

Parts Listing

Airbar® Parts List Case IH 3020 Dual Drive (Pre-2017)



more yield
from your field

with air-assist harvesting

Version: 240318

Parts Order Information

Parts Order Information:

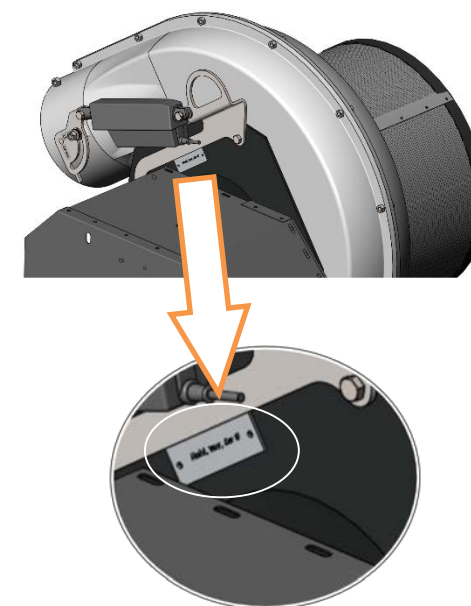
To best fulfill your parts requirements, Gather the following information before contacting us:

- 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 4th or 6th digit of the SN will be A,B or C)
2. Via combine manufacturer:

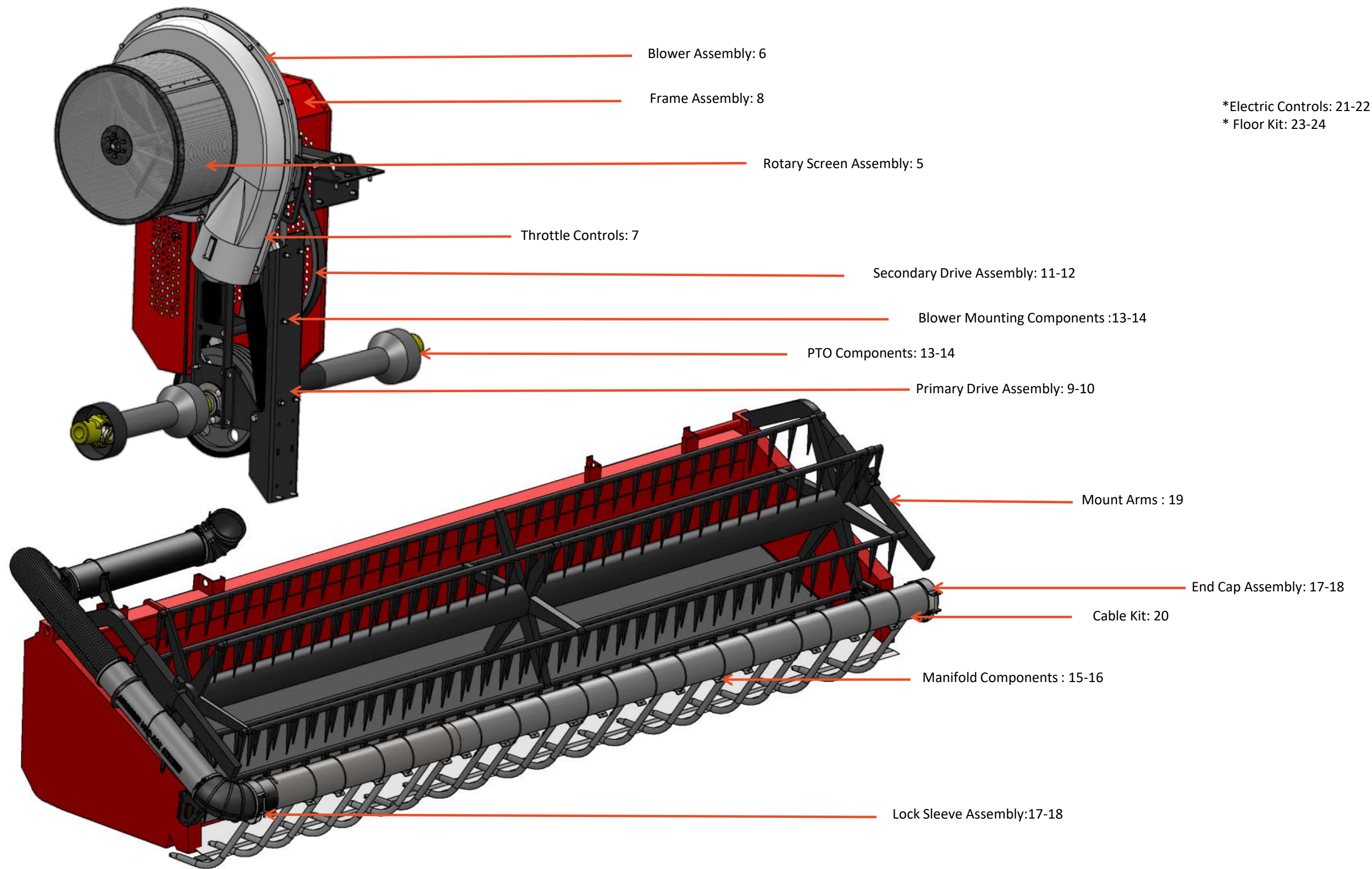
A Drive - John Deere, Case IH (Max 550 rpm Input)

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

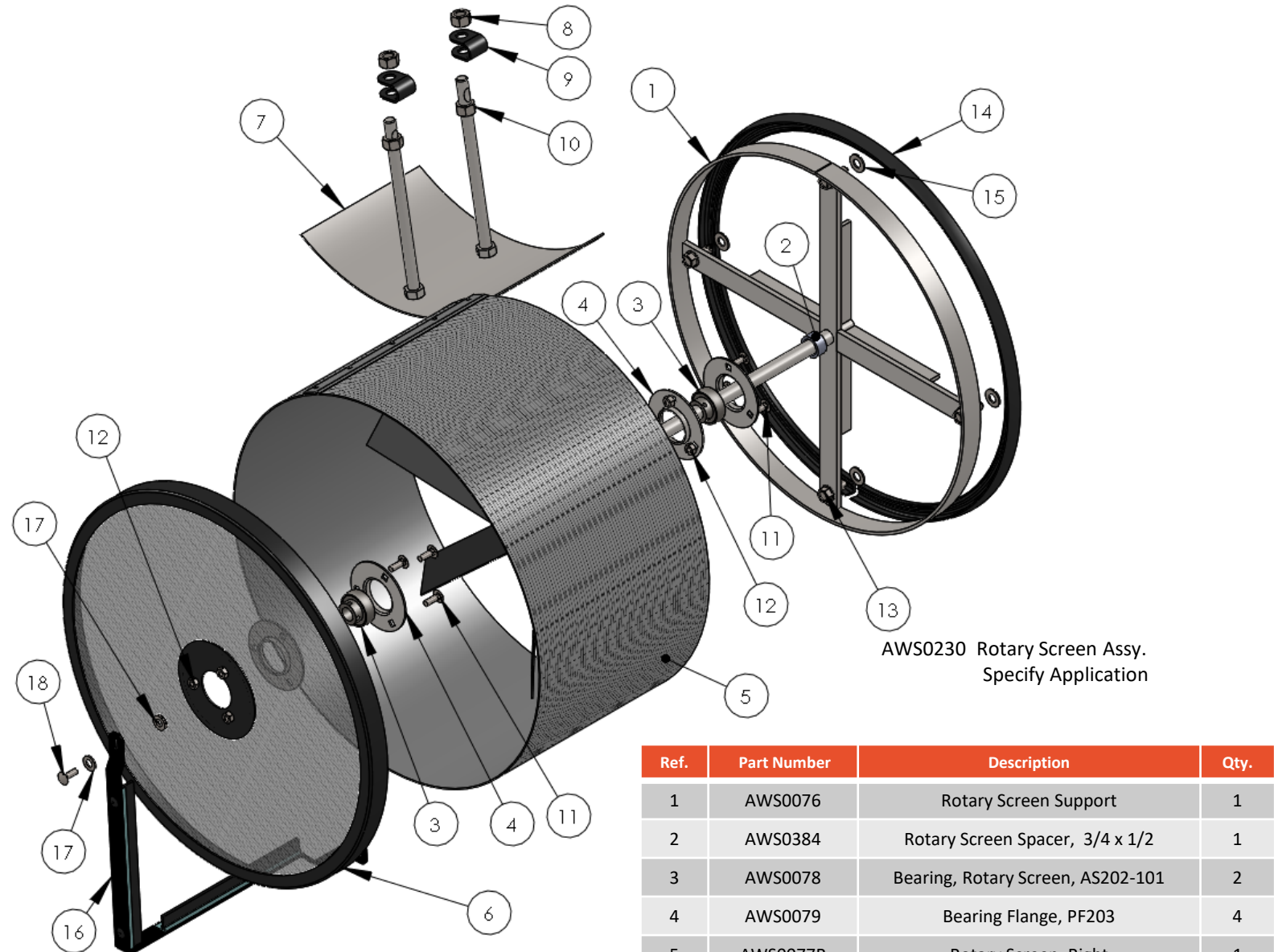
C Drive - Claas (600-720 rpm Input)

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.



Rotary Screen Assembly

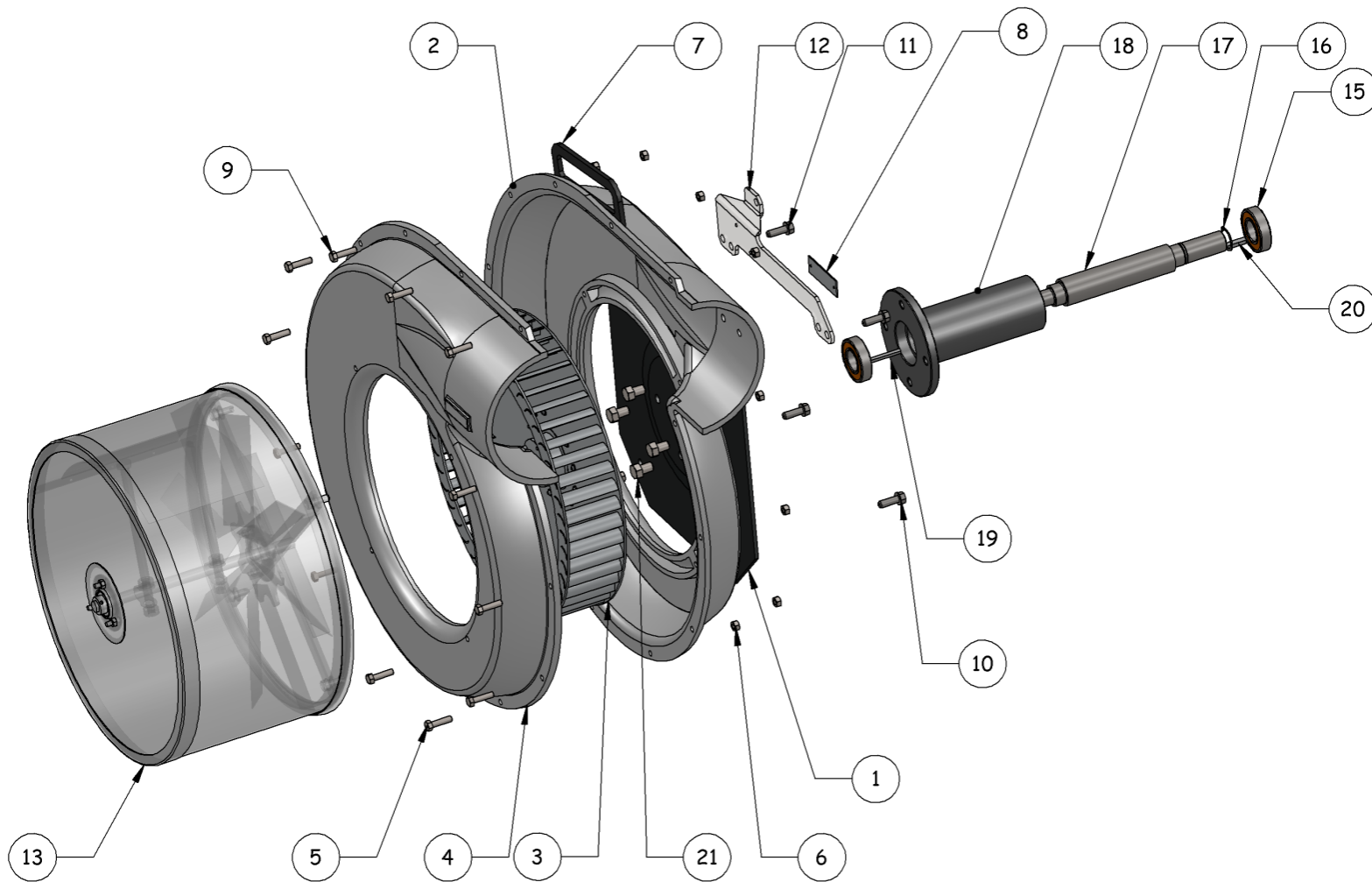


AWS0230 Rotary Screen Assy.
Specify Application

Ref.	Part Number	Description	Qty.
11	AWS0088	Rotary Screen Seal	Opt
12	HSAZI38	Washer, 3/8 Flat	4
13	AWS0082	Clevis	2
14	HLNSTACZI1213	1/2 nc Lock Nut	4
15	HSAZ12	Washer, 1/2 Flat	4
16	AWS0088	Rotary Screen Brush Assy	1
17	HSAZ516	Washer, 5/16 Flat	AR
18	HBHCSS142034	1/4nc x3/4 Button Head Cap, Stainless	1

Ref.	Part Number	Description	Qty.
1	AWS0076	Rotary Screen Support	1
2	AWS0384	Rotary Screen Spacer, 3/4 x 1/2	1
3	AWS0078	Bearing, Rotary Screen, AS202-101	2
4	AWS0079	Bearing Flange, PF203	4
5	AWS0077R	Rotary Screen, Right	1
6	AWS0081	Clean Out Plate	1
7	AWS0080	Rotary Screen Cap	1
8	HCAG5ZI142034	Bolt, 1/4nc x 3/4 Carriage	6
9	HLNSTACZI1420	Nut, 1/4 nc Nylock	6
10	HTCHWZI38161	Bolt 3/8 nc x 1 Self Tapping	4

Blower Assembly

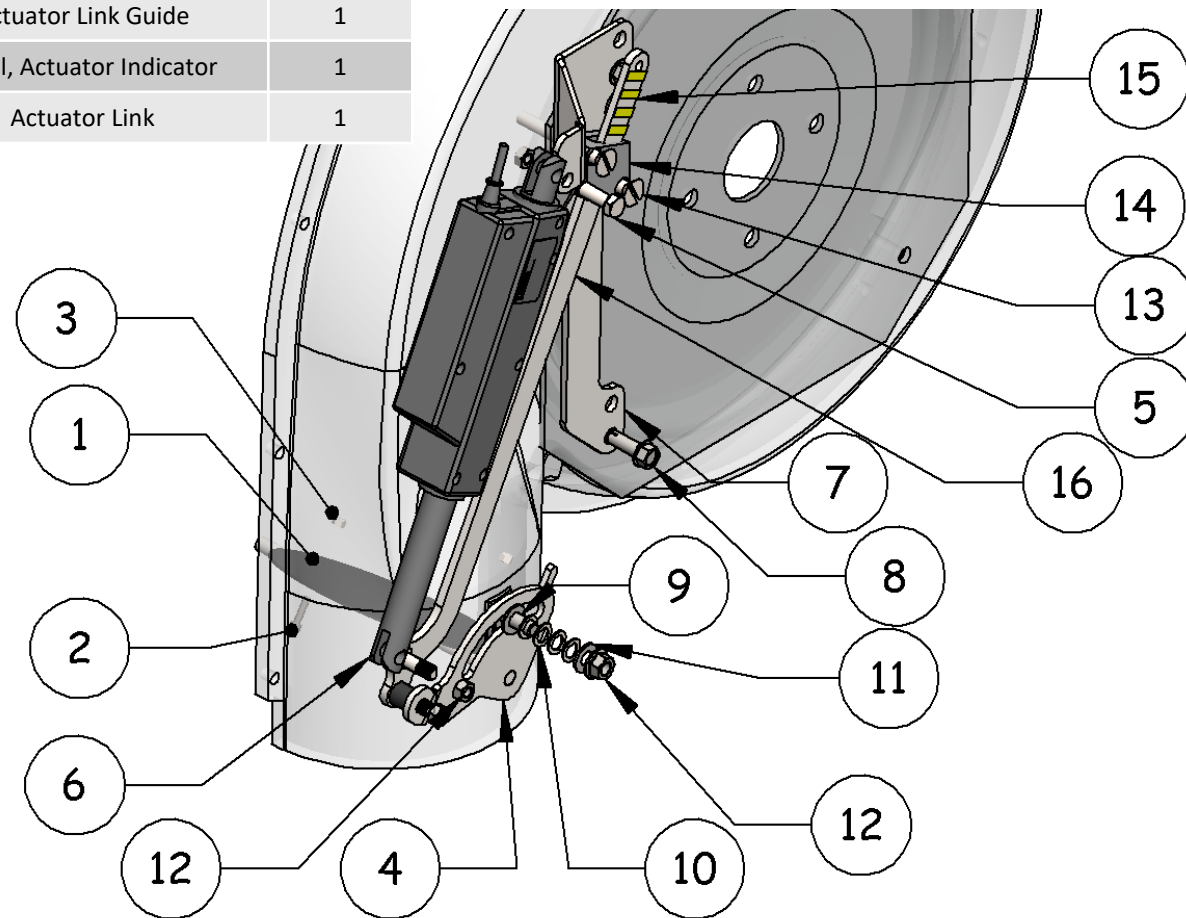


Ref.	Part Number	Description	Qty.
1	AWS0067	Fan Plate	1
2	AWS0068	Fan Housing, LH	1
3	AWS0071	Impeller, Right Hand H7/8 Hub (Included with Impeller)	1
4	AWS0069	Fan Housing, RH	1
5		Bolt, 5/16nc x 1-1/4	10
6		Nut, 5/16nc Nylock	12
7	AWS0157	Lift Hook	1
8	AWS0065	Serial Number Plate	1
9		Bolt, 5/16nc x 1-1/2 (Bolts for Hook)	2
10		Bolt, 3/8nc x 1 Self Tapping Flange	2

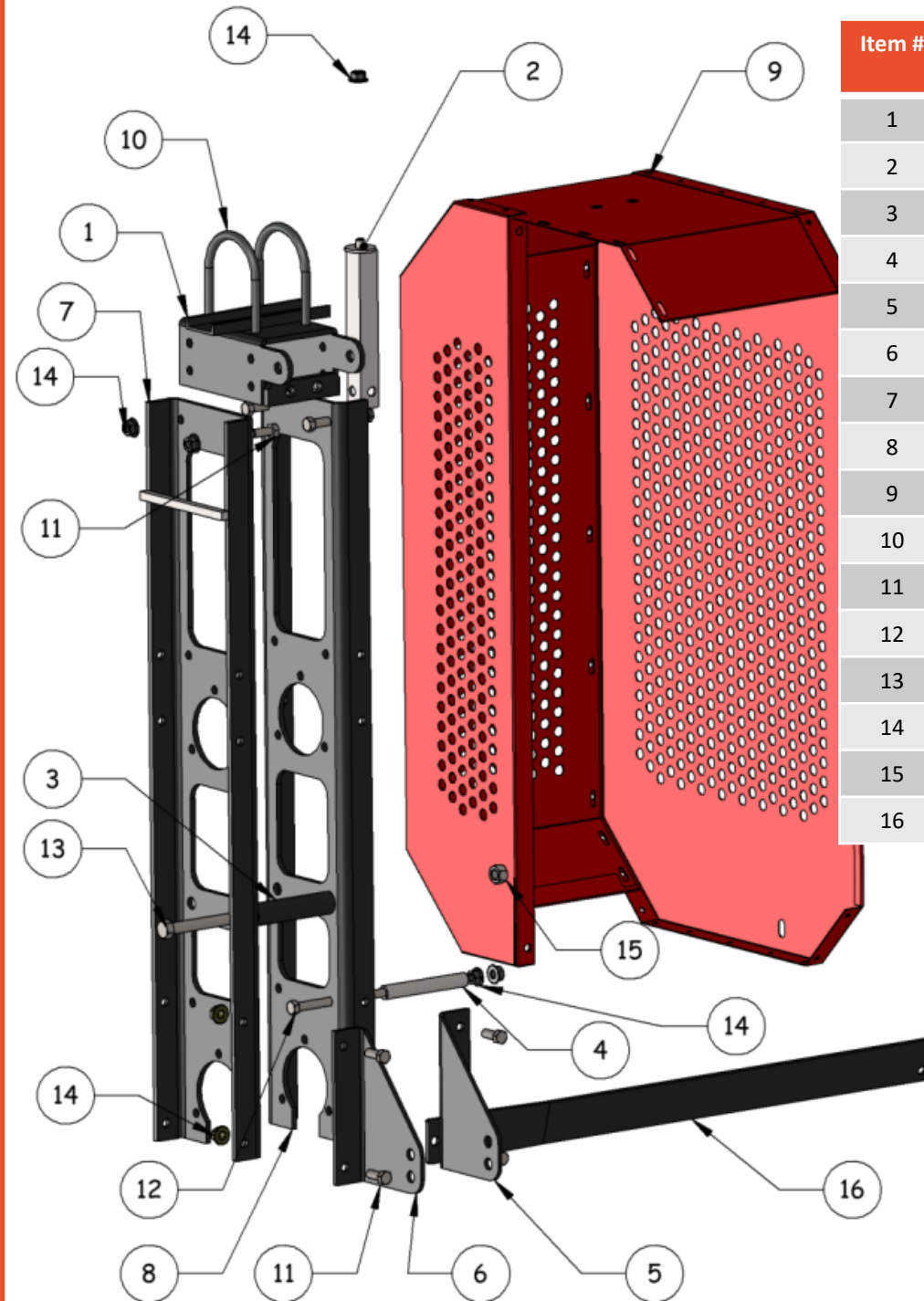
Ref.	Part Number	Description	Qty.
11		Bolt, 3/8nc x 1-1/4	2
12	AWS0203	Actuator Mount See Page 7	1
13	AWS0230R	Rotary Screen Assembly, See Page 5	1
14			
15	AWS0037	Bearing, Fan Shaft 6206-2RSC3	2
16	AWS0036	Snap Ring, 1-1/8 EXT.	1
17	AWS0035	Fan Shaft, 14"	1
18	AWS0038	Fan Shaft Housing, 7.5"	1
19	AWS0073	Key, 3/16X1-1/2	1
20	AWS0034	Key, 1/4X2	1
21		Bolt, 1/2" nc x 3/4"	4

Throttle Controls

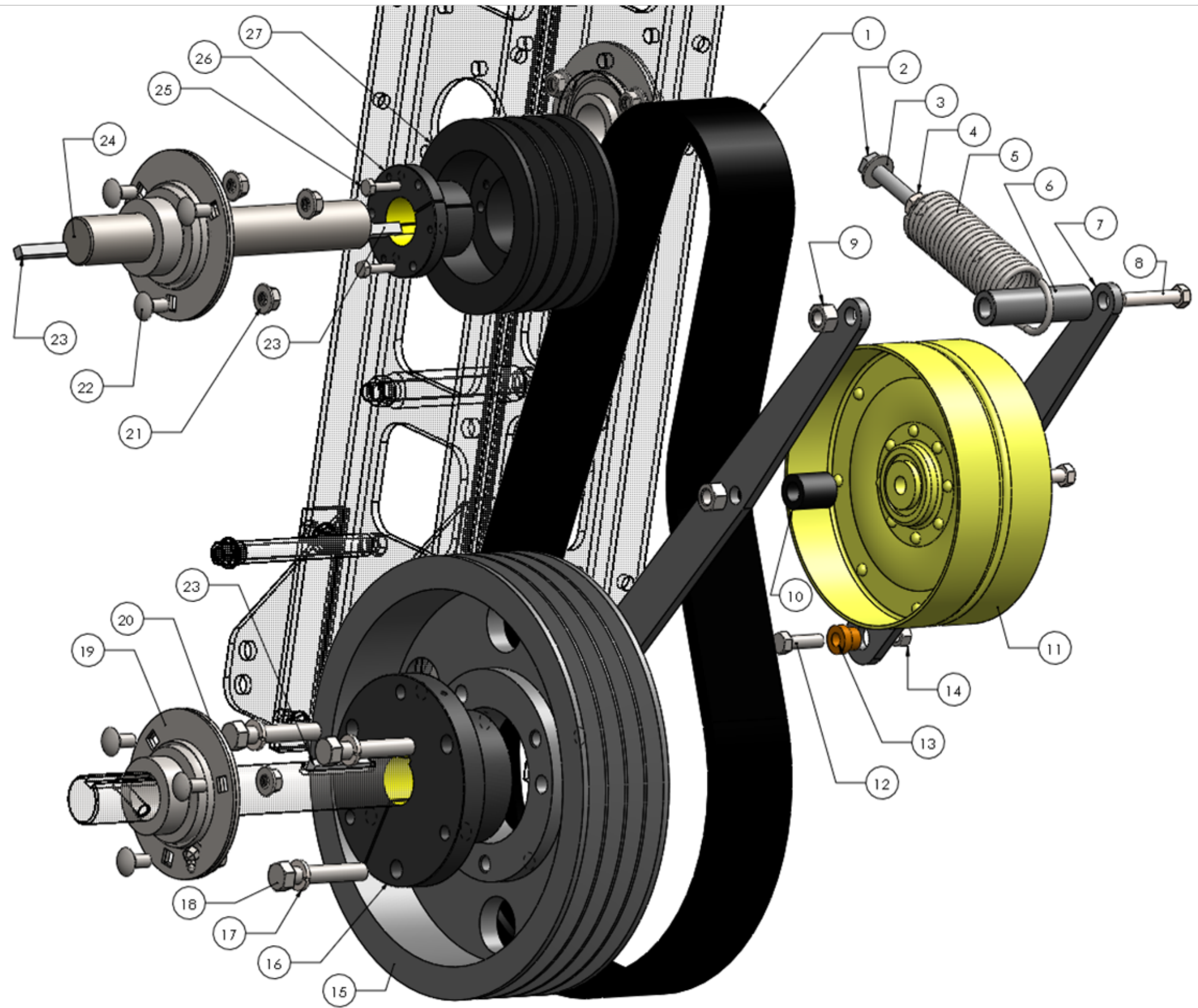
Item #	Part #	Description	Qty.
1	AWS0114	Throttle Plate	1
2	AWS0231	Bolt, 10-32 Socket Head Cap	2
3	AWS0232	Nut, 10-32 SS Nyloc	2
4	AWS0212	Throttle Shaft, RH Electric	1
5	AWS0514	Bolt, Actuator	2
6	AWS0095	Actuator, Throttle Control	1
7	AWS0203	Actuactor Mount, RH	1
8		Bolt, 3/8ncX1-1/4	1
9	AWS0171	Stud, M10-1.50	1
10	AWS0170	Spring Washer	4
11		Washer, 3/8 Flat	3
12	AWS0172	Nut, M10-1.50Flange Nyloc	1
13	HFSC14201	Bolt, ¼" nc x 1" Flat Socket Cap	2
14	AWS0205	Actuator Link Guide	1
15	AWS0669	Decal, Actuator Indicator	1
16	AWS0204	Actuator Link	1



Frame Assembly

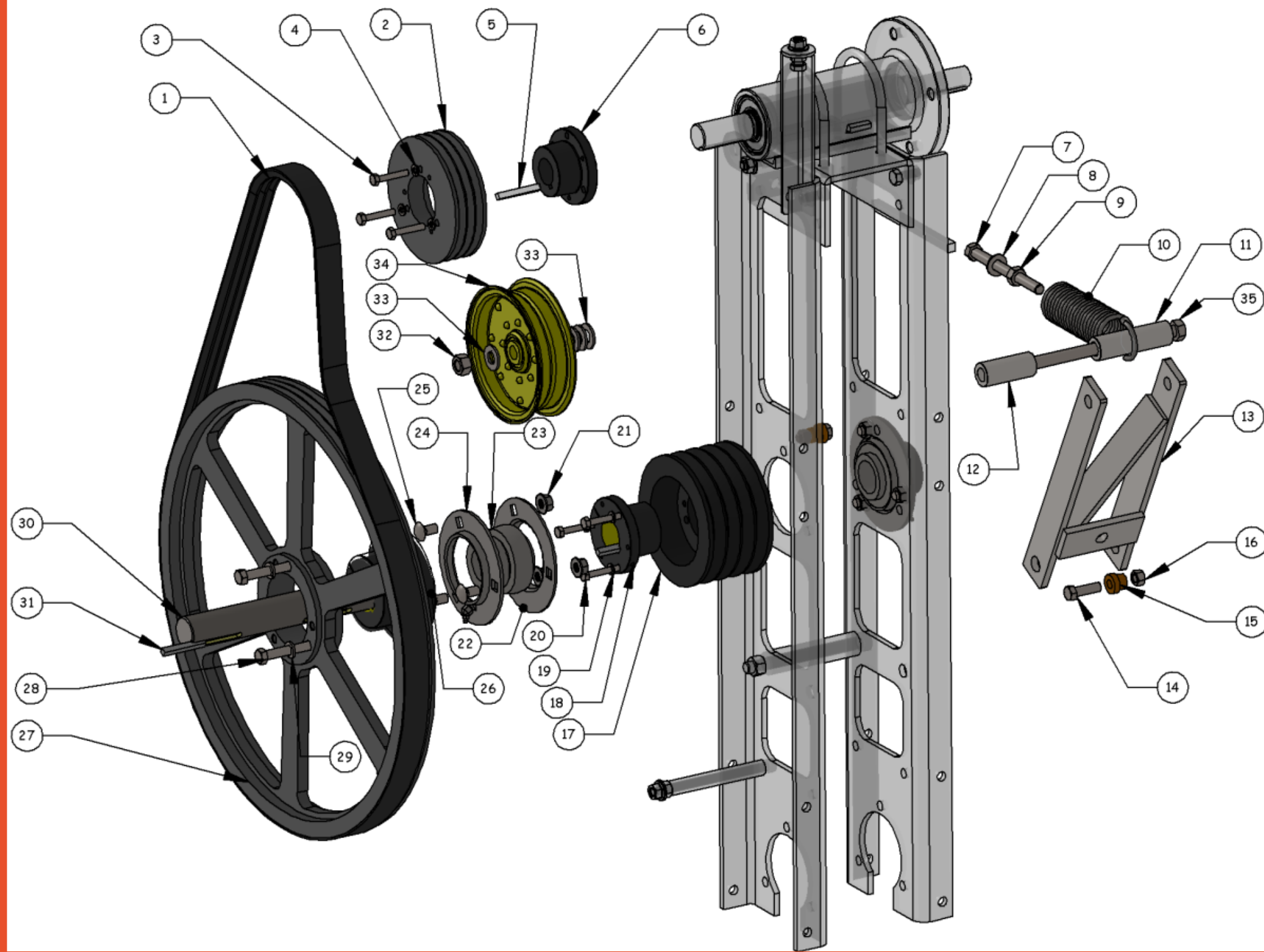


Item #	Part #	Description	Qty
1	AWS0126	Top Bracket	1
2	AWS0045	Upper Shield Support	1
3	AWS0042	Spacer, ½ x 4-1/4	1
4	AWS0047	Spacer, Lower Shield	1
5	AWS0306	Frame Support, Left	1
6	AWS0307	Frame Support, Right	1
7	AWS0041	Frame Rail, Fan Side	1
8	AWS0040	Frame Rail, Drive Side	1
9	AWS0184	Shield Assembly, Left Hand	1
10	AWS0039	U-Bolt, 3/8nc x 3	2
11		Bolt, 3/8nc x 1	8
12		Bolt, 3/8nc x 5-1/2	1
13		Bolt, 1/2nc x 5-1/2	1
14		Nut, 3/8nc Serrated Flange	11
15		Nut, 1/2nc Stover Lock	1
16	AWS0665	CNH 3074 DD Brace	1



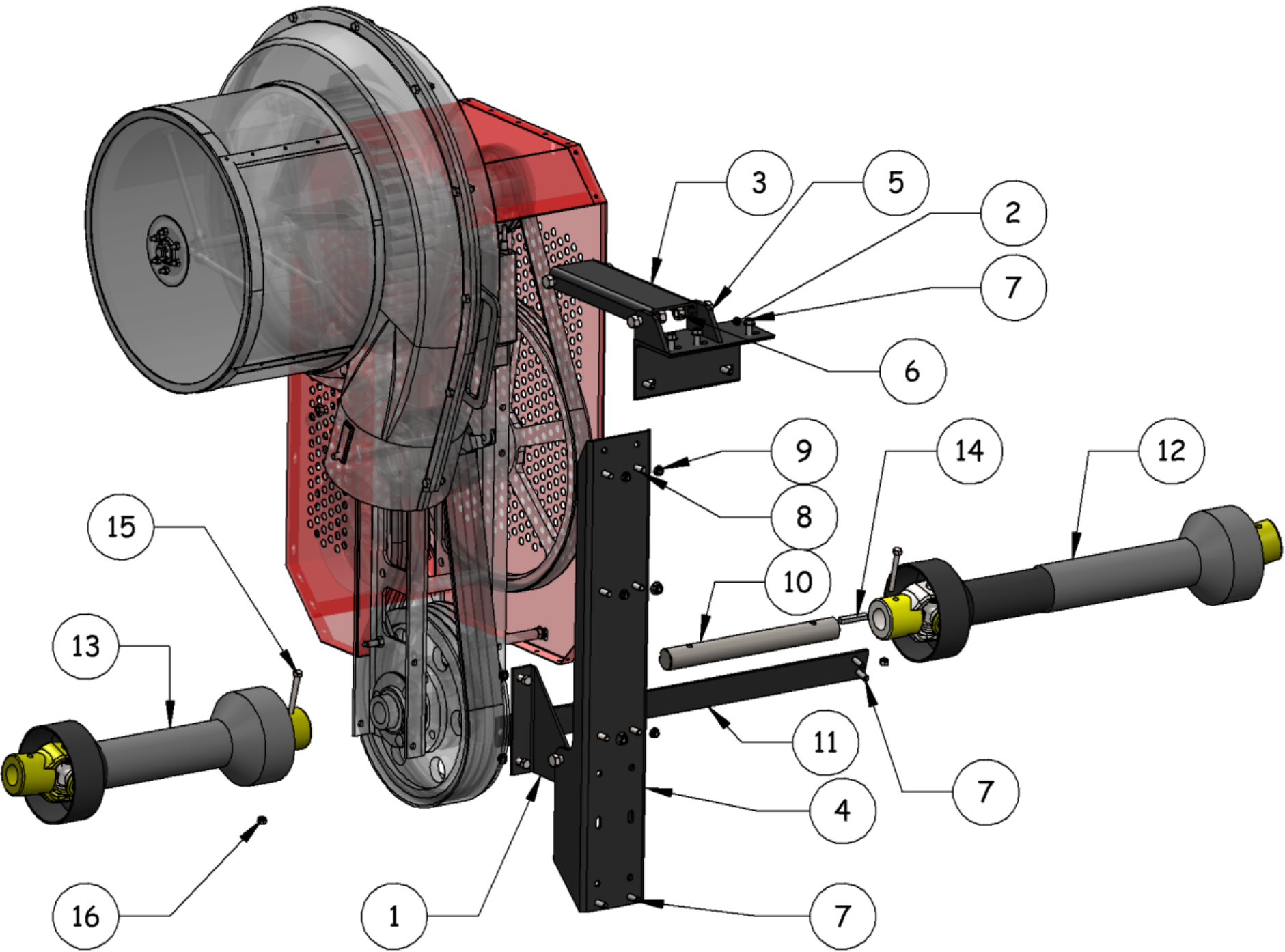
Item #	Part #	Description	Qty.
1	AWS0020 AWS0220	Belt, 5VX630-4 Belt, 5VX630-4BP Premium	1 Opt
2	AWS0015	Bolt, 7/16ncX5 Tap	1
3		Flat Washer, 7/16	1
4	AWS0016	Jam Nut, 7/16nc	1
5	AWS0014	Spring, Extension	1
6	AWS0017	Spacer, 1/2X 3-1/2	1
7	AWS0013	Idler Arm, Primary	2
8		Bolt, 1/2ncX5	2
9		Nut, 1/2nc Stover Lock	2
10	AWS0018	Spacer, 1/2X1-3/16	2
11	AWS0012	Idler, HM Primary	1
12		Bolt, 3/8ncX1	2
13	AWS0512	Bushing, Bronze	2
14		Nut, 3/8nc Stover Lock	2
15	AWS0211	Sheave, 5VX12.5-4	1
16	AWS0008	Bushing E 1-3/8	1
17		Lock Washer, 1/2 (w/16)	3
18		Bolt, 1/2ncX2-1/2 Tap (w/16)	3
19	AWS0420	Bearing Flange, Greasable	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		Bolt, 1/4ncX2 Tap (w/26)	3
26	AWS0022	Bushing, SD 1-3/8	1
27	AWS0024	Sheave, 5V5.50-4	1
28	AWS0003	Bearing, 1-3/8 w/ Collar	4

Secondary Drive Assembly



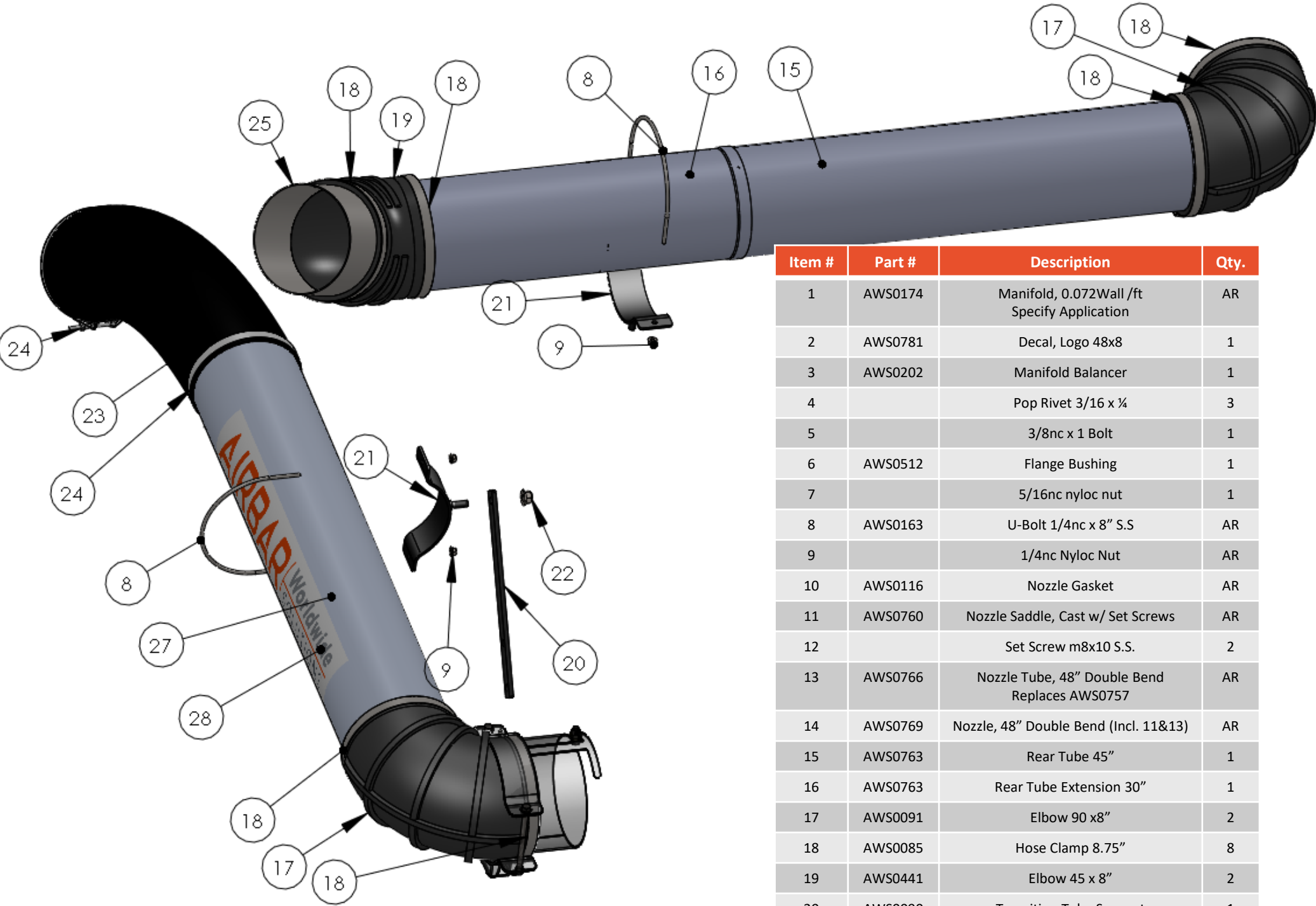
Item #	Part #	Description	Qty.
1	AWS0025	Belt, 3VX750-3	1
2	AWS0029	Sheave, 3VX5.30-3	1
3		Bolt, 1/3ncX1-1/2, Tap (w/6)	3
4		Lock Washer ¼ (w/6)	3
5	AWS0034	Key, 1/4X1-1/4	1
6	AWS0033	Bushing SDS 1-1/8	1
7	AWS0015	Bolt, 7/16ncX5 Tap	1
8		Flat Washer, 7/16	1
9	AWS0016	Jam Nut, 7/16	1
10	AWS0014	Spring, Extension	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, 3/8ncX1	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		Bolt , 1/4ncX2 Tap (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	2
24	AWS0420	Bearing Flange, Greasable	2
25		Bolt, 3/8nc X3/4 Carriage	6
26	AWS0032	Bushing, SF 1-3/8	1
27	AWS0026	Sheave, 3VX19.0-3	1
28		Bolt, 3/8ncX2-1/2 (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
34	AWS0111	Idler, 5"	1
35		Bolt, 1/2 nc x 8-1/2	1

Mounting and Drive Components



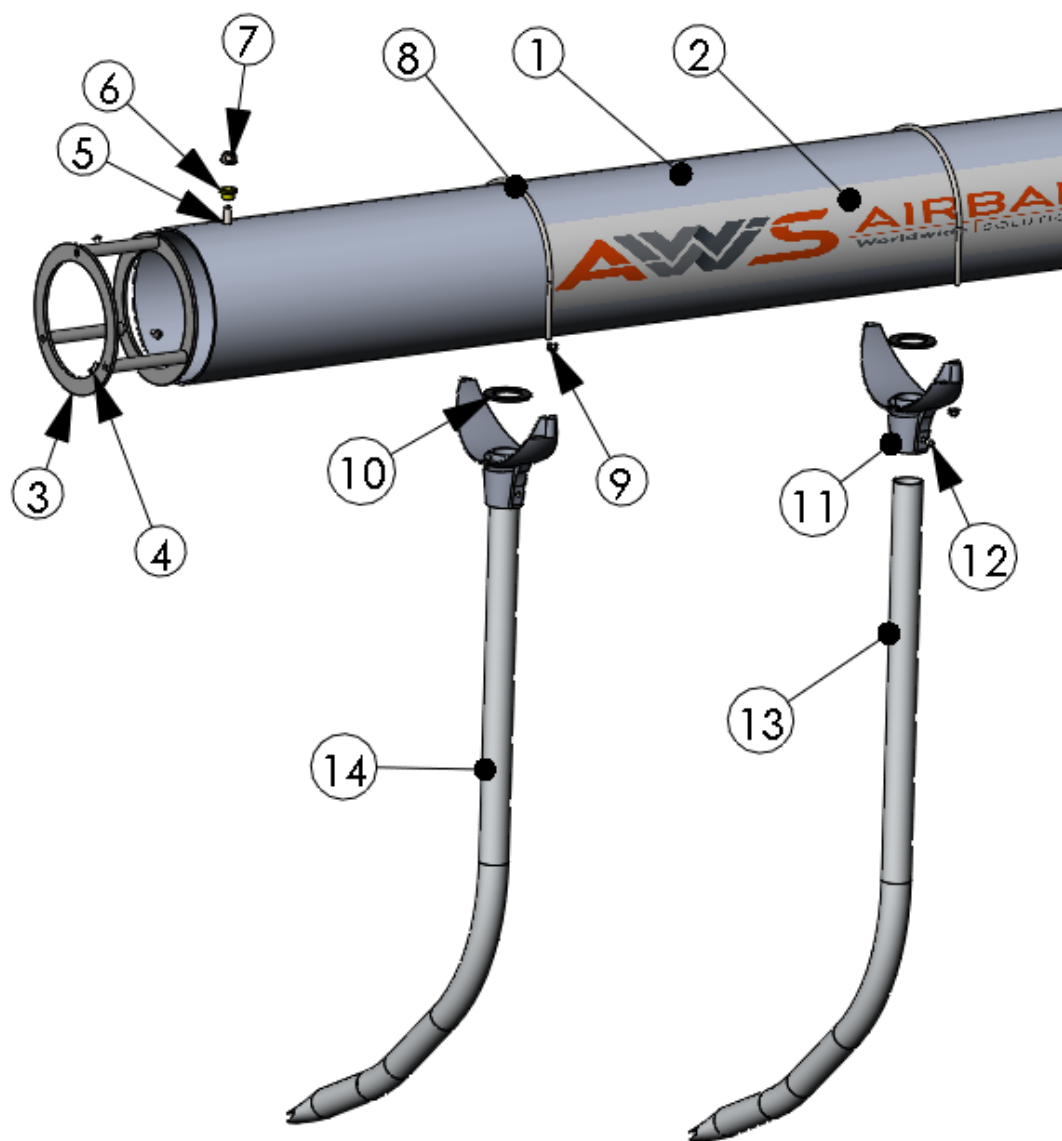
Item #	Part #	Description	Qty.
1	AWS0306 AWS0307	Frame Support, LH Frame Support, RH	1 1
2	AWS0480	CNH Top Link Bracket	1
3	AWS0424	Top Link, 14"	1
4	AWS0407	Universal Bracket, Channel	1
5		1/2" nc x 1" Hex Bolt	6
6		1/2" nc Stover Lock Nut	6
7		3/8" nc x 1" Hex Flange Self Tapping	7
8		3/8" nc x 1" Hex Bolt	10
9		3/8" nc Flange Nut	10
10	AWS0670	Shaft, CNH 3074 Dual Drive	1
11	AWS0665	CNH 3074DD Brace	1
12	AWS0864 AWS0452 AWS0449 AWS0454	PTO Assy. 6sp QR - 1-3/8"rb, 26.5 Star PTO Yoke, 6sp QR PTO Yoke, 1-1/8 Hex QR PTO Cross Bearing Kit, W2400	1
13	AWS0862	PTO Assy. 6sp QR - 1-3/8rb, 24" L	1
14	AWSW0011	Key, 5/16" x 2"	2
15		Bolt, 5/16" x 2-3/4"	2
16		5/16" nc Lock Nut	2

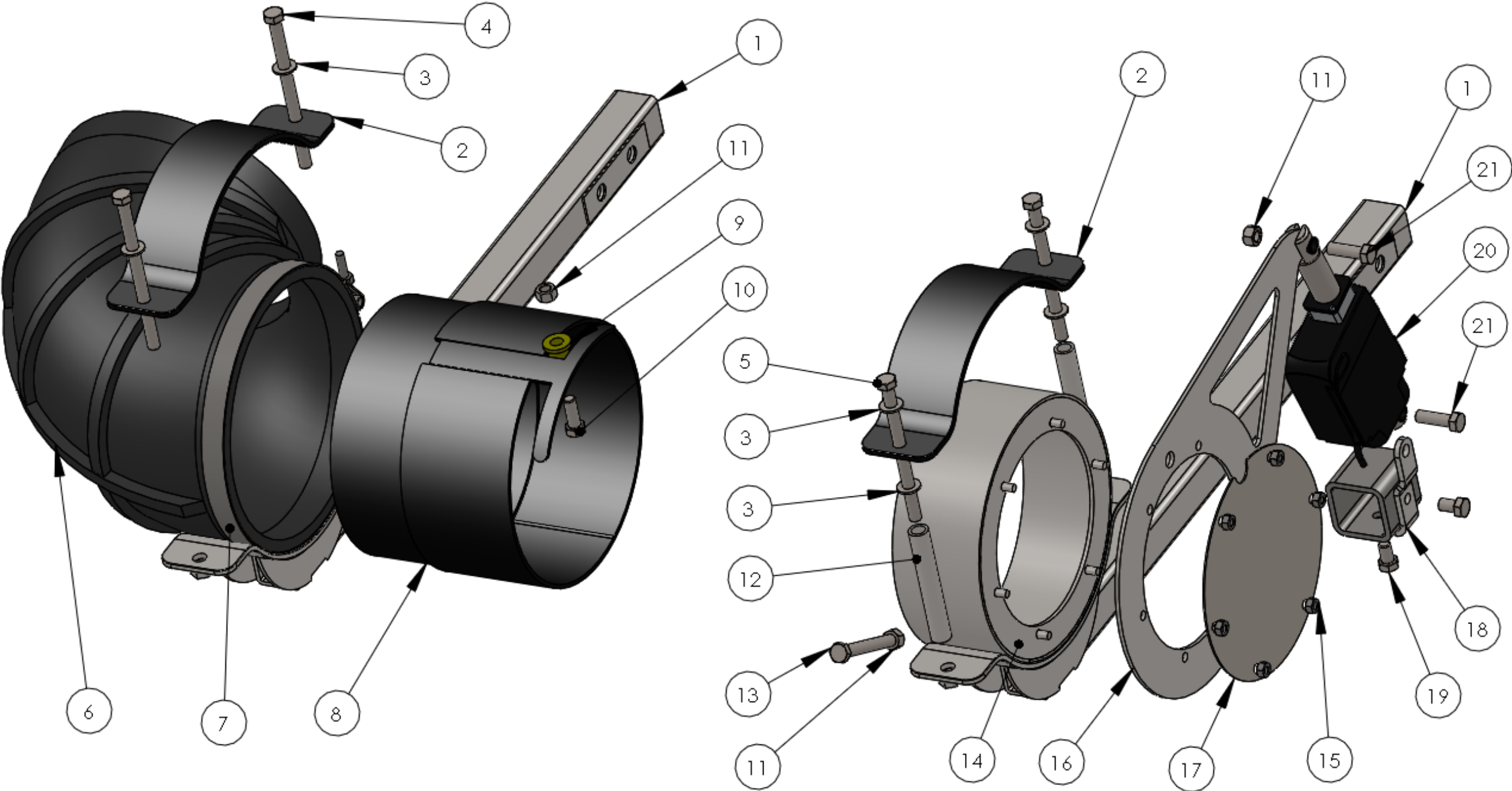
Please Call for PTO Parts



Item #	Part #	Description	Qty.
1	AWS0174	Manifold, 0.072Wall /ft Specify Application	AR
2	AWS0781	Decal, Logo 48x8	1
3	AWS0202	Manifold Balancer	1
4		Pop Rivet 3/16 x ¼	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	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 Replaces AWS0757	AR
14	AWS0769	Nozzle, 48" Double Bend (Incl. 11&13)	AR
15	AWS0763	Rear Tube 45"	1
16	AWS0763	Rear Tube Extension 30"	1
17	AWS0091	Elbow 90 x8"	2
18	AWS0085	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	AWS0086	Hose Clamp. 8.25	2
25	AWS0160	Connector Pipe 6"	1

Note: Manifold Balancer placed 1/3 way down manifold from blower.

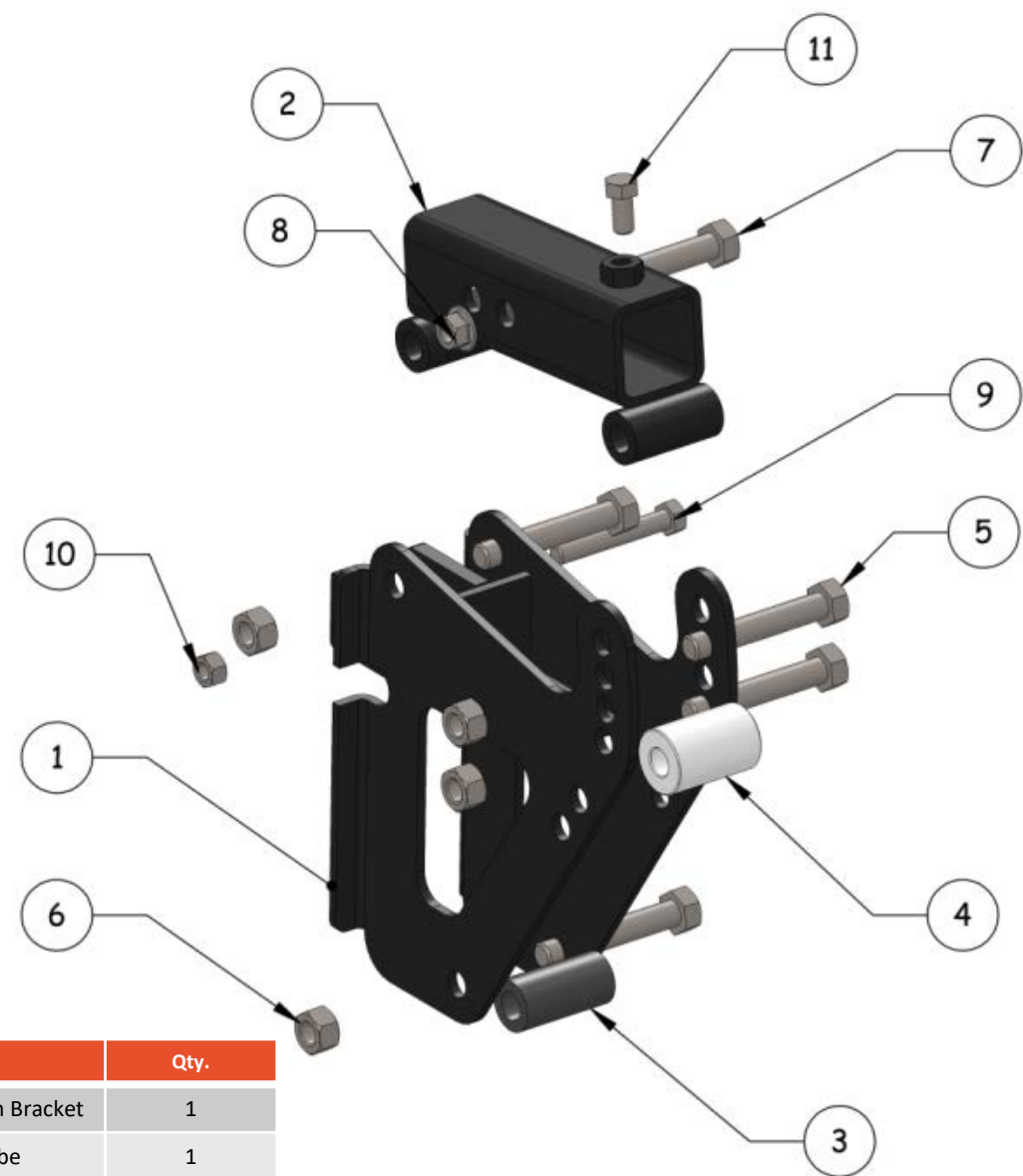




AWS0814 End Cap Assembly, w/ lever includes items 11,13,14,15,16,17
and replaces AWS0094 End Cap (-2015)

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
		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, 3/8nc x 5/8	2
20	AWS0546	Actuator, LS23	1
21	AWS0514	Actuator Bolt	2

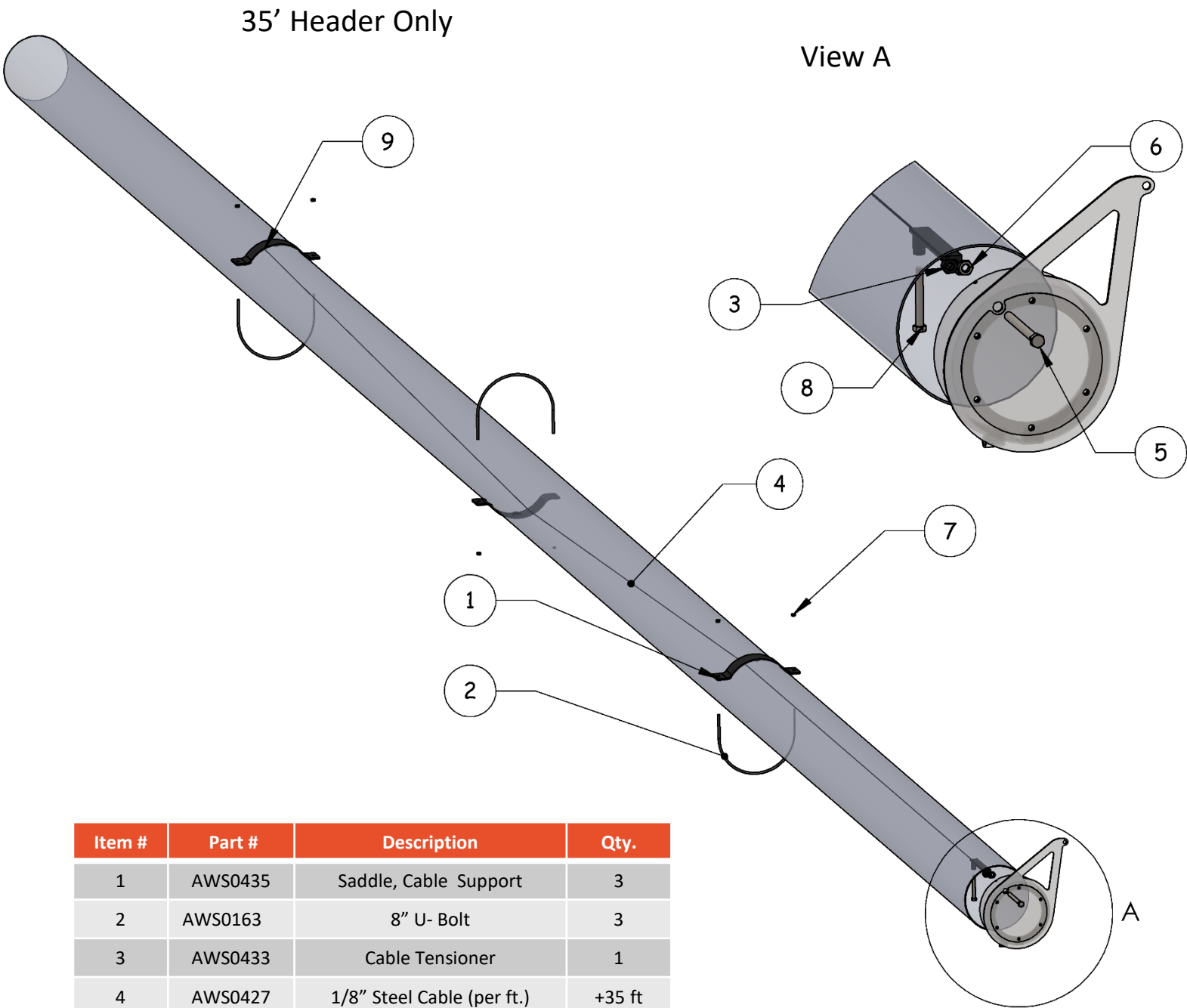
Mount Arms



Left side shown
Reverse bolts for right hand

Item #	Part #	Description	Qty.
1	AWS0507	CNH 3074 Mount Arm Bracket	1
2	AWS0487	Mount Arm Tube	1
3	AWS0459	Spacer, 1/2" x 2"	1
4	AWS0538	Roller, 1-7/8"	1
5		Bolt, 1/2" x 3"	4
6		Stover Lock Nut, 1/2"	4
7		Bolt, 1/2" x 2-1/2"	1
8		Flange Hex Nut, 1/2"	1
9		Bolt, 3/8" x 2-1/2"	1
10		Stover Lock Nut, 3/8"	1
11		Bolt, 3/8" nc x 1"	1
	AWS0513	Mount Arm Assy. Specify Side	

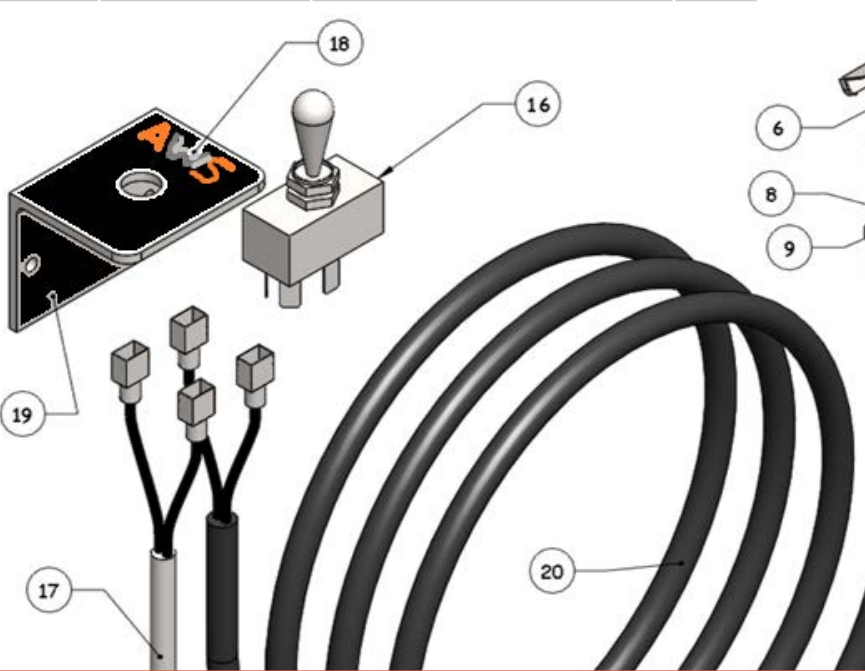
Cable Kit Assembly



Item #	Part #	Description	Qty.
1	AWS0435	Saddle, Cable Support	3
2	AWS0163	8" U- Bolt	3
3	AWS0433	Cable Tensioner	1
4	AWS0427	1/8" Steel Cable (per ft.)	+35 ft
5	AWS0015	7/16" nc x 5" Hex Bolt	1
6	AWS0016	7/16" nc Jam Nut	1
7		¼"nc Nyloc Nut	6
8		3/8"nc x 3" Hex Bolt	1
9		Cable U-Clamp	1

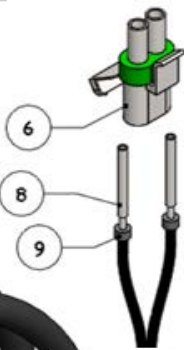
Dual Switch Controls

Item #	Part #	Description	Qty
1	AWS0422	Switch Box Assy. Specify Application, Includes Items 1-9	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	AWS0098	Connector Housing, WP Male x2	2
7	AWS0320	Connector Housing, WP Male x4	1
8	AWS0348	Terminal, WP Female	4
9	AWS0349	Terminal Seal, WP Grey	4



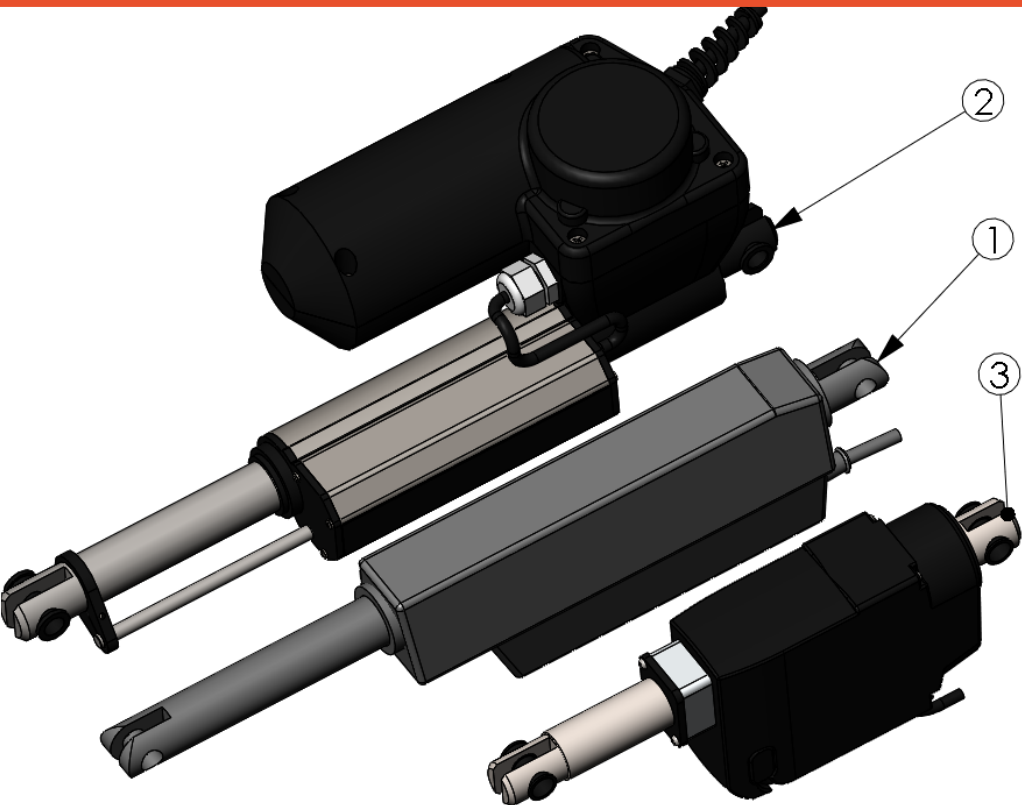
Single Switch Controls

Item #	Part #	Description	Qty
16	AWS0385	Switch, DPDT Crossover	1
17		Power Lead, Specify Application	1
18	AWS0066	Decal, Switch Bracket	1
19	AWS0386	Switch Bracket	1
20	AWS0099	Combine Harness, Single	1



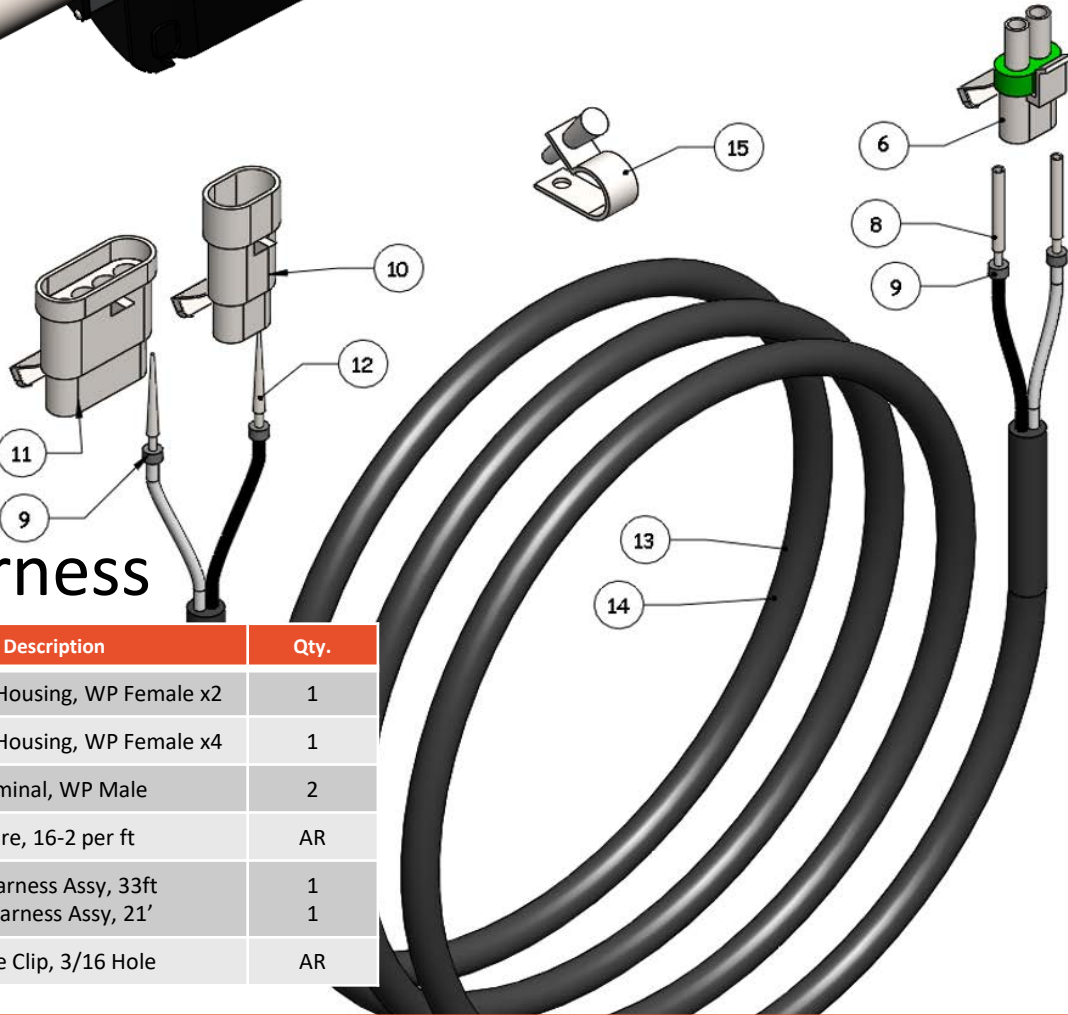
Actuators

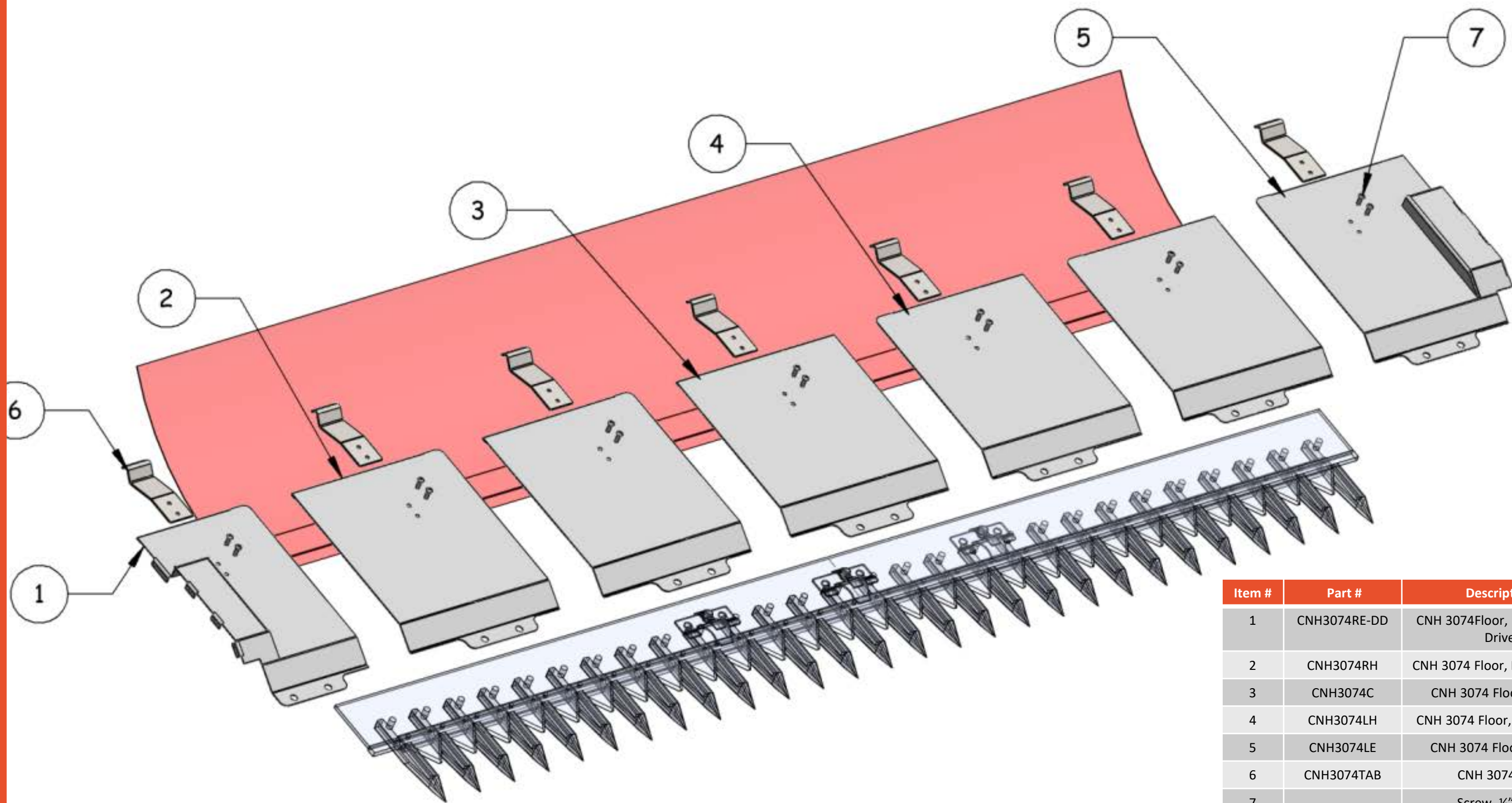
Item #	Part #	Description	Qty
1	AWS0095	Actuator, Fan Control LA12	1
2	AWS0191	Actuator, Manifold Tilt LA30 Single Manifold -2014	1
3	AWS0546	Actuator, Manifold Tilt LA23 Single Manifold 2014-	1



Header Harness

Item #	Part #	Description	Qty.
10	AWS0097	Connector Housing, WP Female x2	1
11	AWS0321	Connector Housing, WP Female x4	1
12	AWS0349	Terminal, WP Male	2
13	AWS0403	Wire, 16-2 per ft	AR
14	AWS0100 AWS0580	El. Harness Assy, 33ft El. Harness Assy, 21'	1 1
15	AWS0263	Cable Clip, 3/16 Hole	AR





Item #	Part #	Description	Qty.
1	CNH3074RE-DD	CNH 3074Floor, RH End Dual Drive	1
2	CNH3074RH	CNH 3074 Floor, Right Section	AR
3	CNH3074C	CNH 3074 Floor, Center	1
4	CNH3074LH	CNH 3074 Floor, Left Section	AR
5	CNH3074LE	CNH 3074 Floor, LH End	1
6	CNH3074TAB	CNH 3074 TAB	AR
7		Screw, ¼" x ¾"	AR
	CNH3074-20DD CNH3074-25DD CNH3074-30DD CNH3074-35DD	Floor Kit, 20' Dual Drive Floor Kit, 25' Dual Drive Floor Kit, 30' Dual Drive Floor Kit, 35' Dual Drive	