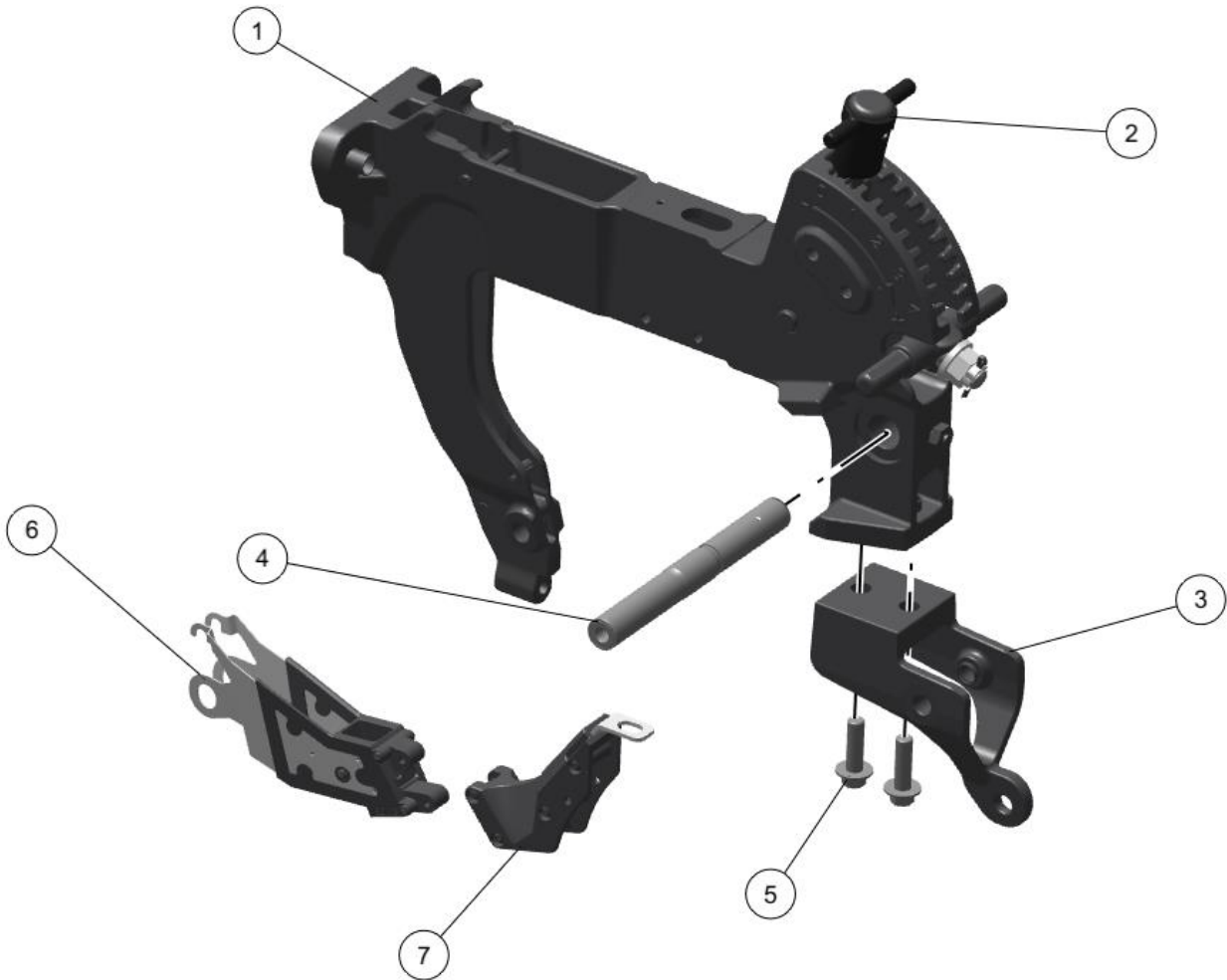


## Disc Opener & Hub Assembly



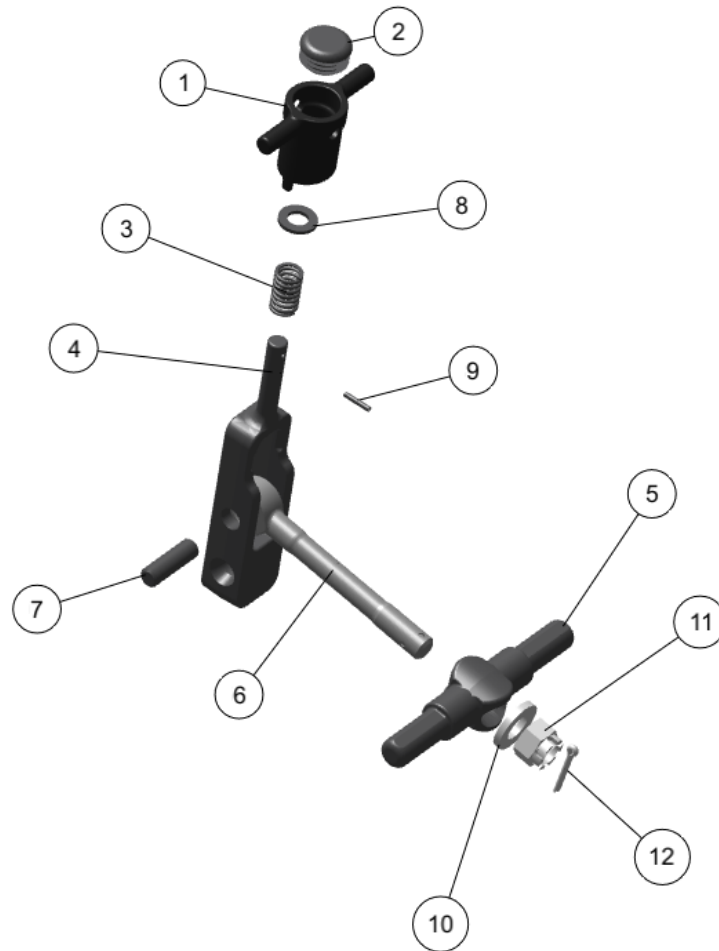
| Item No. | Part Number | Part Name             | QTY | Remarks                   |
|----------|-------------|-----------------------|-----|---------------------------|
| 1        | 700172776   | Disc and Hub Assembly | 1   |                           |
| 2        | 700172781   | Hex Bolt LH Threads   | 1   | M16-2.0 x 50mm LH Threads |
| 2a       | 3009132X1   | Hex Bolt RH Threads   | 1   | M16-2.0 x 50mm            |
| 3        | 700738397   | Hub Cap               | 2   |                           |
| 4a       | ACW4003050  | Disc Scraper LH       | 1   |                           |
| 4b       | ACW4003040  | Disc Scraper RH       | 1   |                           |
| 5        | 3009920X1   | Hex Flange Bolt       | 4   | M8-1.25 x 16mm            |

## Shank Assembly



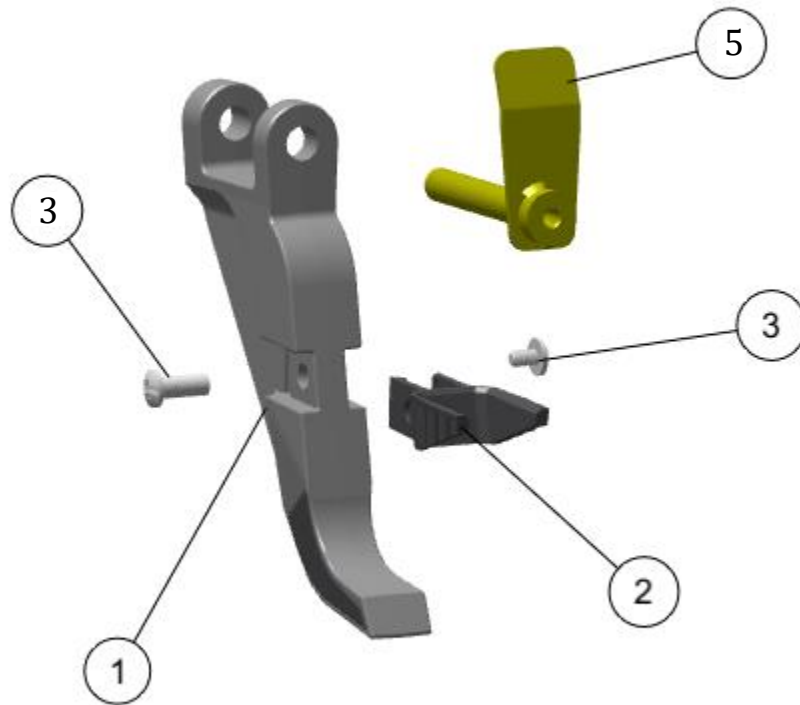
| Item No. | Part Number | Part Name                    | QTY: | Remarks                        |
|----------|-------------|------------------------------|------|--------------------------------|
| 1        | ACX3648490  | Shank Assembly               | 1    | Includes cast shank piece only |
| 2        |             | Depth Adjustment Assembly    | 1    | See Depth adjustment page      |
| 3        | ACX2693420  | Closing Wheel Pivot          | 1    |                                |
| 4        | ACX2900490  | Threaded Rod                 | 1    |                                |
| 5        | 3009222X1   | Hex Flange Bolt              | 2    | M12-1.75 x 40mm                |
| 6        | ACX2051830  | Quick Attach Bracket         | 1    | 150123                         |
| 7        | ACX2450690  | Quick Attach Support Bracket | 1    | 150147                         |

## Depth Adjustment Assembly



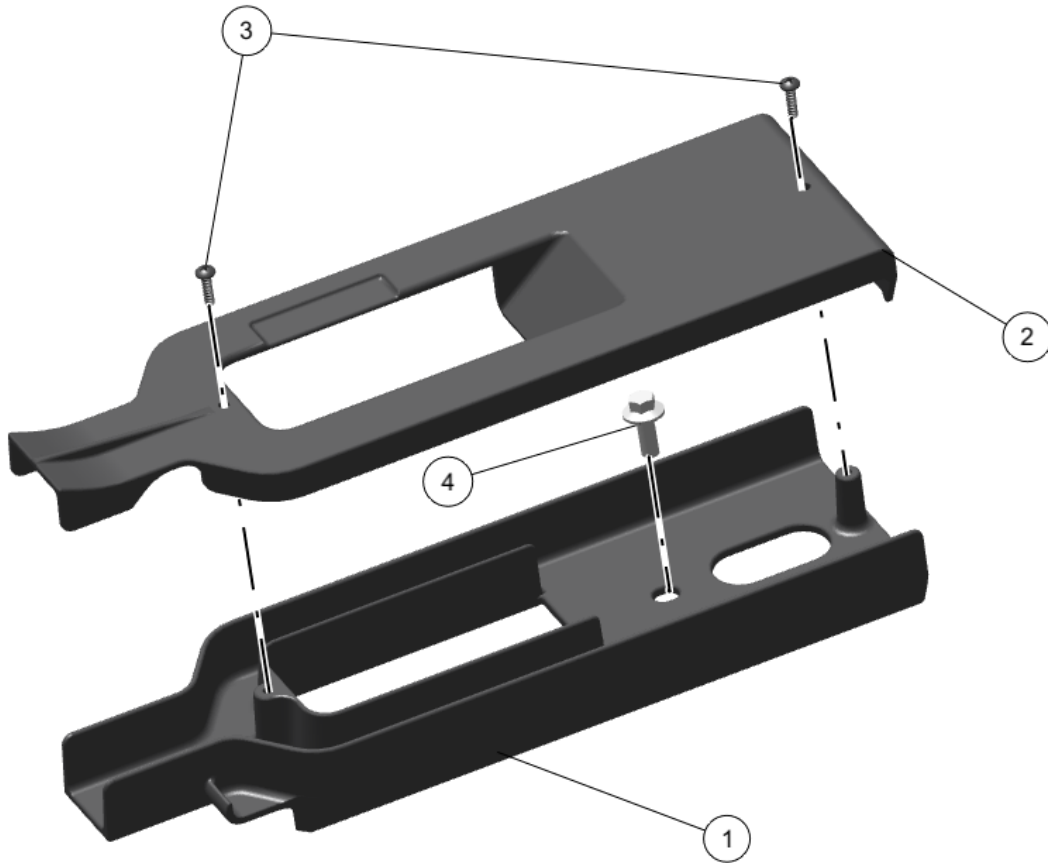
| Item No. | Part Number | Part Name              | QTY: | Remarks |
|----------|-------------|------------------------|------|---------|
| 1        | ACW9582650  | Depth Handle           | 1    |         |
| 2        | 700172774   | Plug                   | 1    |         |
| 3        | 704406      | Compression Spring     | 1    |         |
| 4        | ACX2874220  | Depth Adjustment Lever | 1    |         |
| 5        | 700728296   | Equalizer Arm          | 1    |         |
| 6        | ACX2692790  | Eyebolt                | 1    |         |
| 7        | ACX3104700  | Lever pin              | 1    |         |
| 8        | 390735X1    | Washer                 | 1    |         |
| 9        | 70924764    | Cotter Pin             | 1    |         |
| 10       | Y705582     | Washer                 | 1    |         |
| 11       | ACW1518620  | Castle Nut             | 1    |         |
| 12       | 62182       | Cotter Pin             | 1    |         |

## Seed Tube/SpeedTube Guard



| Item No. | Part Number | Part Name               | QTY: | Remarks      |
|----------|-------------|-------------------------|------|--------------|
| 1        | ACX3615990  | SpeedTube Guard         | 1    |              |
| 2        | ACW1392710  | SpeedTube Guard Clip    | 1    | 768408       |
| 3        | 768420      | Clip Screw and retainer | 1    |              |
| 4        | ACX364855A  | SeedTube Guard          | 1    | Not pictured |
| 5        | ACX3623770  | Guard Pin               | 1    |              |

## Load Cell Wire Retainer Cover



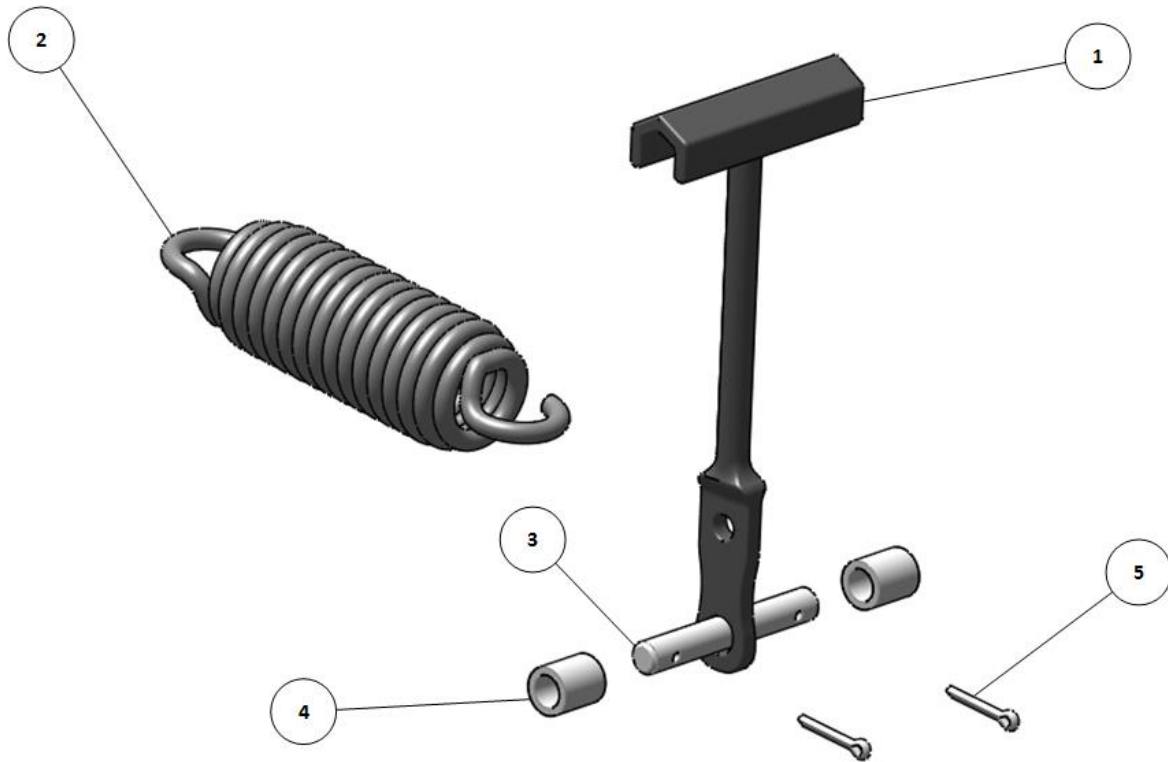
| Item No. | Part Number | Part Name | QTY: | Remarks                       |
|----------|-------------|-----------|------|-------------------------------|
| 1        | ACX3026500  | Bottom    | 1    |                               |
| 2        | ACX3026510  | Top       | 1    |                               |
| 3        | ACW1648010  | Screws    | 2    | Holds top and bottom together |
| 4        | 3012141X1   | Screw     | 1    | Attaches cover to the shank   |

## Closing Assembly



| Item No. | Part Number | Part Name          | QTY: | Remarks                       |
|----------|-------------|--------------------|------|-------------------------------|
| 1        | ACX2692810  | Closing Tail Frame | 1    |                               |
| 2        | 700733937   | Adjustment Handle  | 1    |                               |
| 3        | 3009235X1   | Hex Flange Bolt    | 2    | M16-2.0 x 30mm                |
| 4        | ACX2647320  | Bushing            | 2    | .875" OD x .657" ID x .563" L |
| 5        | ACX3481120  | Closing Wheel      | 1    | Cast Iron                     |
| 6        | 700727676   | Closing Wheel      | 1    | Solid Rubber                  |
| 7        | N858979     | Hex Bolt           | 1    | M16-2.0 x 95mm                |
| 8        | WZ5856      | Spacer             | 3    | .875" OD x .657" ID x .320" L |
| 9        | 700725080   | Hex Nut            | 1    | M16-2.0                       |

## Closing System Adjustment



| Item No. | Part Number | Part Name         | QTY: | Remarks                     |
|----------|-------------|-------------------|------|-----------------------------|
| 1        | 700733937   | Adjustment Handle | 1    |                             |
| 2        | 700733416   | Spring            | 1    |                             |
| 3        | 700172782   | Dowel Pin         | 1    | M12 x 92                    |
| 4        | 700149067   | Plated Spacer     | 2    | .75" OD x .505 ID x .875" L |
| 5        | 354066X1    | Cotter Pin        | 2    | 5/32" x 1                   |