



Airbar<sup>®</sup> Parts List

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Contact Info:

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Parts Order Information:

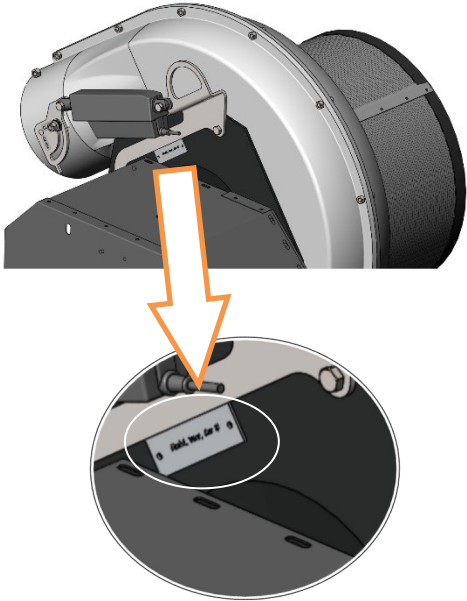
To best fulfill your parts requirements, Gather the following information before contacting us:

- Header Make / Model
- AWS Fan SN (location shown in picture)

If you have any questions regarding the suitability of the parts you receive, please call the above number ASAP so that we can assist in ensuring the parts are correct and used properly.

Fan Serial Number Location

The serial number plate for the fan is located on the fan mounting plate, below the throttle actuator mounting bracket.



Drive Identification

AWS uses 3 different secondary belt drive ratios depending on combine model; parts in this book are referenced as "A", "B" or "C" Drive for simplification. There are 2 methods of identifying the drive ratio:

1. Via the serial number (Either the 4<sup>th</sup> or 6<sup>th</sup> digit of the SN will be A,B or C)
2. Via combine manufacturer:

A Drive - John Deere, Case IH (Max 550 rpm Input)

B Drive - Gleaner, New Holland, Cat (550-600 rpm Input)

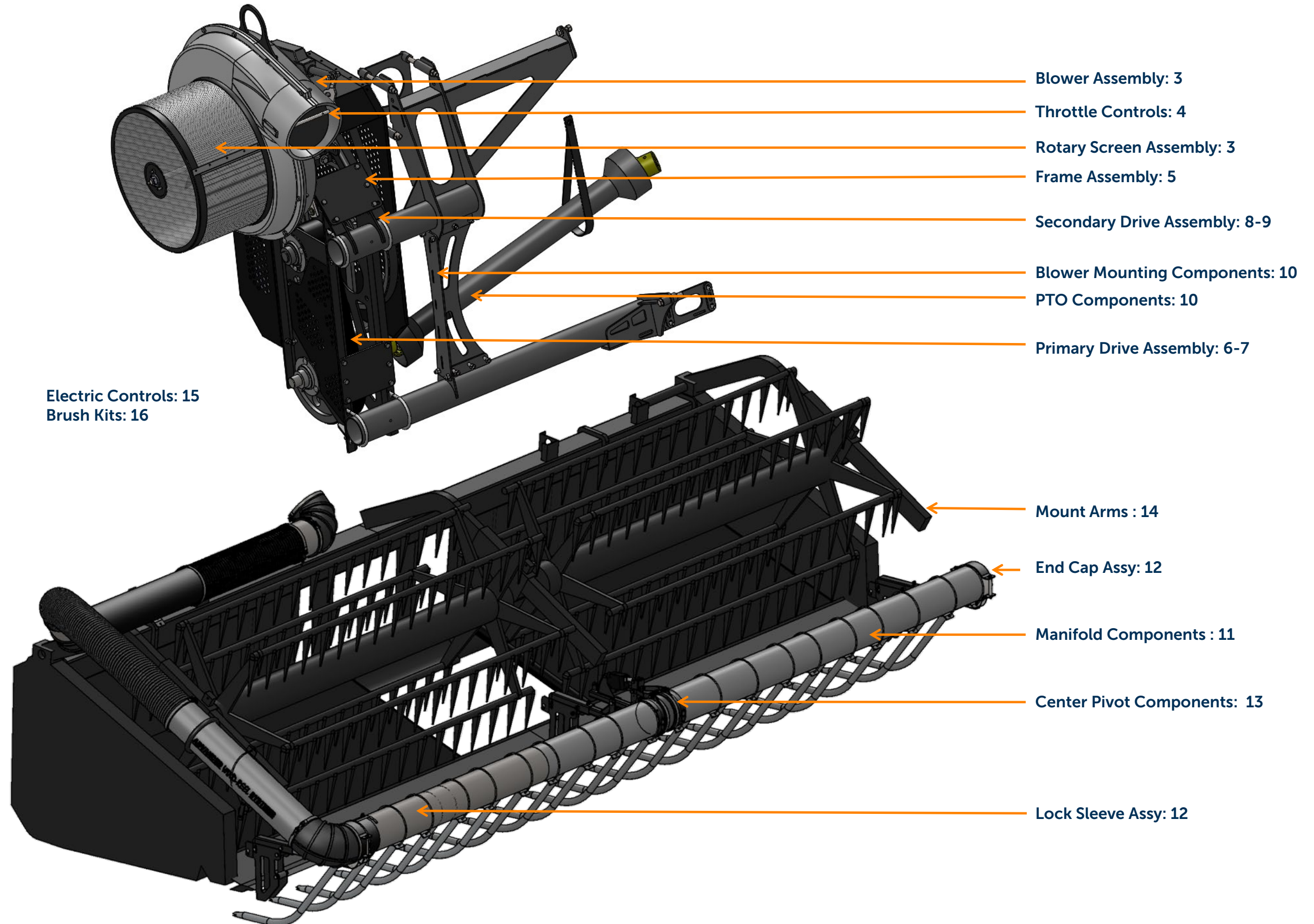
C Drive – Claas (600-720 rpm Input)

Terms and Conditions:

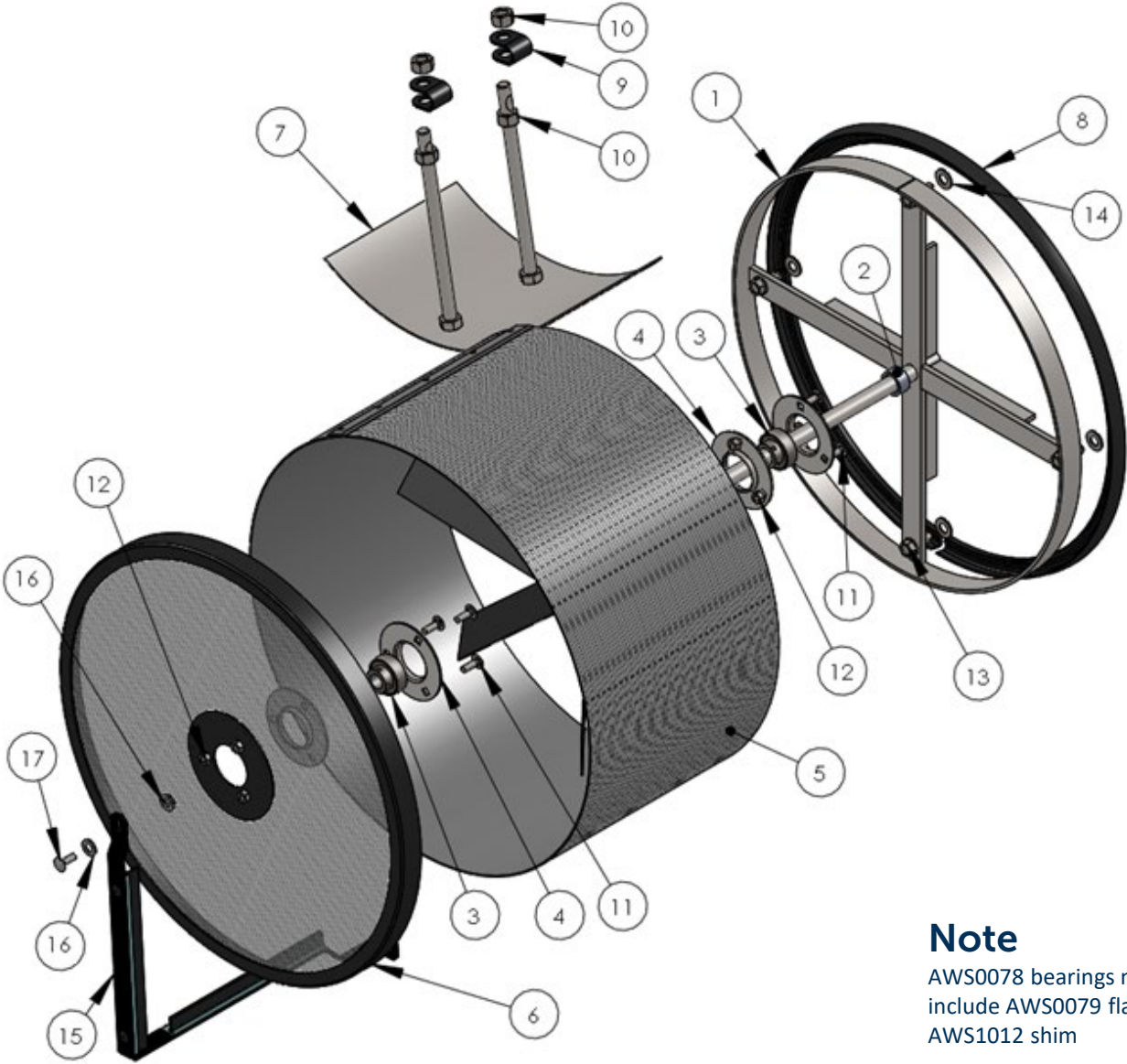
1. All goods are F.O.B Mitchell, Ontario, Canada or Minot, ND USA
2. All Parts include 30 day warranty of defects.
3. Please indicate preferred shipment method with order (due to our shipping volume it is typically most cost effective to have parts shipped out prepaid, with shipping costs shown on the parts invoice).
4. Returns accepted within 12 months of purchase, must be unused and are subject to a 10% handling fee. They must be shipped back to AWS prepaid with prior authorization.



# Table of Contents



Rotary Screen Assembly

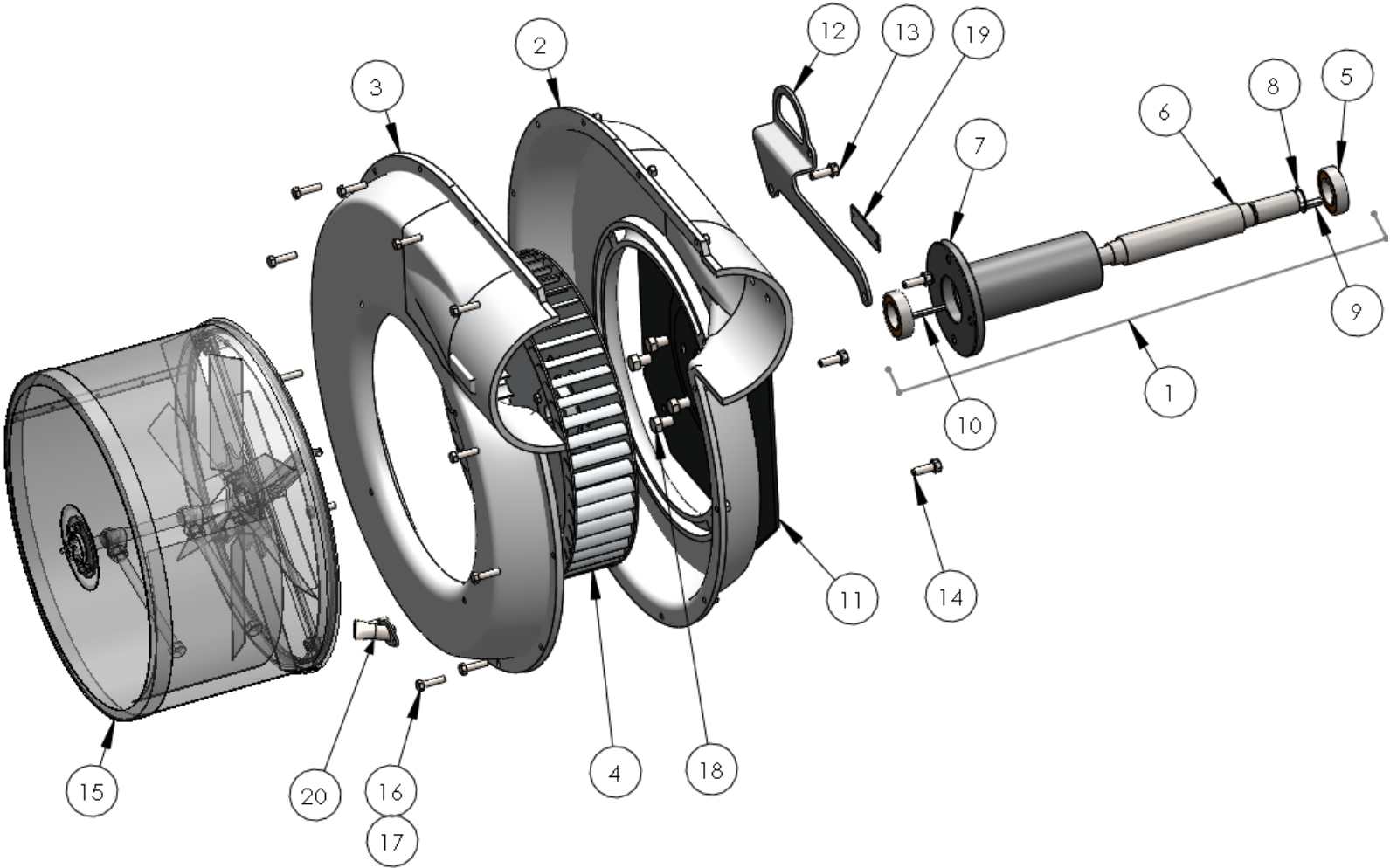


**Note**  
AWS0078 bearings now  
include AWS0079 flanges &  
AWS1012 shim

| Ref. | Part Number        | Description                                                                        | Qty.   |
|------|--------------------|------------------------------------------------------------------------------------|--------|
| 1    | AWS0076            | Rotary Screen Support                                                              | 1      |
| 2    | AWS0228            | Rotary Screen Spacer, 3/4 x 1/2                                                    | 1      |
| 3    | AWS0078            | Bearing, Rotary Screen, AS202-101<br>(Includes 2x AWS0079 Flange<br>&AWS1012 Shim) | 2      |
| 4    | AWS0079<br>AWS1012 | Bearing Flange, PF203<br>Shim, PF203                                               | 4<br>1 |
| 5    | AWS0077R           | Rotary Screen, Right                                                               | 1      |
| 6    | AWS0080            | Rotary Screen Cap                                                                  | 1      |
| 7    | AWS0081            | Clean Out Plate                                                                    | 1      |
| 8    | AWS0088            | Rotary Screen Seal                                                                 | Opt    |

| Ref. | Part Number | Description                        | Qty. |
|------|-------------|------------------------------------|------|
| 9    | AWS0082     | Clevis                             | 2    |
| 10   |             | 1/2 nc Lock Nut                    | 4    |
| 11   |             | Bolt, 1/4nc x 3/4 Carriage         | 6    |
| 12   |             | Nut, 1/4 nc Nylock                 | 6    |
| 13   |             | Bolt 3/8 nc x 1 Self Tapping       | 4    |
| 14   |             | Washer, 3/8 Flat                   | 4    |
| 15   | AWS0083     | Rotary Screen Brush Assy           | 1    |
| 16   |             | Washer, 5/16 Flat                  | AR   |
| 17   |             | 1/4nc x3/4 Button Head Cap, SS     | 1    |
|      | AWS0230     | Rotary Screen Assembly (Incl 1-14) |      |

Blower Assembly

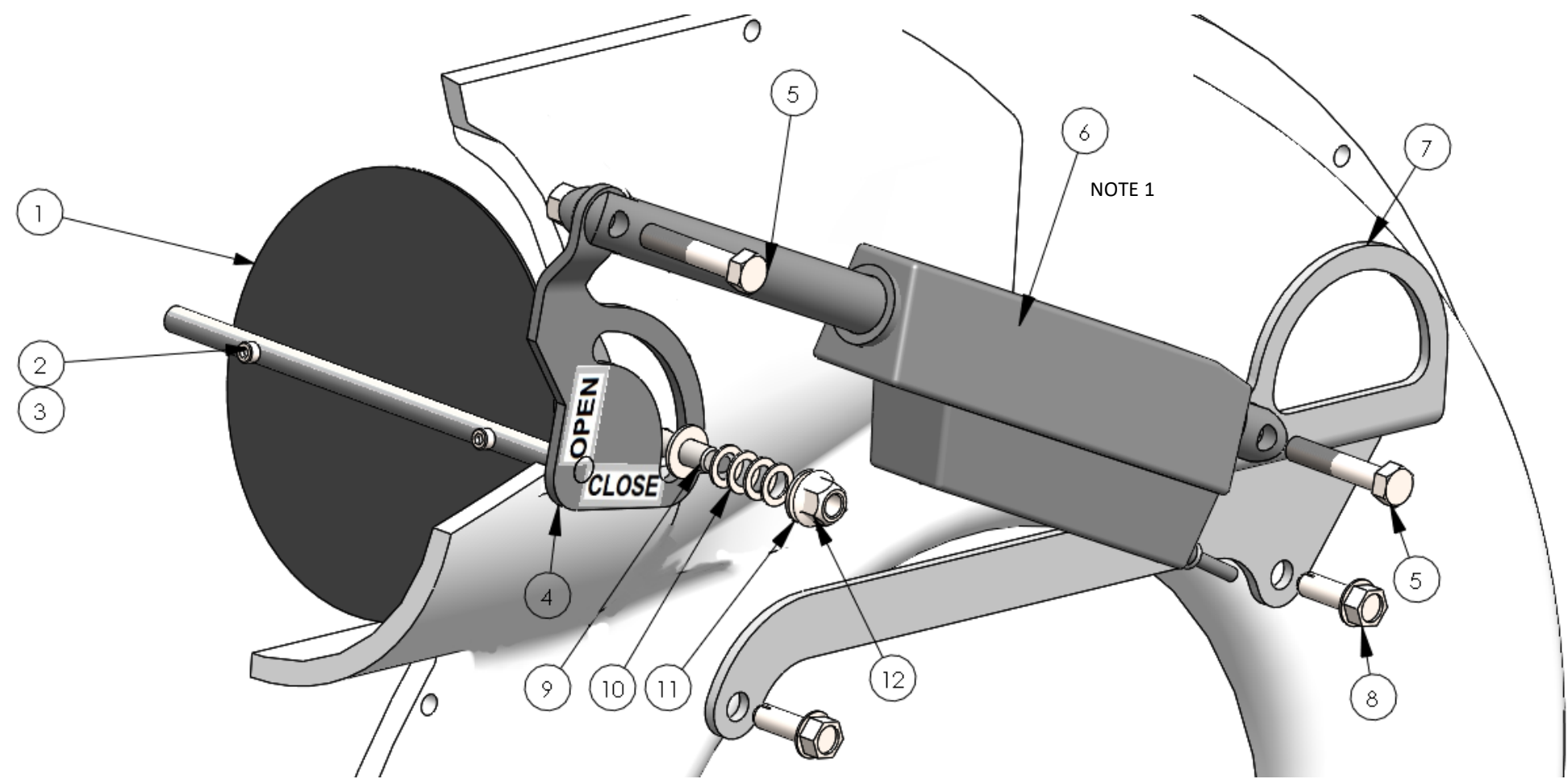


| Ref. | Part Number        | Description                                                  | Qty.   |
|------|--------------------|--------------------------------------------------------------|--------|
| 1    | AWS0127            | Fan Shaft Assembly (Incl. 5-8)                               | 1      |
| 2    | AWS0068            | Fan Housing, LH                                              | 1      |
| 3    | AWS0069            | Fan Housing, RH                                              | 1      |
| 4    | AWS0071<br>AWS0070 | Impeller, Right Hand<br>H7/8 Hub (Included with<br>Impeller) | 1<br>1 |
| 5    | AWS0037            | Bearing, Fan Shaft 6206-2RSC3                                | 2      |
| 6    | AWS0035            | Fan Shaft, 14"                                               | 1      |
| 7    | AWS0038            | Fan Shaft Housing, 7.5"                                      | 1      |
| 8    | AWS0036            | Snap Ring, 1-1/8 EXT.                                        | 1      |
| 9    | AWS0034            | Key, 1/4X2                                                   | 1      |
| 10   | AWS0073            | Key, 3/16X1-1/2                                              | 1      |

| Ref. | Part Number | Description                   | Qty. |
|------|-------------|-------------------------------|------|
| 11   | AWS0067     | Fan Plate                     | 1    |
| 12   | AWS0203     | Actuator Mount, See next page | 1    |
| 13   |             | Bolt, 3/8nc x 1-1/4           | 2    |
| 14   |             | Bolt, 3/8nc x 1 Self Tapping  | 2    |
| 15   | AWS0230R    | Rotary Screen Assembly        | 1    |
| 16   |             | Bolt, 5/16nc x 1-1/4          | 12   |
| 17   |             | Nut, 5/16nc Nylock            | 12   |
| 18   |             | Bolt, 1/2" nc x 3/4"          | 4    |
| 19   | AWS0065     | Serial Number Plate           | 1    |
| 20   | AWS1038R    | Rotary Screen Nozzle          | 1    |



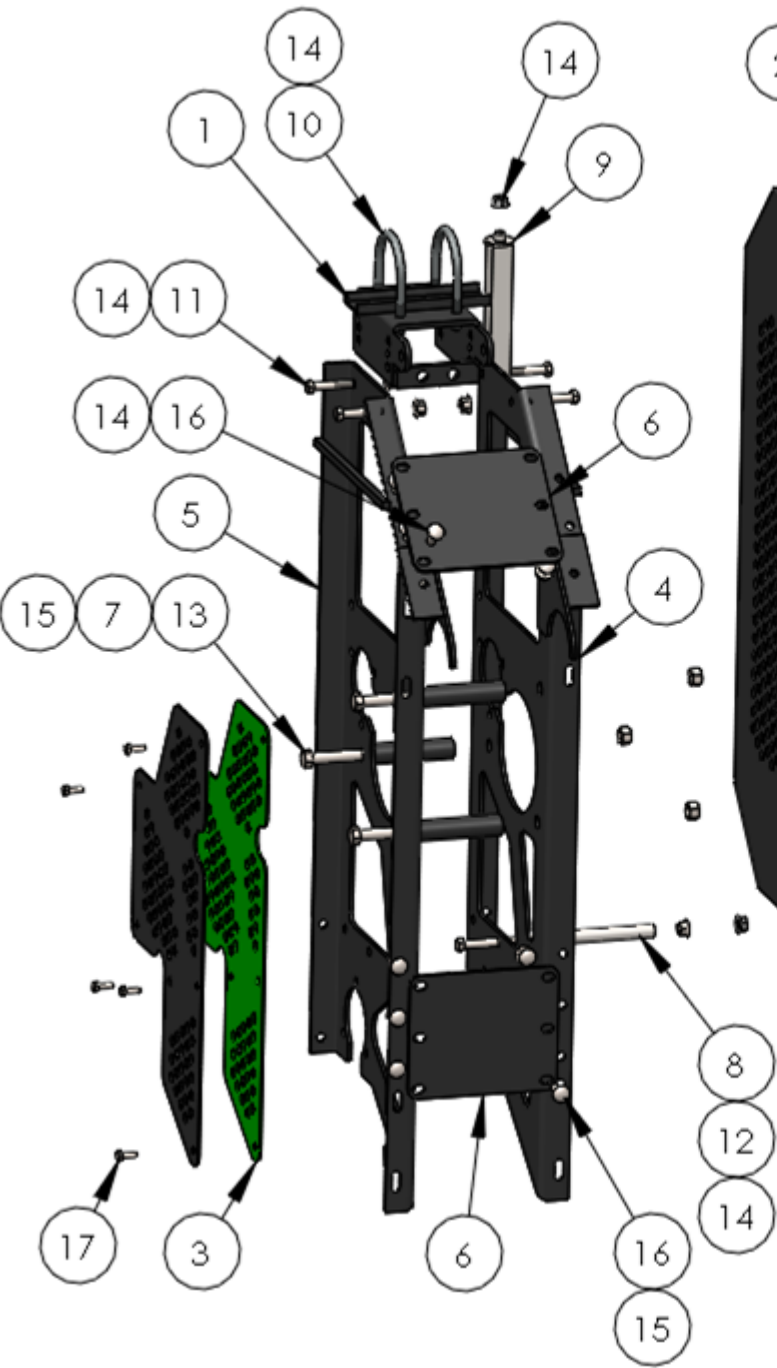
# Throttle Controls



| Item # | Part #  | Description                 | Qty. |
|--------|---------|-----------------------------|------|
| 1      | AWS0114 | Throttle Plate              | 1    |
| 2      | AWS0231 | Bolt, 10-32 Socket Head Cap | 2    |
| 3      | AWS0232 | Nut, 10-32 SS Nyloc         | 2    |
| 4      | AWS0212 | Throttle Shaft, RH Electric | 1    |
| 5      | AWS0514 | Bolt, Actuator              | 2    |
| 6      | AWS0095 | Actuator, Throttle Control  | 1    |
| 7      | AWS0203 | Actuator Mount, RH          | 1    |
| 8      |         | Bolt, 3/8ncX1-1/4           | 1    |
| 9      | AWS0171 | Stud, M10-1.50              | 1    |
| 10     | AWS0170 | Spring Washer               | 4    |
| 11     |         | Washer, 3/8 Flat            | 3    |
| 12     | AWS0172 | Nut, M10-1.50Flange Nyloc   | 1    |

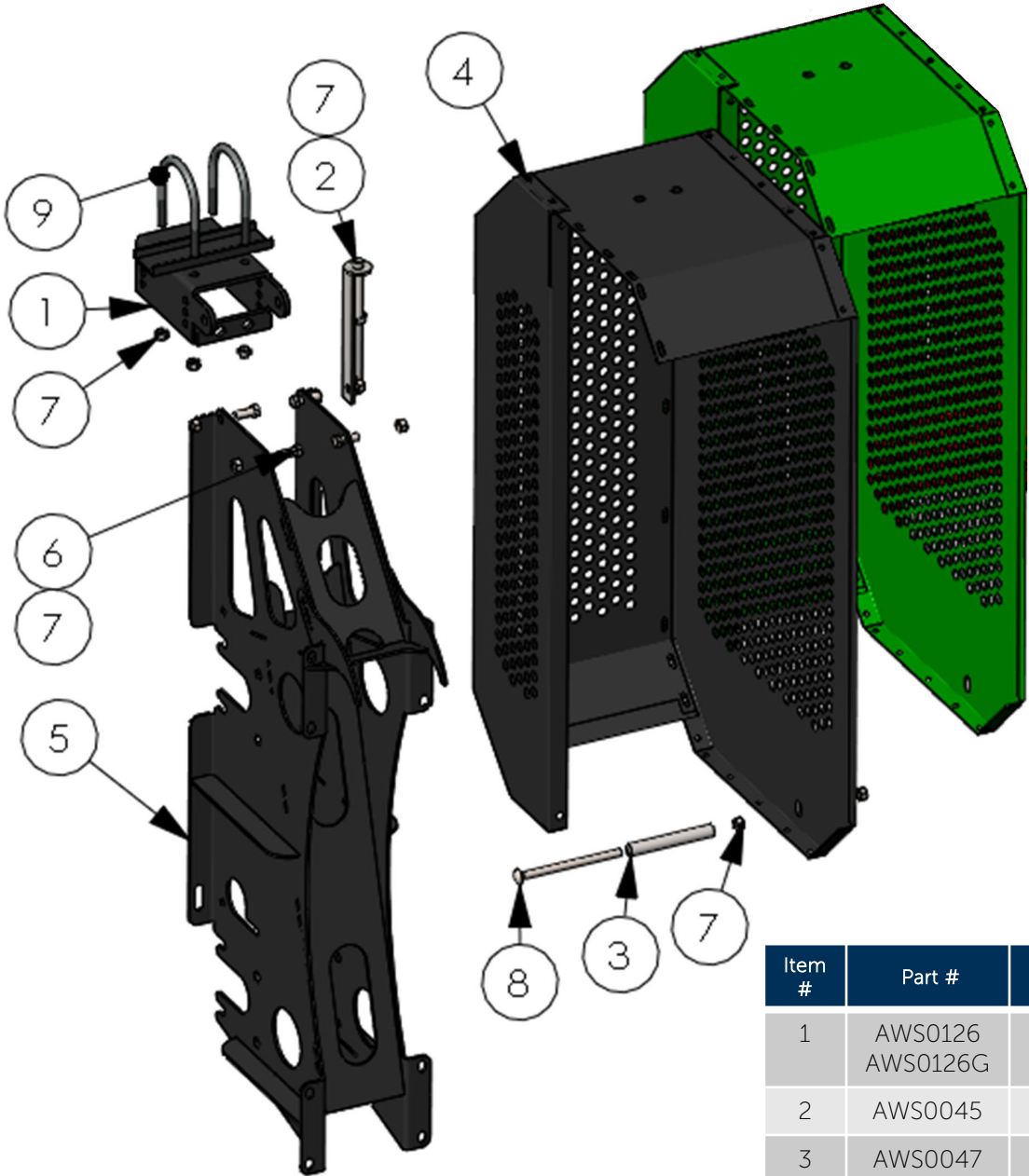
**Note**  
See Electrical Controls section near back of manual for additional information.

Frame Assembly to 2019



| Item # | Part #              | Description                                                              | Qty |
|--------|---------------------|--------------------------------------------------------------------------|-----|
| 1      | AWS0126<br>AWS0126G | Top Bracket (Black)<br>Top Bracket (Green)                               | 1   |
| 2      | AWS0184<br>AWS0184G | Shield Assembly , RH (Black)<br>Shield Assembly , RH (Green)             | 1   |
| 3      | AWS0593<br>AWS0593G | Shield, Series 2 (Black)<br>Shield, Series 2 (Green)                     | 1   |
| 4      | AWS0618<br>AWS0618G | S 2 Frame Rail, Fan Side (Black)<br>S 2 Frame Rail, Fan Side (Green)     | 1   |
| 5      | AWS0619<br>AWS0619G | S 2 Frame Rail, Drive Side (Black)<br>S 2 Frame Rail, Drive Side (Green) | 1   |
| 6      | AWS0620<br>AWS0620G | Frame Plate (Black)<br>Frame Plate (Green)                               | 2   |
| 7      | AWS0042             | Spacer, 1/2 x 4-1/4                                                      | 3   |
| 8      | AWS0047             | Spacer, Lower Shield                                                     | 1   |
| 9      | AWS0045             | Upper Shield Support                                                     | 1   |
| 10     | AWS0039             | U-Bolt, 3/8nc x 3                                                        | 2   |
| 11     |                     | Bolt, 3/8nc x 1                                                          | 4   |
| 12     |                     | Bolt, 3/8nc x 5-1/2                                                      | 1   |
| 13     |                     | Bolt, 1/2nc x 5-1/2                                                      | 3   |
| 14     |                     | Nut, 3/8nc Serrated Flange                                               | 22  |
| 15     |                     | Nut, 1/2nc Stover Lock                                                   | 3   |
| 16     |                     | Carriage Bolt, 3/8" x 3/4"                                               | 6   |
| 17     |                     | Bolt, 1/4" x 3/4"                                                        | 5   |

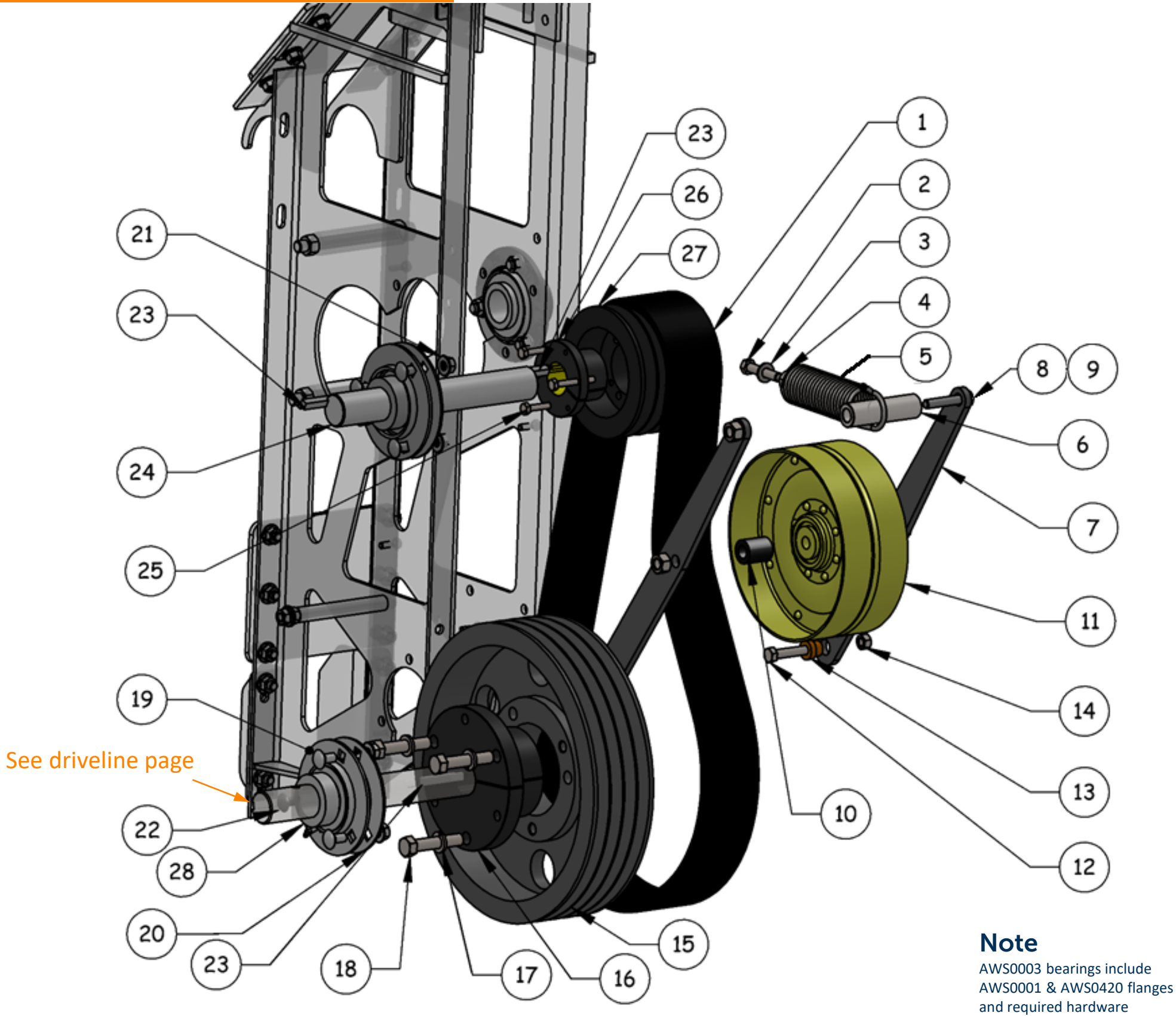
2020 & up Frame Assembly



| Item # | Part #              | Description                                                  | Qty |
|--------|---------------------|--------------------------------------------------------------|-----|
| 1      | AWS0126<br>AWS0126G | Top Bracket (Black)<br>Top Bracket (Green)                   | 1   |
| 2      | AWS0045             | Upper Shield Support                                         | 1   |
| 3      | AWS0047             | Spacer, Lower Shield                                         | 1   |
| 4      | AWS0184<br>AWS0184G | Shield Assembly , RH (Black)<br>Shield Assembly , RH (Green) | 1   |
| 5      | AWS1019<br>AWS1019G | Chassis (Black)<br>Chassis (Green)                           | 1   |
| 6      |                     | Bolt, 3/8nc x 1                                              | 4   |
| 7      |                     | Nut, 3/8nc Serrated Flange                                   | 11  |
| 8      |                     | Bolt, 3/8nc x 5-1/2                                          | 1   |
| 9      | AWS0039             | U-Bolt, 3/8nc x 3                                            | 2   |
| 10     |                     | 1/2 Flat Washer                                              | 1   |

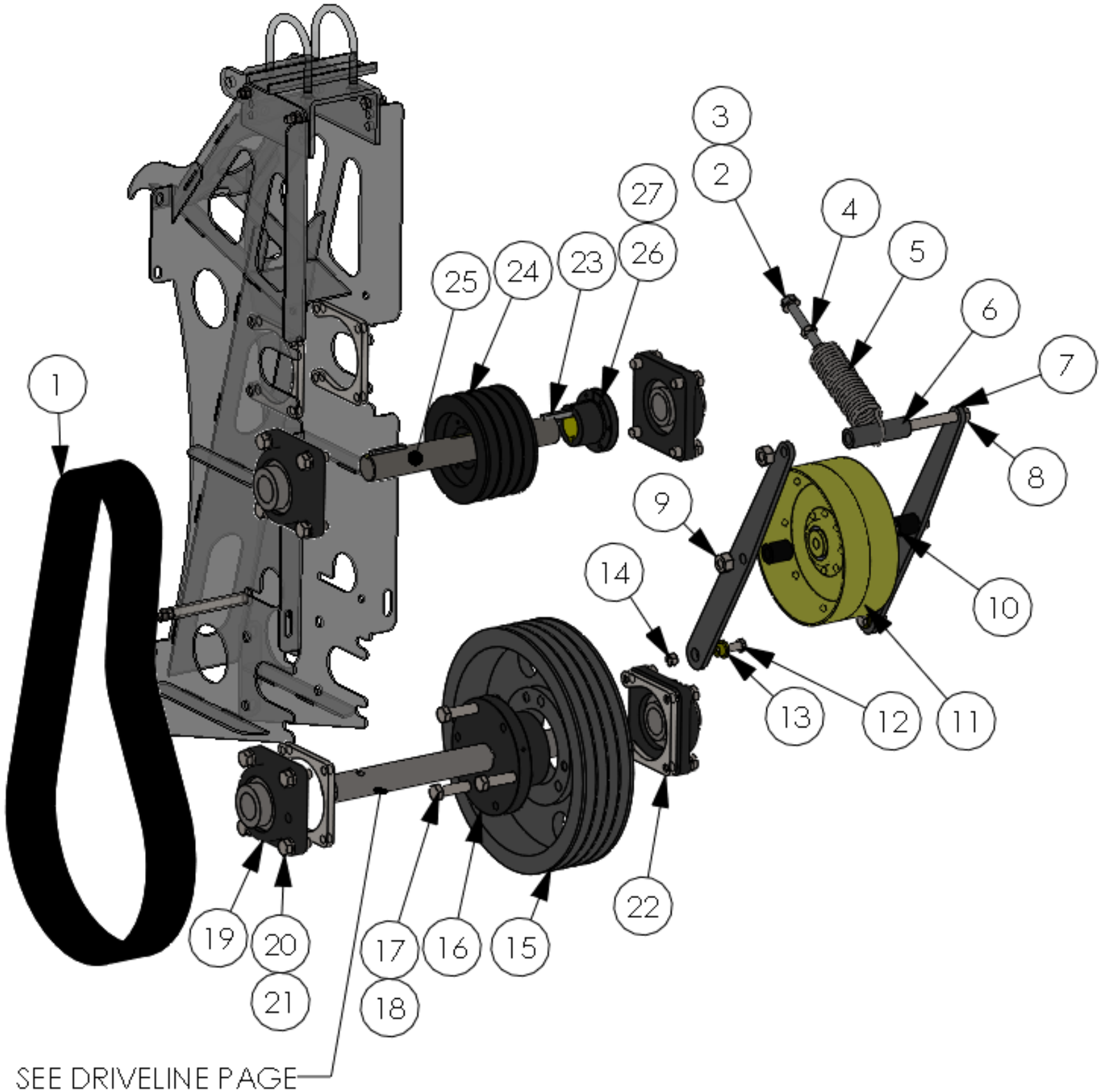
Primary Drive Assembly

to 2019 (3 Bolt Stamped Bearing Flanges)



| Item # | Part #             | Description                                                         | Qty.     |
|--------|--------------------|---------------------------------------------------------------------|----------|
| 1      | AWS0020<br>AWS0220 | Belt, 5VX-630-4<br>Belt, 5V-630-4BP Premium                         | 1<br>Opt |
| 2      | AWS0015            | Tap Bolt, 7/16nc X 5                                                | 1        |
| 3      |                    | Flat Washer, 7/16                                                   | 1        |
| 4      | AWS0016            | Jam Nut, 7/16nc                                                     | 1        |
| 5      | AWS0014            | Spring, Extension (Incl Items 2-4)                                  | 1        |
| 6      | AWS0017            | Spacer, 1/2X 3-1/2                                                  | 1        |
| 7      | AWS0013            | Idler Arm, Primary                                                  | 2        |
| 8      |                    | Bolt, 1/2ncX5                                                       | 2        |
| 9      |                    | Nut, 1/2nc Stover Lock                                              | 2        |
| 10     | AWS0018            | Spacer, 1/2X1-3/16                                                  | 2        |
| 11     | AWS0012            | Idler, HM Primary                                                   | 1        |
| 12     |                    | Bolt, 3/8nc X 1 1/4                                                 | 2        |
| 13     | AWS0512            | Bushing, Bronze                                                     | 2        |
| 14     |                    | Nut, 3/8nc Stover Lock                                              | 2        |
| 15     | AWS0211            | Sheave, 5V-12.5-4                                                   | 1        |
| 16     | AWS0008            | Bushing E 1-3/8                                                     | 1        |
| 17     |                    | Lock Washer, 1/2 (w/16)                                             | 3        |
| 18     |                    | Tap Bolt, 1/2nc X 2-1/2 (w/16)                                      | 3        |
| 19     | AWS0420            | Bearing Flange, Greaseable                                          | 4        |
| 20     | AWS0001            | Bearing Flange, PF207                                               | 4        |
| 21     |                    | Nut, 3/8nc Flange                                                   | 12       |
| 22     |                    | Bolt, 3/8ncX3/4 Carriage                                            | 12       |
| 23     | AWS0011            | Key, 5/16 x 2                                                       | 3        |
| 24     | AWS0021            | Shaft, Secondary HM                                                 | 1        |
| 25     |                    | Tap Bolt, 1/4nc X 2(w/26)                                           | 3        |
| 26     | AWS0022            | Bushing, SD 1-3/8                                                   | 1        |
| 27     | AWS0024            | Sheave, 5V-5.50-4                                                   | 1        |
| 28     | AWS0003            | Bearing, 1-3/8 w/ Collar<br>(Includes AWS0003 & AWS0420<br>Flanges) | 4        |





| Item # | Part #             | Description                                 | Qty.     |
|--------|--------------------|---------------------------------------------|----------|
| 1      | AWS0020<br>AWS0220 | Belt, 5VX-630-4<br>Belt, 5V-630-4BP Premium | 1<br>Opt |
| 2      | AWS0015            | Tap Bolt, 7/16nc X                          | 1        |
| 3      |                    | Flat Washer, 7/16                           | 1        |
| 4      | AWS0016            | Jam Nut, 7/16nc                             | 1        |
| 5      | AWS0014            | Spring, Extension (Incl Items 2-4)          | 1        |
| 6      | AWS0017            | Spacer, 1/2X 3-1/2                          | 1        |
| 7      | AWS0013            | Idler Arm, Primary                          | 2        |
| 8      |                    | Bolt, 1/2ncX5                               | 2        |
| 9      |                    | Nut, 1/2nc Stover Lock                      | 2        |
| 10     | AWS0018            | Spacer, 1/2 X1-3/16                         | 2        |
| 11     | AWS0012            | Idler, HM Primary                           | 1        |
| 12     |                    | Bolt, 3/8nc X 1-1/4                         | 2        |
| 13     | AWS0512            | Bushing, Bronze                             | 2        |
| 14     |                    | Nut, 3/8nc Stover Lock                      | 2        |
| 15     | AWS0211            | Sheave, 5V12.5-4                            | 1        |
| 16     | AWS0008            | Bushing E 1-3/8                             | 1        |
| 17     |                    | Lock Washer, 1/2 (w/16)                     | 3        |
| 18     |                    | Tap Bolt, 1/2nc X 2-1/2 (w/16)              | 3        |
| 19     | AWS1032            | Bearing Unit – F207 1-3/8                   | 4        |
| 20     |                    | Bolt, 1/2nc X 1-1/4                         | 16       |
| 21     |                    | Lock Washer, 1/2                            | 16       |
| 22     | AWS1020            | Nut Plate, 1/2nc                            | 4        |
| 23     | AWS0011            | Key, 5/16 x 2                               | 3        |
| 24     | AWS0024            | Sheave, 5V-5.50-4                           | 1        |
| 25     | AWS0021            | Shaft, Secondary HM                         | 1        |
| 26     | AWS0022            | Bushing, SD 1-3/8                           | 1        |
| 27     |                    | Tap Bolt, 1/4nc X 2 (w/26)                  | 3        |

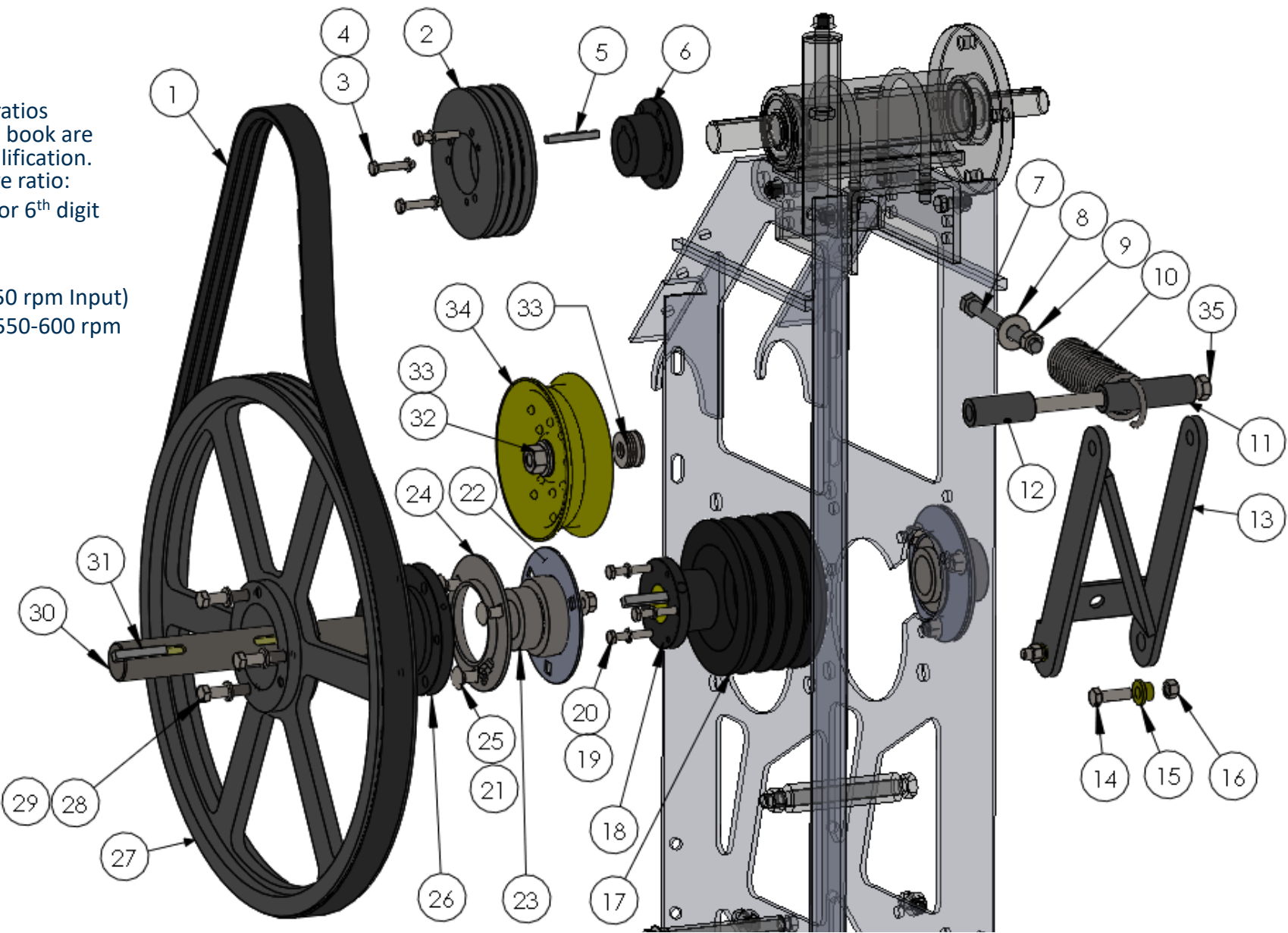
Drive Identification

AWS uses 3 different secondary belt drive ratios depending on combine model; parts in this book are referenced as “A”, “B” or “C” Drive for simplification. There are 2 methods of identifying the drive ratio:

- 1. Via the serial number (Either the 4<sup>th</sup> or 6<sup>th</sup> digit of the SN will be A,B or C)
- 2. Via combine manufacturer:  
A Drive - John Deere, Case IH (Max 550 rpm Input)  
B Drive - Gleaner, New Holland, Cat (550-600 rpm Input)  
C Drive – Claas (600-720 rpm Input)

Note

AWS0003 bearings include AWS0001 & AWS0420 flanges and required hardware



| Item # | Part #  | Description                                                  | Qty. |
|--------|---------|--------------------------------------------------------------|------|
| 3      |         | Tap Bolt, 1/3nc X 1-1/2 (w/6)                                | 3    |
| 4      |         | Lock Washer ¼ (w/6)                                          | 3    |
| 5      | AWS0034 | Key, 1/4X1-1/4                                               | 1    |
| 6      | AWS0033 | Bushing SDS 1-1/8                                            | 1    |
| 7      | AWS0015 | Tap Bolt, 7/16nc X 5                                         | 1    |
| 8      |         | Flat Washer, 7/16                                            | 1    |
| 9      | AWS0016 | Jam Nut, 7/16                                                | 1    |
| 10     | AWS0014 | Spring, Extension (Incl. Items 7-9)                          | 1    |
| 11     | AWS0017 | Spacer, 1/2X 3-1/2                                           | 1    |
| 13     | AWS0113 | Idler Arm                                                    | 1    |
| 14     |         | Bolt, 3/8nc X 1-1/4                                          | 2    |
| 15     | AWS0512 | Bushing, Bronze                                              | 2    |
| 16     |         | Nut, 3/8nc Stover Lock                                       | 2    |
| 17     | AWS0024 | Sheave, 5VX5.50-4                                            | 1    |
| 18     | AWS0022 | Bushing, SD 1-3/8                                            | 1    |
| 19     |         | Lock Washer ¼ (w/18)                                         | 3    |
| 20     |         | Tap Bolt , 1/4nc X 2 (w/18)                                  | 3    |
| 21     |         | Nut, 3/8nc Flange                                            | 6    |
| 22     | AWS0001 | Bearing Flange, PF207                                        | 2    |
| 23     | AWS0003 | Bearing, 1-3/8 w/ Collar (Includes AWS0001, AWS0420 Flanges) | 2    |
| 24     | AWS0420 | Bearing Flange, Greasable                                    | 2    |
| 25     |         | Bolt, 3/8nc X3/4 Carriage                                    | 6    |
| 28     |         | Tap Bolt, 3/8nc X 2-1/2 (w/26)                               | 3    |
| 29     |         | Lock Washer, 3/8 (w/26)                                      | 3    |
| 30     | AWS0021 | Shaft, Secondary                                             | 1    |
| 31     | AWS0011 | Key, 5/16X2                                                  | 2    |
| 32     |         | Nut, 1/2nc Stover Lock                                       | 1    |
| 33     |         | Flat Washer, ½                                               | A/R  |
| 35     |         | Bolt, 1/2 nc x 8-1/2                                         |      |

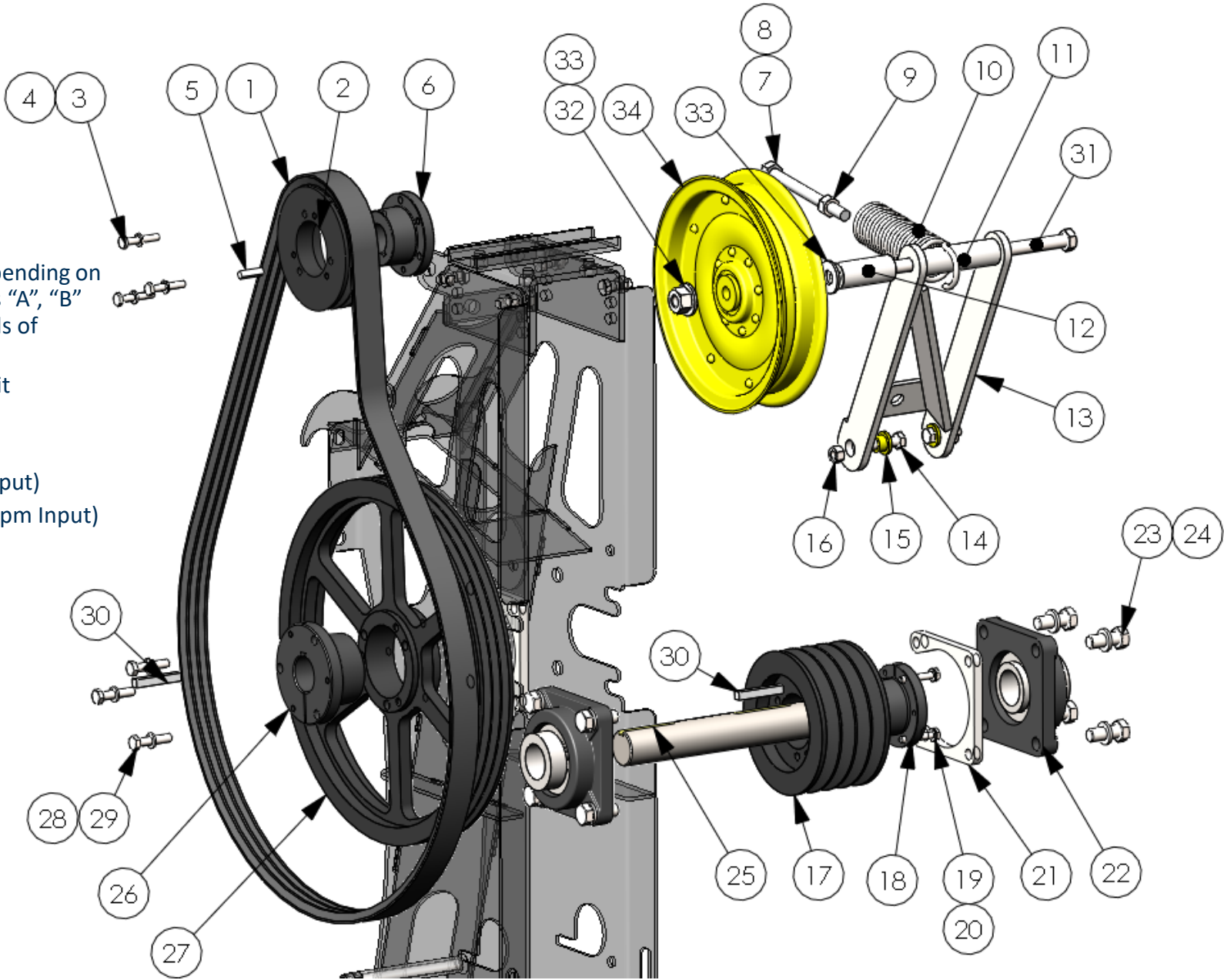
| A-Drive |         |                    |      | B-Drive |         |                   |      | C-Drive |         |                    |      |
|---------|---------|--------------------|------|---------|---------|-------------------|------|---------|---------|--------------------|------|
| Item #  | Part #  | Description        | Qty. | Item #  | Part #  | Description       | Qty. | Item #  | Part #  | Description        | Qty. |
| 1       | AWS0025 | Belt, 3VX-750-3    | 1    | 1       | AWS0110 | Belt, 3VX-670-3   | 1    | 1       | AWS0110 | Belt, 3VX-670-3    | 1    |
| 2       | AWS0029 | Sheave, 3V-5.30-3  | 1    | 2       | AWS0030 | Sheave, 3V-4.75-3 | 1    | 2       | AWS1015 | Sheave, 3V-6.0-3   | 1    |
| 12      | AWS0112 | Spacer, 1/2X 2-3/8 | 1    | 12      | AWS0459 | Spacer, 1/2X 2    | 1    | 12      | AWS0112 | Spacer, 1/2X 2-3/8 | 1    |
| 26      | AWS0032 | Bushing, SF 1-3/8  | 1    | 26      | AWS0028 | Bushing, SK 1-3/8 | 1    | 26      | AWS0028 | Bushing, SK 1-3/8  | 1    |
| 27      | AWS0026 | Sheave, 3V-19.0-3  | 1    | 27      | AWS0027 | Sheave, 3V-14.0-3 | 1    | 27      | AWS0027 | Sheave, 3V-14.0-3  | 1    |
| 34      | AWS0111 | Idler, 5"          | 1    | 34      | AWS0119 | Idler, 8"         | 1    | 34      | AWS0111 | Idler, 5"          | 1    |



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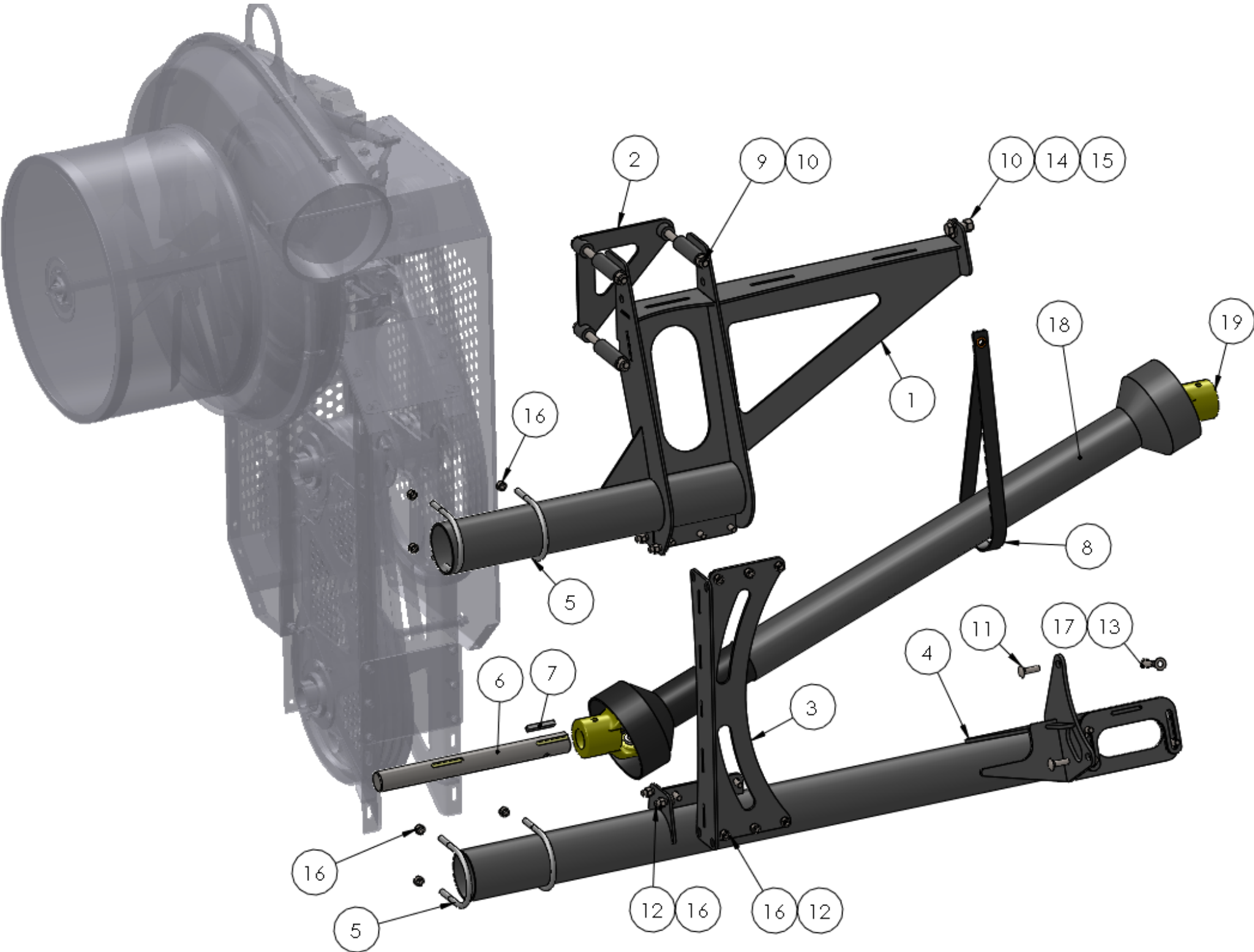
- 1. Via the serial number (Either the 4<sup>th</sup> or 6<sup>th</sup> digit of the SN will be A,B or C)
- 2. Via combine manufacturer:  
A Drive - John Deere, Case IH (Max 550 rpm Input)  
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C Drive – Claas (600-720 rpm Input)



| A-Drive |         |                    |      | B-Drive |         |                   |      | C-Drive |         |                    |      |
|---------|---------|--------------------|------|---------|---------|-------------------|------|---------|---------|--------------------|------|
| Item #  | Part #  | Description        | Qty. | Item #  | Part #  | Description       | Qty. | Item #  | Part #  | Description        | Qty. |
| 1       | AWS0025 | Belt, 3VX-750-3    | 1    | 1       | AWS0110 | Belt, 3VX-670-3   | 1    | 1       | AWS0110 | Belt, 3VX-670-3    | 1    |
| 2       | AWS0029 | Sheave, 3V-5.30-3  | 1    | 2       | AWS0030 | Sheave, 3V-4.75-3 | 1    | 2       | AWS1015 | Sheave, 3V-6.0-3   | 1    |
| 12      | AWS0112 | Spacer, 1/2X 2-3/8 | 1    | 12      | AWS0459 | Spacer, 1/2X 2    | 1    | 12      | AWS0112 | Spacer, 1/2X 2-3/8 | 1    |
| 26      | AWS0032 | Bushing, SF 1-3/8  | 1    | 26      | AWS0028 | Bushing, SK 1-3/8 | 1    | 26      | AWS0028 | Bushing, SK 1-3/8  | 1    |
| 27      | AWS0026 | Sheave, 3V-19.0-3  | 1    | 27      | AWS0027 | Sheave, 3V-14.0-3 | 1    | 27      | AWS0027 | Sheave, 3V-14.0-3  | 1    |
| 34      | AWS0111 | Idler, 5"          | 1    | 34      | AWS0119 | Idler, 8"         | 1    | 34      | AWS0111 | Idler, 5"          | 1    |

| Item # | Part #  | Description                         | Qty. |
|--------|---------|-------------------------------------|------|
| 3      |         | Tap Bolt, 1/4nc X 1-1/2 (w/6)       | 3    |
| 4      |         | Lock Washer 1/4 (w/6)               | 3    |
| 5      | AWS0034 | Key, 1/4X1-1/4                      | 1    |
| 6      | AWS0033 | Bushing SDS 1-1/8                   | 1    |
| 7      | AWS0015 | Tap Bolt, 7/16nc X 5                | 1    |
| 8      |         | Flat Washer, 7/16                   | 1    |
| 9      | AWS0016 | Jam Nut, 7/16                       | 1    |
| 10     | AWS0014 | Spring, Extension (Incl. Items 7-9) | 1    |
| 11     | AWS0017 | Spacer, 1/2X 3-1/2                  | 1    |
| 13     | AWS0113 | Idler Arm                           | 1    |
| 14     |         | Bolt, 3/8nc X 1-1/4                 | 2    |
| 15     | AWS0512 | Bushing, Bronze                     | 2    |
| 16     |         | Nut, 3/8nc Stover Lock              | 2    |
| 17     | AWS0024 | Sheave, 5V-5.50-4                   | 1    |
| 18     | AWS0022 | Bushing, SD 1-3/8                   | 1    |
| 19     |         | Lock Washer 1/4 (w/18)              | 3    |
| 20     |         | Tap Bolt , 1/4nc X 2 (w/18)         | 3    |
| 21     | AWS1020 | Nut Plate                           | 2    |
| 22     | AWS1032 | Bearing Unit, F207 1 3/8" Cast      | 2    |
| 23     |         | Bolt 1/2nc x 1-1/4                  | 8    |
| 24     |         | Lock Washer, 1/2                    | 8    |
| 25     | AWS0021 | Shaft, Secondary                    | 1    |
| 28     |         | Tap Bolt, 3/8nc X 2-1/2 (w/26)      | 3    |
| 29     |         | Lock Washer, 3/8 (w/26)             | 3    |
| 30     | AWS0011 | Key, 5/16X2                         | 2    |
| 31     |         | Bolt, 1/2 nc x 8-1/2                |      |
| 32     |         | Nut, 1/2nc Stover Lock              | 1    |
| 33     |         | Flat Washer, 1/2                    | A/R  |

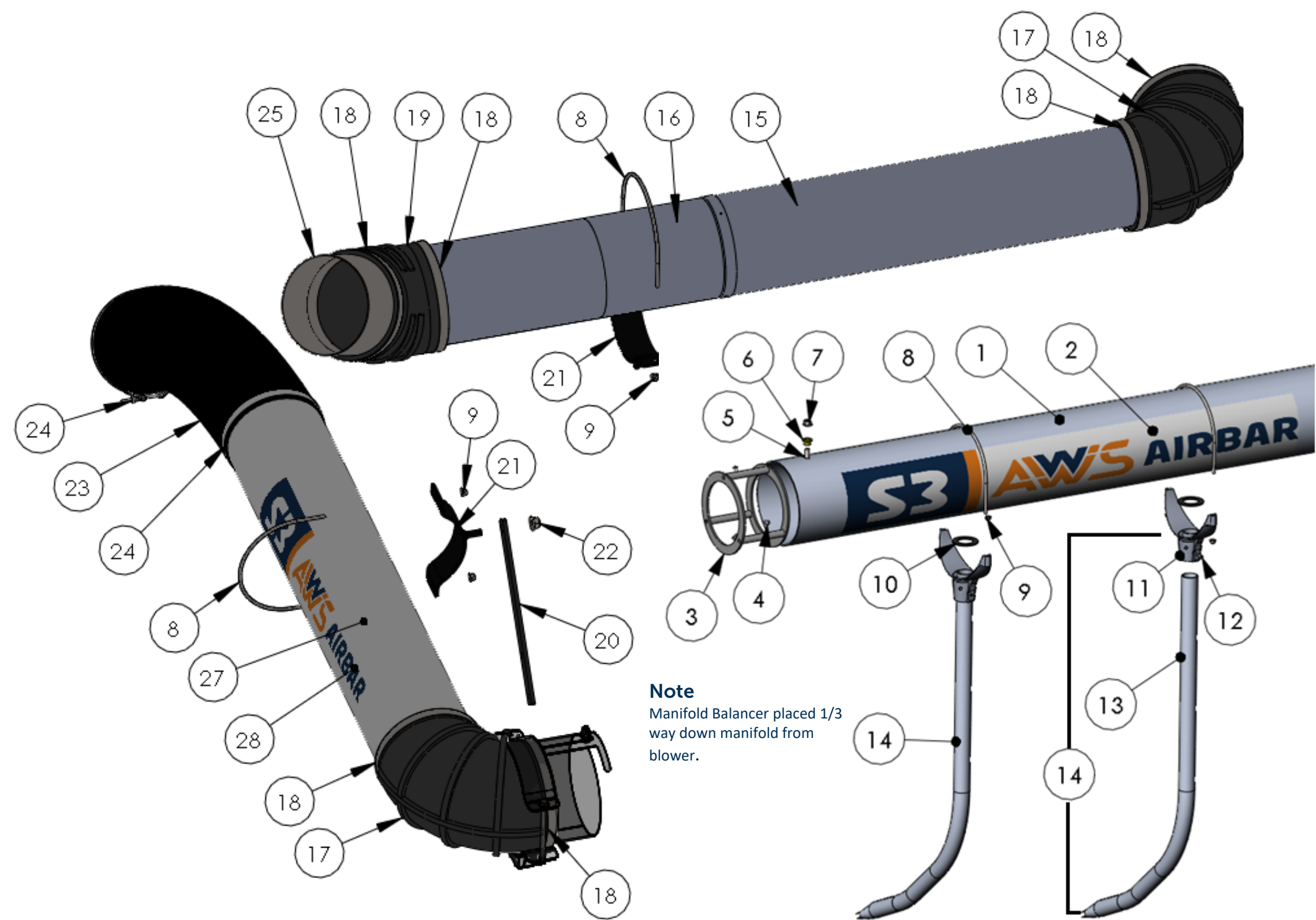
Mounting & Drive Components 2020 & up (4 Bolt Cast Bearing Flanges)



| Item # | Part #                                              | Description                                                                                                                                              | Qty. |
|--------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| 1      | AWS0914                                             | Upper Beam                                                                                                                                               | 1    |
| 2      | AWS0921                                             | Clamp Plate                                                                                                                                              | 1    |
| 3      | AWS0916                                             | Brace                                                                                                                                                    | 1    |
| 4      | AWS0915                                             | Lower Beam                                                                                                                                               | 1    |
| 5      | AWS0621                                             | U-Bolt, 3/8nc x 3-1/2                                                                                                                                    | 4    |
| 6      | AWS0294                                             | Shaft, 14" Universal                                                                                                                                     | 1    |
| 7      | AWS0011                                             | Key, 5/16 x 2                                                                                                                                            | 1    |
| 8      | AWS0826                                             | PTO Storage Strap                                                                                                                                        | 1    |
| 9      |                                                     | Bolt, 1/2 nc x 7-1/2"                                                                                                                                    | 3    |
| 10     |                                                     | 1/2" nc Stover Lock Nut                                                                                                                                  | 4    |
| 11     |                                                     | Carriage Bolt, M10 x 35                                                                                                                                  | 2    |
| 12     |                                                     | Bolt, 3/8nc x 1                                                                                                                                          | 10   |
| 13     |                                                     | Bolt, 3/8nc x 1-1/4                                                                                                                                      | 4    |
| 14     |                                                     | Bolt 1/2 nc x 1"                                                                                                                                         | 1    |
| 15     |                                                     | 1/2" Flat Washer                                                                                                                                         | 2    |
| 16     |                                                     | Nut, 3/8nc Flange                                                                                                                                        | 18   |
| 17     |                                                     | Flat Washer, 3/8                                                                                                                                         | 4    |
| 18     | Call AWS                                            | PTO Shaft Assy. 48" Star Specify Combine Spline                                                                                                          | 1    |
| 19     | AWS0453<br>AWS0451<br>AWS0449<br>AWS0454<br>AWS0455 | <b>PTO COMPONENTS</b><br>Yoke, 1-3/8 Round W/Bolt<br>Yoke, 21spl Quick Release<br>Yoke, 1-1/8 Hex Quick Release<br>PTO Cross & Bearing Kit<br>Shield Kit | AR   |



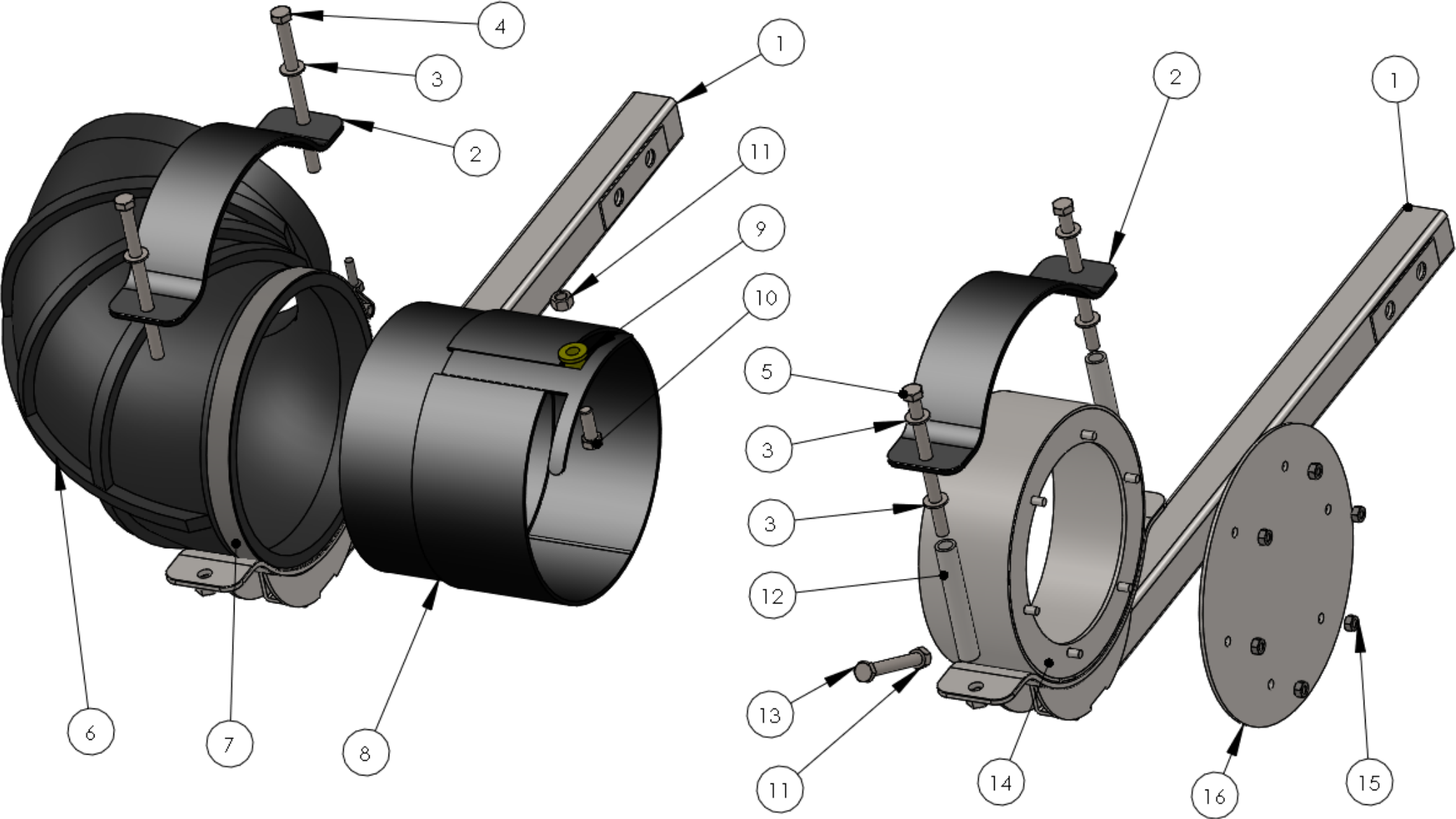
# Manifold Components



| Item # | Part #   | Description                                                       | Qty. |
|--------|----------|-------------------------------------------------------------------|------|
| 1      | CALL AWS | Replacement Manifold<br>(Includes Items 2 (Decal) & 3 (Balancer)) | AR   |
| 2      | AWS0781  | Decal, Logo 48x8                                                  | 1    |
| 3      | AWS0202  | Manifold Balancer                                                 | 1    |
| 4      |          | Pop Rivet 3/16 x 1/4                                              | 3    |
| 5      |          | 3/8nc x 1 Bolt                                                    | 1    |
| 6      | AWS0512  | Flange Bushing                                                    | 1    |
| 7      |          | 5/16nc nyloc nut                                                  | 1    |
| 8      | AWS0163  | U-Bolt 1/4nc x 8" S.S. (Incl. Item 9)                             | AR   |
| 9      |          | 1/4nc Nyloc Nut                                                   | AR   |
| 10     | AWS0116  | Nozzle Gasket                                                     | AR   |
| 11     | AWS0760  | Nozzle Saddle, Cast w/ Set Screws                                 | AR   |
| 12     |          | Set Screw m8x10 S.S.                                              | 2    |
| 13     | AWS0766  | Nozzle Tube, 48" Double Bend                                      | AR   |
| 14     | AWS0769  | Nozzle, 48" Double Bend<br>(Incl. Items 10-13)                    | AR   |
| 15     | AWS0763  | Rear Tube 45"                                                     | 1    |
| 16     | AWS0764  | Rear Tube Extension 30"                                           | 1    |
| 17     | AWS0091  | Elbow 90 x 8"                                                     | 2    |
| 18     | AWS0086  | Hose Clamp 8.75"                                                  | 8    |
| 19     | AWS0441  | Elbow 45 x 8"                                                     | 2    |
| 20     | AWS0090  | Transition Tube Support                                           | 1    |
| 21     | AWS0153  | Saddle, With Stud                                                 | 2    |
| 22     |          | 1/2nc Lock Nut                                                    | AR   |
| 23     | AWS0410  | Flex Hose, 60"                                                    | 1    |
| 24     | AWS0085  | Hose Clamp. 8.25                                                  | 2    |
| 25     | AWS0160  | Connector Pipe 6"                                                 | 1    |
| 27     | AWS0087  | Transition Tube – 40" (Incl. Item 27)                             | 1    |
| 28     | AWS0782  | Decal, Logo 24x4                                                  | 1    |

End Cap and Lock Sleeve

2pc Reel

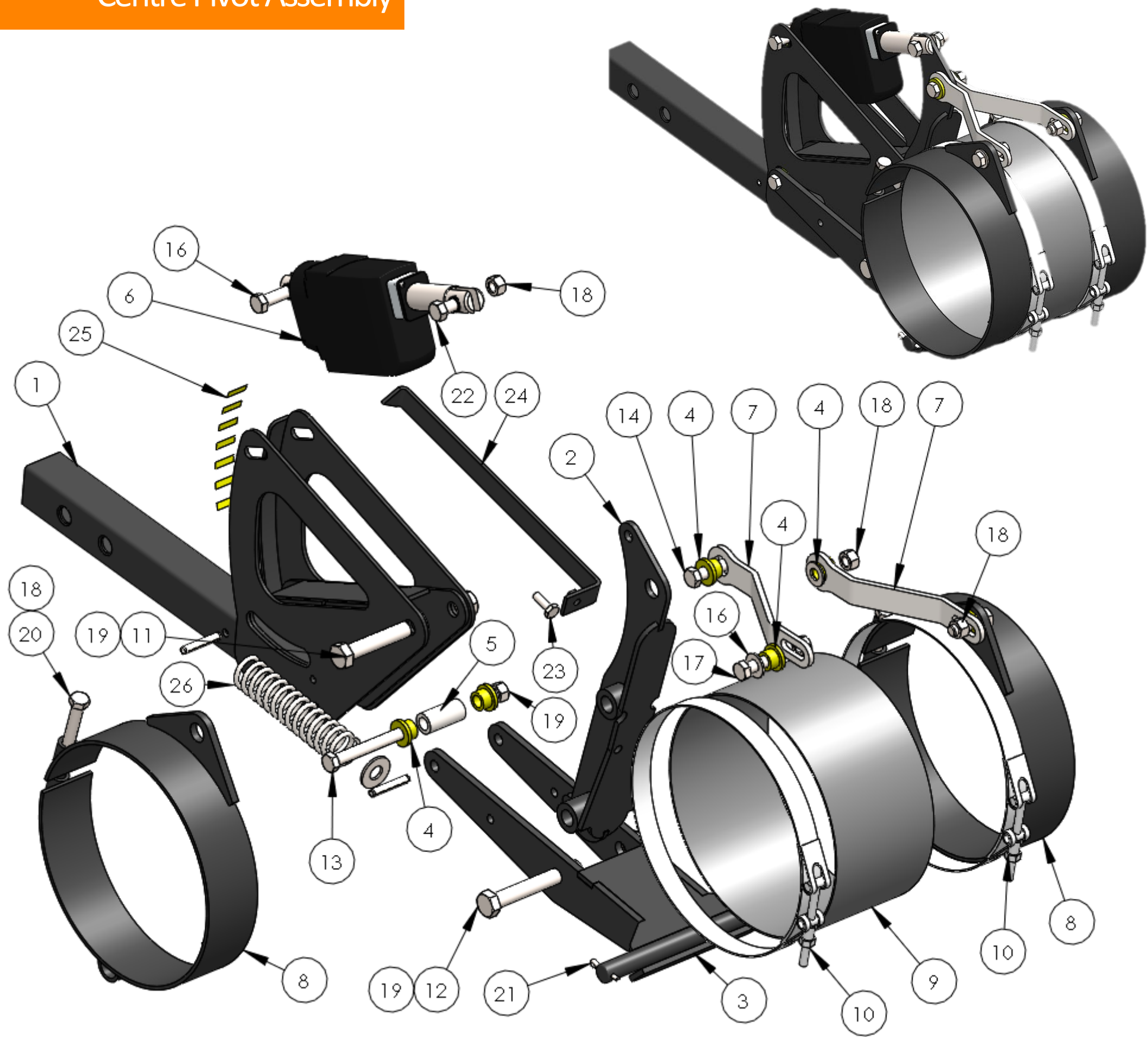


| Item # | Part #  | Description             | Qty. |
|--------|---------|-------------------------|------|
| 1      | AWS0102 | Manifold Arm            | 2    |
| 2      | AWS0123 | Saddle Clamp            | 2    |
| 3      |         | Washer, 3/8             | 6    |
| 4      |         | Bolt, 3/8ncX 5-1/2, gr8 | 2    |
| 5      |         | Bolt, 3/8nc X 5, gr8    | 2    |
| 6      | AWS0091 | Elbow, 90               | 1    |
| 7      | AWS0086 | Hose Clamp, 8.75"       | 1    |
| 8      | AWS0092 | Lock Sleeve             | 1    |
| 9      | AWS0512 | Bushing, Shoulder       | 1    |
| 10     |         | Bolt, 3/8nc x 1         | 1    |
| 11     |         | Locknut, 3/8nc          | 4    |
| 12     | AWS0479 | Spacer, End Cap         | 2    |
| 13     |         | Bolt, 3/8nc x 3         | 1    |
| 14     | AWS0810 | End Cap Base            | 1    |
| 15     |         | Flange Nut, 1/4nc       | 6    |
| 16     | AWS0812 | End Cap Cover           | 1    |

AWS0819 End Cap Assembly, w/o Lever, includes items 11,13,14,15,16 and replaces AWS0616 End Cap, no lever(-2015)



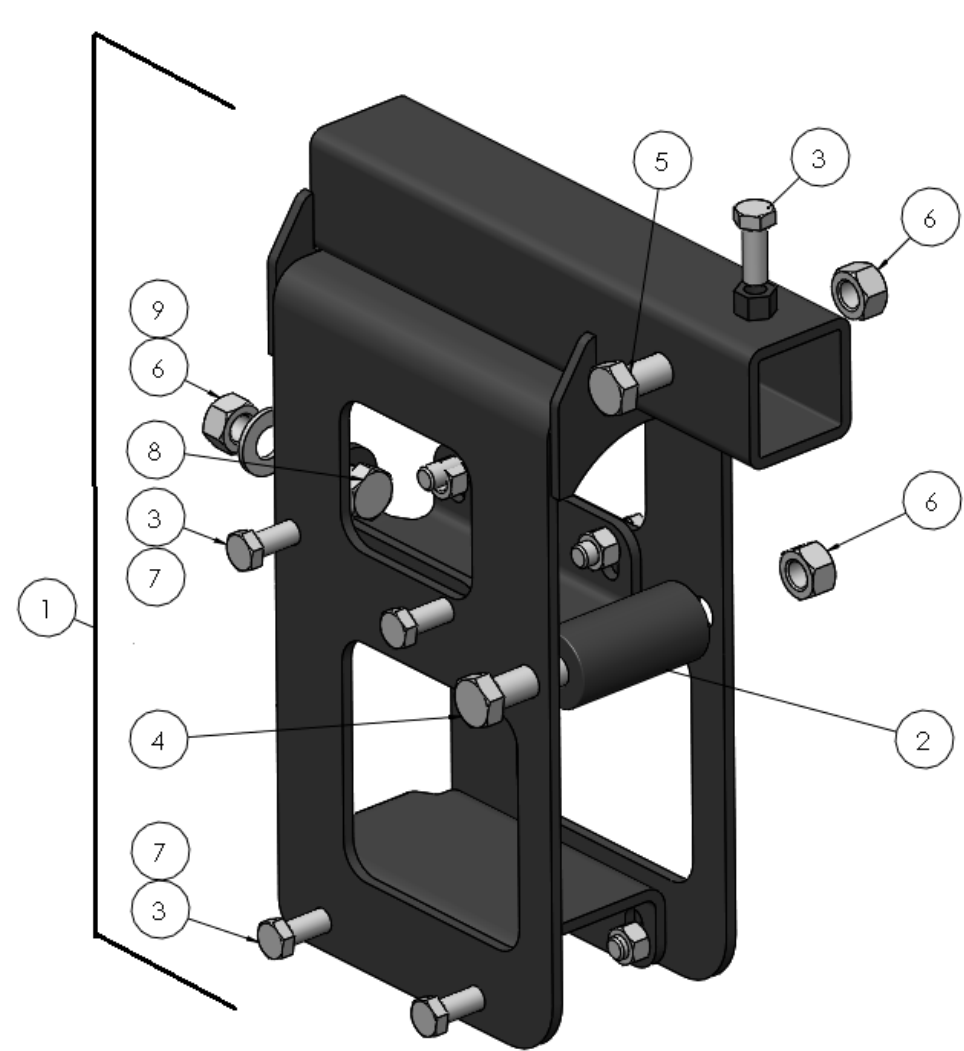
# Centre Pivot Assembly



## Centre Pivot Assembly AWS0770M (Includes all except AWS0546 Actuator)

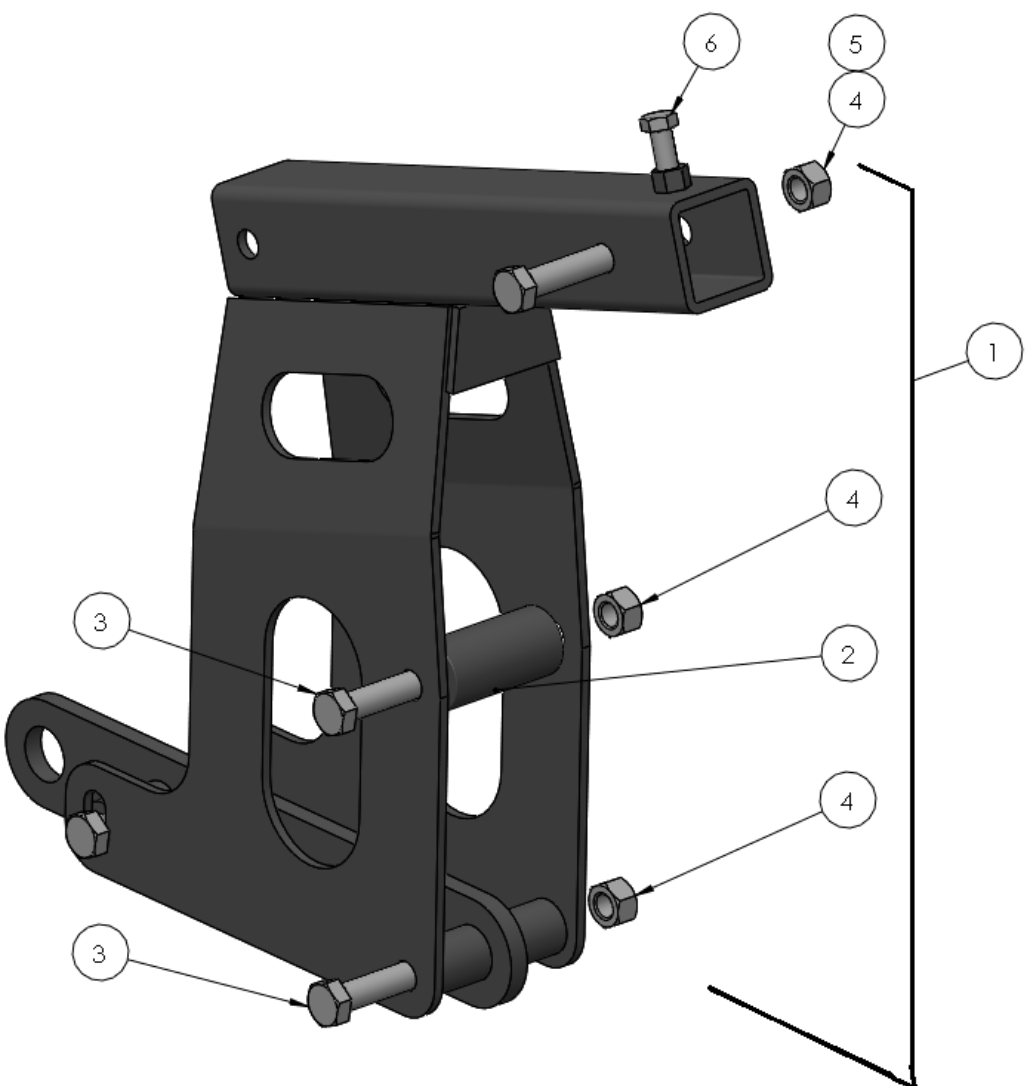
| Item # | Part #   | Description                                                                  | Qty. |
|--------|----------|------------------------------------------------------------------------------|------|
| 1      | AWS0771  | Center Base                                                                  | 1    |
| 2      | AWS0772  | Center Lever                                                                 | 1    |
| 3      | AWS0773  | Center Cradle                                                                | 1    |
| 4      | AWS0512  | Shoulder Bushing                                                             | 6    |
| 5      | AWS0776  | Center Spacer 3/8 x 1 3/8                                                    | 1    |
| 6      | AWS0546  | Actuator, LA23                                                               | 1    |
| 7      | AWS0774  | Manifold Arm, Center Link                                                    | 2    |
| 8      | AWS0604  | CP Clamp                                                                     | 2    |
| 9      | AWS0636  | Rubber Coupler                                                               | 1    |
| 10     | AWS0085  | Hose Clamp. 8.25"                                                            | 2    |
| 11     |          | Bolt, 1/2"nc x 2-1/2"                                                        | 1    |
| 12     |          | Bolt, 1/2"x3-1/2"                                                            | 1    |
| 13     |          | Bolt, 3/8"nc X 3-1/4"                                                        | 1    |
| 14     |          | Bolt, 3/8"nc x 1-1/2"                                                        | 1    |
| 15     |          | Bolt, 3/8"nc X2-1/2"                                                         | 1    |
| 16     |          | 3/8" Flat Washer                                                             | 3    |
| 17     |          | Bolt, 3/8"nc x 1-1/4"                                                        | 2    |
| 18     |          | 3/8"nc Stover Lock Nut                                                       | 8    |
| 19     |          | 1/2"nc Stover Lock Nut                                                       | 2    |
| 20     |          | Bolt, 3/8"nc X 2-3/4"                                                        | 4    |
| 21     |          | 5/32" x 1" Cotter Pin                                                        | 2    |
| 22     |          | Bolt, 3/8"x1-1/2"                                                            | 1    |
| 23     |          | Bolt,1/4"nc X 3/4"                                                           | 1    |
| 24     | AWS0775  | Manifold Arm, Center Tilt Indicator                                          | 1    |
| 25     | AWS0669  | Decal, Manifold Tilt                                                         | 1    |
| 26     | AWS0777  | Spring, Manifold Suspension (Incl. 1/2" Flat Washer & 1/4 x 1-1/2 Roll Pins) | 1    |
|        | AWS0770M | Center Pivot Assembly<br>(No Actuator)                                       |      |

Manifold Mounts



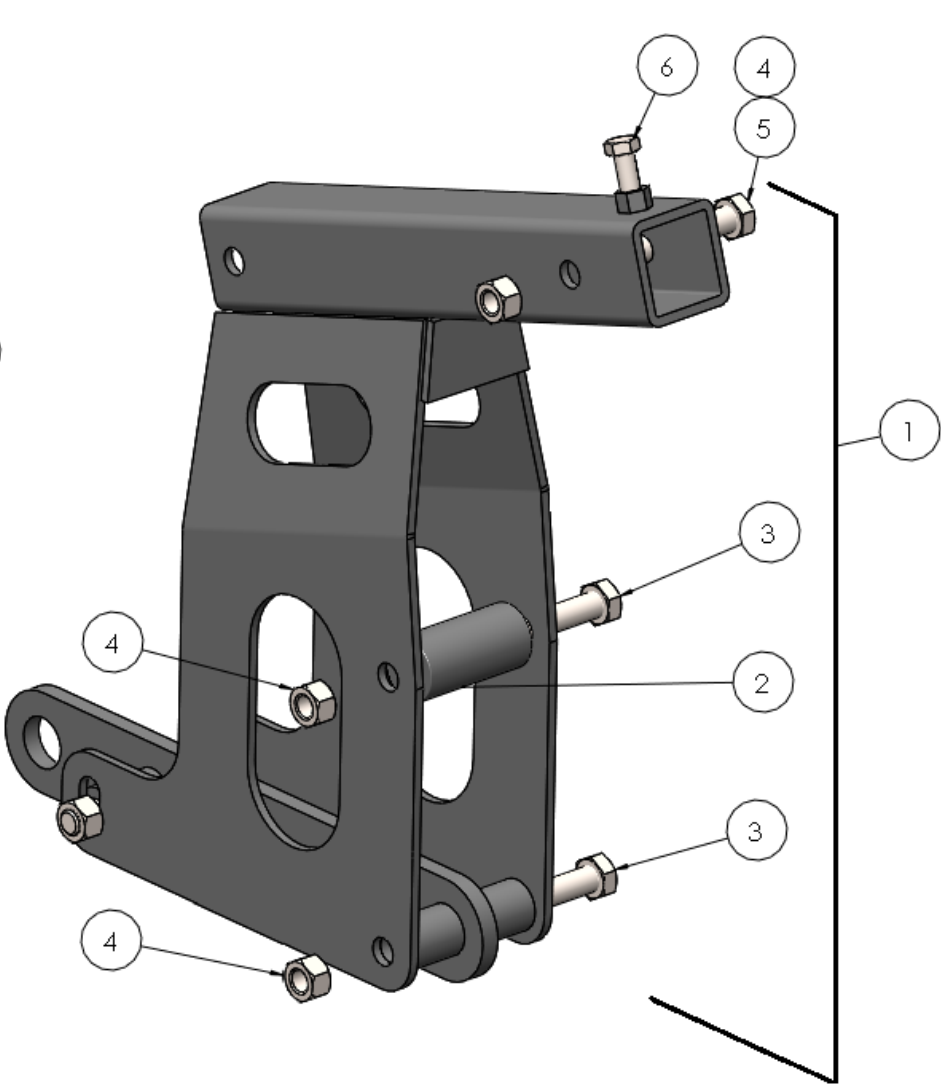
Centre Mount Arm Assy.

| Item # | Part #  | Description                                  | Qty. |
|--------|---------|----------------------------------------------|------|
| 1      | AWS0607 | Centre Mount Bracket Assy (Incl. Items 2-11) | 1    |
| 2      | AWS0588 | Roller, 1/2" x 2-1/2"                        | 2    |
| 3      |         | Bolt, 3/8" nc x 1"                           | 8    |
| 4      |         | Bolt, 1/2" nc x 4"                           | 1    |
| 5      |         | 1/2" nc x 2-1/2"                             | 1    |
| 6      |         | 1/2" nc Stover Lock Nut                      | 4    |
| 7      |         | 3/8" nc Flange Nut                           | 8    |
| 8      |         | Bolt, 1/2" nc x 1"                           | 2    |
| 9      |         | 1/2" Flat Washer                             | 2    |



Outer Mount Arm (Right Hand)

| Item # | Part #  | Description                                                     | Qty. |
|--------|---------|-----------------------------------------------------------------|------|
| 1      | AWS0606 | Outer Mount Arm Assy (Incl. Items 2-7)<br>Specify RH or LH Side | 1    |
| 2      | AWS0701 | Outer Mount Arm Link                                            | 1    |
| 3      | AWS0588 | Roller, 1/2" x 2-1/2"                                           | 1    |
| 4      |         | Bolt, 1/2" nc x 4"                                              | 3    |
| 5      |         | 1/2" nc Stover Lock Nut                                         | 4    |
| 6      |         | Bolt, 1/2" nc x 2-1/2"                                          | 1    |
| 7      |         | Bolt, 3/8" nc x1"                                               | 1    |

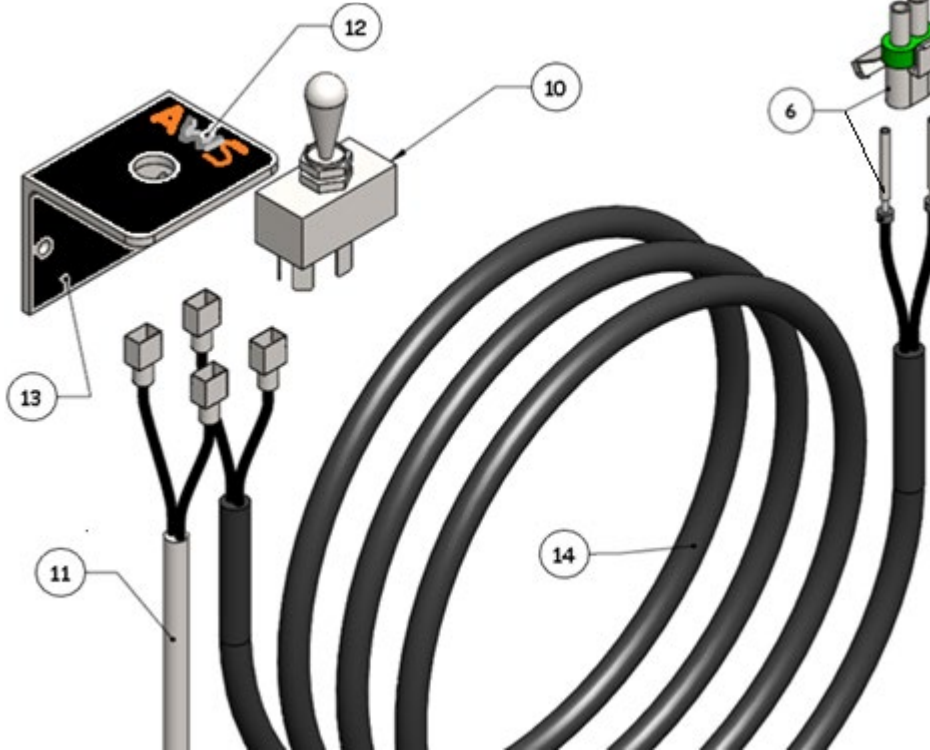


Outer Mount Arm (Left Hand)



Dual Switch Controls

| Item # | Part #        | Description                                                   | Qty |
|--------|---------------|---------------------------------------------------------------|-----|
| 1      | AWS0422       | Switch Box Assy.<br>Specify Application,<br>(Incl. Items 1-7) | 1   |
| 2      | HDTHE2ZI81812 | Screw, Self Drilling 8-18x3/4                                 | 2   |
| 3      | HNYGR51634116 | Grommet                                                       | 1   |
| 4      | AWS0264       | Cable Tie, 5"                                                 | 5   |
| 5      | AWS0402       | Female Spade Terminal, 14g                                    | 2   |
| 6      | AWS0097K      | Terminal Kit – 2 Pin<br>Weatherpak                            |     |
| 7      | AWS0320K      | Terminal Kit – 4 Pin<br>Weatherpak                            |     |

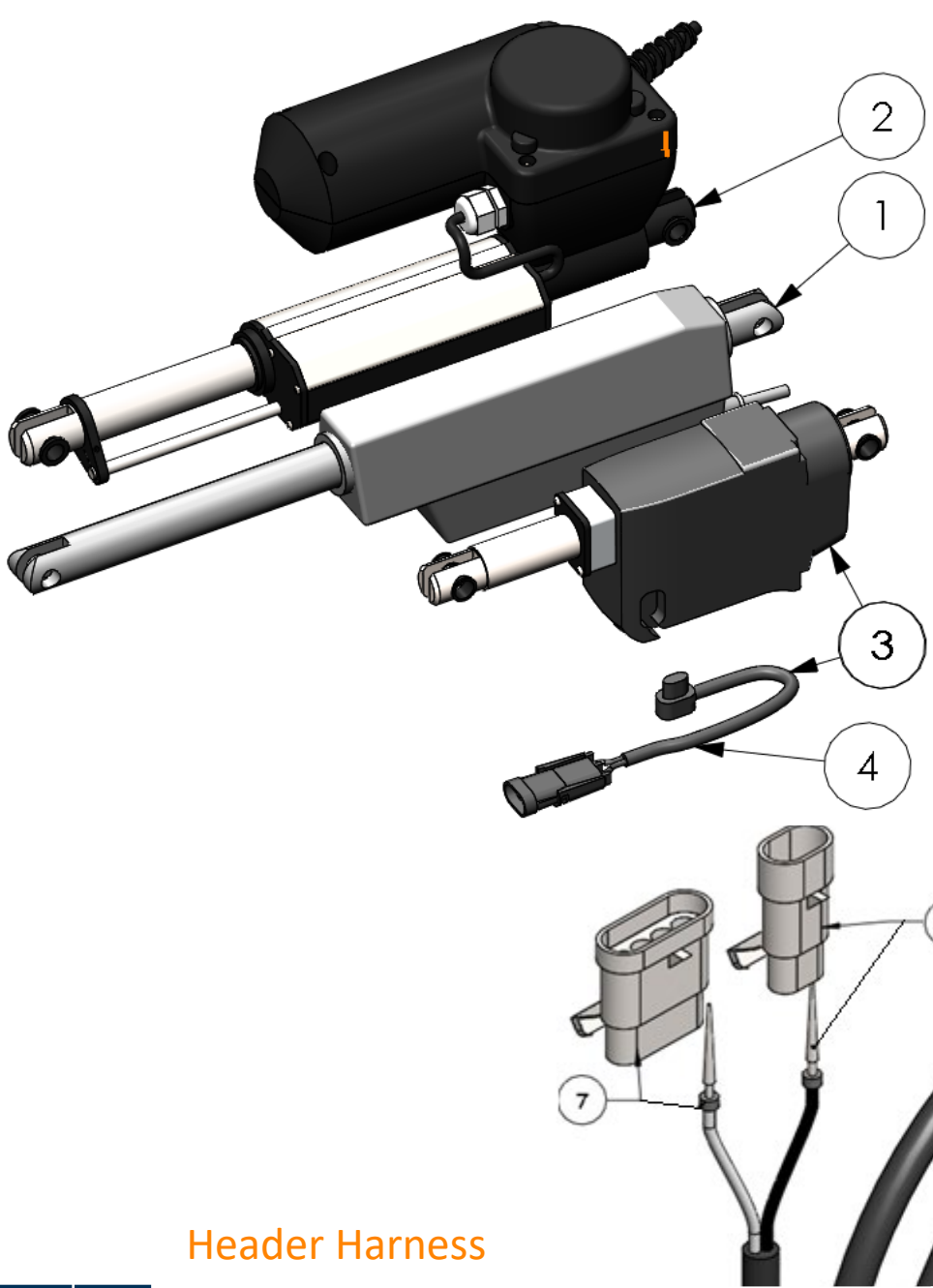


Single Switch Controls

| Item # | Part #   | Description                               | Qty |
|--------|----------|-------------------------------------------|-----|
| 10     | AWS0385  | Switch, DPDT Crossover                    | 1   |
| 11     |          | Power Lead, Specify<br>Application        | 1   |
| 12     | AWS0066  | Decal, Switch Bracket                     | 1   |
| 13     | AWS0386  | Switch Bracket (Incl. Item 12)            | 1   |
| 14     | AWS0099  | Combine Harness, Single 20'               | 1   |
|        | AWS0385K | Single Switch Kit,<br>(Incl. Items 10-14) |     |

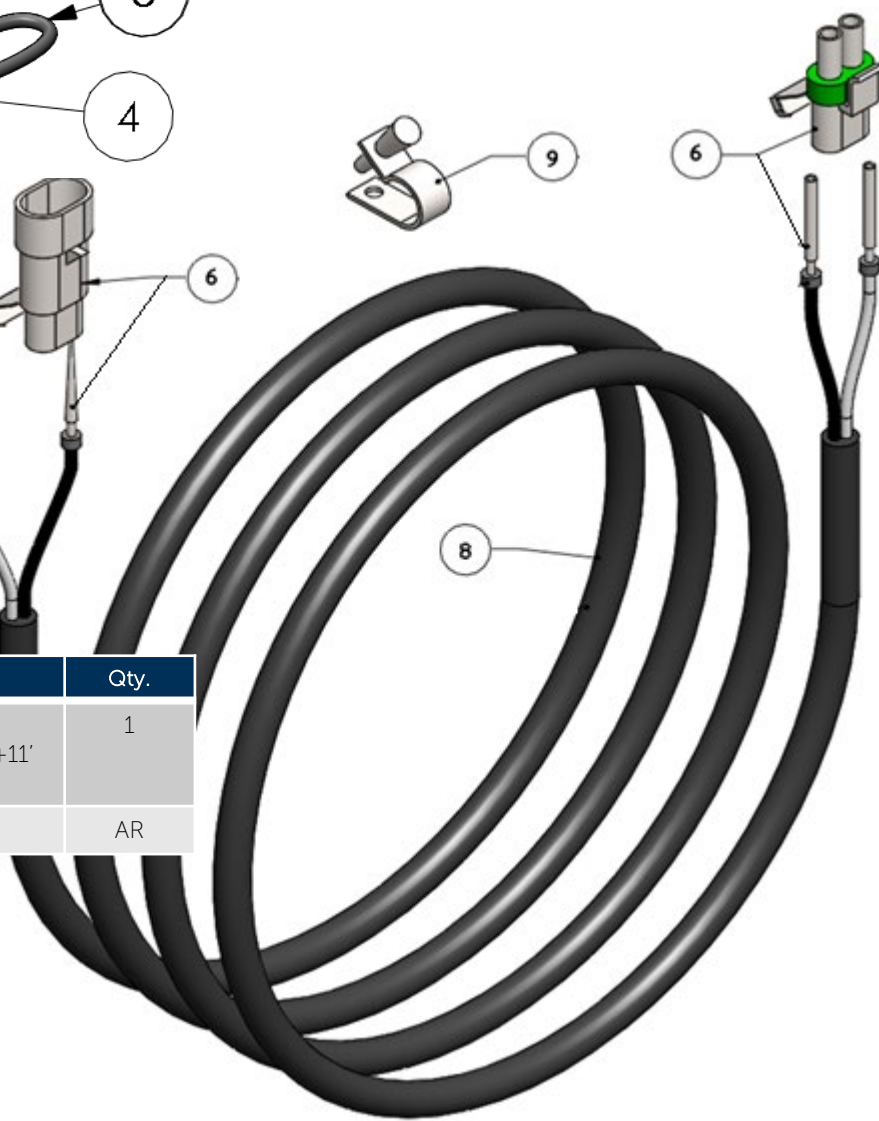
Actuators

| Item # | Part #   | Description                                                            | Qty |
|--------|----------|------------------------------------------------------------------------|-----|
| 1      | AWS0095  | Actuator, Fan Control<br>LA12                                          | 1   |
| 2      | Call AWS | Actuator, Manifold Tilt<br>Single Manifold -2014                       | 1   |
| 3      | AWS0546  | Actuator, Manifold Tilt<br>Single Manifold 2014-<br>(Incl. Item 4)     | 1   |
| 4      | AWS0546B | Actuator Harness LA23<br>(Incl. Clip & Connector,<br>Fits Item 4 only) | 1   |

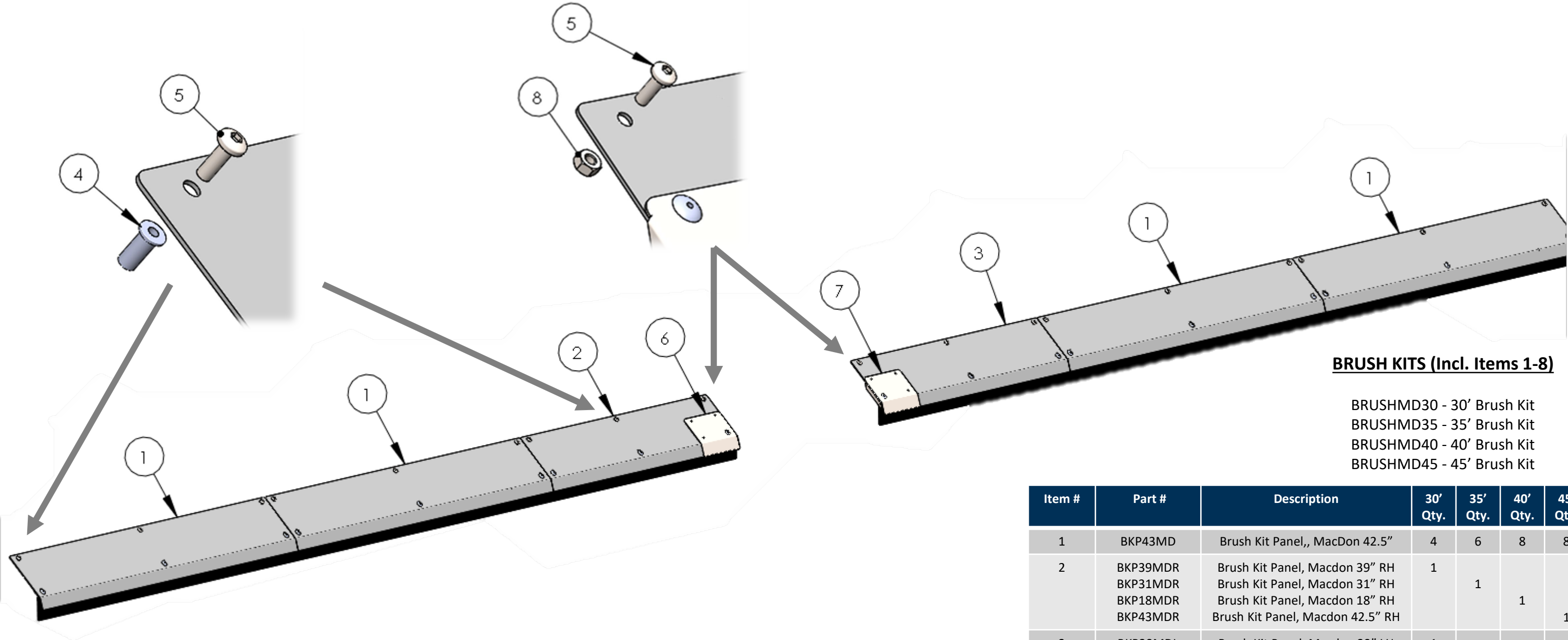


Header Harness

| Item # | Part #                        | Description                                                                     | Qty. |
|--------|-------------------------------|---------------------------------------------------------------------------------|------|
| 8      | AWS0100<br>AWS0101<br>AWS0580 | El. Harness Assy, 33ft<br>El. Harness, Twin Fan 21+11'<br>El. Harness Assy, 21' | 1    |
| 9      | AWS0263                       | Cable Clip, 3/16 Hole                                                           | AR   |



Brush Kit



**BRUSH KITS (Incl. Items 1-8)**

BRUSHMD30 - 30' Brush Kit  
BRUSHMD35 - 35' Brush Kit  
BRUSHMD40 - 40' Brush Kit  
BRUSHMD45 - 45' Brush Kit

| Item # | Part #                                       | Description                                                                                                                            | 30'<br>Qty. | 35'<br>Qty. | 40'<br>Qty. | 45'<br>Qty. |
|--------|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|
| 1      | BKP43MD                                      | Brush Kit Panel,, MacDon 42.5"                                                                                                         | 4           | 6           | 8           | 8           |
| 2      | BKP39MDR<br>BKP31MDR<br>BKP18MDR<br>BKP43MDR | Brush Kit Panel, Macdon 39" RH<br>Brush Kit Panel, Macdon 31" RH<br>Brush Kit Panel, Macdon 18" RH<br>Brush Kit Panel, Macdon 42.5" RH | 1           | 1           | 1           | 1           |
| 3      | BKP39MDL<br>BKP31MDL<br>BKP18MDL<br>BKP43MDL | Brush Kit Panel, Macdon 39" LH<br>Brush Kit Panel, Macdon 31" LH<br>Brush Kit Panel, Macdon 18" LH<br>Brush Kit Panel, Macdon 42.5"LH  | 1           | 1           | 1           | 1           |
| 4      | HRN 1420A                                    | Rivet Nut, 1/4" nc                                                                                                                     | 18          | 24          | 30          | 36          |
| 5      | HPTHZI142034                                 | 1/4" nc x 3/4" Philips Pan Head Bolt                                                                                                   | 18          | 24          | 30          | 36          |
| 6      | SKWCJDR                                      | Wear Cap Right Hand                                                                                                                    | 1           | 1           | 1           | 1           |
| 7      | SKWCJDL                                      | Wear Cap Left Hand                                                                                                                     | 1           | 1           | 1           | 1           |
| 8      |                                              | Nut – 1/4 nc Nylock                                                                                                                    | 2           | 2           | 2           | 2           |
| 9      | TOOLRN                                       | Rivet Nut Tool                                                                                                                         |             |             |             |             |