



Airbar® Parts List

Case IH 2020

more **yield**
 from your **field**
 with air-assist harvesting

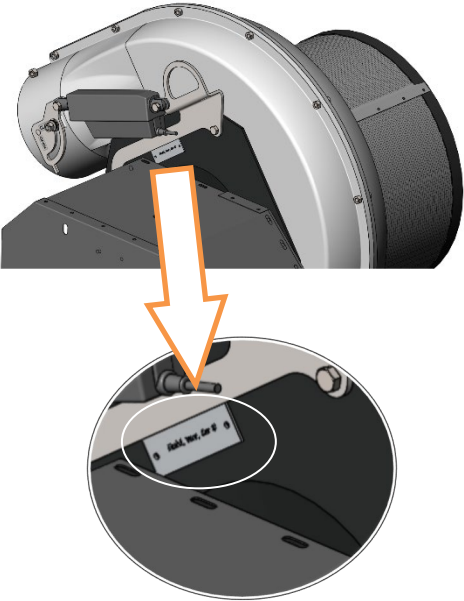
Contact Info:
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Parts Order Information:
 To best fulfill your parts requirements, Gather the following information before contacting us:

- 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:

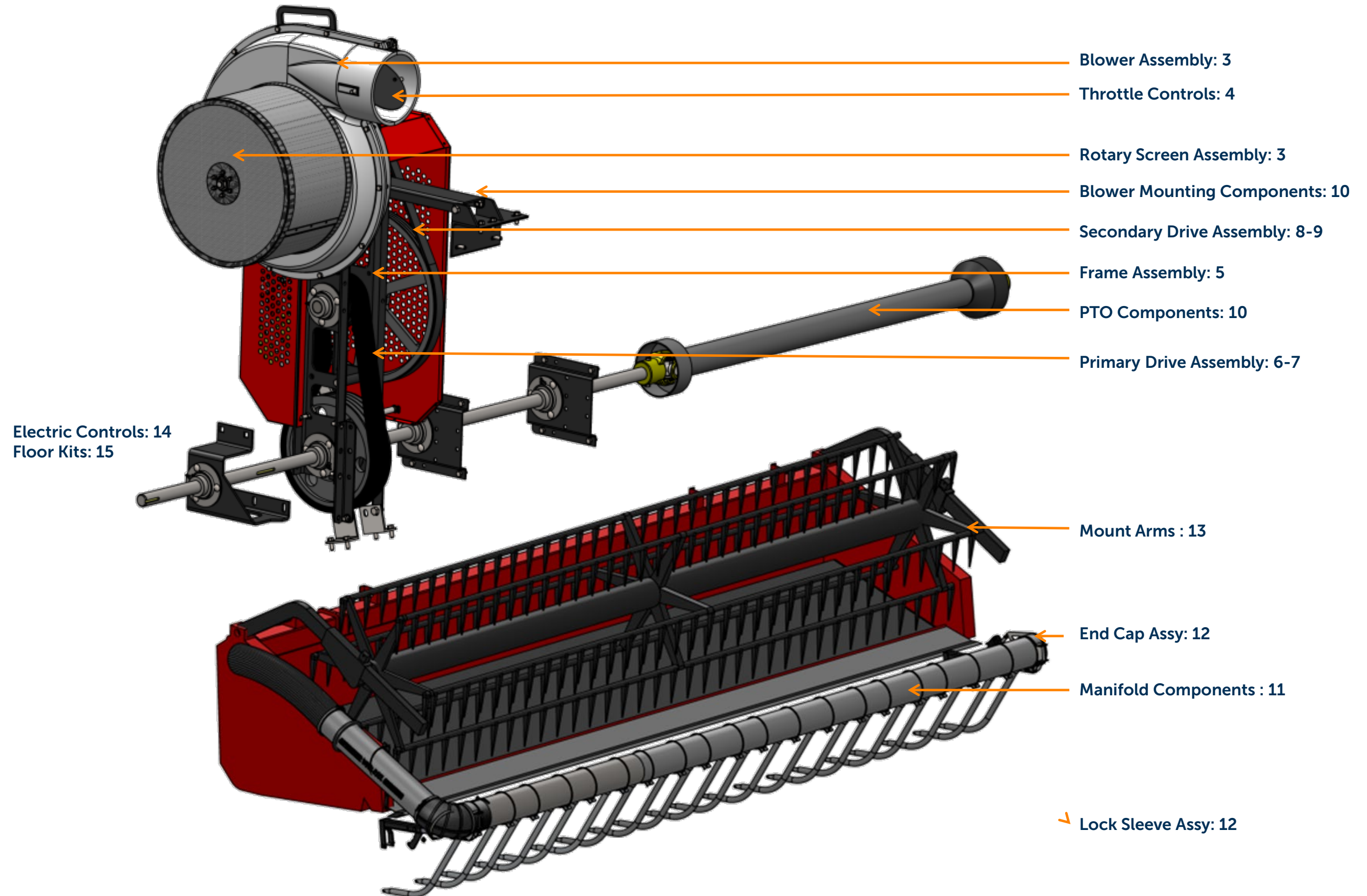
- Via the serial number (Either the 4th or 6th digit of the SN will be A,B or C)
- Via combine manufacturer:

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)

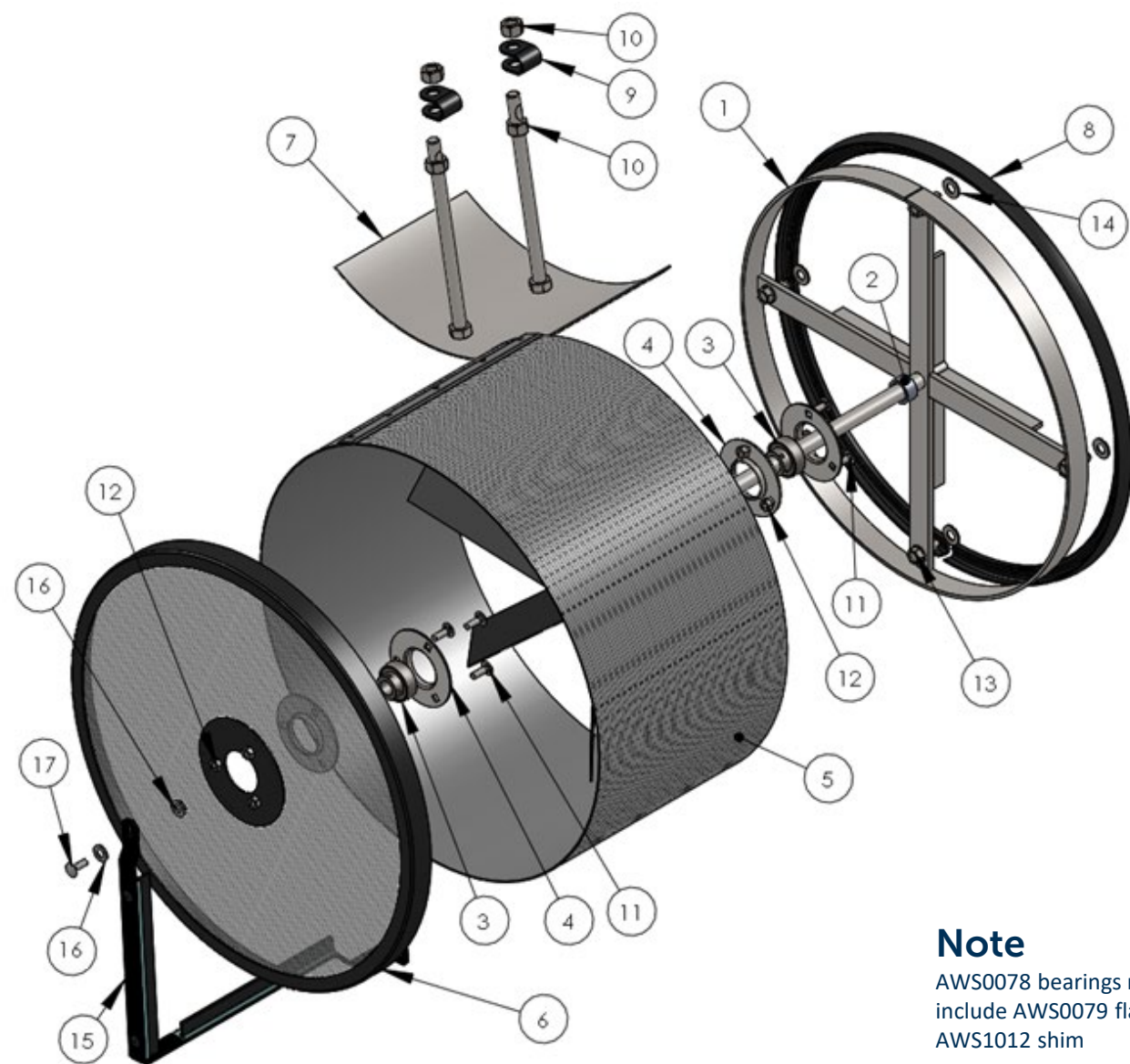
Terms and Conditions:

- All goods are F.O.B Mitchell, Ontario, Canada or Minot, ND USA
- All Parts include 30 day warranty of defects.
- 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).
- 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.

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Rotary Screen Assembly

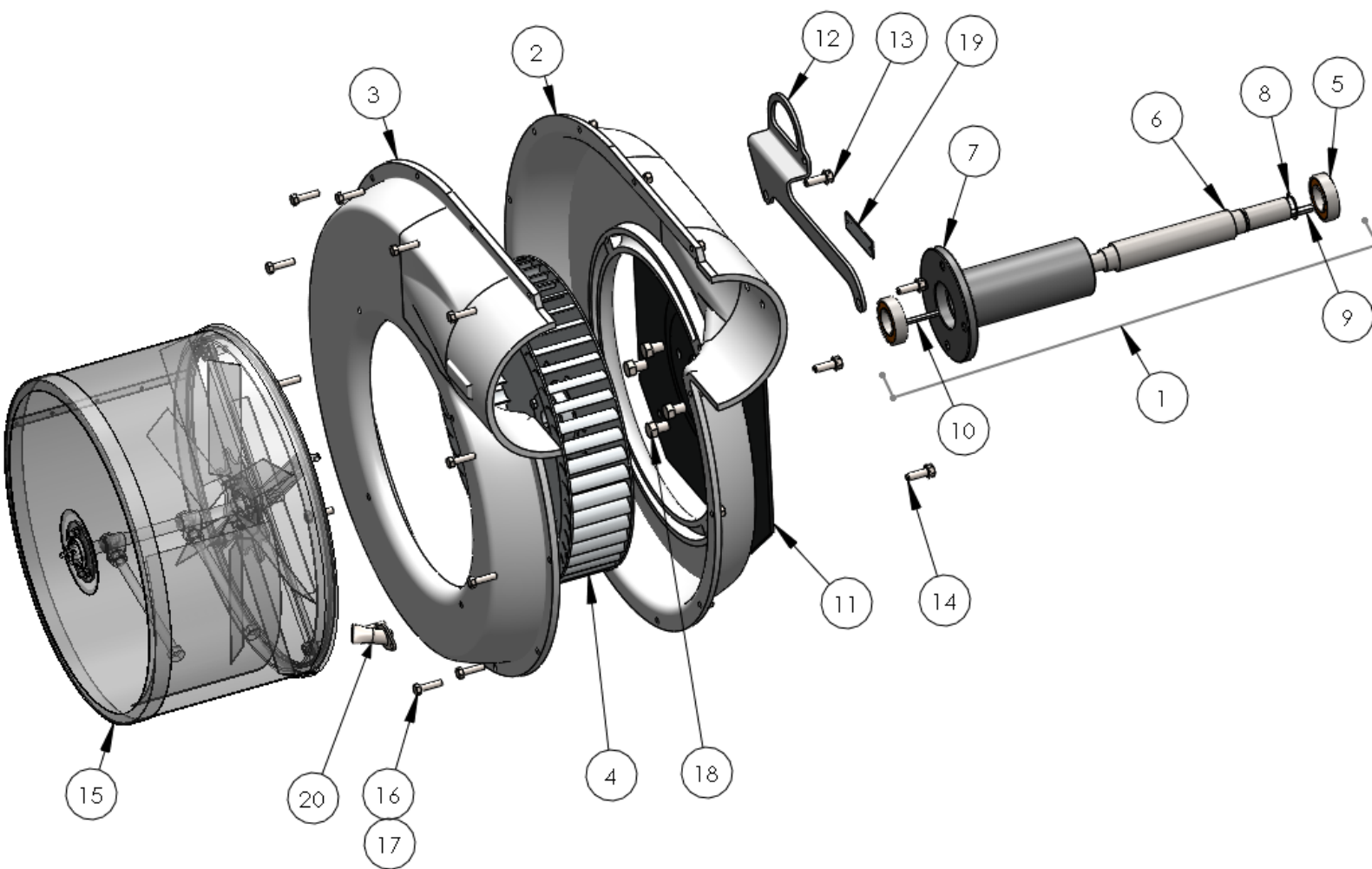


Note
AWS0078 bearings now
include AWS0079 flanges &
AWS1012 shim

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 (Includes 2x AWS0079 Flange &AWS1012 Shim)	2
4	AWS0079 AWS1012	Bearing Flange, PF203 Shim, PF203	4 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)	

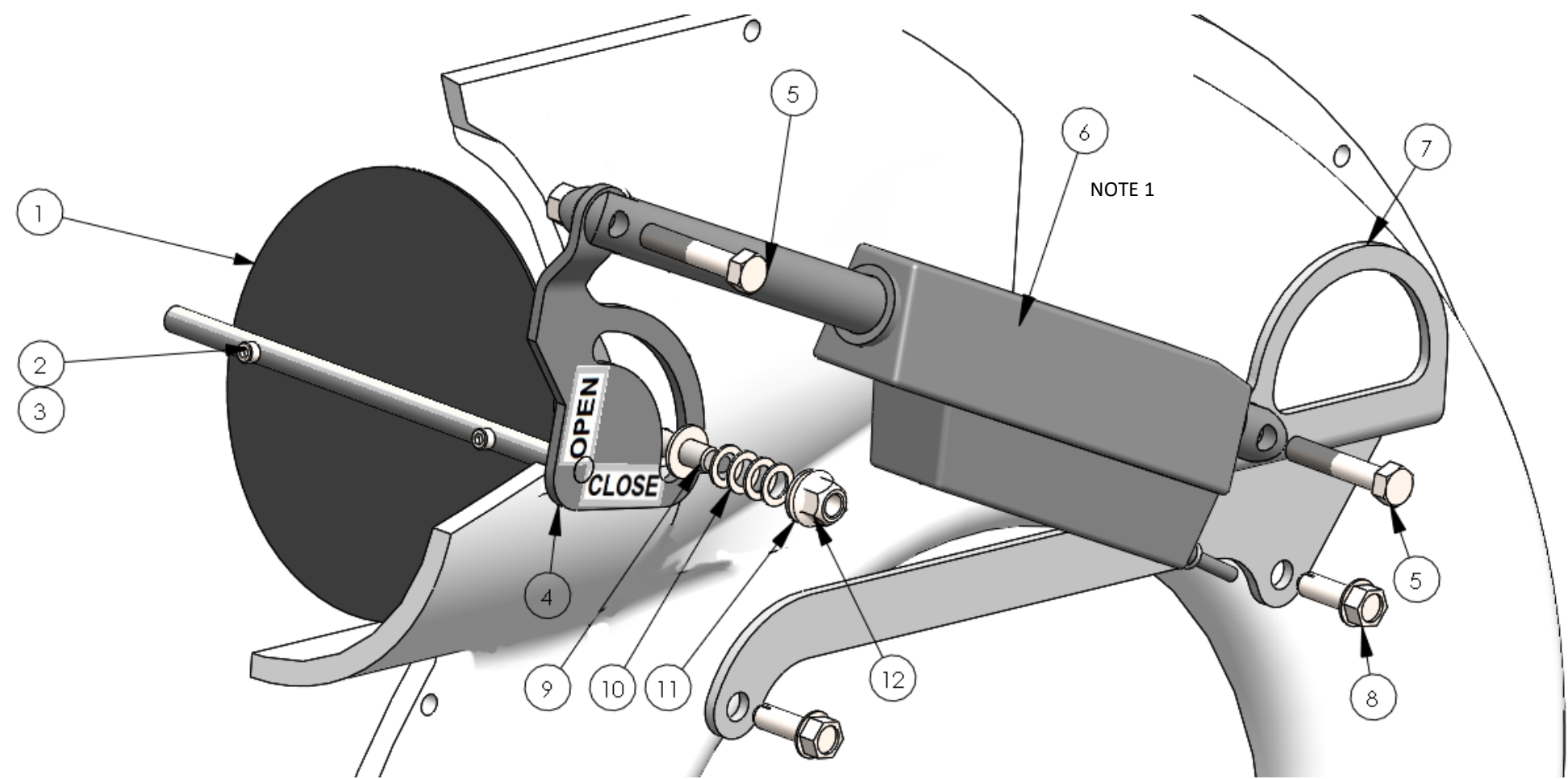
Blower Assembly



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 AWS0070	Impeller, Right Hand H7/8 Hub (Included with Impeller)	1 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

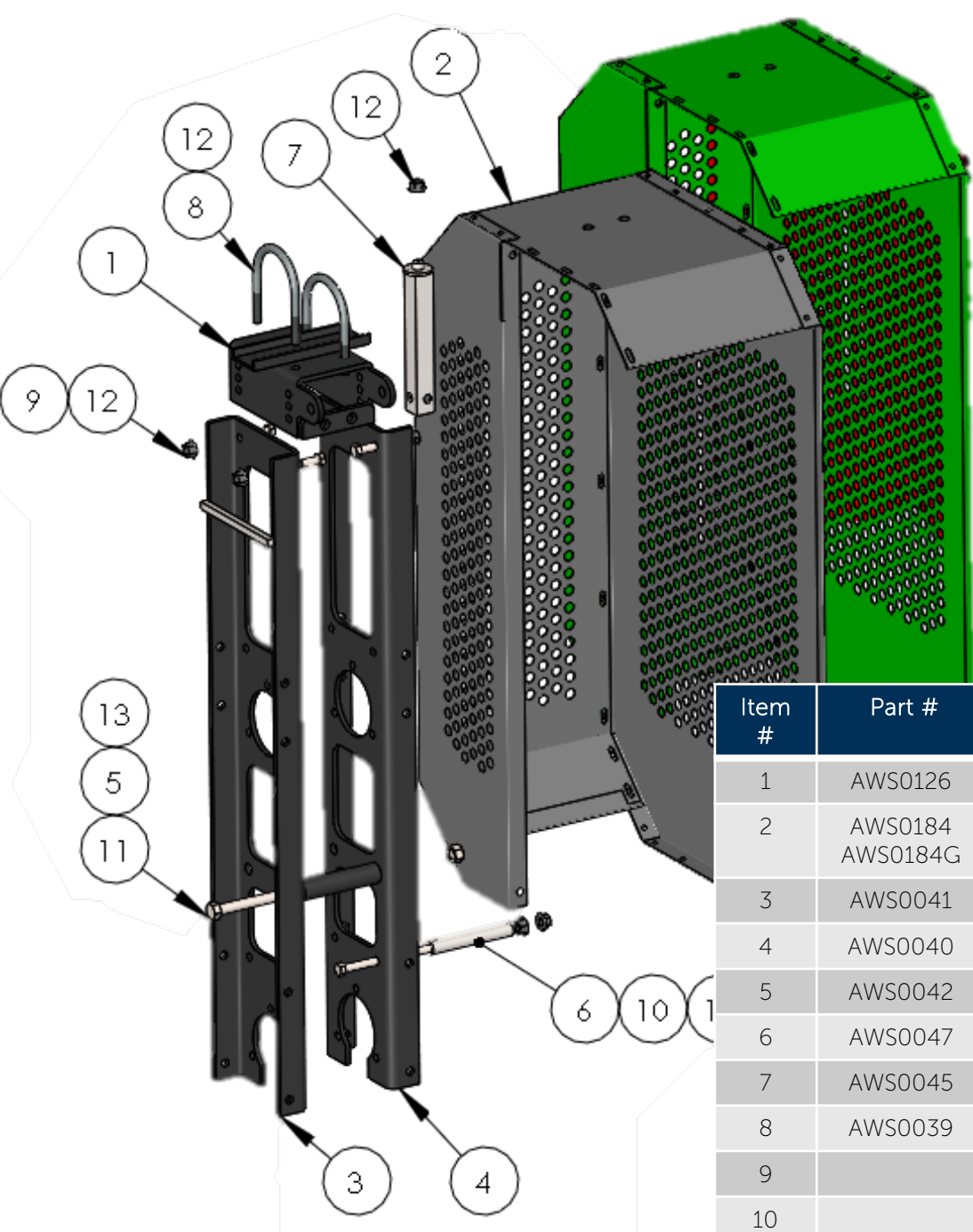
Ref.	Part Number	Description	Qty.
11	AWS0067	Fan Plate	1
12	AWS0203	Actuator Mount, See next page	1
13		Bolt, 3/8nc x 1-1/4	2
14		Bolt, 3/8nc x 1 Self Tapping	2
15	AWS0230R	Rotary Screen Assembly	1
16		Bolt, 5/16nc x 1-1/4	12
17		Nut, 5/16nc Nylock	12
18		Bolt, 1/2" nc x 3/4"	4
19	AWS0065	Serial Number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

Throttle Controls

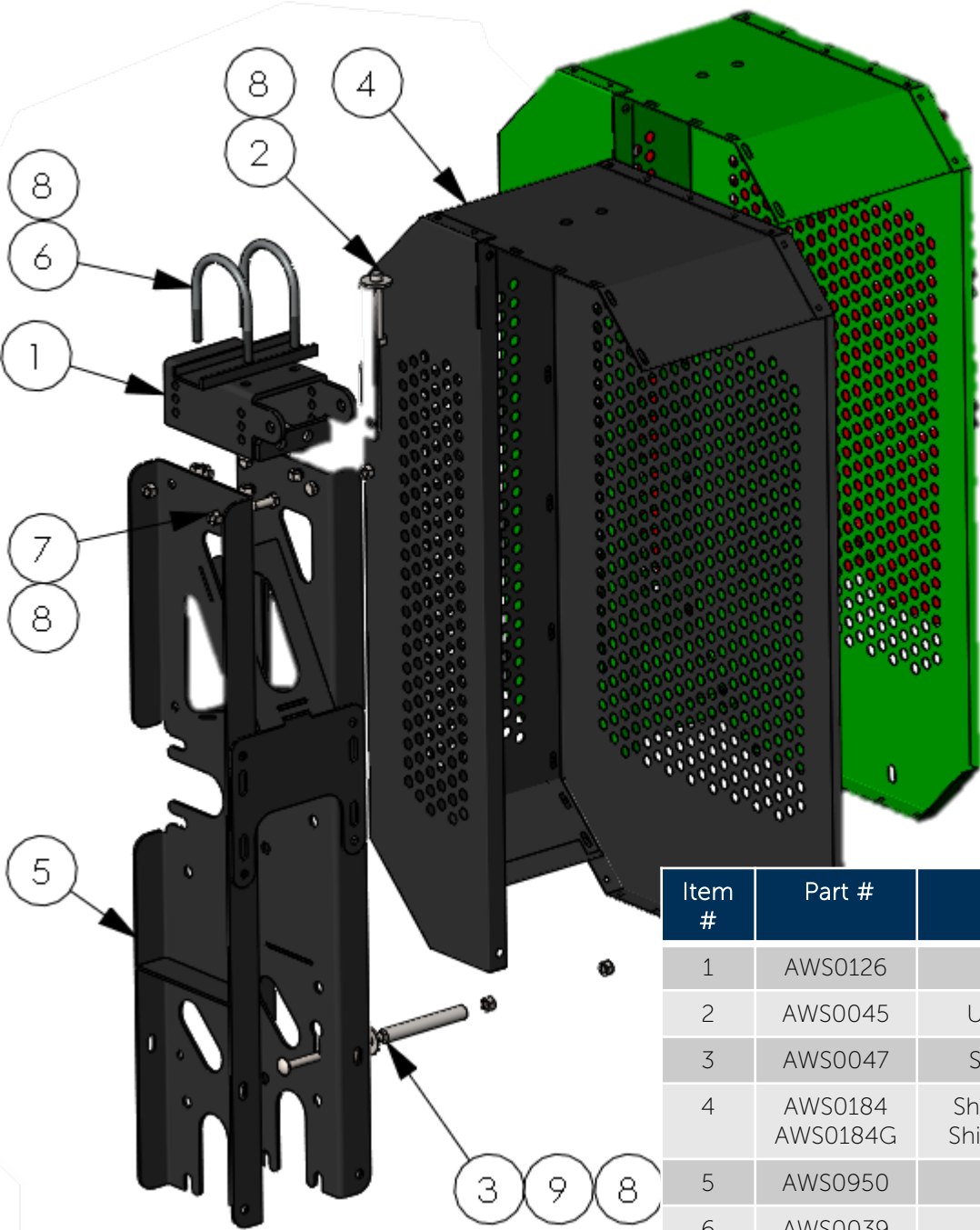


Item #	Part #	Description	Qty.
1	AWS0114	Throttle Plate	1
2	AWS0231	Bolt, 10-32 Socket Head Cap	2
3	AWS0232	Nut, 10-32 SS Nyloc	2
4	AWS0212	Throttle Shaft, RH Electric	1
5	AWS0514	Bolt, Actuator	2
6	AWS0095	Actuator, Throttle Control	1
7	AWS0203	Actuator Mount, RH	1
8		Bolt, 3/8ncX1-1/4	1
9	AWS0171	Stud,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

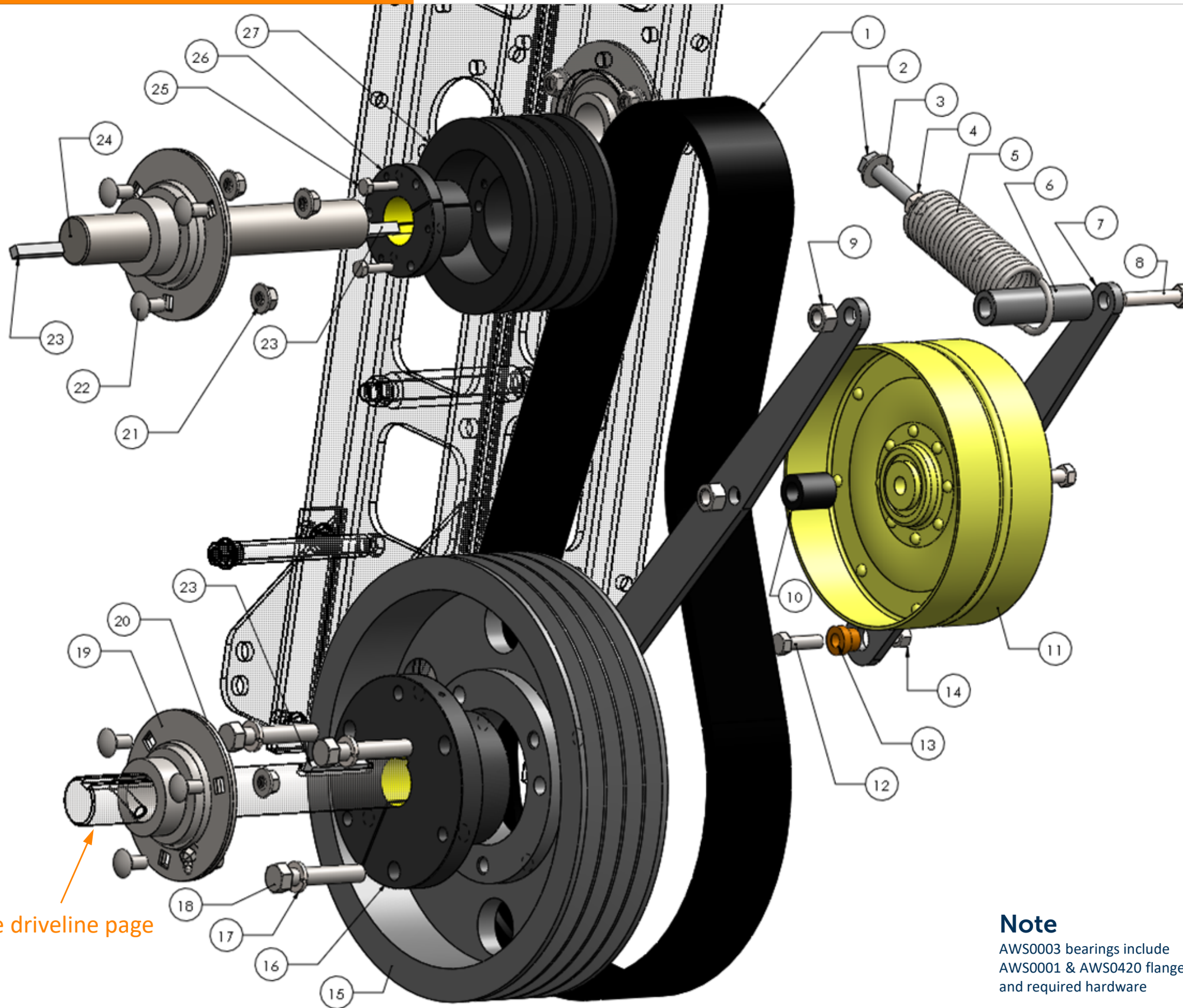


Item #	Part #	Description	Qty.
1	AWS0126	Top Bracket	1
2	AWS0184 AWS0184G	Shield Assembly, (Black) Shield Assembly, (Green)	1
3	AWS0041	Frame Rail, Fan Side	1
4	AWS0040	Frame Rail, Drive Side	1
5	AWS0042	Spacer, ½ x 4-1/4	1
6	AWS0047	Spacer, Lower Shield	1
7	AWS0045	Upper Shield Support	1
8	AWS0039	U-Bolt, 3/8nc x 3	2
9		Bolt, 3/8nc x 1	8
10		Bolt, 3/8nc x 5-1/2	1
11		Bolt, 1/2nc x 5-1/2	1
12		Nut, 3/8nc Serrated Flange	11
13		Nut, 1/2nc Stover Lock	1



Item #	Part #	Description	Qty.
1	AWS0126	Top Bracket	1
2	AWS0045	Upper Shield Support	1
3	AWS0047	Spacer, Lower Shield	1
4	AWS0184 AWS0184G	Shield Assembly , (Black) Shield Assembly , (Green)	1
5	AWS0950	Chassis	1
6	AWS0039	U-Bolt, 3/8nc x 3	2
7		Bolt, 3/8nc x 1	8
8		Nut, 3/8nc Serrated Flange	15
9		Bolt, 3/8nc x 5-1/2	1

Primary Drive Assembly to 2020 (3 Bolt Stamped Bearing Flanges)



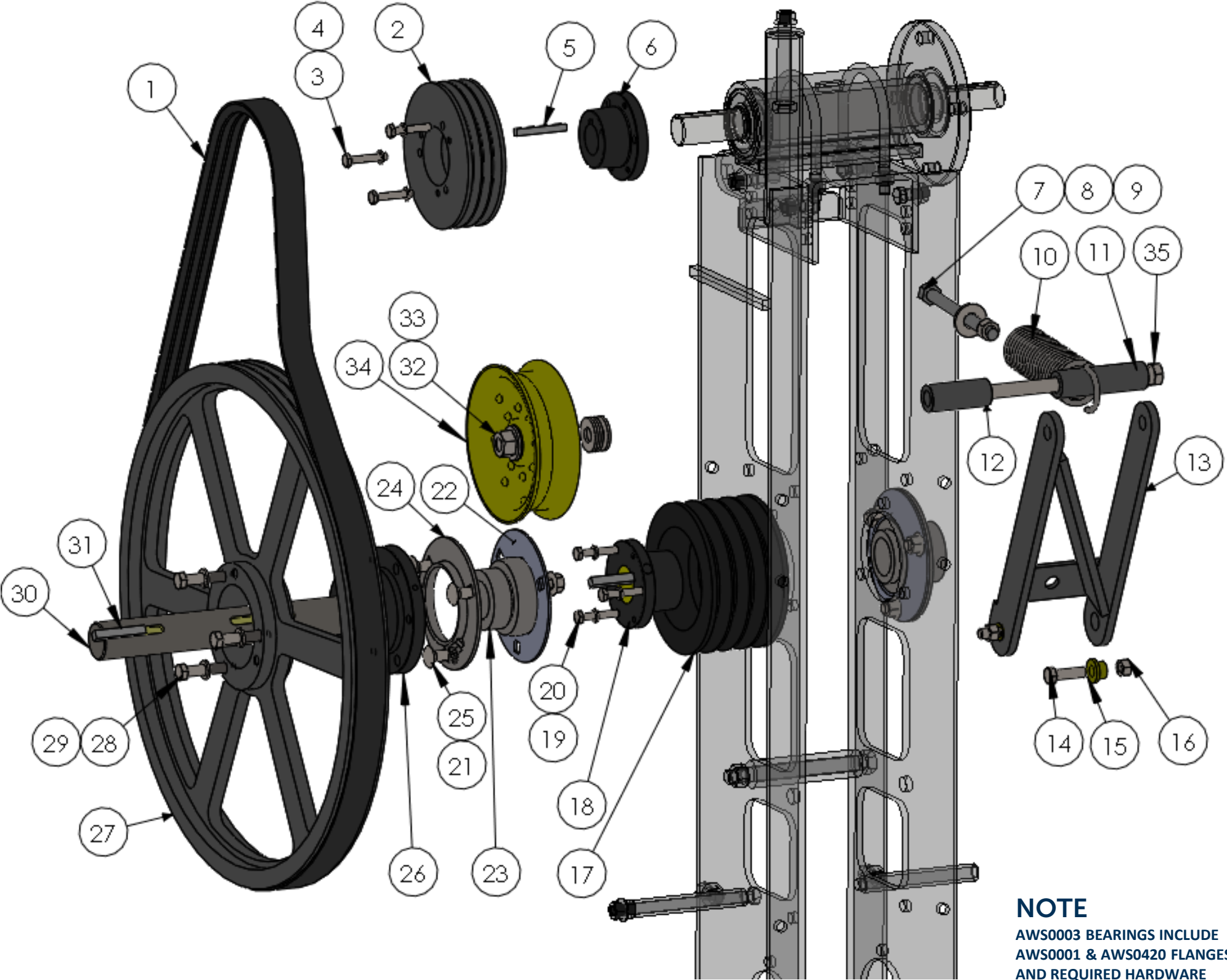
Note

AWS0003 bearings include AWS0001 & AWS0420 flanges and required hardware

Item #	Part #	Description	Qty.
1	AWS0020 AWS0220	Belt, 5VX-630-4 Belt, 5V-630-4BP Premium	1 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 (Includes AWS0003 & AWS0420 Flanges)	4

Secondary Drive Assembly

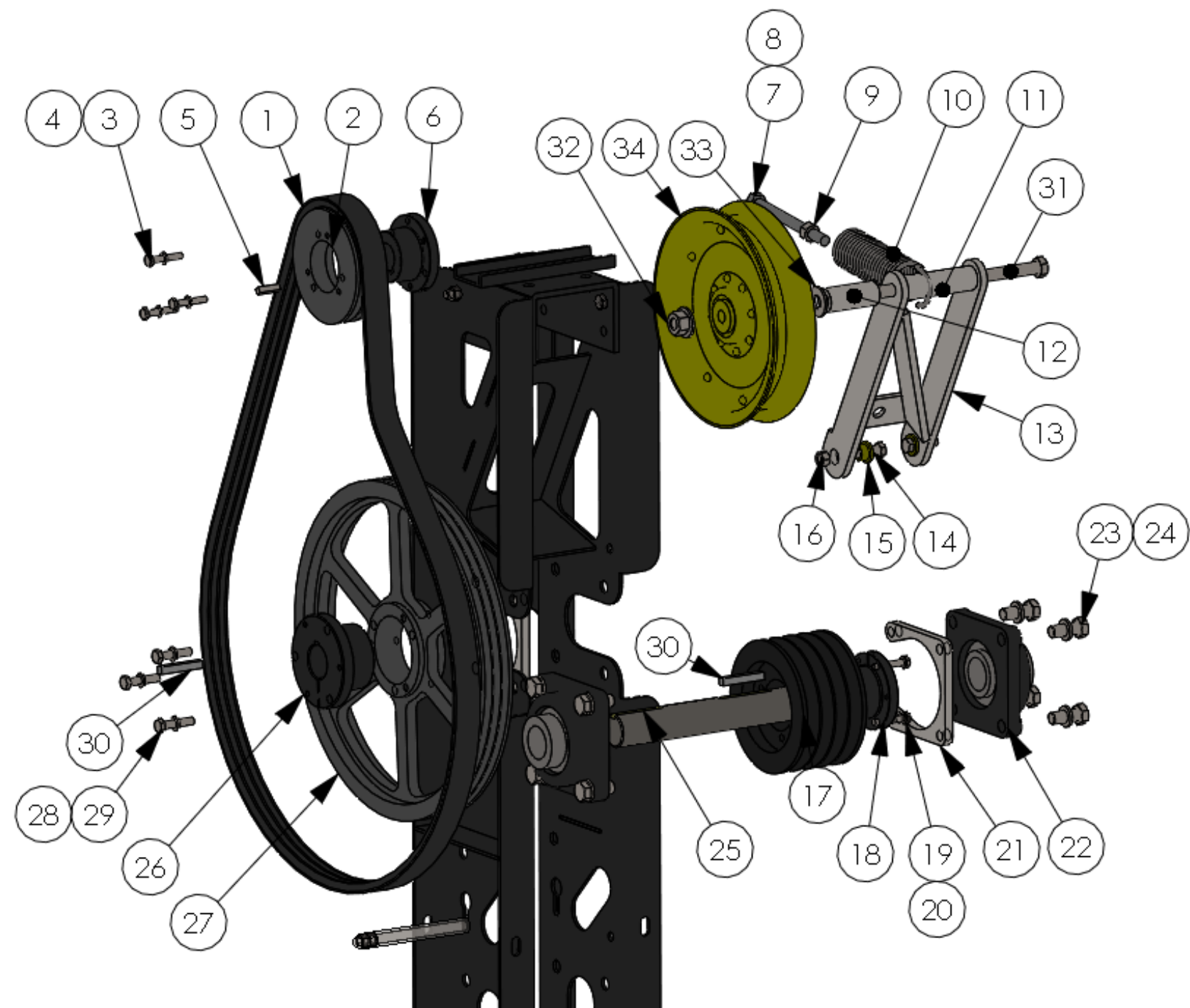
to 2020 (3 Bolt Stamped Bearing Flanges)



Item #	Part #	Description	Qty.
1	AWS0025	Belt, 3VX-750-3	1
2	AWS0029	Sheave, 3V-5.30-3	1
3		Tap Bolt, 1/3nc 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
12	AWS0112	Spacer, 1/2X 2-3/8	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		Nut, 3/8nc Flange	6
22	AWS0001	Bearing Flange, PF207	2
23	AWS0003	Bearing, 1-3/8 Wide Race w/ Collar (Includes Flanges)	2
24	AWS0420	Bearing Flange, Greaseable	2
25		Bolt, 3/8nc X3/4 Carriage	6
26	AWS0032	Bushing, SF 1-3/8	1
27	AWS0026	Sheave, 3V-19.0-3	1
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, 1/2	A/R
34	AWS0111	Idler, 5"	1
35		Bolt, 1/2 nc x 8-1/2	1

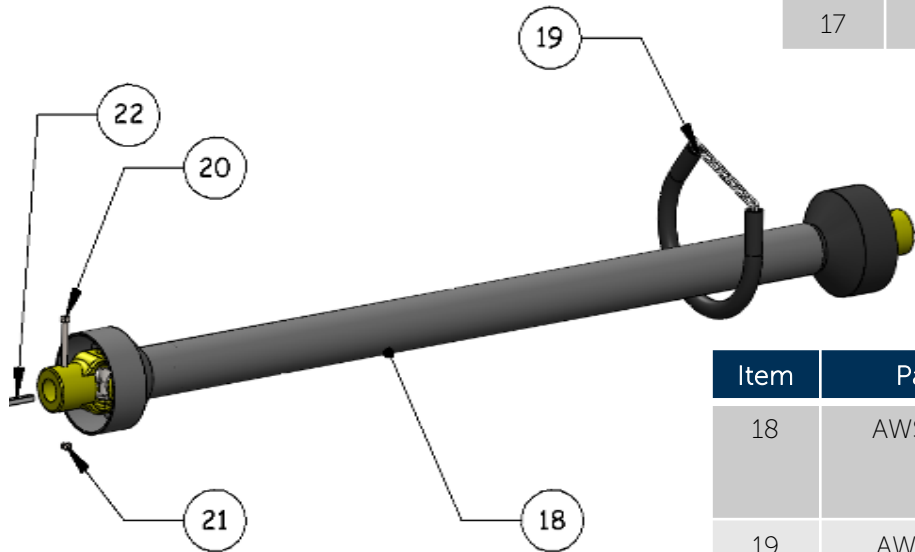
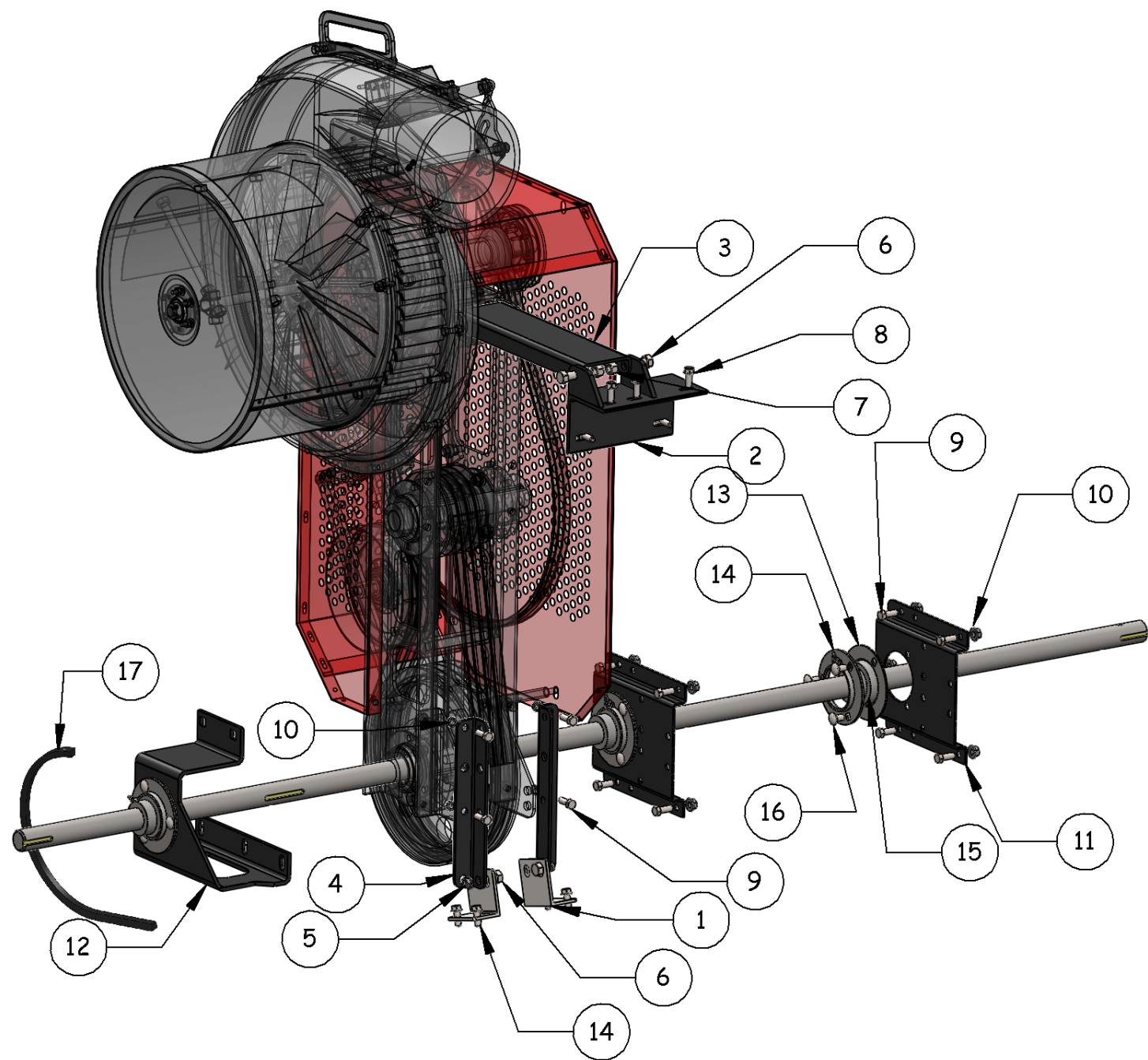
Secondary Drive Assembly

2021 & up (4 Bolt Cast Bearing Flanges)



Item #	Part #	Description	Qty.
1	AWS0025	Belt, 3VX-750-3	1
2	AWS0029	Sheave, 3V-5.30-3	1
3		Bolt, 1/4ncX1-1/2, Tap (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	Bolt, 7/16ncX5 Tap	1
8		Flat Washer, 7/16	1
9	AWS0016	Jam Nut, 7/16	1
10	AWS0014	Spring, Extension (Incl. 7-9)	1
11	AWS0017	Spacer, 1/2X 3-1/2	1
12	AWS0112	Spacer, 1/2X 2-3/8	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		Bolt , 1/4ncX2 Tap (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
26	AWS0032	Bushing, SF 1-3/8	1
27	AWS0026	Sheave, 3V-19.0-3	1
28		Bolt, 3/8ncX2-1/2 (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
34	AWS0111	Idler, 5"	1

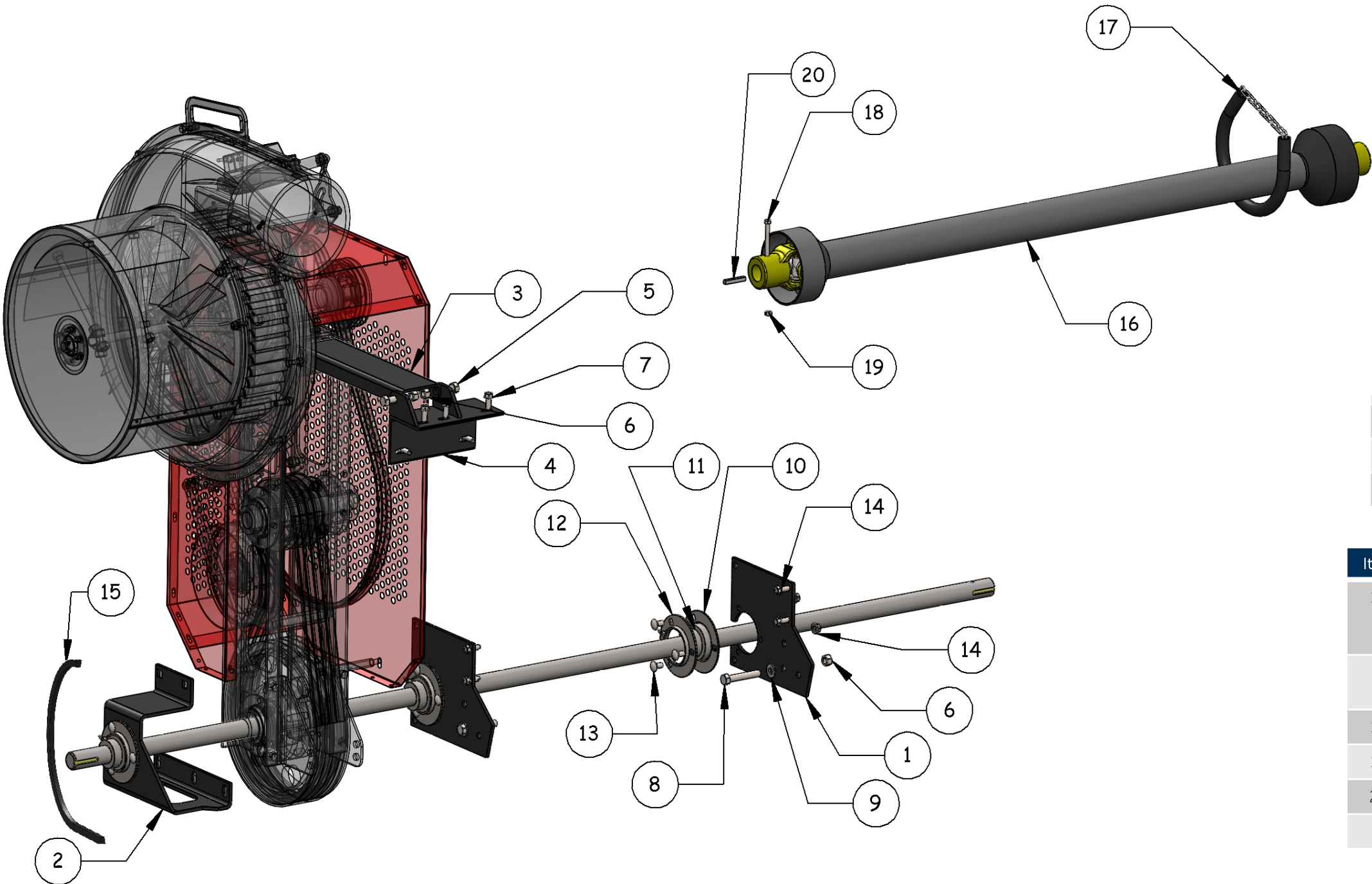
*Uses original Drive Shaft on Header.



Item	Part #	Description	Qty
1	AWS0655	CNH Base Tab (35' Only)	2
2	AWS0480	Top Link Bracket CNH	1
3	AWS0424	Top Link, 14"	1
4	AWS0638	Lower Support, Angle (35' Only)	2
5		1/2" nc Flange Nut	2
6		1/2" nc x 1" Hex Bolt	6
7		1/2" nc Stover Lock Nut	4
8		3/8" nc x 1" Hex Flange Self Tap	9
9		3/8" nc x 1" Hex Bolt	12
10		3/8" nc Flange Nut	21
11	AWS0057	Case Bearing Support	2
12	AWS0446	Case 2020 End Bracket	1
13	AWS0001	Bearing Flange, PF 207	3
14	AWS00420	Bearing Flange, Greasable	3
15	AWS0003	Bearing, 1-3/8" WR w/ Collar	3
16		3/8" NC 1-1/4" Carriage Bolt	9
17	AWS0475	Belt, C-116	1

Item	Part #	Description	Qty.
18	AWS0462	PTO Assy, 6sp QR – 6sp Pin PTO Assy, 1-1/8 Hex – 6sp Pin Specify Application	1 Opt
19	AWS0115 Sub AWS0826	PTO Tie Chain PTO Strap	1
20		Bolt, 5/16nc x 2-3/4"	1
21		Nut, 5/16 Nyloc	1
22	AWS0011	Key, 5/16 X 2	1
	AWS0454	PTO Cross Bearing Kit, W2400	1

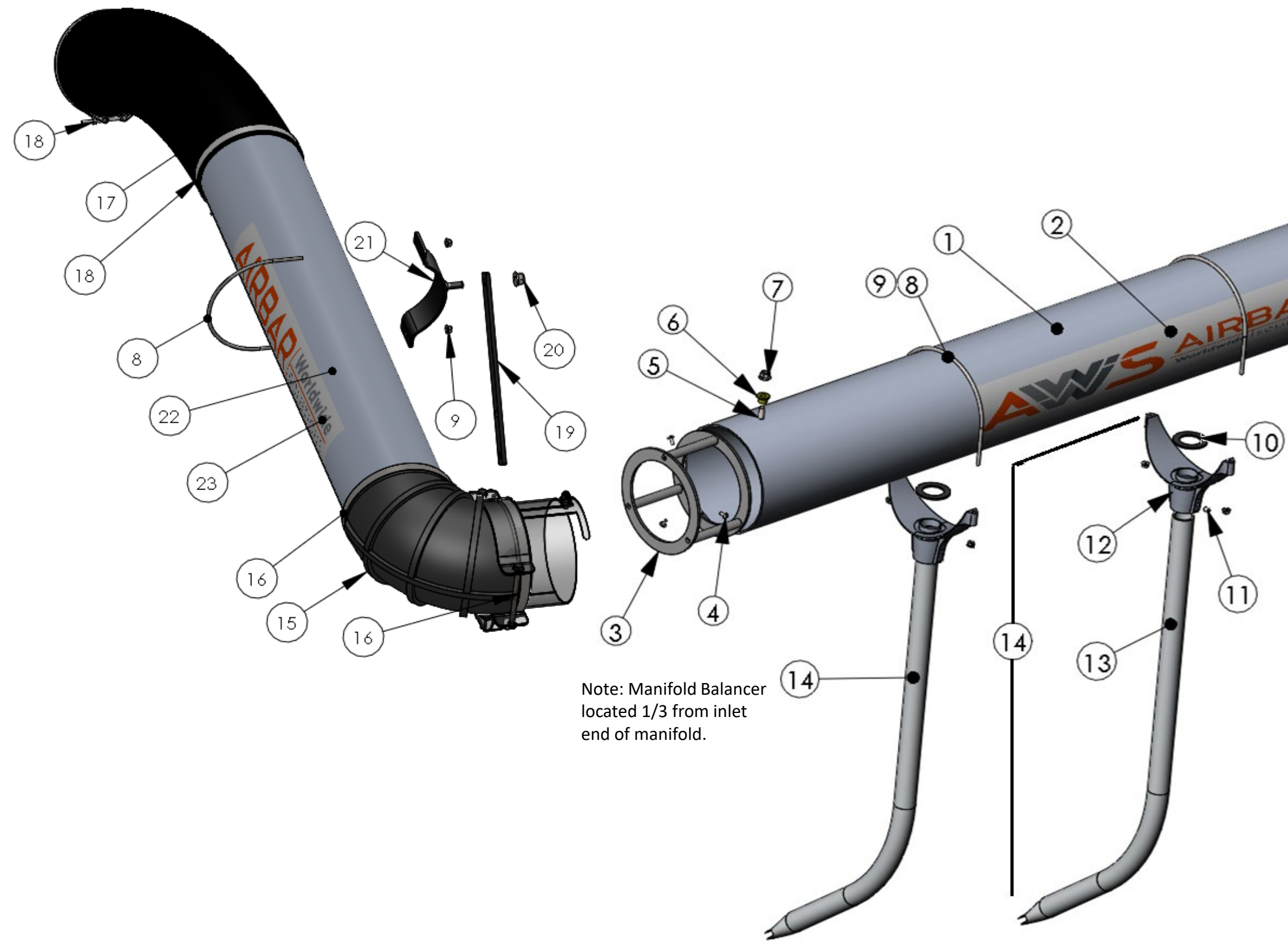
*Uses original Drive Shaft on Header.



Item	Part #	Description	Qty
1	AWS0328	NH Bearing Support 73C/74C	2
2	AWS0446	Case 2020 End Bracket	1
3	AWS0424	Universal Top Link, Long	1
4	AWS0480	CNH Top Bracket	1
5		1/2" nc x 1" Hex Bolt	4
6		1/2" nc Stover Lock Nut	4
7		3/8" nc x 1" Flange Hex Self Tapping	9
8		1/2" nc x 3" Hex Bolt	2
9		1/2" Flat Washer	2
10	AWS0001	Bearing Flange, PF 207	3
11	AWS0003	Bearing, 1-3/8" Wide Race w/ Collar	3
12	AWS00420	Bearing Flange, Greasable	3
13		3/8" NC 1-1/4" Carriage Bolt	9
14		3/8" nc Flange Nut	9
15	AWS0475	Belt, C-116	1

Item	Part #	Description	Qty
16	AWS0462	PTO Assy. 6sp QR – 6sp Pin PTO Assy. 1-1/8 Hex – 6sp Pin Specify Application	1 Opt
17	AWS0115 Sub AWS0826	PTO Tie Chain PTO Strap	1
18		Bolt, 5/16nc x 2-3/4"	1
19		Nut, 5/16 Nyloc	1
20	AWS0011	Key, 5/16 x 2	1
	AWS0454	PTO Cross Bearing Kit, W2400	1

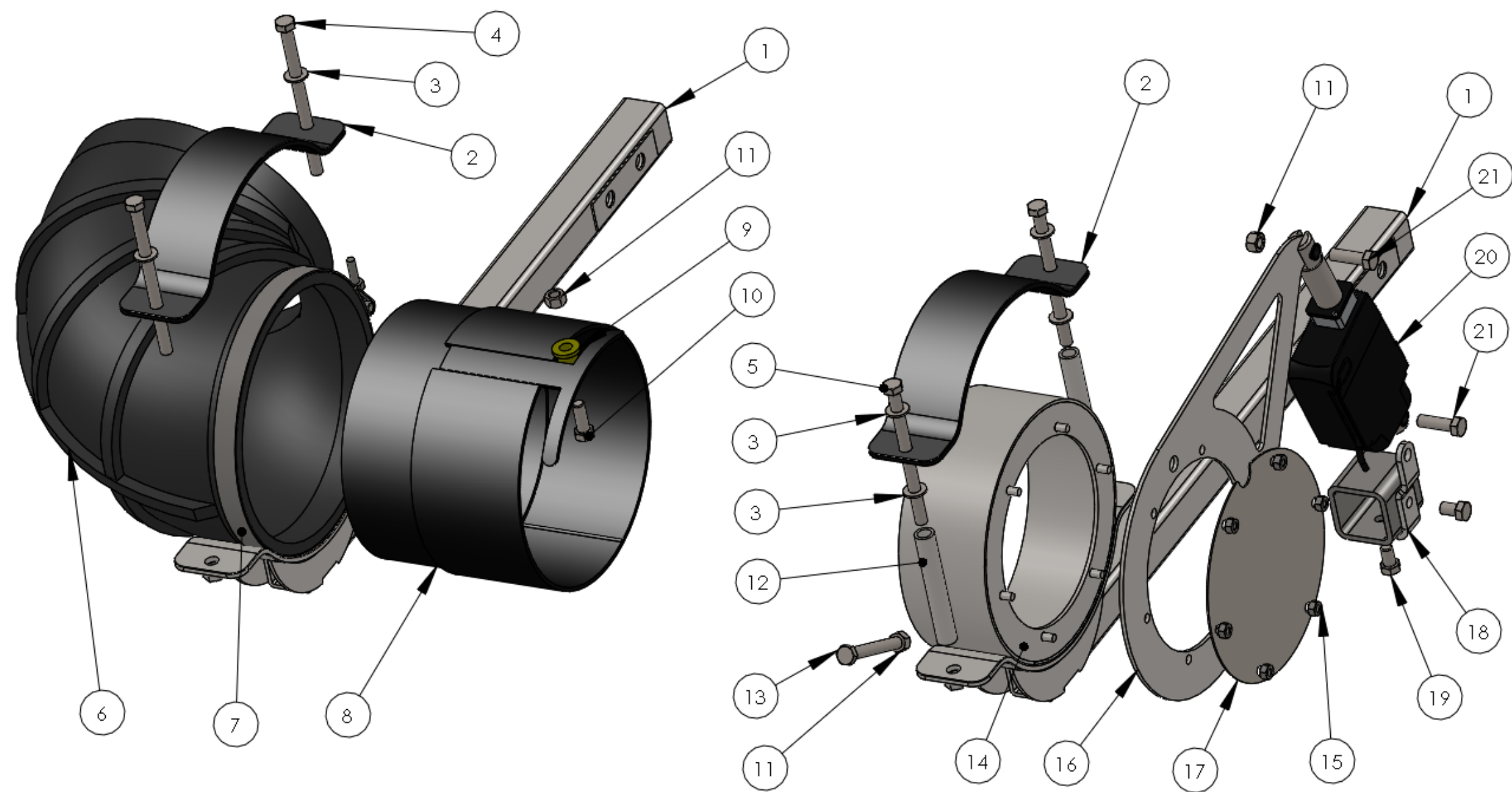
Manifold Components



Note: Manifold Balancer located 1/3 from inlet end of manifold.

Item #	Part #	Description	Qty.
1	CALL AWS	Replacement Manifold (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		3/8 nc 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		Set Screw m8x10 S.S.	2
12	AWS0760	Nozzle Saddle, Cast w/ Set Screws	AR
13	AWS0762	Nozzle Tube, 48"	AR
14	AWS0767	Nozzle, 42" (Incl. Items 10-13)	AR
15	AWS0091	Elbow 90 x8"	2
16	AWS0086	Hose Clamp 8.75"	8
17	AWS0410	Flex Hose, 8 x 60"	1
18	AWS0085	Hose Clamp, 8.25"	2
19	AWS0090	Transition Tube Support	1
20		1/2nc Locknut	1
21	AWS0153	Saddle, With Stud	1
22	AWS0087	Transition Tube (Incl. Item 23)	1
23	AWS0782	Decal, Logo 24x4	1

End Cap and Lock Sleeve

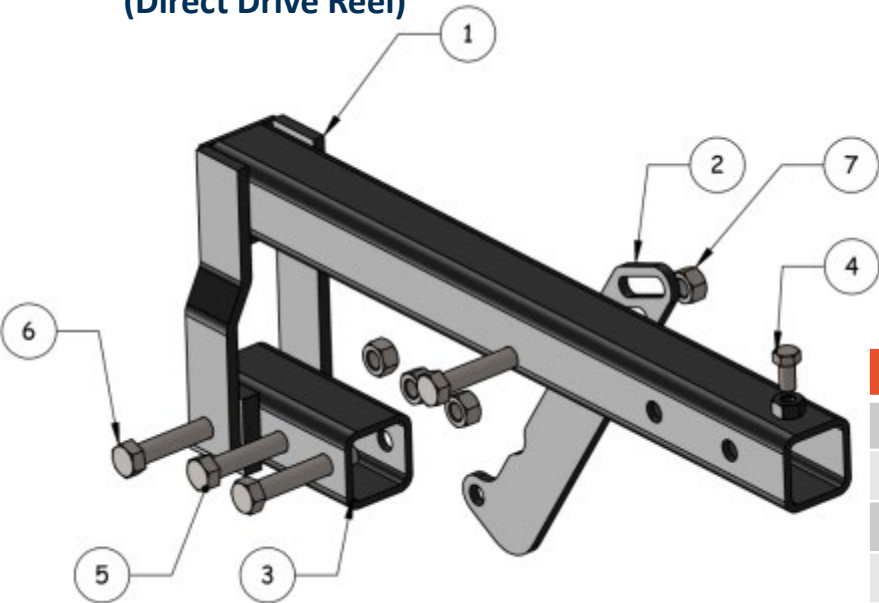


AWS0814 End Cap Assembly, w/ lever
includes items 11,13,14,15,16,17

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	AWS0811	End Cap Arm	1
17	AWS0813	End Cap Plate, 6 bolt	1
18	AWS0103	Actuator Pivot	1
19		Bolt, 3/8nf x 5/8	2
20	AWS0546	Actuator, Manifold Tilt	1
21	AWS0514	Actuator Bolt	2

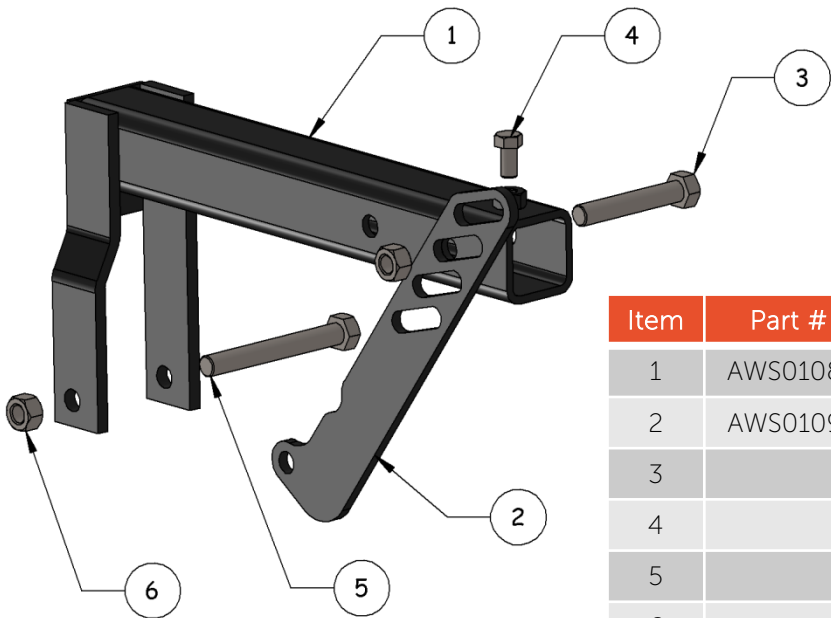
Mount Arms

Right Mount Arm, Early Models
(Direct Drive Reel)



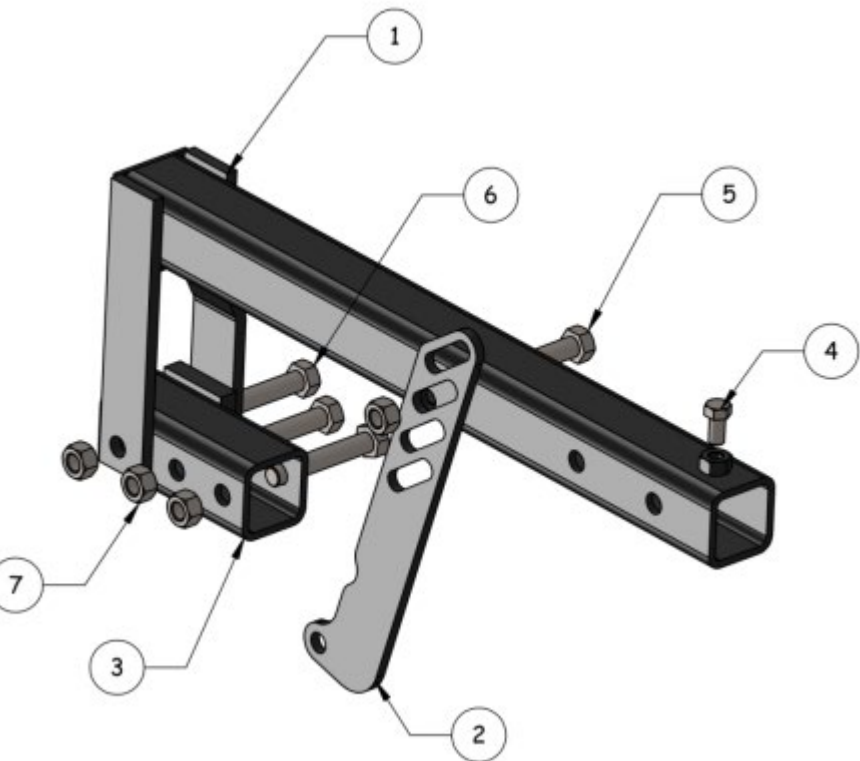
Item	Part #	Description	Qty
1	AWS0357	Agco/NH U-2 Mount Arm, Right	1
2	AWS0109	Adjusting Link, 11"	1
3		CNH 2074 Manifold Bracket	1
4		Bolt, 1/2" nc x 1"	2
5		Bolt, 1/2" nc x 3"	2
6		Bolt, 1/2" nc x 4"	2
7		Stover Lock Nut, 1/2"	4

Right Mount Arm, Late Models
(Chain Drive Reel)



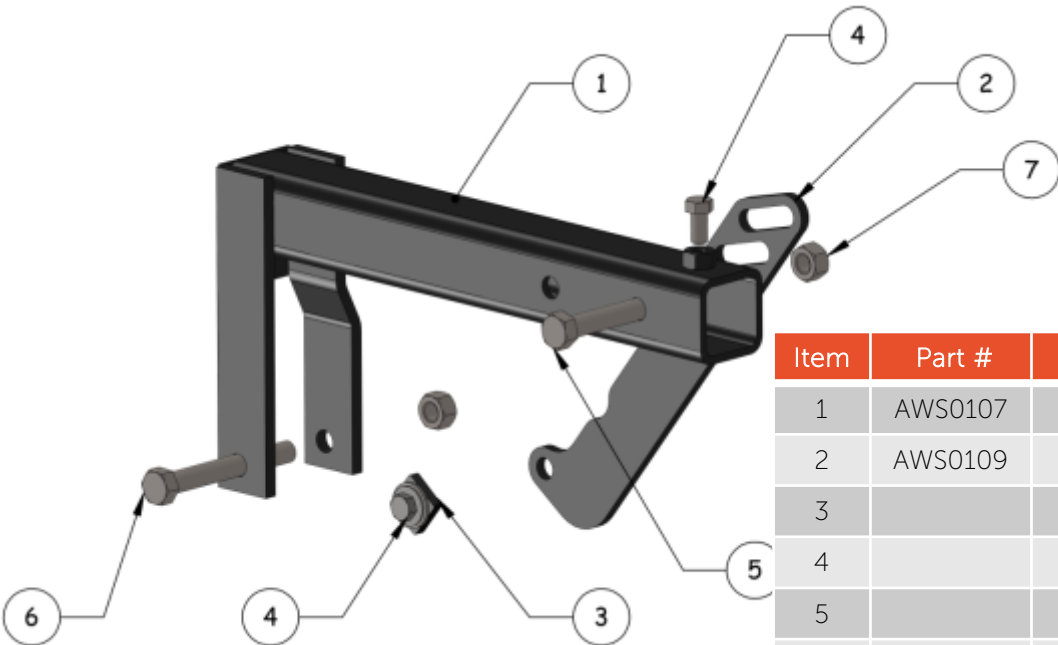
Item	Part #	Description	Qty
1	AWS0108	Agco/NH Mount Arm, Right	1
2	AWS0109	Adjusting Link, 11"	1
3		Bolt, 1/2" nc x 3"	1
4		Bolt, 1/2" nc x 1"	1
5		Bolt, 1/2" nc x 4"	1
6		Stover Lock Nut, 1/2"	2

Left Mount Arm, Early Models
(Direct Drive Reel)



Item	Part #	Description	Qty
1	AWS0356	Agco/NH U-2 Mount Arm, Left	1
2	AWS0109	Adjusting Link, 11"	1
3		CNH 2074 Manifold Bracket	1
4		Bolt, 3/8" nc x 1"	2
5		Bolt, 1/2" nc x 3"	2
6		Bolt, 1/2" nc x 4"	2
7		Stover Lock Nut, 1/2"	4

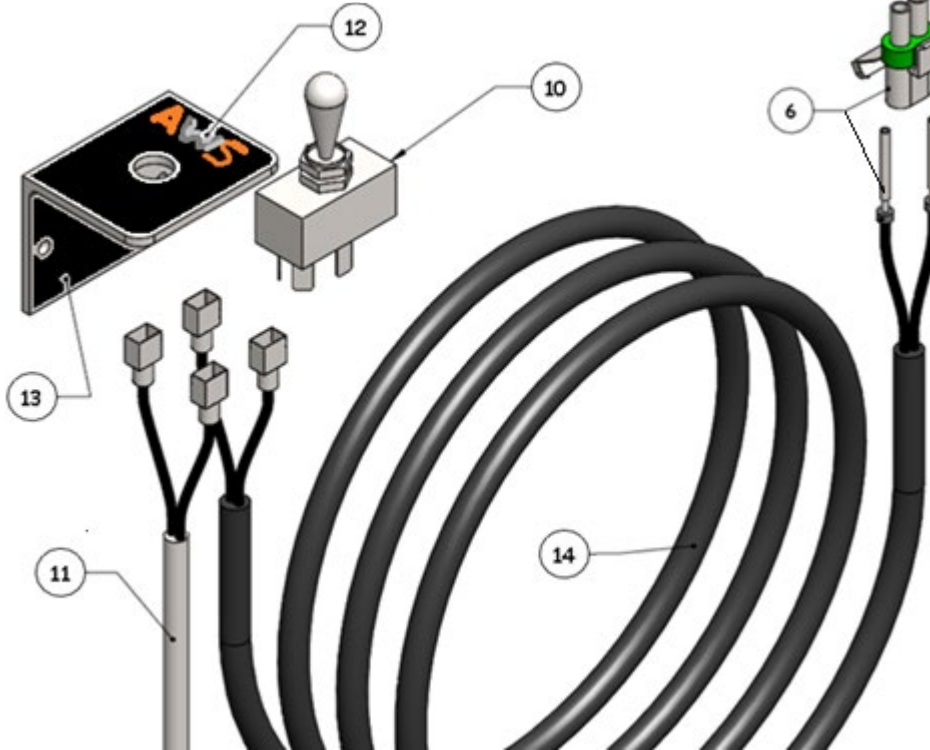
Left Mount Arm, Late Models (Chain
Drive Reel)



Item	Part #	Description	Qty
1	AWS0107	Agco/NH Mount Arm, Left	1
2	AWS0109	Adjusting Link, 11"	1
3		CNH 2074 Spacer	1
4		Bolt, 1/2" nc x 1"	1
5		Bolt, 1/2" nc x 3"	1
6		Bolt, 1/2" nc x 4"	1
7		Stover Lock Nut, 1/2"	2

Dual Switch Controls

Item #	Part #	Description	Qty
1	AWS0422	Switch Box Assy. Specify Application, (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 Weatherpak	
7	AWS0320K	Terminal Kit – 4 Pin Weatherpak	

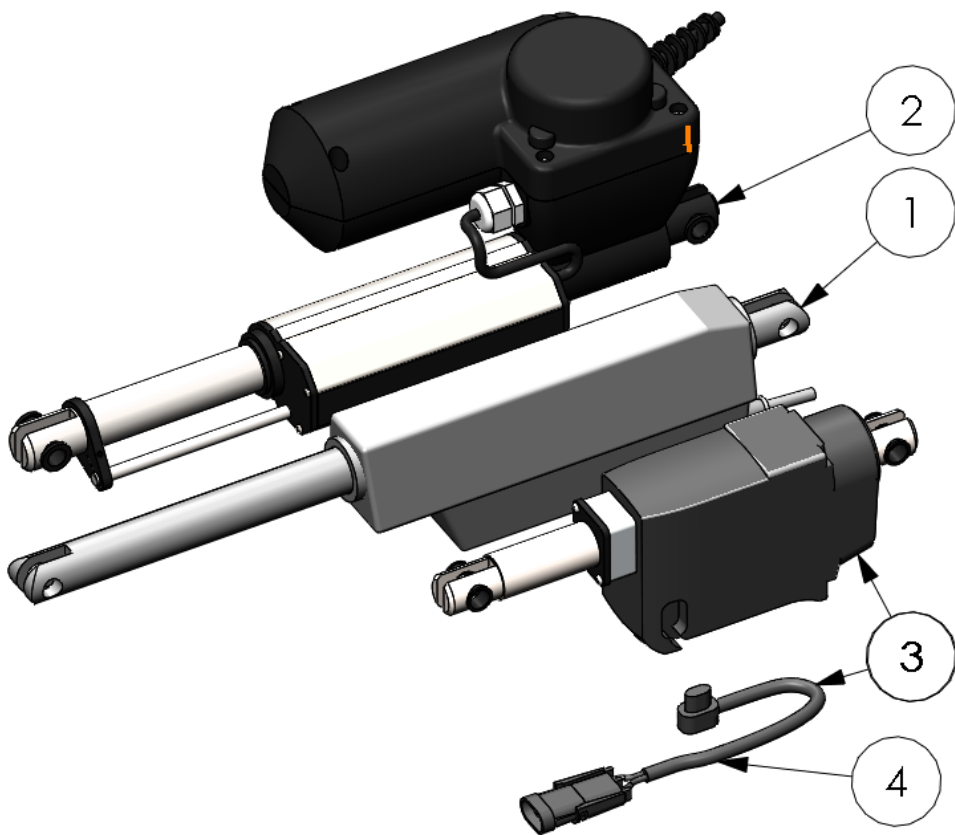


Single Switch Controls

Item #	Part #	Description	Qty
10	AWS0385	Switch, DPDT Crossover	1
11		Power Lead, Specify 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, (Incl. Items 10-14)	

Actuators

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



Header Harness

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

