



PARTS BOOK

John Deere 900F Series



Version 20201214

Parts Order Information



Contact Info:

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Parts Order Information:

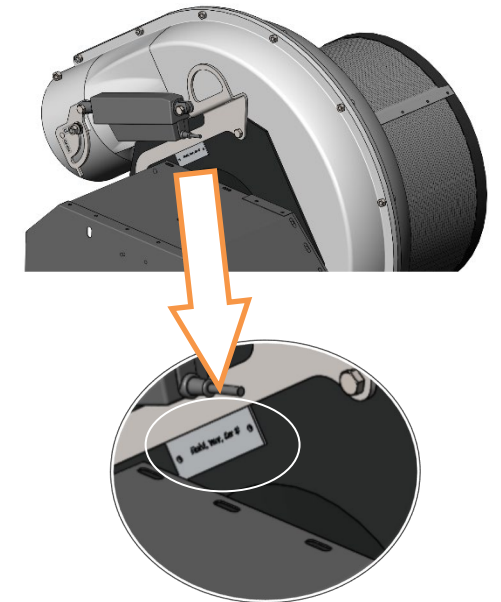
To best fulfill your parts requirements, Gather the following information before contacting us:

- Header Make / Model
- Combine 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.

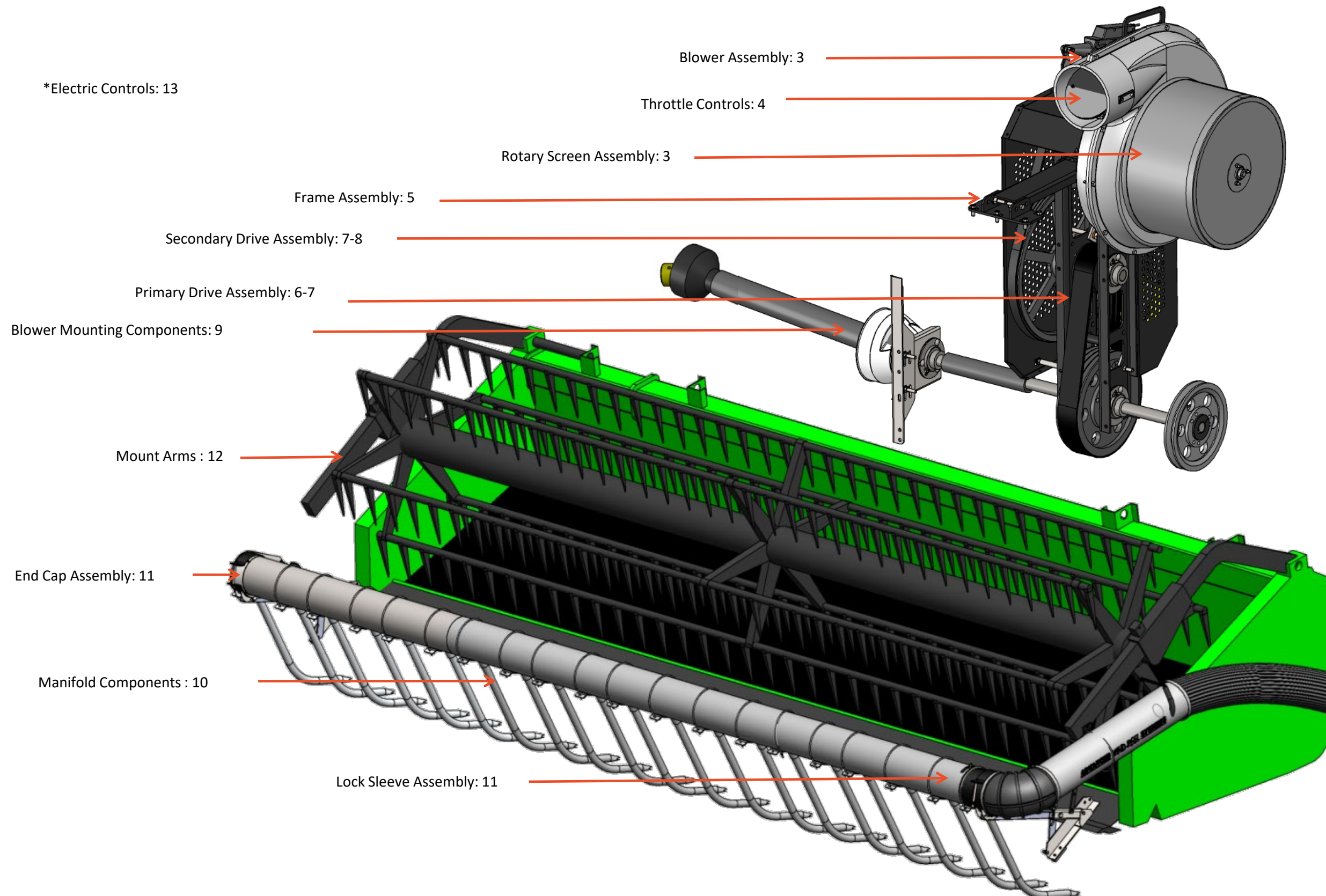
Fan Serial Number Location

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

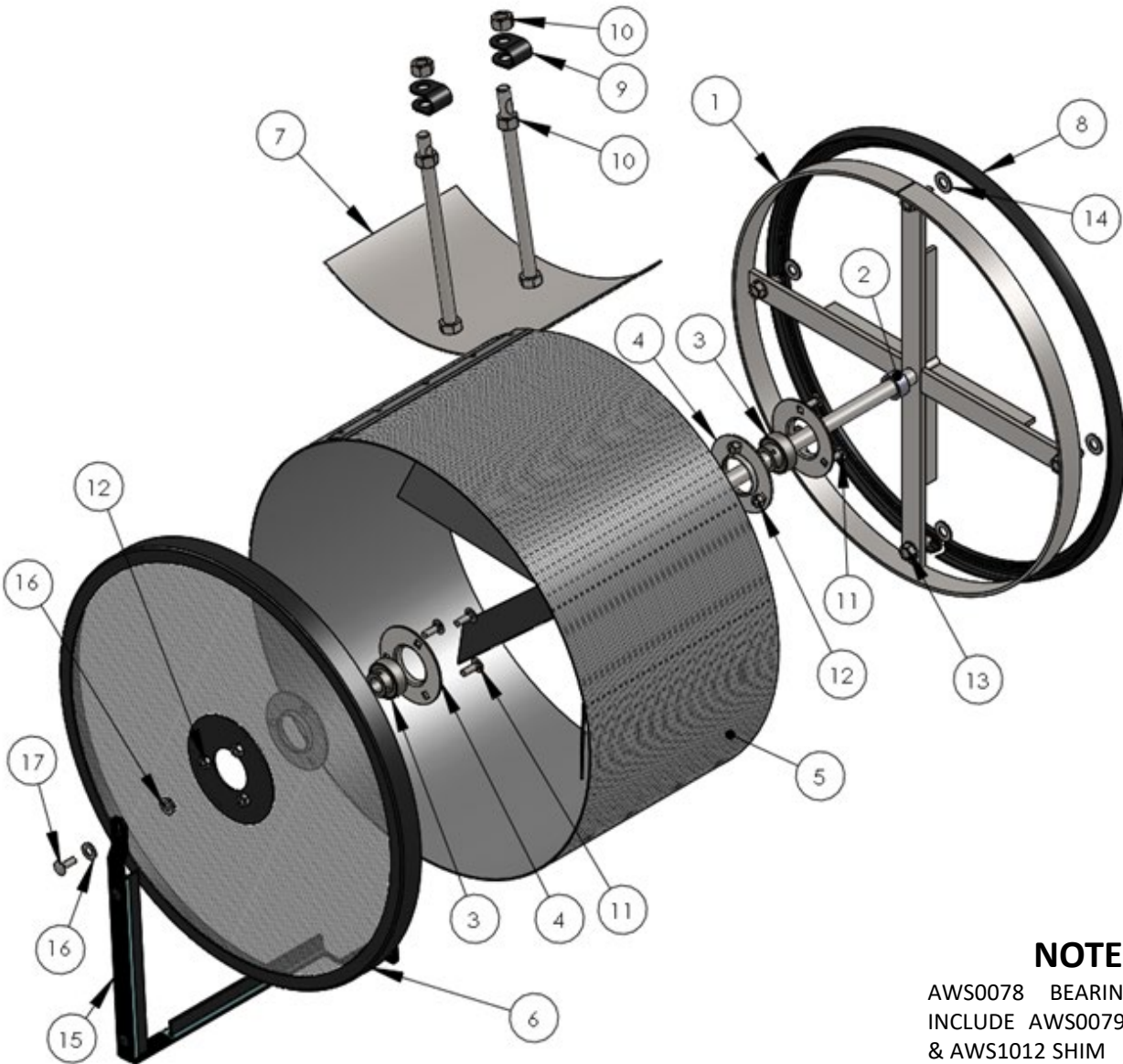


Terms and Conditions:

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

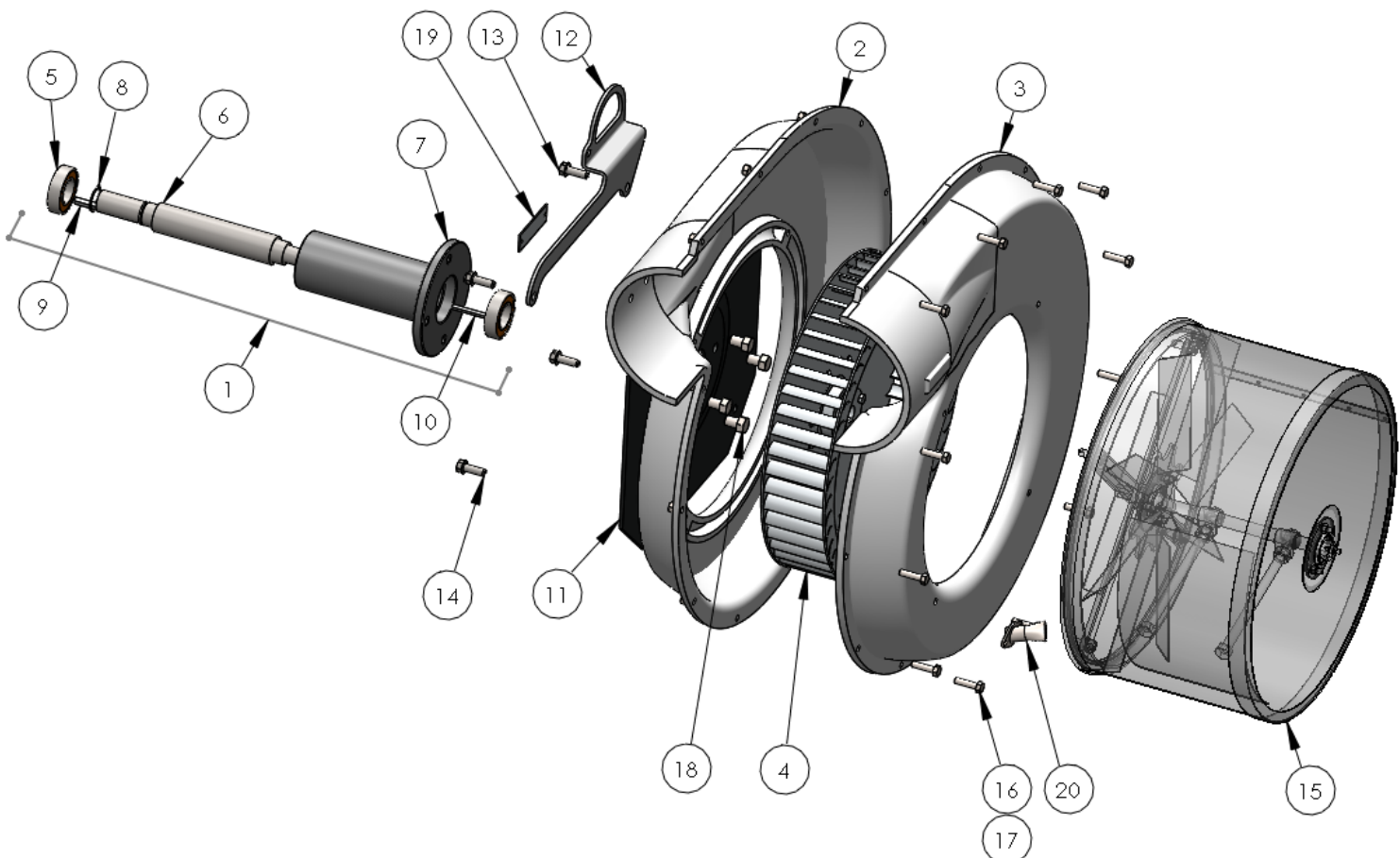


NOTE
AWS0078 BEARINGS NOW
INCLUDE AWS0079 FLANGES
& AWS1012 SHIM

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	AWS0077L	Rotary Screen, Right	1
6	AWS0080	Rotary Screen Cap	1
7	AWS0081	Clean Out Plate	1
8	AWS0088	Rotary Screen Seal	Opt

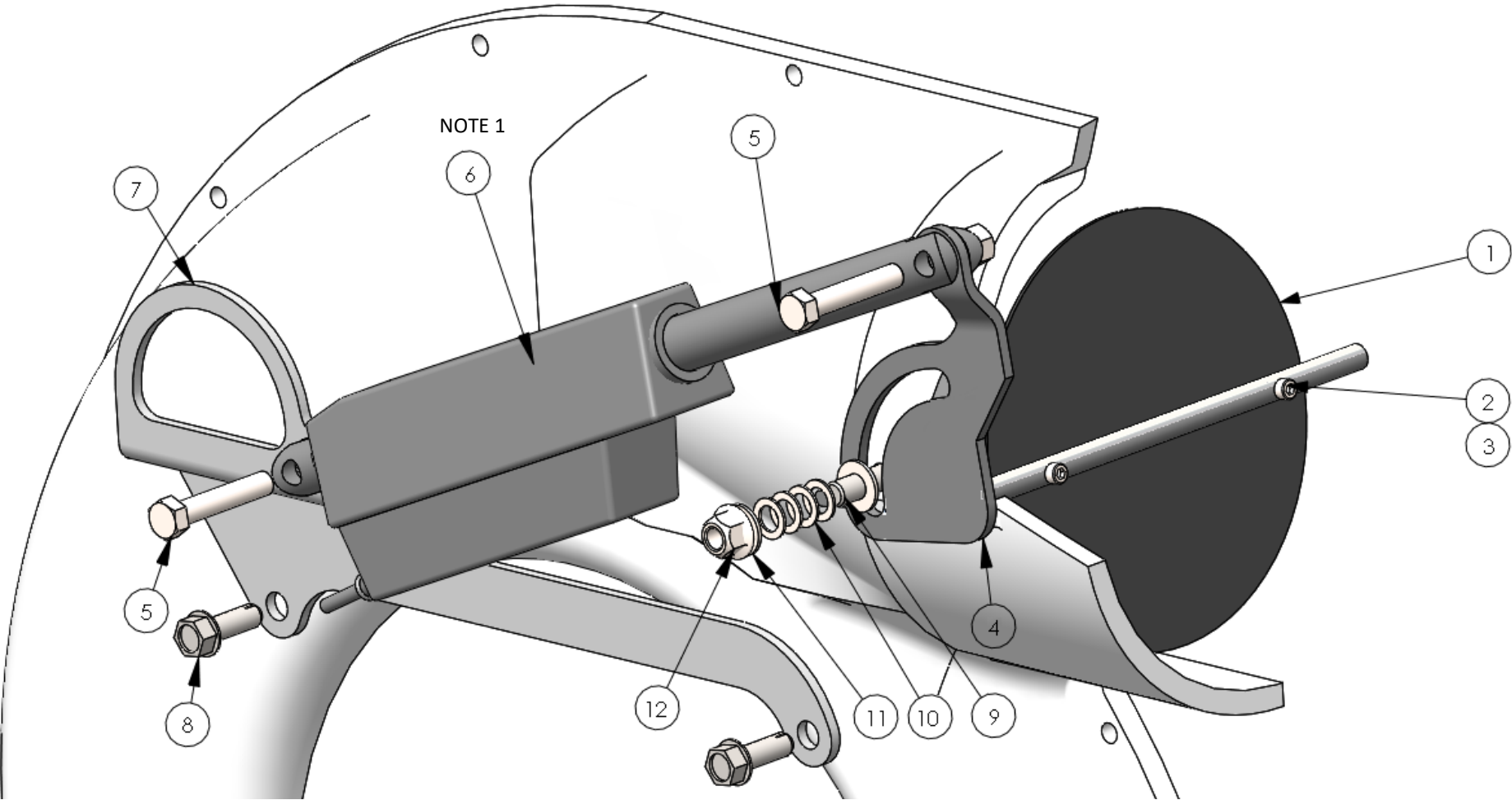
Ref.	Part Number	Description	Qty.
9	AWS0082	Clevis	2
10		1/2 nc Lock Nut	4
11		Bolt, 1/4nc x 3/4 Carriage	6
12		Nut, 1/4 nc Nylock	6
13		Bolt 3/8 nc x 1 Self Tapping	4
14		Washer, 3/8 Flat	4
15	AWS0083	Rotary Screen Brush Assy	1
16		Washer, 5/16 Flat	AR
17		1/4nc x3/4 Button Head Cap, SS	1
	AWS0230L	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	AWS0072 AWS0070	Impeller, Left 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

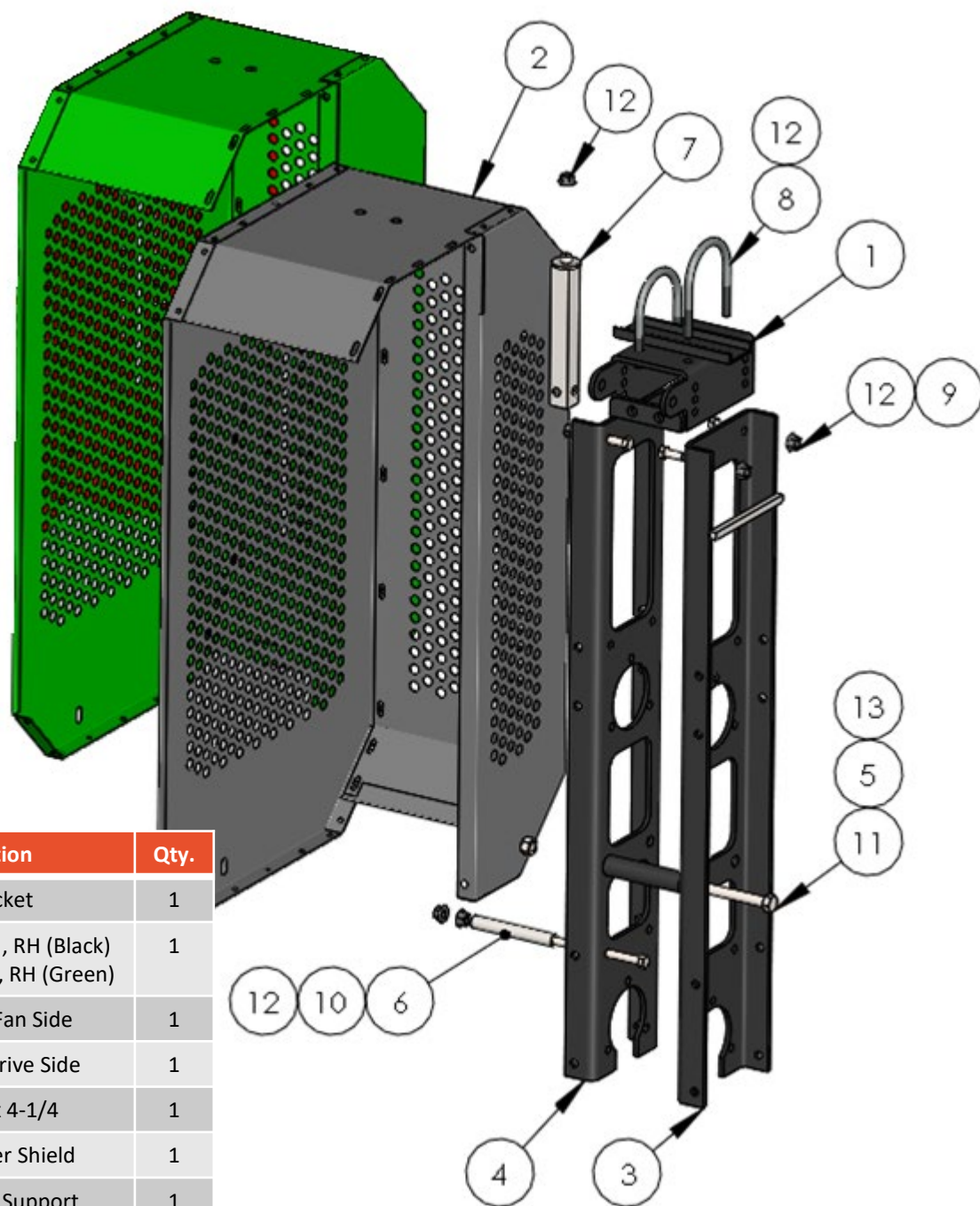
Ref.	Part Number	Description	Qty.
11	AWS0067	Fan Plate	1
12	AWS0203L	Actuator Mount, See Next Page	1
13		Bolt, 3/8nc x 1-1/4	2
14		Bolt, 3/8nc x 1 Self Tapping Flange	2
15	AWS0230L	Rotary Screen Assembly	1
16		Bolt, 5/16nc x 1-1/4	12
17		Nut, 5/16nc Nylock	12
18		Bolt, 1/2" nc x 3/4"	4
19	AWS0065	Serial Number Plate	1
20	AWS1038L	Rotary Screen Nozzle	1



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	AWS0214	Throttle Shaft, LH 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

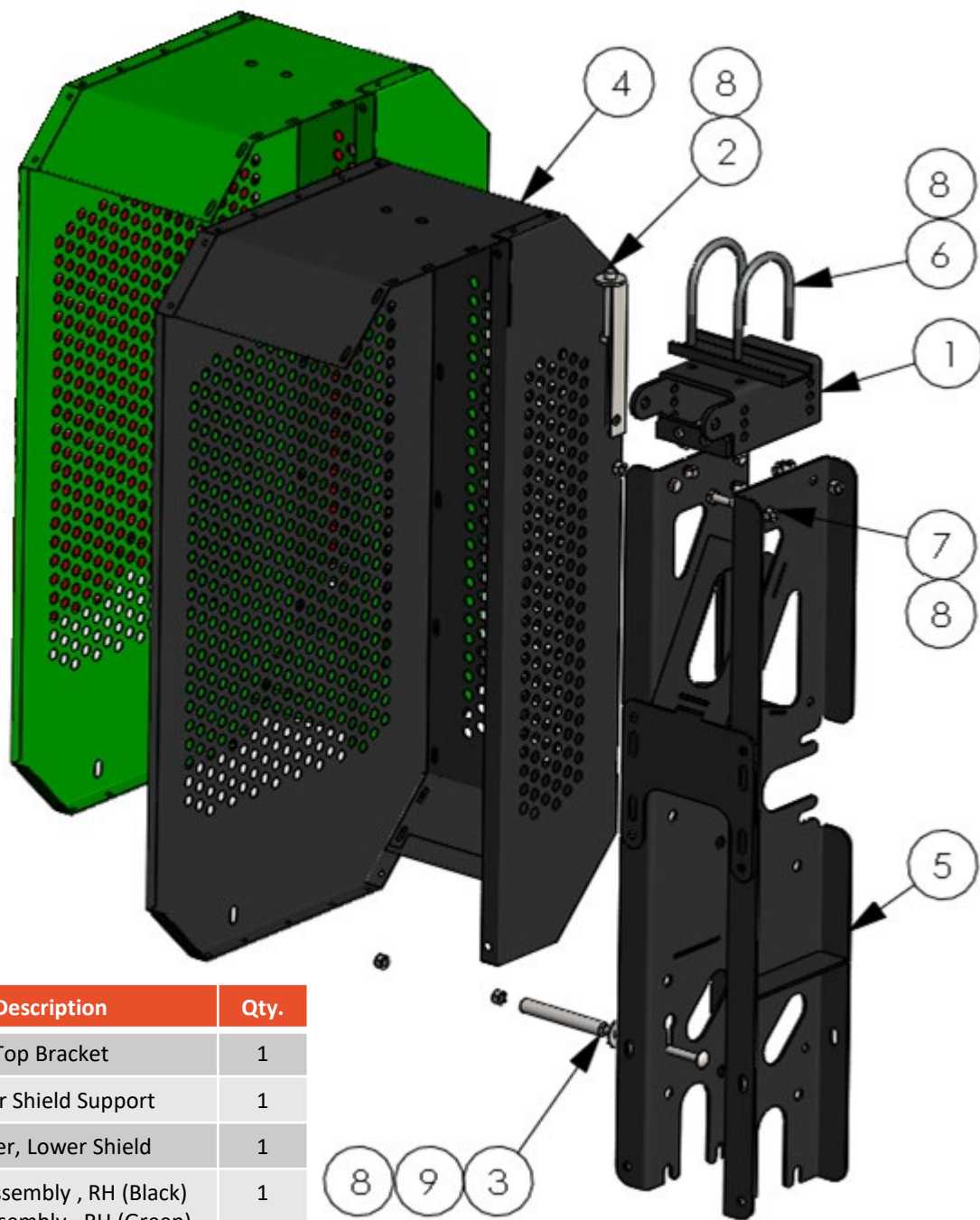
NOTES:
1. See Electrical Controls section near back of manual for additional information.

Frame Assembly – to 2020



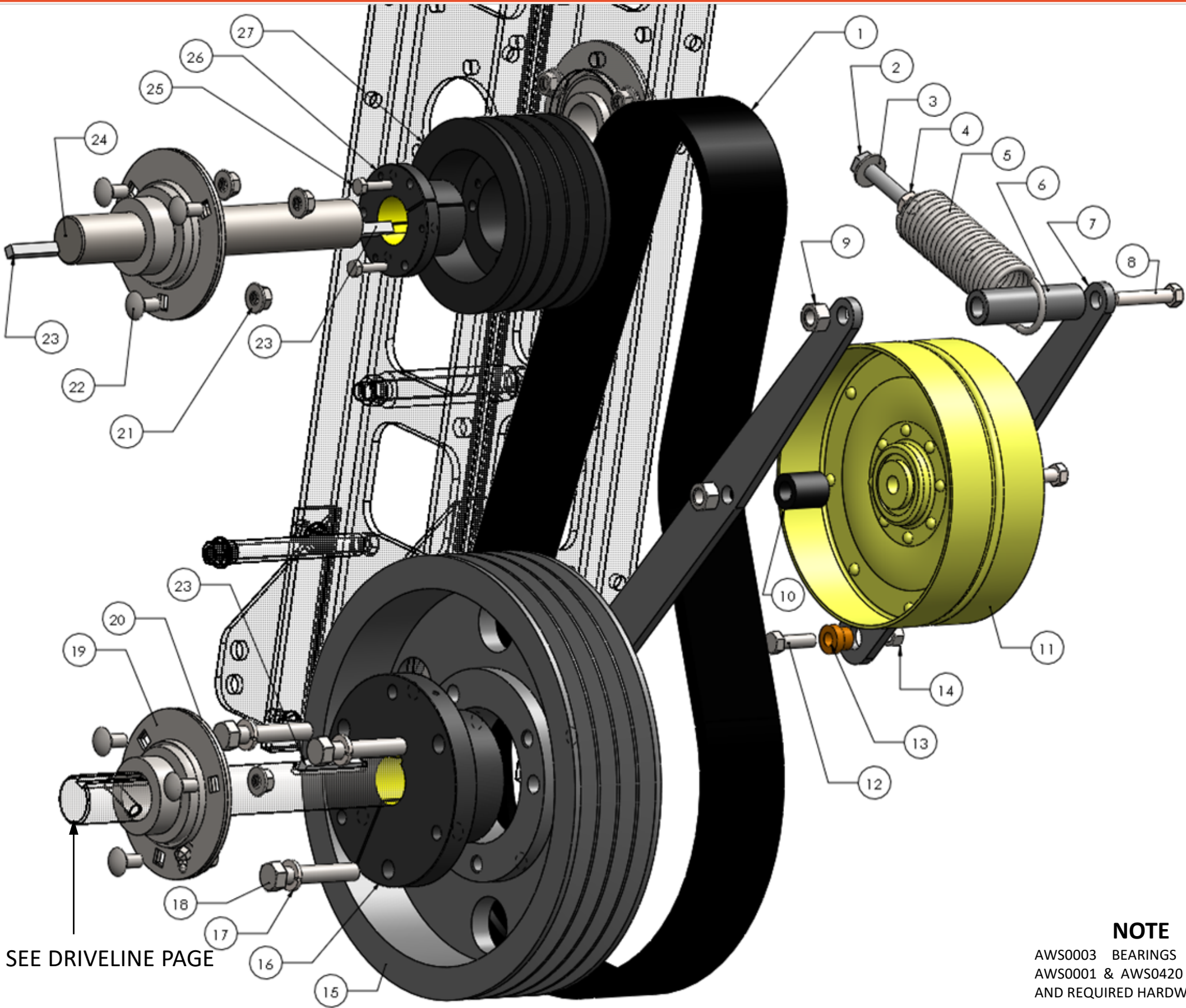
Item #	Part #	Description	Qty.
1	AWS0126	Top Bracket	1
2	AWS0049 AWS0049G	Shield Assembly , RH (Black) Shield Assembly , RH (Green)	1
3	AWS0041	Frame Rail, Fan Side	1
4	AWS0040	Frame Rail, Drive Side	1
5	AWS0042	Spacer, ½ x 4-1/4	1
6	AWS0047	Spacer, Lower Shield	1
7	AWS0045	Upper Shield Support	1
8	AWS0039	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

2021 & up



Item #	Part #	Description	Qty.
1	AWS0126	Top Bracket	1
2	AWS0045	Upper Shield Support	1
3	AWS0047	Spacer, Lower Shield	1
4	AWS0049 AWS0049G	Shield Assembly , RH (Black) Shield Assembly , RH (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)

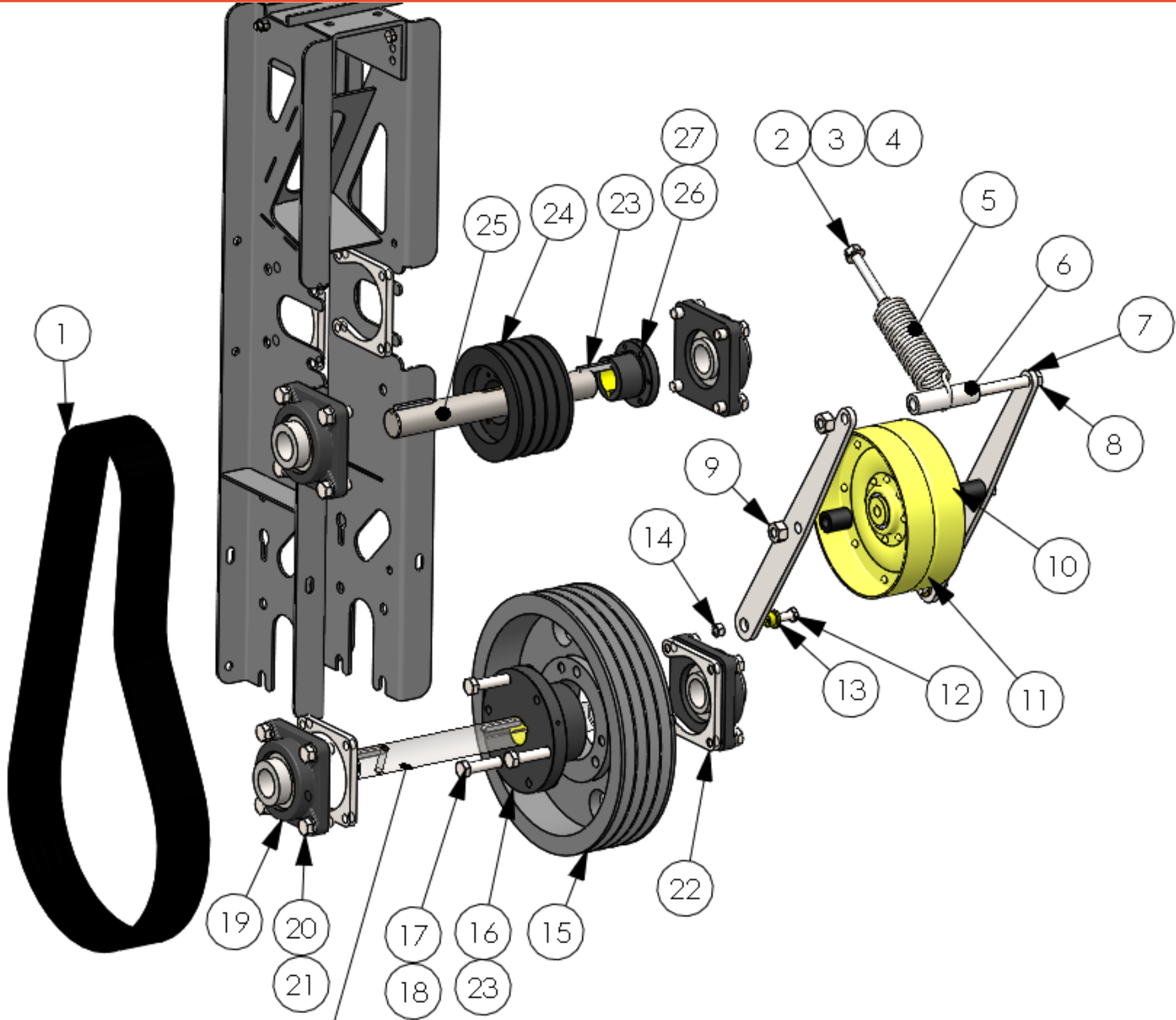


SEE DRIVELINE PAGE

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, ½ (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

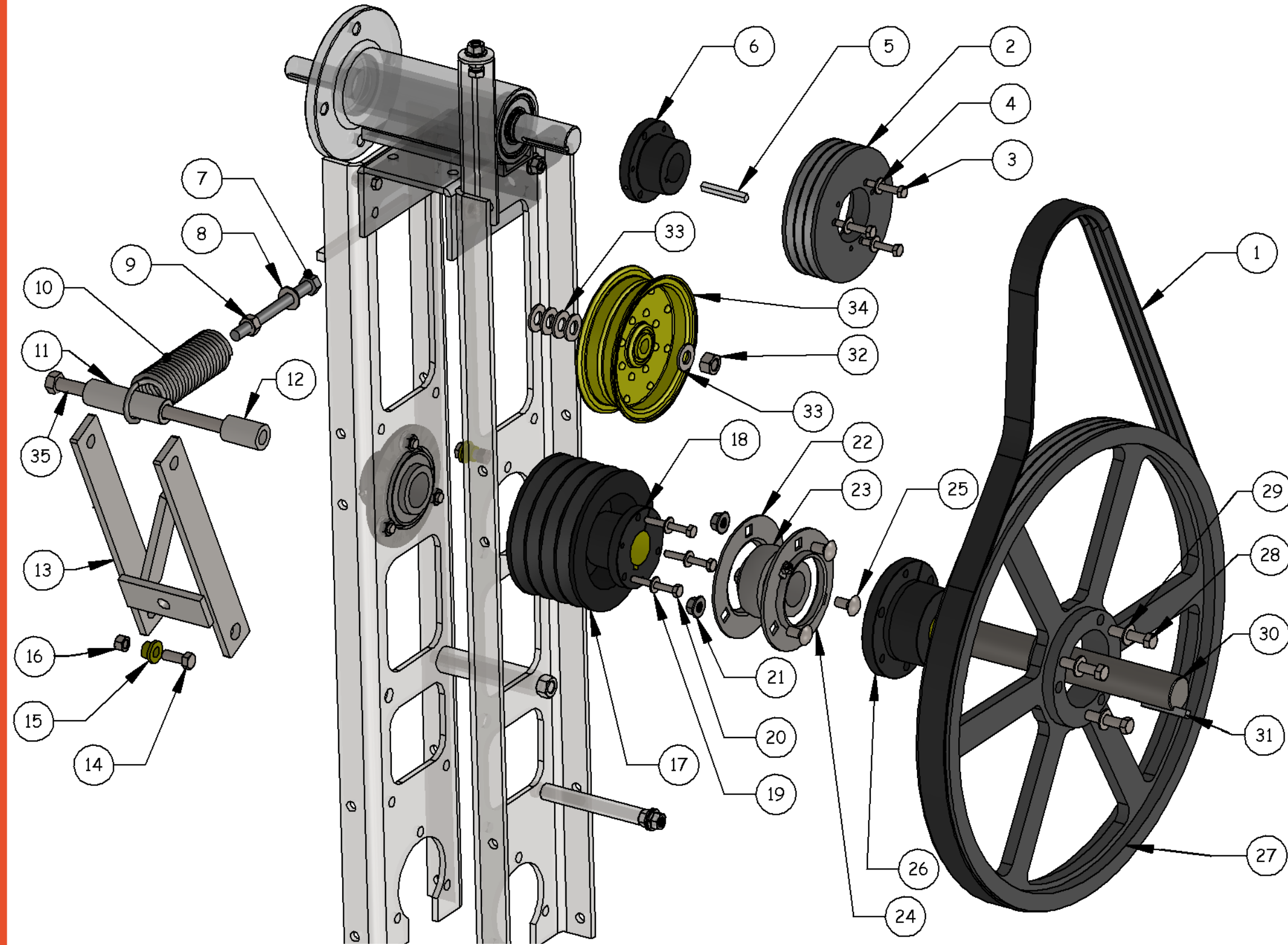
Primary Drive Assembly – 2021 & up
(4 Bolt Cast Bearing Flanges)



SEE DRIVELINE PAGE

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, ½ (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, 1/2ncX1-1/4	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

Secondary Drive Assembly

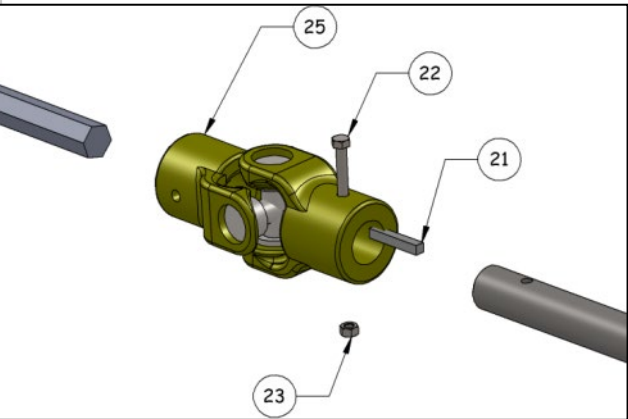


Item #	Part #	Description	Qty.
1	AWS0025	Belt, 3VX750-3	1
2	AWS0029	Sheave, 3VX5.30-3	1
3		Bolt, 1/3ncX1-1/2, Tap (w/6)	3
4		Lock Washer ¼ (w/6)	3
5	AWS0034	Key, 1/4X1-1/4	1
6	AWS0033	Bushing SDS 1-1/8	1
7	AWS0015	Bolt, 7/16ncX5 Tap	1
8		Flat Washer, 7/16	1
9	AWS0016	Jam Nut, 7/16	1
10	AWS0014	Spring, 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	

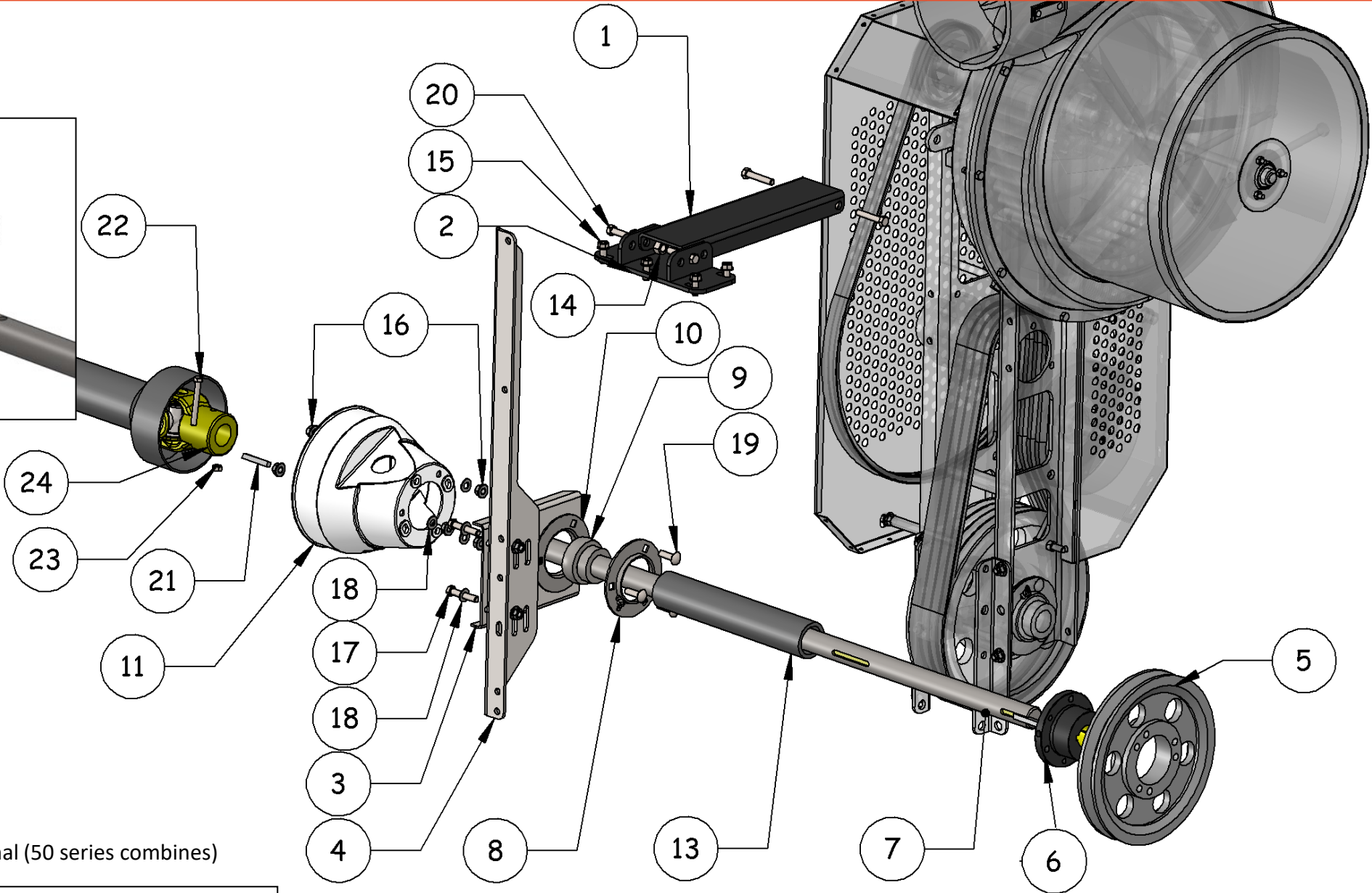
Mounting and Drive Components



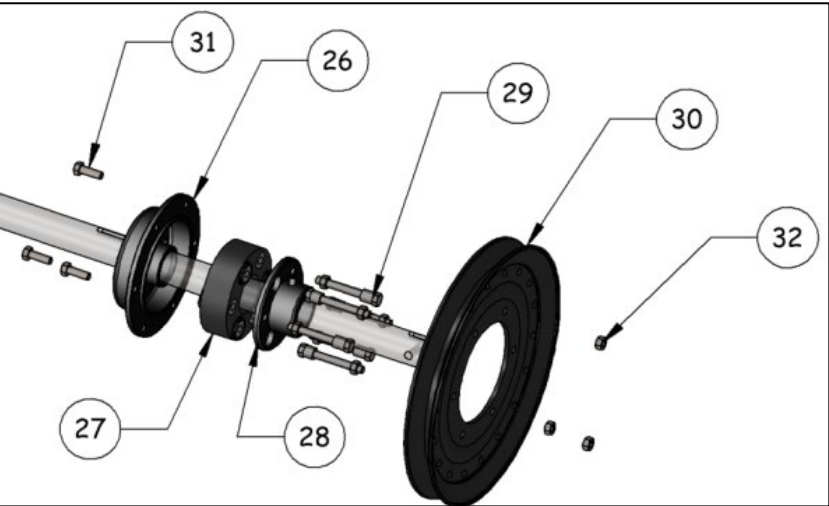
Item #	Part #	Description	Qty.
1	AWS0424	Top Link, 14"	1
2	AWS0425	Top Link Bracket	1
3	AWS0242	Universal Bearing Support	1
4	AWS0249	Universal Brace, Angle	1
5	AWS0310	Sheave, C10.5-1	1
6	AWS0032	Bushing, SF1-3/8"	1
7	AWS0915	JD 915 1-3/8" Shaft	1
	AWS0918	JD 918 1-3/8" Shaft	1
	AWS0920	JD 920 1-3/8" Shaft	1
	AWS0922	JD 922 1-3/8" Shaft	1
	AWS0925	JD 925 1-3/8" Shaft	1
	AWS0930	JD 930 1-3/8" Shaft	1
8	AWS0420	Bearing Flange, Greasable	1
9	AWS0003	Bearing, 1-3/8" Wide Race w/ Collar	3
10	AWS0001	Bearing Flange, PF 207	1
11	AWS0240	PTO Guard	1
12	AWS0314	Yoke, Weasler #35 1-3/8"	1
	AWS0458	U-Joint Assy. 1-1/8" Hex to 1-2/8" rb	1
13	AWS0440	Shaft Guard	ft.
14		1/2" nc Stover Lock Nut	4
15		3/8" nc x 1" Flange Hex Self Tap	6
16		3/8" nc Flange Nut	8
17		3/8" nc x 1" Hex Bolt	2
18		3/8" Flat Washer	5
19		3/8" nc x 1-1/4" Carriage Bolt	3
20		1/2" nc x 1" Hex Bolt	4
21	AWS0011	Key, 5/16" x 2"	1
22		Bolt, 5/16" x 3-1/4"	1
23		5/16" nc Lock Nut	1
24	AWS0314	Yoke #35 1-3/8"	Opt
25	AWS0458	U-Joint Assy. 1-1/8" Hex – 1-3/8" RB	Opt



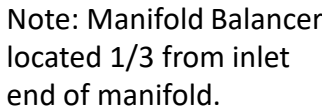
Early 900 with Chain coupler uses U-Joint to couple 1-3/8 Shaft to original hex shaft. Later 900f provided with replacement yoke for on factory PTO shaft.



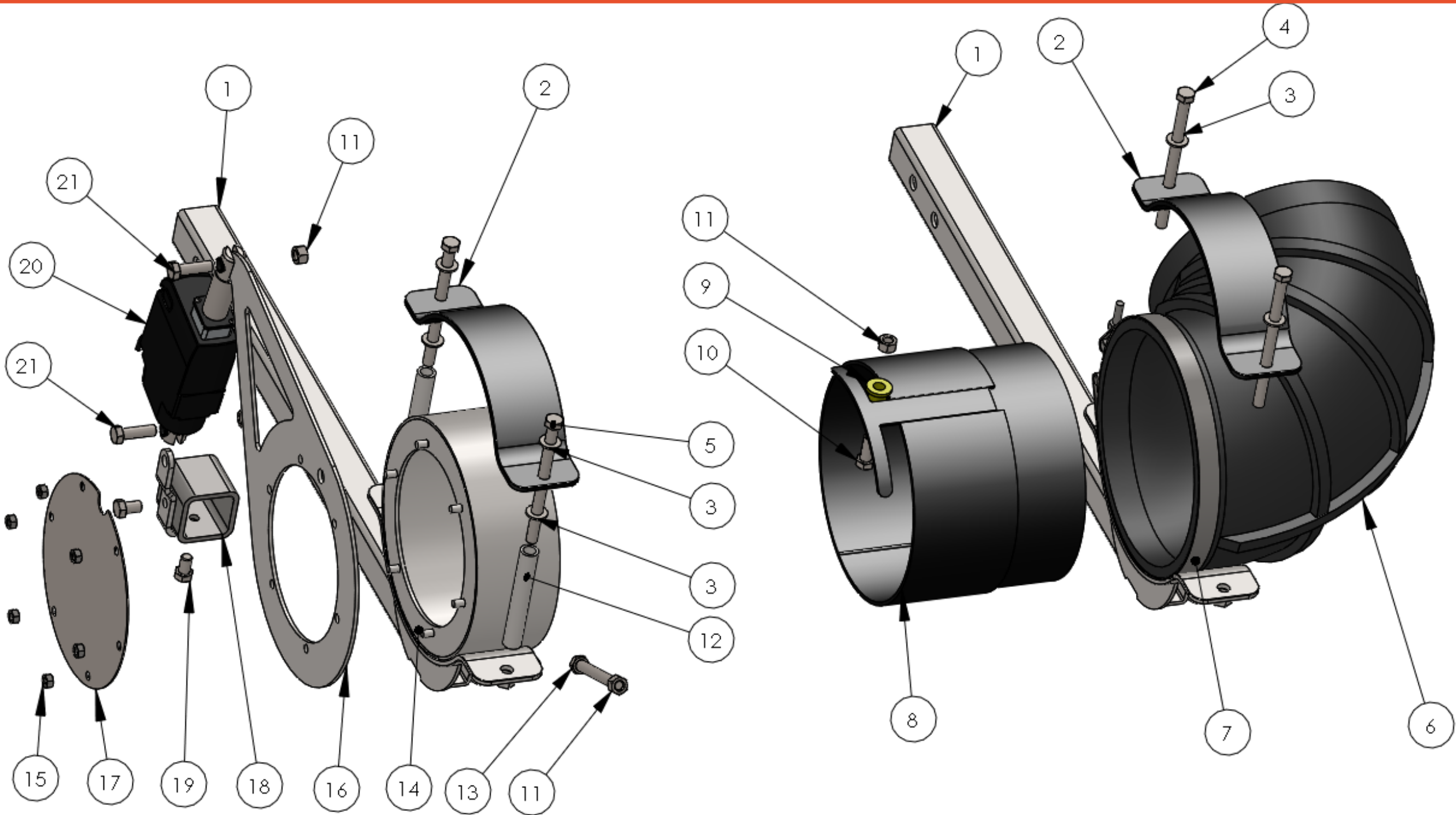
AWS0350 Knife Drive Assy. Optional (50 series combines)



Item #	Part #	Description	Qty.
26	AWS0381	Knife Drive Centre	1
27	AWS0380	Knife Drive Cushion	1
28	AWS0382	Knife Drive Hub	1
29	AWS0393	Knife Drive Bushing and 5/16"x2-3/4" Gr. 8 Bolts (6) w/ 5/16" Nyloc Nuts	1
30	AWS0388	Sheave, JD 11.5"	1
31		5/16" nc x 1" Hex Bolt	6
32		5/16" nc Nylock Nut	6

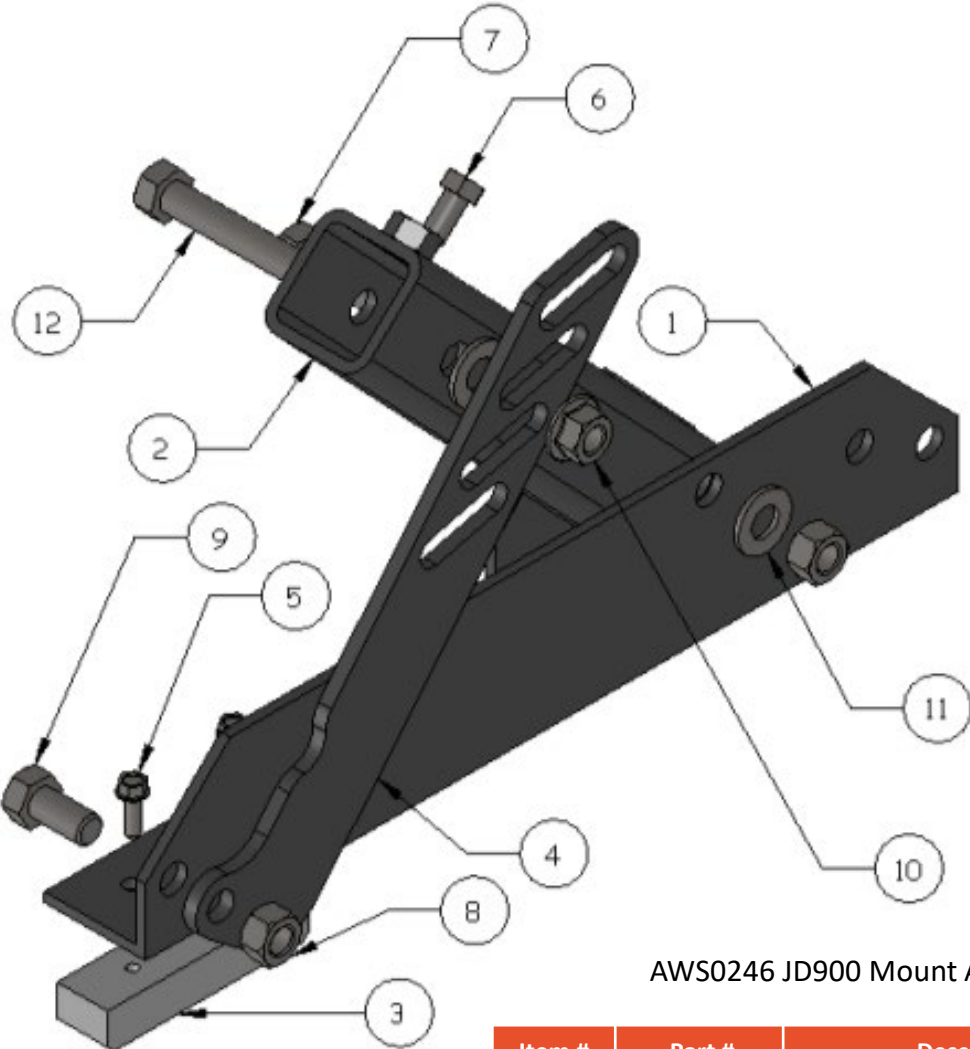


End Cap and Lock Sleeve



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

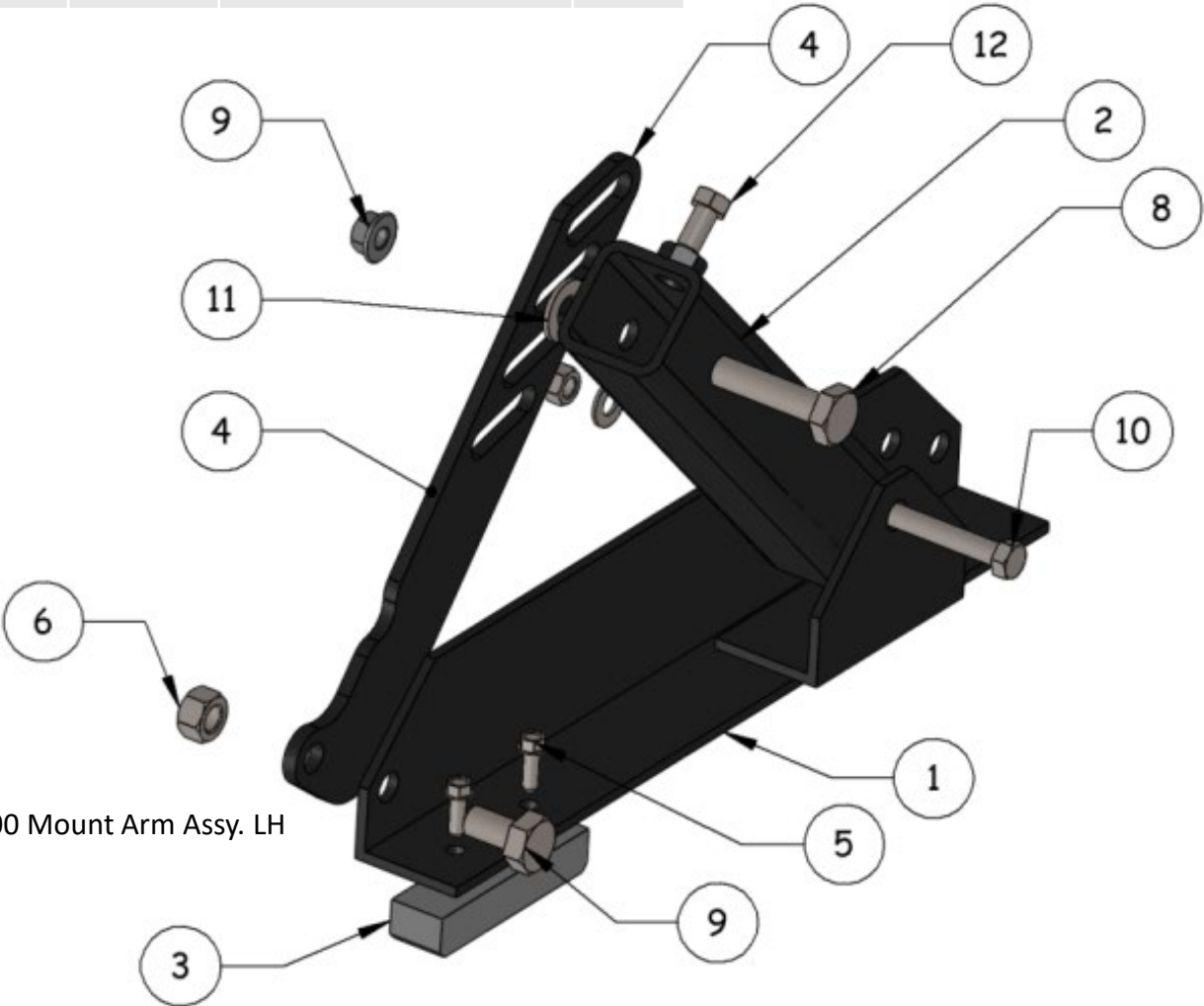
AWS0814 End Cap Assembly, w/ lever includes items 11,13,14,15,16,17 and replaces AWS0094 End Cap (-2015)



AWS0246 JD900 Mount Arm Assy. RH

Item #	Part #	Description	Qty.
1	AWS0105	JD Mount Arm Base, Left	1
2	AWS0207	JD Mount Arm Tube	1
3	AWS0359	JD Mount Arm Slide	1
4	AWS0109	Adjustment Link, 10"	1
5		1/4" x 3/4" Thread Cut Type F	2
6		Bolt, 3/8" nc x 1"	1
7		Bolt, 3/8" x 3-1/2"	2
8		Top Lock Nut, 1/2"	1
9		Bolt, 1/2" x 1"	1
10		Flange Hex Nut, 1/2"	1
11		Flat Washer, 1/2"	2
12		Bolt, 1/2" x 3"	1

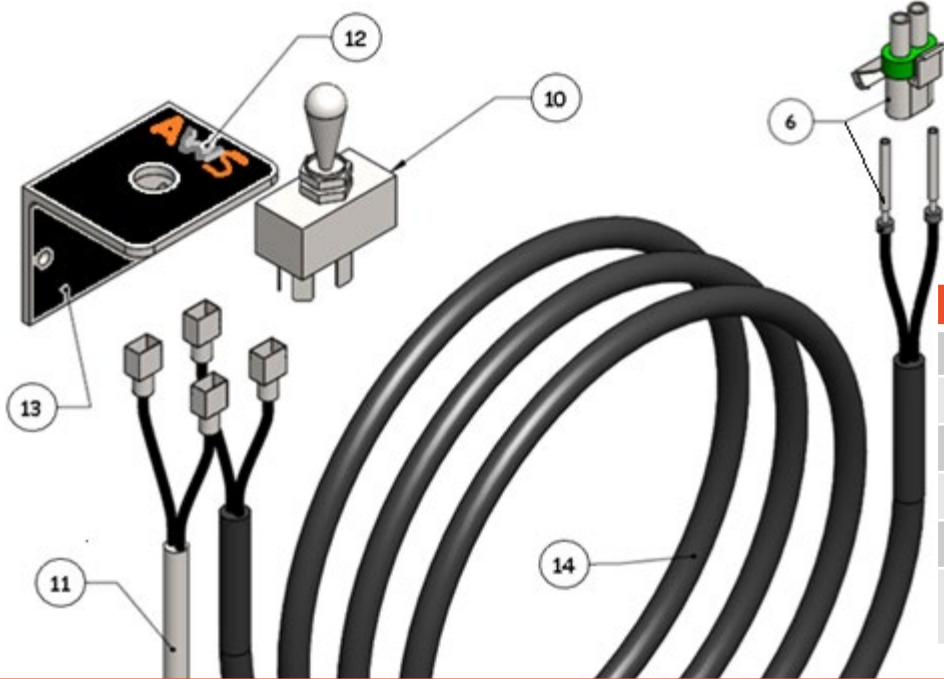
Item #	Part #	Description	Qty.
1	AWS0104	JD Mount Arm Base, Left	1
2	AWS0207	JD Mount Arm Tube	1
3	AWS0359	JD Mount Arm Slide	1
4	AWS0109	Adjustment Link, 10"	1
5		1/4" x 3/4" Thread Cut Type F	2
6		Bolt, 1/2" x 1"	1
7		Top Lock Nut, 1/2"	2
8		Bolt, 1/2" x 3"	1
9		Flange Hex Nut, 1/2"	1
10		Bolt, 3/8" x 3-1/2"	1
11		Flat Washer, 1/2"	2
12		Bolt, 3/8" nc x 1"	1



AWS0245 JD900 Mount Arm Assy. LH

Dual Switch Controls

Item #	Part #	Description	Qty
1	AWS0422	Switch Box Assy. Specify Application, (Incl. Items 1-7)	1
2	HDTHE2Z1812	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	

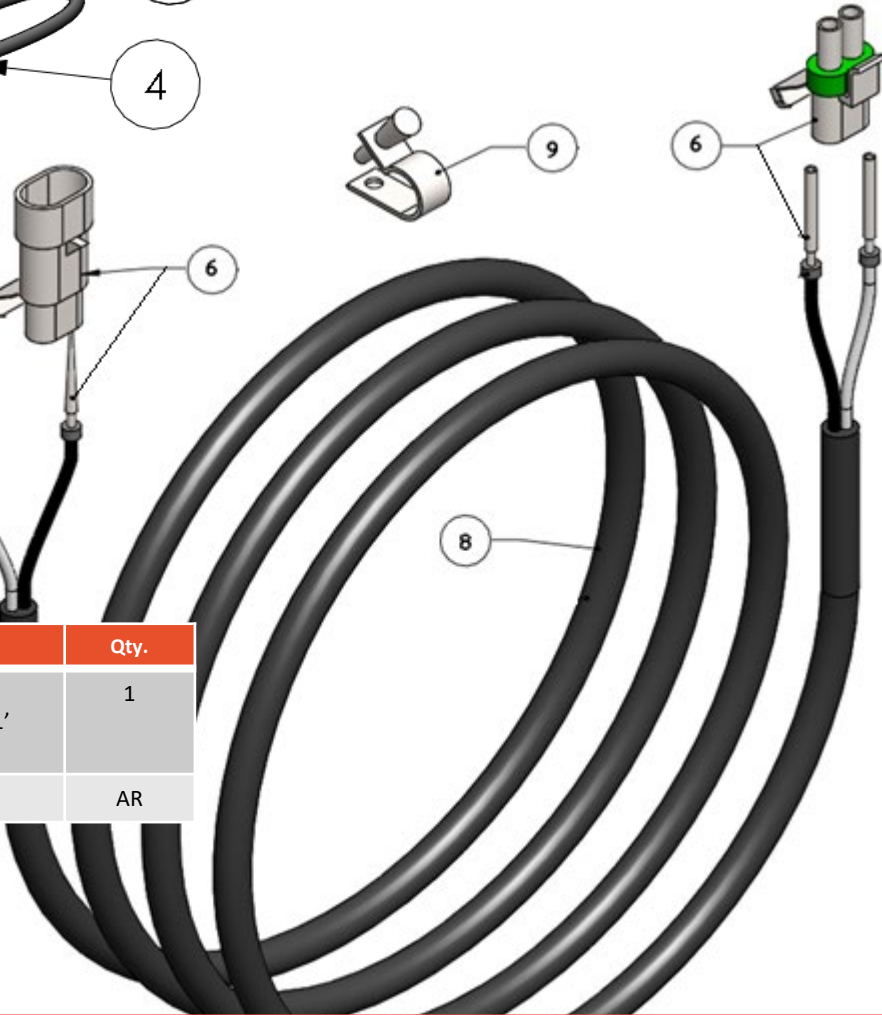


Single Switch Controls

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)	

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



Actuators

Item #	Part #	Description	Qty
1	AWS0095	Actuator, Fan Control LA12	1
2	Call AWS	Actuator, Manifold Tilt LA30 Single Manifold -2014	1
3	AWS0546	Actuator, Manifold Tilt LA23 Single Manifold 2014- (Incl. Item 4)	1
4	AWS0546B	Actuator Harness LA23 (Incl. Clip & Connector, Fits Item 4 only)	1

