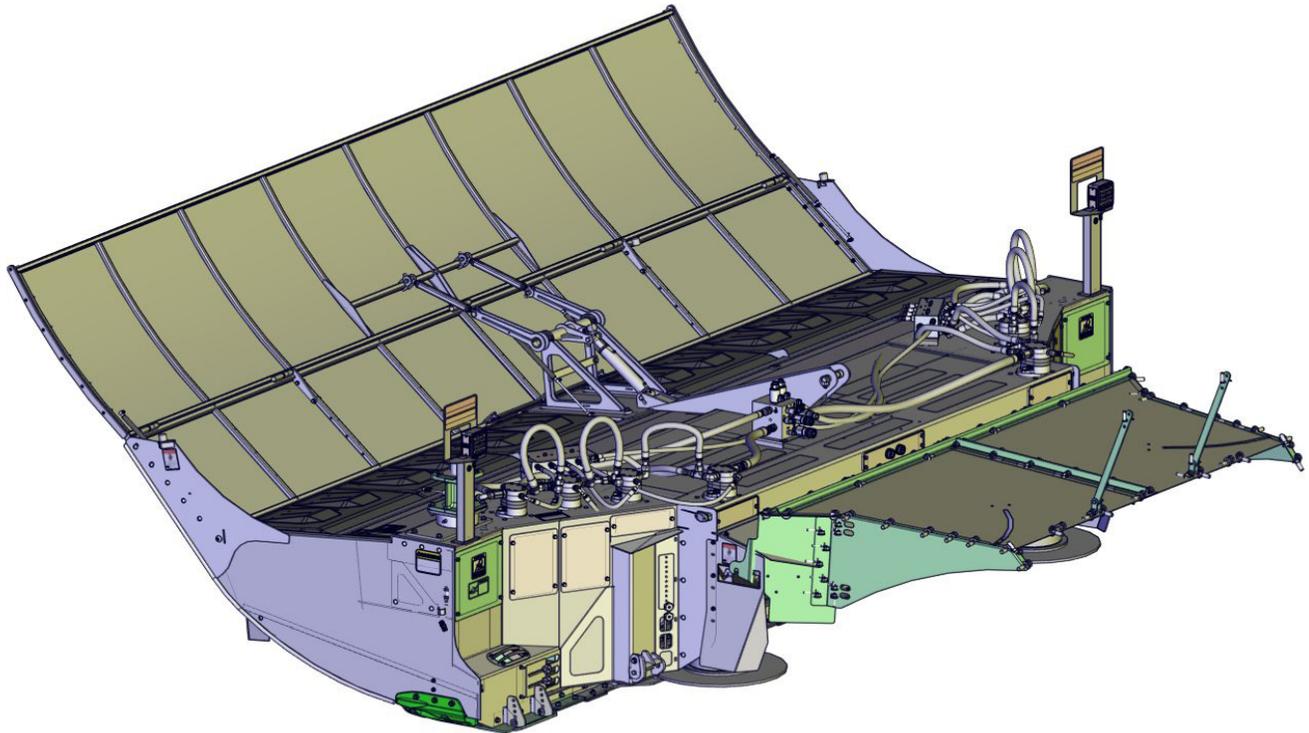


Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999



# Model SC1500 Specialty Seed Header Parts Manual

SN SC1500-24001 thru SC1500-24999

Rev. L

D-220308DMC01

208-937-2461  
[www.hillcotechnologies.com](http://www.hillcotechnologies.com)  
email: [support@hillcotechnologies.com](mailto:support@hillcotechnologies.com)



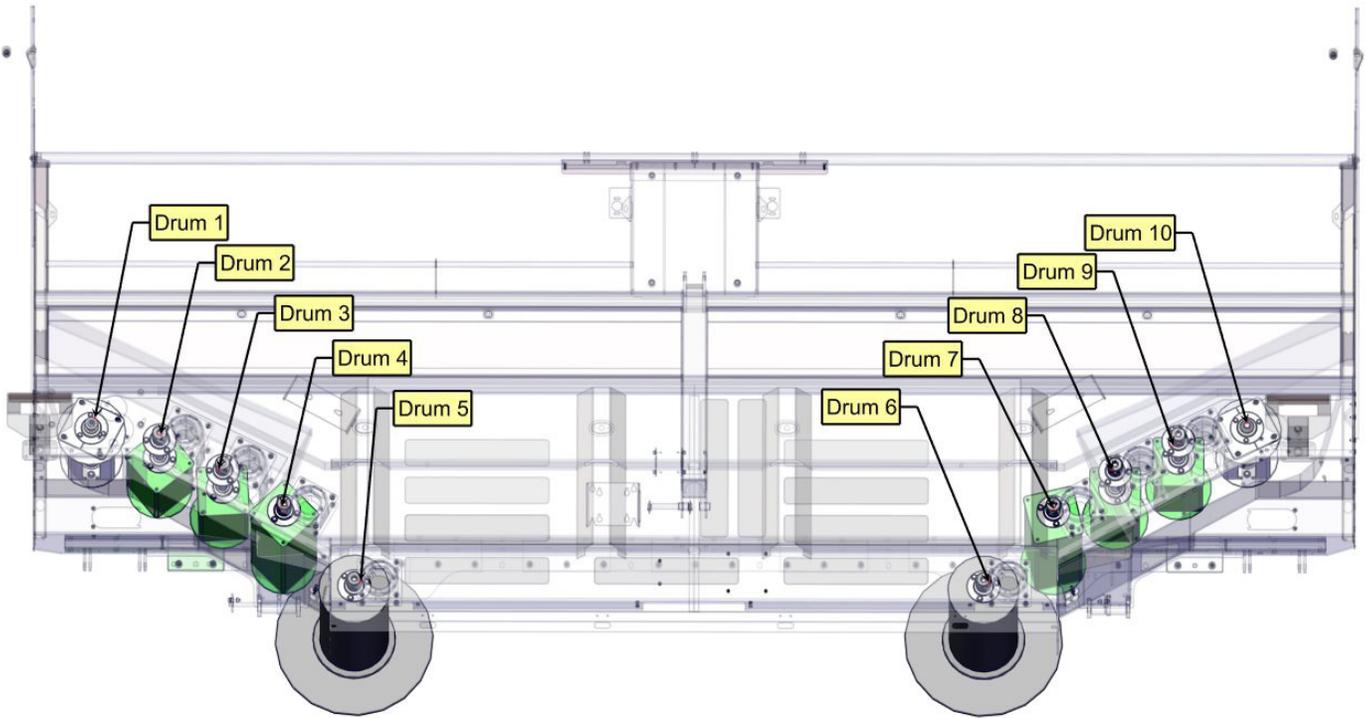
# SC1500 SPECIALTY CROP PLATFORM

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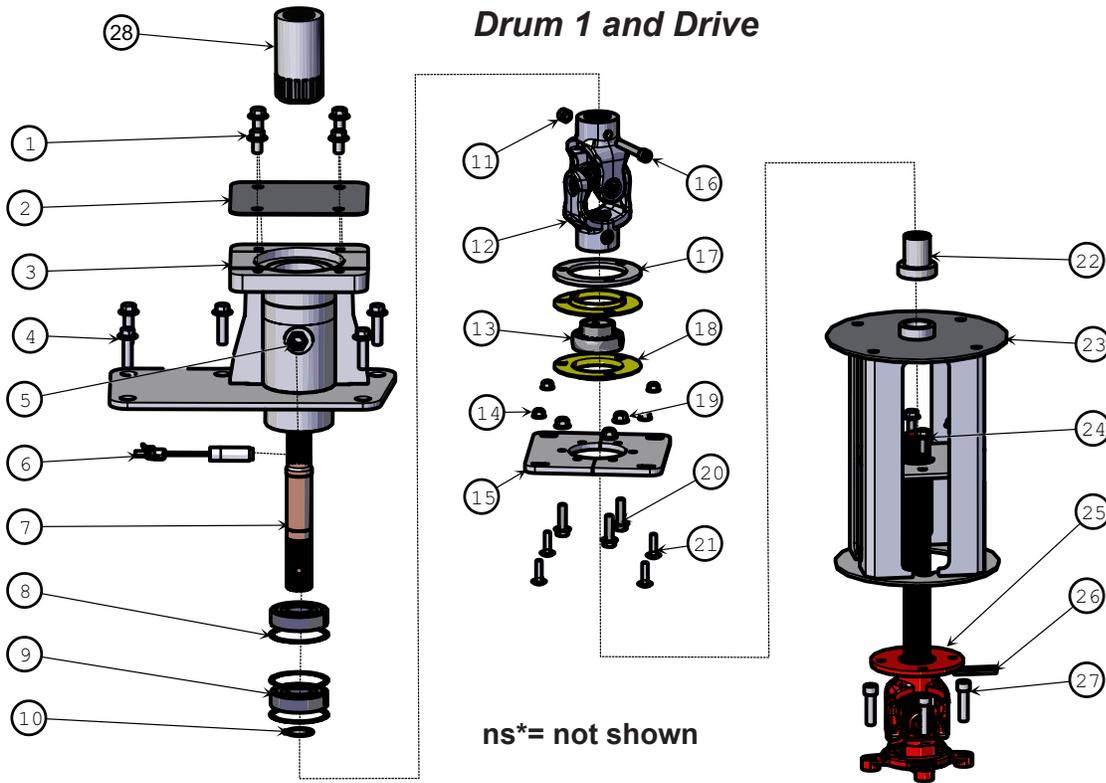
Model SC1500 Specialty Seed Header  
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***Drum Location***



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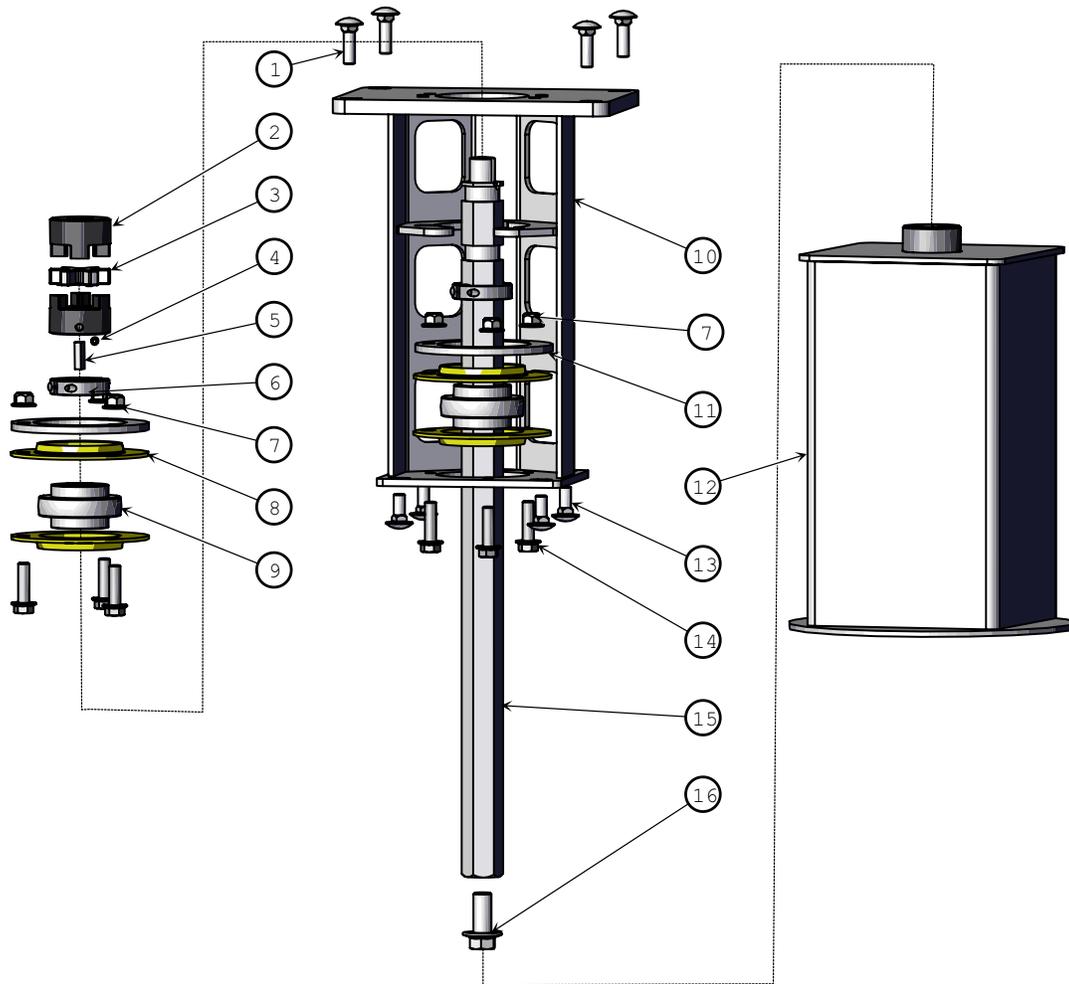
**Drum 1 and Drive**



BOM ID	Hillco Part No.	John Deere Part No.	Qty	Description
1	122.012.040	19M7791	4	BOLT, HEX, FLANGE, M12X40MM
2	1381241		1	MOTOR MOUNT SHIPPING COVER
3	1379771		1	MOTOR MOUNT
4	122.012.045	19M7813	5	BOLT,HEX,FLANGE,CL 10.9 M12X45
5	156055	R27448	1	NUT, SPECIAL JAM,
6	156052	AFH208466	1	MAGNETIC PICKUP
7	1379682		1	UPPER DRIVESHAFT
8	156063		3	RETAINING RING, SPIRAL INTERNAL 3-1/8"BORE
9	156282		2	BEARING DGBB, 80MM OD X 35MM, DUAL SHIELD
10	268.035		1	RING, SNAP, EXT 35MM
11	126.010	14M7152	1	NUT,HEX,STOVER,CL10 M10
12	156338		1	UNIVERSAL JOINT
12*	156320	AFH212057	1	CROSS KIT (2300 SERIES)
13	100548	AZ19427	1	INSERT,BEARING 1-7/16(NON-RLUB) (REQUIRES 156333)
ns*	156333	AZ10020	1	ECCENTRIC COLLAR
14	128.008	14M7396	4	NUT,HEX,FLANGE,STOVER,CL10 M8 X 1.25
15	1368161		2	BEARING MOUNT
16	159.010.070	19M0910	1	SCREW, SOCKET HEAD CAP, CL 12.9 M10X70
17	1380351		1	FLANGE REINFORCEMENT CLAMP
18	156334	C3994E	2	3 BOLT FANGETTE, 72 MM BEARING
19	128.010	14M7298	3	NUT,HEX,FLANGE,STOVER,CL10 M10
20	122.010.035	19M7835	3	BOLT,HEX,FLANGE,CL 10.9 M10X35MM
21	163.008.030	03M7186	4	BOLT CARRIAGE, CL8, M8x25MM
22	1380571		1	SPLINED SLEEVE, 1 5/16 20 TOOTH
23	1379931		1	FLANGED DRUM
24	122.010.025	19M7785	4	BOLT,HEX,FLANGE,CL 10.9 M10X25MM
25	156339		1	DRIVE SHAFT half, 1 5/16 20 TOOTH SPLINE
26	201.010.060		1	PIN, ROLL M10 x 60
27	159.012.035		4	SCREW, SOCKET HEAD CAP,CL12.9 M12 X 35MM
28	156075	E96427	1	COUPLER, MOTOR TO HEADER
ns*	1379751		1	WASHER, SHEAR HUB

Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999

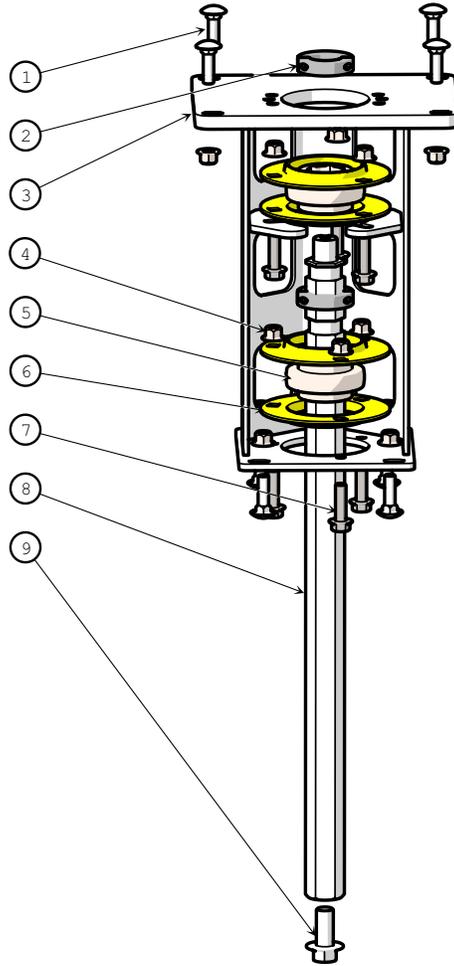
**Suspended Drums**



BOM ID	Hillco Part No.	John Deere Part No.	Qty	Description
1	163.010.035	03M7193	4	BOLT,CARRIAGE,CL8.8 M10X35MM
2	155979		2	COUPLER,JAW, 7/8B, 1/4"X1/8"KW
3	155980		1	L TYPE SPIDER, SOLID CENTER,
4	158.004.008		2	SCREW,SOCKET,SET 1/4-20 X 1/2
5	10064.04.00015		1	KEYSTOCK,SQ 1/4" x1/4" X.9375"
6	155955		2	TWO-PIECE CLAMP-ON SHAFT COLLAR 1-3/16" BORE
7	128.010		6	NUT,HEX,FLANGE,STOVER,CL10 M10
8	156334	C3994E	4	3 BOLT FANGETTE, 72MM BEARING (ORDER AS 1381411)
9	156111	AE37057	2	BEARING, INSERT, 1-1/4 HEX (ORDER AS 1381411)
8&9	1381411		1	3 BOLT FLANGETTE AND 72MM BEARING
10	1380511		1	BEARING CARTRIDGE, TALL
11	1380351		2	FLANGE REINFORCEMENT CLAMP
12	1379121		1	CONVERGING DRUM, MIDDLE
13	163.010.025	03M7191	4	BOLT, CARRIAGE,CL8.8 M10X25MM
14	122.010.035	19M7835	6	BOLT,HEX,FLANGE,CL10.9 M10X35MM
15	1369164		1	DRUM SHAFT
16	122.016.035	19M7843	1	BOLT,HEX:FLANGE, CL10.9 M16 X 35MM

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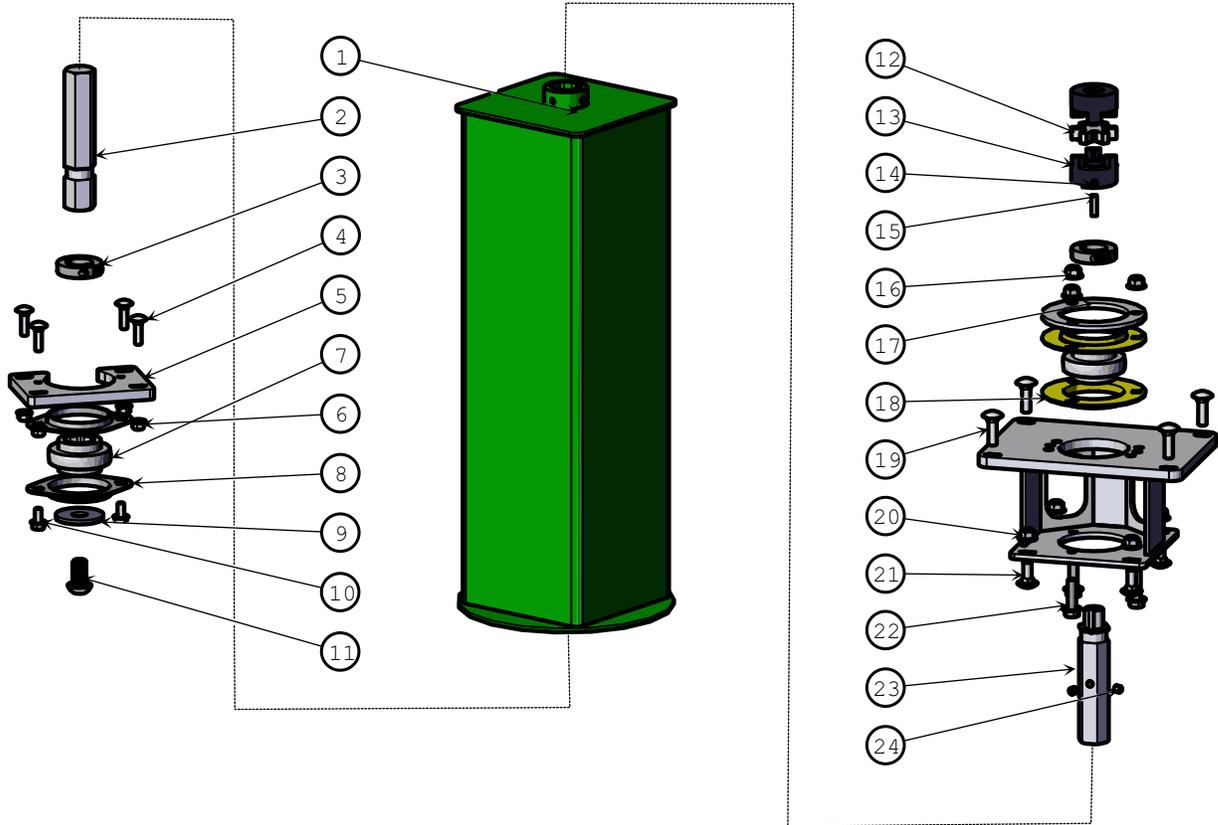
**Cartridge Replacement Kit**



BOM ID	Hillco Part No.	Qty	John Deere Part No.	Description
(1-9)	1383381	1		TALL BEARING CARTRIDGE REPLACEMENT KIT
1	163.010.035	8		163.010.035
2	155955	2		TWO-PIECE CLAMP-ON SHAFT COLLAR 1-3/16" BORE
3	1380511	1		BEARING CARTRIDGE, TALL
4	128.010	14		NUT, HEX, FLANGE, STOVER, CL10 M10X1.5
5	156111	2	AFH213106	BEARING, INSERT, 1-1/4 HEX
6	156334	4	E79725	3 BOLT FLANGETTE, 72MM
7	122.010.035	6		BOLT, HEX, FLANGE, CL10.9 M10X35MM
8	1369164	1		DRUM SHAFT
9	122.016.035	1		BOLT, HEX, FLANGE, CL10.9 M16 X 35

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**Tall Drum**

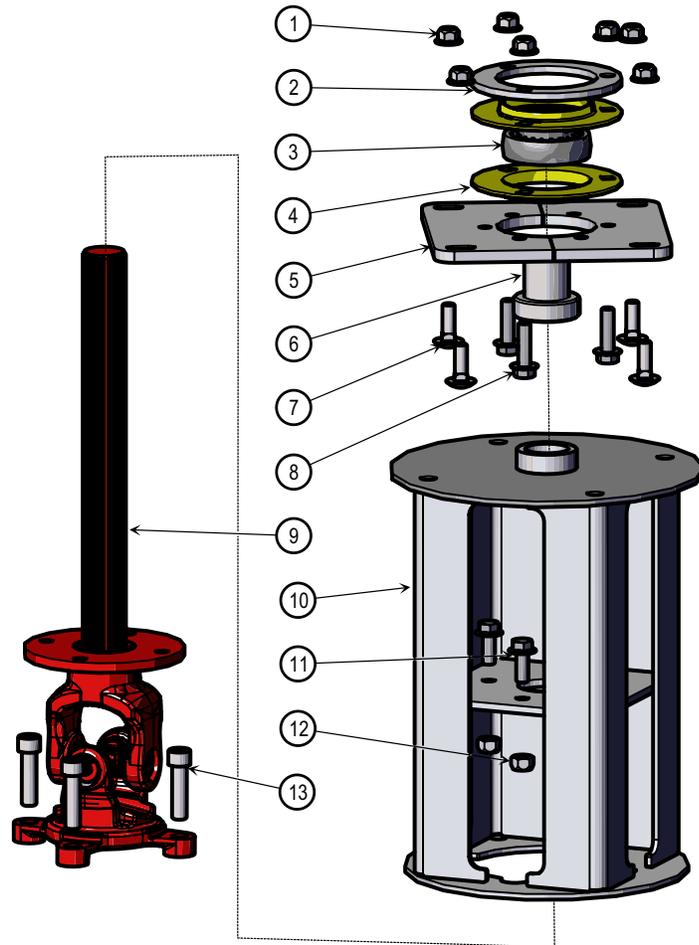


BOM ID	Hillco Part No.	John Deere Part No.	Qty	Description
1	1363527		1	DRUM, TALL
2	1368174		1	IDLER SHAFT
3	155955		2	TWO-PIECE CLAMP-ON SHAFT COLLAR 1-3/16" BORE
4	163.008	03M7187	4	BOLT CARRIAGE, CL8, M8x25MM
5	1369452		1	TALL DRUM BEARING MNT
6	128.008	14M7298	4	NUT,HEX,FLANGE,STOVER,CL10 M8 X 1.25
7	156111	AE37057	2	BEARING, INSERT, 1-1/4 HEX (ORDER AS 1381421)
8	153111	H76961	2	FLANGETTE, 2-BOLT, 72MST (ORDER AS 1381421)
7&8	1381421		1	2 BOLT FLANGETTES AND 72MM BEARING
9	143641	24M7103	1	WASHER,FLT 17.5 X 56 X 5MM
10	122.008.016	19M7865	2	BOLT,HEX,FLANGE,CL10.9 M8X16
11	206.016.030		1	SCREW, BUTTONE HEAD CAP, CL12.9 M16X30MM
12	155980		1	SOLID CENTER, L090 SPIDER
13	155979		2	COUPLER, JAW 7/8"BORE; 1/4"x1/8" KEYWAY
14	158.004.008		2	SCREW,SKT,SET 1/4-20 X 1/2
15	10064.04.00015		1	KEYSTOCK,SQUARE 1/4" x1/4" X.9375"
16	128.010	H135891	7	NUT,HEX,FLANGE,STOVERV,CL10 M10
17	1380351		1	FLANGE REINFORCEMENT CLAMP
18	156334	C3994E	2	3 BOLT FLANGETTE, 72 MM BEARING
7&18	1381411		1	3 BOLT FLANGETTES AND 72MM BEARING
19	163.010.035	03M7193	4	BOLT,CARRIAGE,CL8.8 M10X35
20	1380521		1	BEARING CARTRIDGE, SHORT
21	163.010.025	03M7191	4	BOLT, CARRIAGE,CL8.8 M10X25
22	122.010.035	14M7296	3	BOLT,HEX,FLANGE,CL10.9 M10X35
23	1363603		1	DRUM SHAFT
24	158.005.005		2	SCREW,SKT,SET 5/16-18X5/16



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**Drum 10**

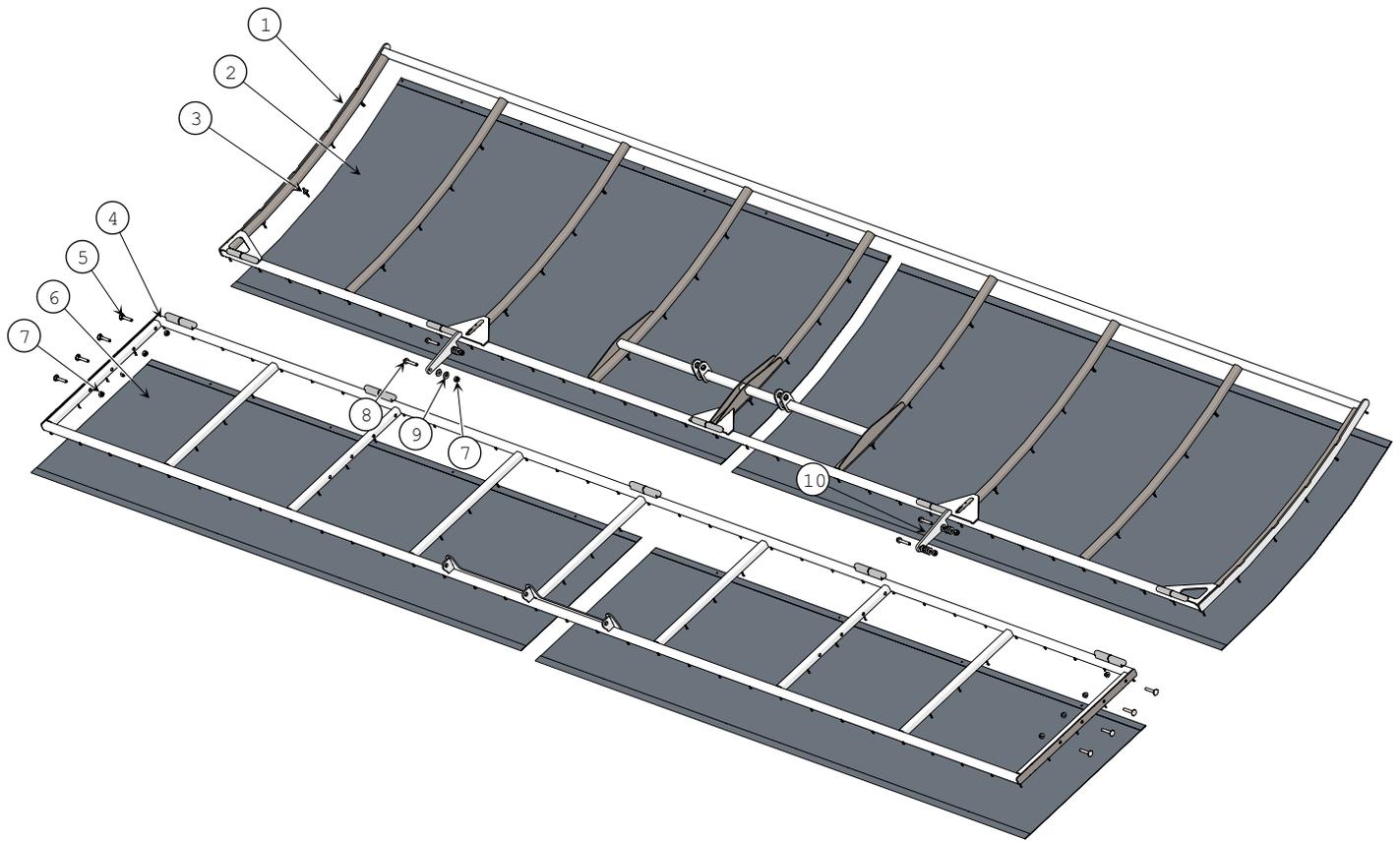


ns\*= not shown

BOM ID	Hillco Part No.	John Deere Part No.	Qty	Description
1	128.010	14M7296	7	NUT,HEX,FLANGE,STOVER,CL10 M10
2	1380351		1	FLANGE REINFORCEMENT CLAMP
3	100548	AZ19427	1	INSERT,BEARING 1-7/16(NON-RLUB) (REQUIRES 156333)
ns*	156333	AZ10020	1	ECCENTRIC COLLAR
4	156334		2	3 BOLT FLANGETTE, 72 MM BEARING
5	1368161		2	BEARING MNT
6	1380571		1	SPLINED SLEEVE MACHINED DOWN, 20T 1-5/16" SPLINED SLEEVE
7	163.010.030	03M7192	4	BOLT,CARRIAGE,CL8.8 M10X30
8	122.010.035	19M7835	3	BOLT,HEX,FLANGE,CL10.9 M10X35
9	156339		1	DRIVE SHAFT half, 1 5/16 20 TOOTH SPLINE
10	1379931		1	FLANGED DRUM
11	122.010.025	19M7785	4	BOLT,HEX,FLANGE,CL10.9 M10X25
12	126.010		4	STOVER,CL10 M10
13	159.012.045	19M8395	4	SCREW,SOCKET HEAD CAP,CL12.9 M12X45MM
ns*	1379751		1	WASHER, SHEAR HUB

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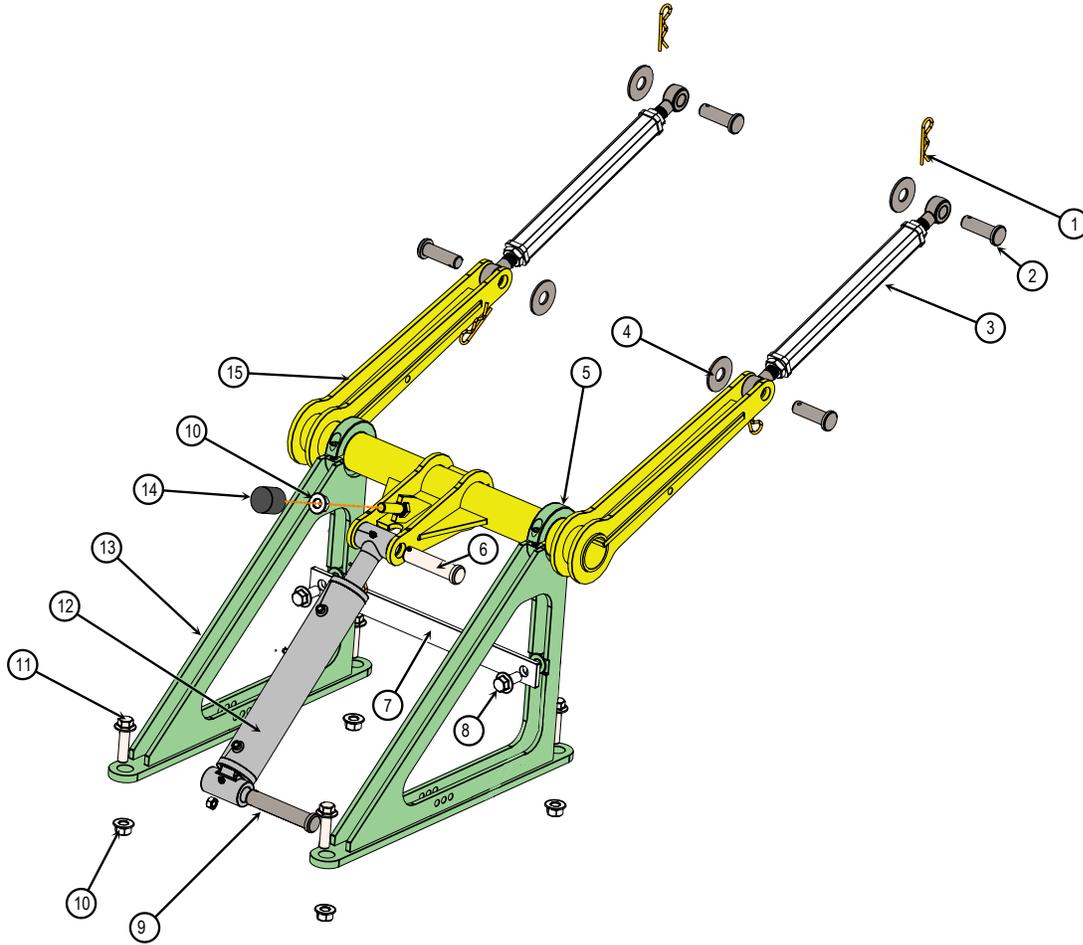
**Deflector**



BOM ID	Hillco Part No.	John Deere Part No.	Qty	Description
1	1362552		1	DEFLECTOR, UPPER, COMPLETE
2	1362622		2	SKIN, UPPER DEFLECTOR
3	156232		102	RIVET, ZINC-PLATED, .65DIA HEAD, 3/16"STEM
4	1362502		1	DEFLECTOR, LOWER
5	163.008.050	14M7298	8	BOLT CARRAIGE, CL8, M8x25MM
6	1362542		2	SKIN, LOWER DEFLECTOR
7	123.008	03M7216	12	NUT, HEX,FLANGE, CL 10.9, M8x1.25
8	122.008.050	19M8319	4	SKIN, LOWER DEFLECTOR
9	105.005		16	WASHER 5/16"
10	1375041		2	DEFLECTOR STOP

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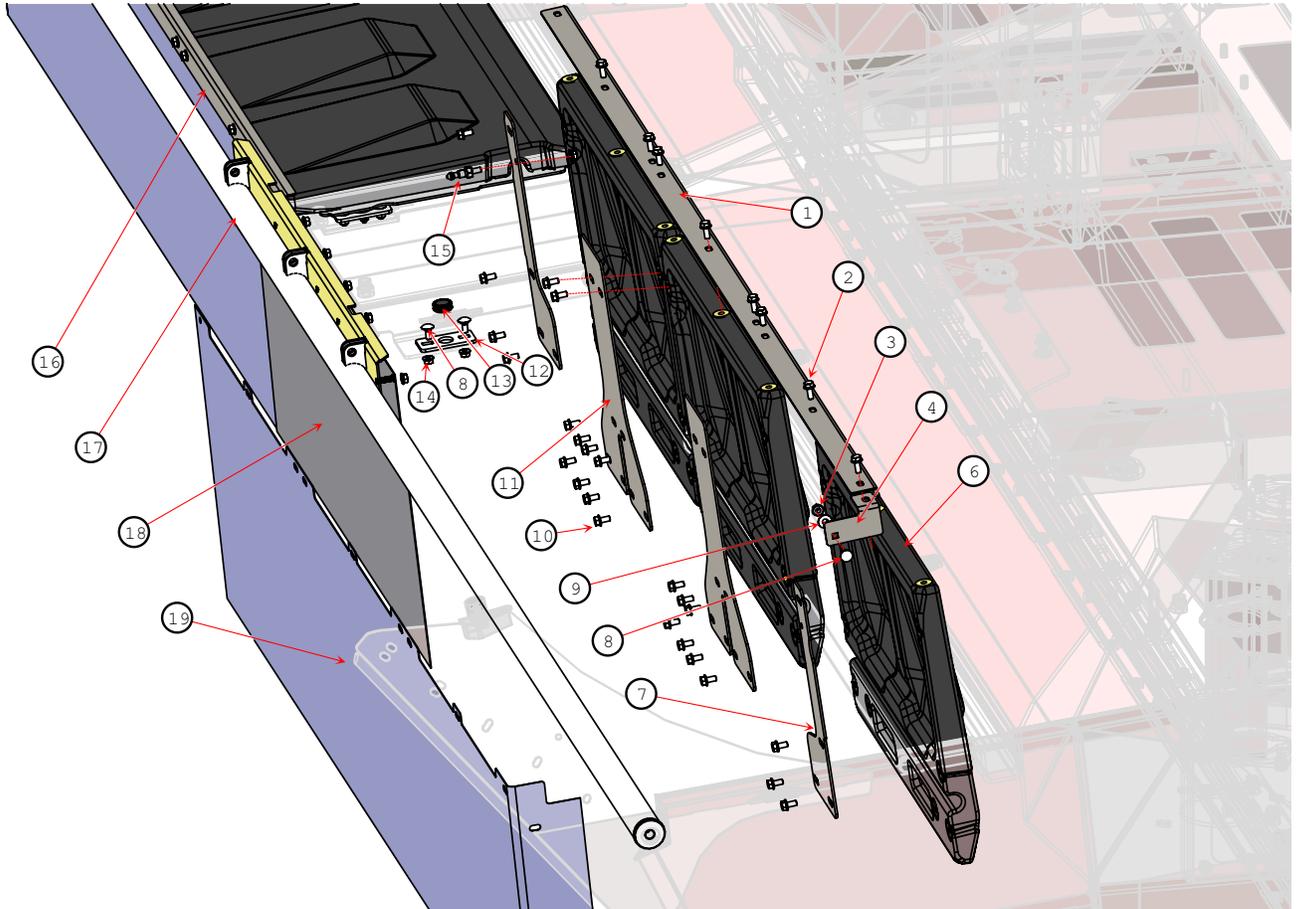
**Deflector Lift**



BOM ID	Hillco Part No.	John Deere Part No.	Qty	Description
1	144.010.038	PM00010	6	PIN,HITCH,CLIP 1/8" X 5/8" EYE DIA X 2-3/8" LENGTH
2	234.16.041		4	PIN, CLEVIS, M16x41MM USABLE LENGTH W/4MM HOLE
3	1375411		2	UPPER LINKAGE
4	105.010		4	WASHER,FLT 5/8
5	156207		2	COLLAR, SHAFT, TWO-PIECE CLAMPING 1-7/8"DIA
6	141.012.044		1	WASHER,3/4"x2-3/4"USABLE LENGTH W/5/32"HOLE
7	1375771		1	STRAP, PIVOT TOWER
8	122.012.025	19M7788	2	BOLT,HX,FL,CL10.9 M12X25
9	141.012.056		1	PIN, CLEVIS 3/4"x3-1/2"USEABLE LENGTH W/5/32" HOLE
10	123.012	14M7299	5	NUT,HX,FL,CL10 M12
11	122.012.045	19M7813	4	BOLT,HX,FL,CL10.9 M12X45
12	155690		1	CYLINDER, 1" ROD, 6" STROKE, 14" CPC
13	1375511		2	PIVOT TOWER
14	156202		1	BUMPER,NEOPRENE, M12x1.75MM,DUROMETER 70A
15	1375441		1	PIVOT ARM

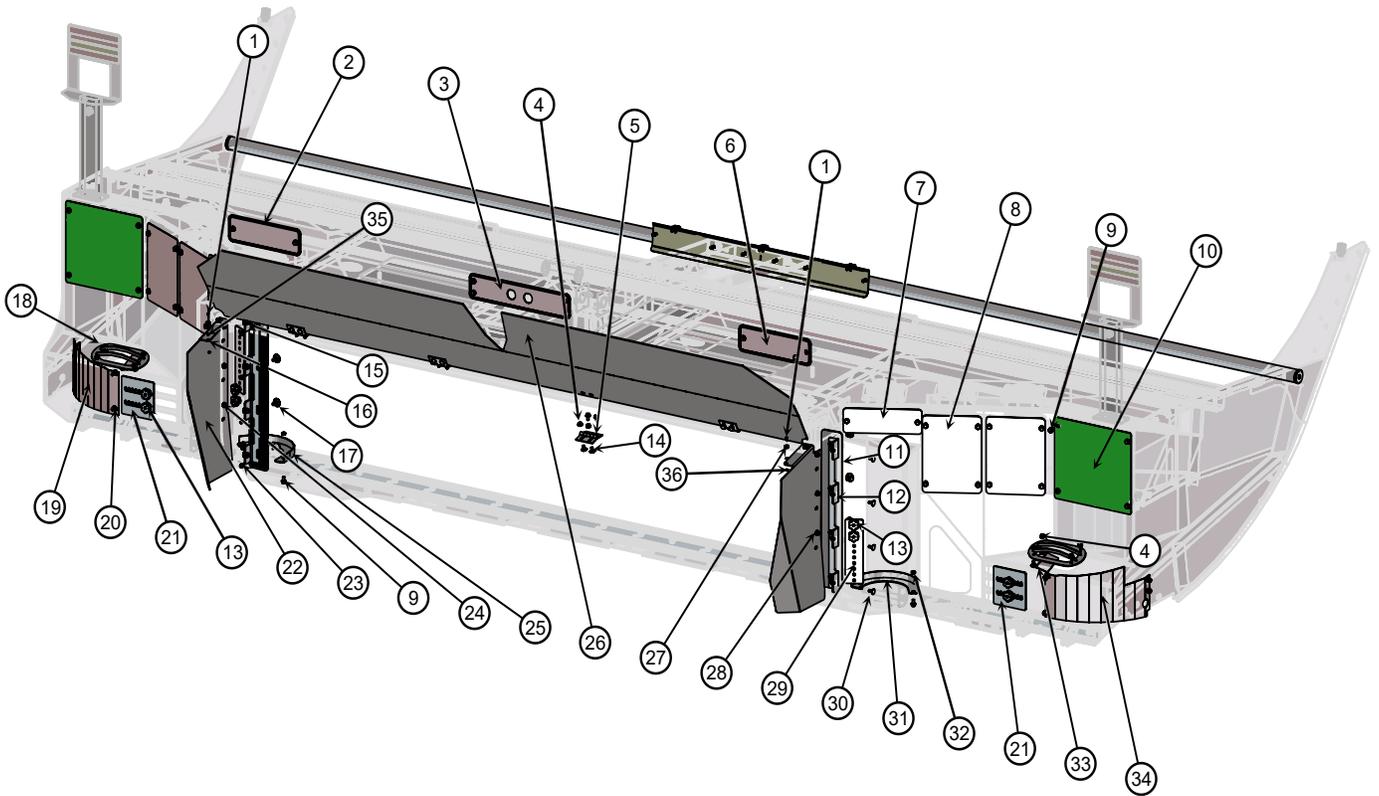
Model SC1500 Specialty Seed Header  
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**Curtains and Doors**



BOM ID	Hillco Part No.	John Deere Part No.	Qty	Description
1	1363101	FH320640	1	CLAMP, LEFT, CURTAIN
2	122.008.020	19M7866	18	BOLT, HEX, FLANGE, CL10.9 M8 X 20MM
3	127.008	14M7400	2	NUT, HEX, FLANGE, NYLOCK, CL10 M8X1.25
4	1363161	FH325310	1	CORNER MOUNT, CURTAIN LEFT
NS*	1363171	FH325311	1	CORNER MOUNT, CURTAIN, RIGHT
6	156162	FH30090	6	DOOR, 2 PANEL
7	1363141	FH324044	4	EDGE SUPPORT, ACCESS PANEL
8	163.008.020	03M7184	6	BOLT, CARRIAGE, CL8.8 M8 X 20MM
9	105.005		4	WASHER, FLAT 5/16
10	122.008.016	19M7865	48	BOLT, HEX, FLANGE, CL10.9 M8 X 16MM
11	1363151	FH10468	4	CENTER SUPPORT, ACCESS PANEL
12	1364001	FH324046	2	GROMMET PLATE
13	156034	M162701	2	GROMMET
14	123.008	14M7298	12	NUT, HEX, FLANGE, CL10 M8
15	156035	FH324047	2	PIN, ANNULAR LOCK PIN
16	1363111	FH320641	1	CLAMP, RIGHT, CURTAIN
17	1373841		1	FRONT BRACE
18	156040	FH325585	1	SHIELD, (CENTER CURTAIN)
19	156039	FH325586	2	SHIELD, (LH & RH CURTAIN)

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**Shields**



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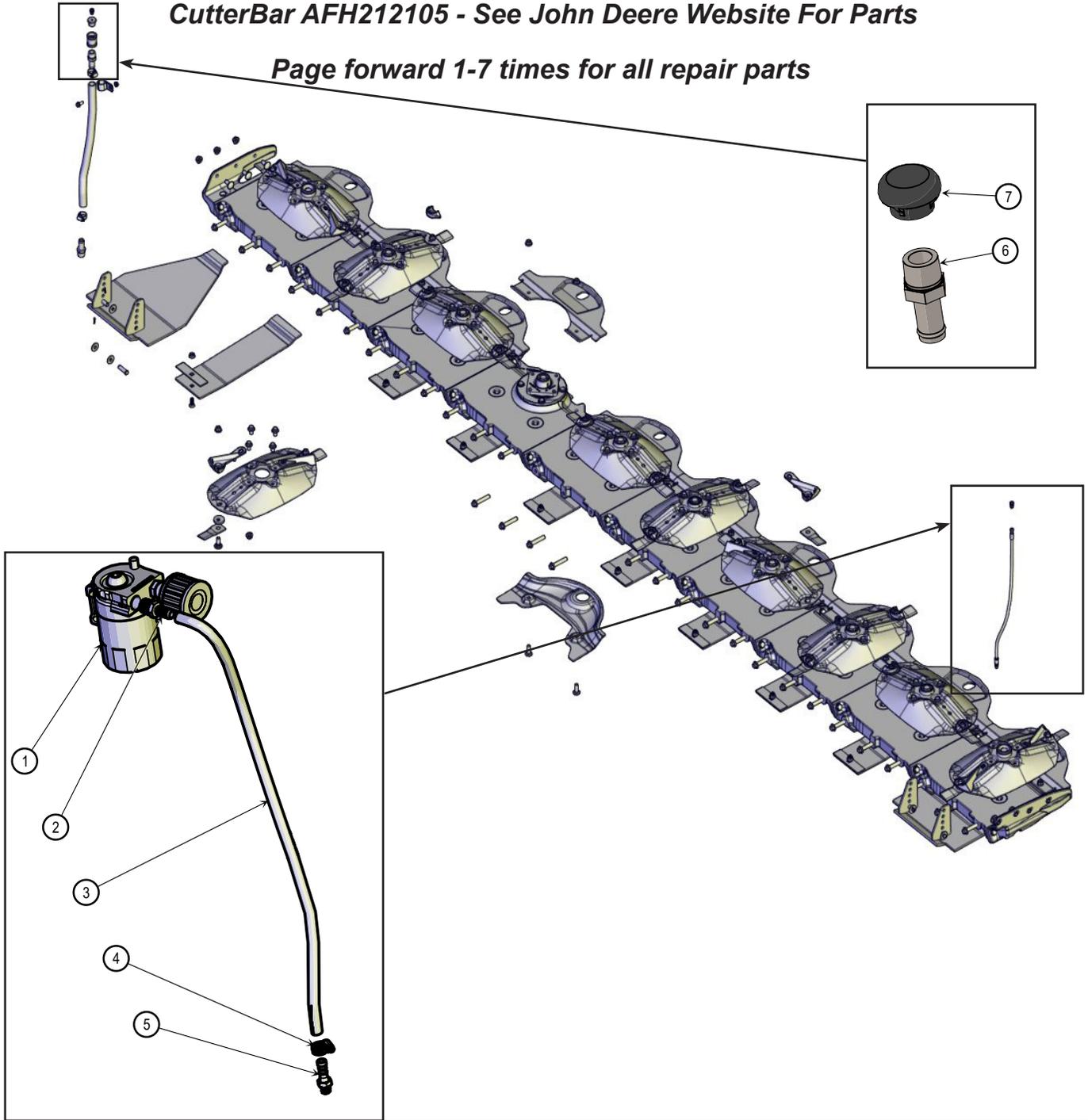
**Shields**

BOM ID	Hillco Part No.	John Deere Part No.	Qty	Description
1	114.#06.008		2	SCREW,PHM,CH 6-32X1/2
2	1376321		2	ACCESS PANEL, ROLLING GUIDE
3	1376291		1	ACCESS DOOR, CONTROLLER
4	123.008	14M7298	20	NUT, HEX, FLANGE, CL10 M8
5	156031	AE42346	4	HINGE
6	1364192		1	ACCESS PANEL, ROLLING GUIDE
7	1368092		2	TALL DRUM ACCESS DOOR
8	1368102		4	MIDDLE DRUM ACCESS DOOR
9	163.008.020	03M7184	52	BOLT, CARRIAGE, CL8.8 M8 X 20MM
10	1363342		2	OUTER DRUM ACCESS DOOR
11	1369272		2	FLAP, UHMW, BLACK 3/16-10062
12	1369262		2	FLAP MOUNT
13	156177		8	KNOB, PLASTIC, SIX ARM GRIP
14	163.008.016	03M7183	8	BOLT, CARRIAGE, CL8.8 M8 X 16MM
15	128.008	14M7298	15	NUT,HX,FL,STV,CL10 M8 X 1.25
17	157.005.016	19H1905	8	BOLT, ELEVATOR, 5/16-18 X 1"L
18	1379271		2	INLET GRATE
19	1359351		1	CORNER WALL, LEFT
20	163.008.025	03M7185	2	BOLT,CARRIAGE,CL8.8 M8 X 25MM
21	1379281		2	OUTER DAMPER
22	1367871		1	CHUTE SHIELD, LEFT
23	187.005	K40002	8	NUT, HEX, NYLOCK, GR8 5/16
24	122.008.020	19M7866	7	BOLT, HEX, FLANGE, CL10.9 M8 X 20MM
25	1374592		1	FENCE, LEFT
26	1363422		1	REAR SHIELD
27	156032		2	BUMPER,UNTHREADED, TAPERED RND, 43/64"ODx1/4"HIGH
28	1367911		1	CHUTE SHIELD, RIGHT
29	1368083		2	INNER DAMPENER
30	163.008.020	03M7184	19	BOLT, CARRIAGE, CL8.8 M8 X 20MM
31	1374622		1	FENCE, RIGHT
32	123.008	14M7298	2	NUT, HEX, FLANGE, CL10 M8
33	1376331		2	DEFLECTOR, GRATE
34	1359361		1	CORNER WALL,RIGHT
35	264.008		2	STAINLESS STEEL INTERNAL TOOTH LOCK WASHER
36	119.#06		2	NUT, HEX, FLANGE, SERRATED 6-32

**CutterBar and Catch Can**

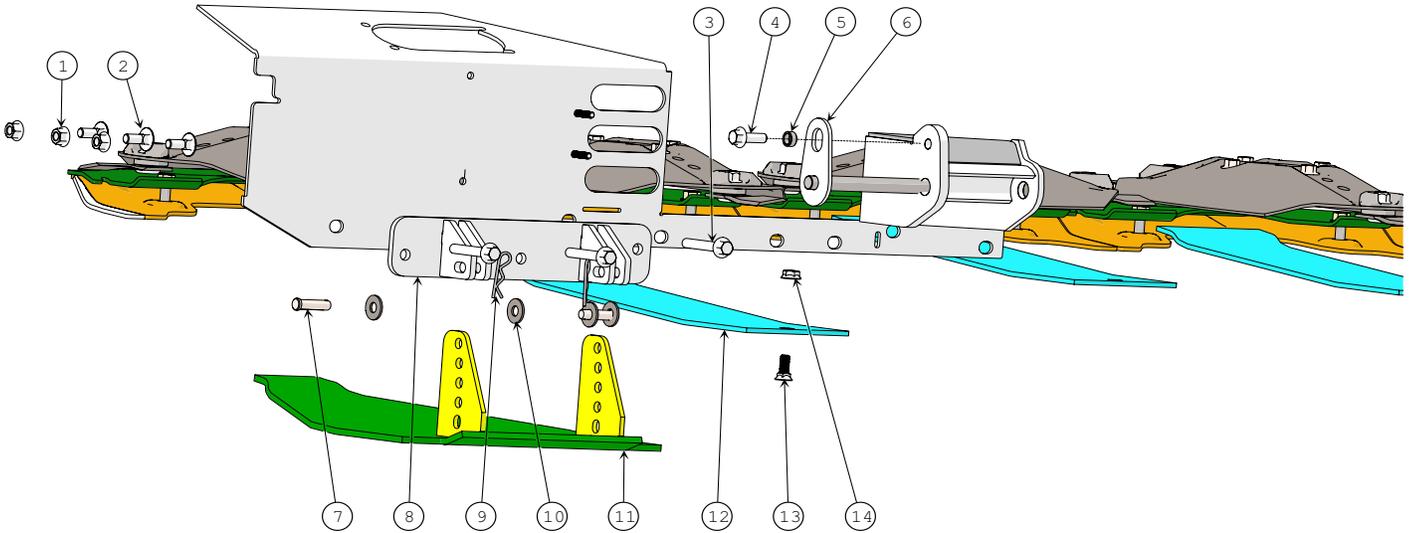
**CutterBar AFH212105 - See John Deere Website For Parts**

**Page forward 1-7 times for all repair parts**



BOM ID	Hillco Part No.	Qty	John Deere Part No.	Description
1	156289	1		OIL CATCH CAN
2	1090.06.06	1		BARBED HOSE FITTING FOR CHEMICALS AND PETROLEUM
3	10318.00615	1		BUNA-N RUBBER; 3/8"ID x 24-1/4"L
4	156294	1		WORM-DRIVE, 7/32" TO 5/8"
5	1090.02.06	1		1/8"NPT x 3/8"BARB STR
6	156058	1	H33801	FITTING,HOSE,STR,M19X-12MBARB
7	156286	1		VENT, BREATHER, WEATHER RESISTANT, 3/4NPT

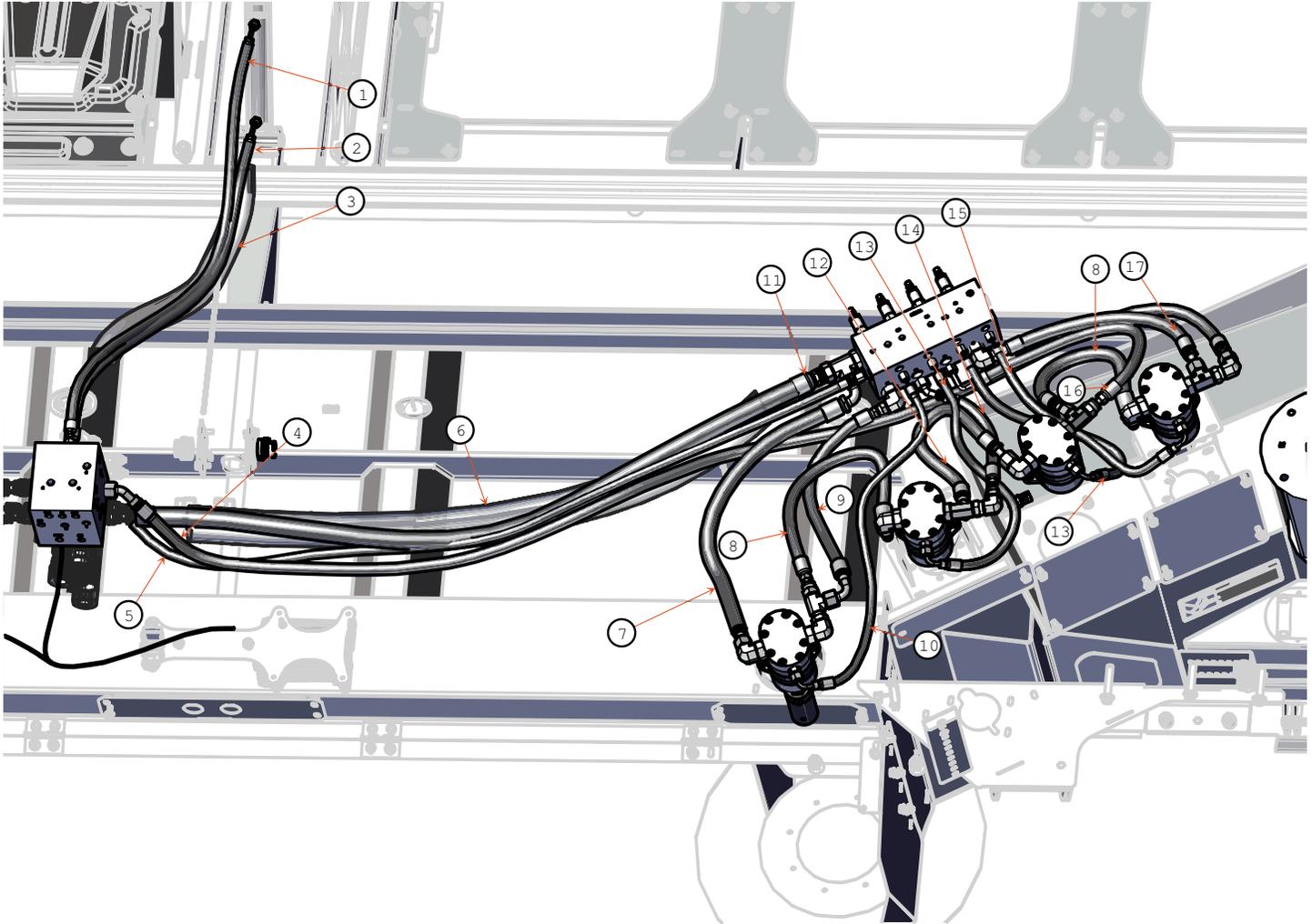
Model SC1500 Specialty Seed Header  
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BOM ID	Hilco Part No.	Qty	John Deere Part No.	Description
1	123.012	3		NUT,HEX,FLANGE,CL10 M12
2	163.012.030	3		BOLT,CARRAIGE,CL8.8 M12X30MM
3	122.012.075	3		BOLT, HEX,FLANGE, CL 10.9 M12X75MM
4	122.012.035	1		BOLT,HEX,FLANGE,CL10.9 M12X35MM
5	1364061	1		BUSHING, LIFT PIN
6	1367981	1		LIFT PIN
7	141.008.028	4		PIN, CLEVIS 1/2 X 1.75"
8	1380611	1		SKID PLATE MOUNT
9	144.010.038	4		PIN,HITCH,CLIP 1/8" X 5/8" EYE DIA X 2-3/8" LENGTH
10	105.008	8	24M7047	WASHER,FLAT 1/2"
11	156060	1	AE56948	SHOE GAUGE
12	156061	8	FH312151	PLATE, SKID,
13	244.007.020	1		BOLT,PLOW, #3 SQUARE-NECK 7/16-14x1-1/4"
14	119.007	1		NUT,HEX,FLANGE,SERRATED 7/16-14

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**Hydraulic Hoses (Right)**



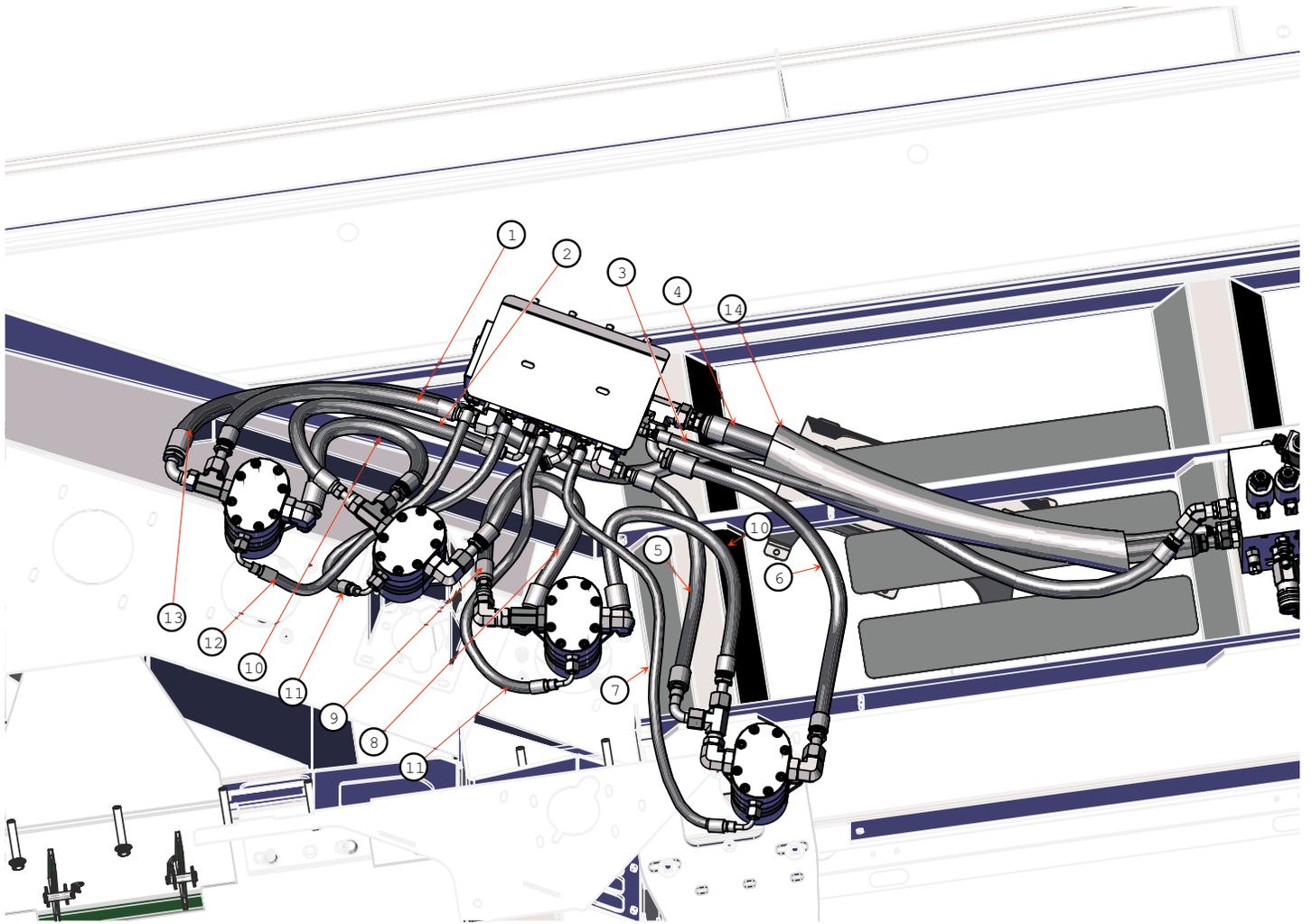
Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999

**Hydraulic Hoses (Right)**

BOM ID	Hillco Part No.	HoseDescription	Qty	Description
1	1377571	ROD PORT OF DEFLECTOR CYL TO "A" PORT OF CENTER MANIFOLD	1	100R17AR-04x43-1/2"; -04FORS STR x - 04FORS 90°D21MM
2	1377561	BASE PORT DEFLECTOR CYL TO "B" PORT CENTER MANIFOLD	1	100R17AR-04x35-1/2";-04FORFS STR x- 04FOFS 90°D21MM
3	10115.00512	XAS-B-35	1	SLEEVE, ABRASION, 2.19IDX32",NYLON
4	1368443	CONNECTS CENTER MANIFOLD "P" PORT TO THE #9 MOTOR "P" PORT	1	100R17AR-10x99";-10FORS STR x - 10FORS 45°
5	1368433	CONNECTS CENTER MANIFOLD "CD3" PORT TO RIGHT MANIFOLD "CD" PORT	1	100R17AR-10x99";-10FORS STR x - 10FORS 45°
6	10123.00864	XAS-B-35	1	SLEEVE, ABRASION 2.80ID X 54", NYLON
7	1376051	CONNECTS #6 MOTOR RETURN TO RIGHT MANIFOLD RETURN TEE	1	100R17AR-10x25-1/2" -10FORS STR X- 12FORS 90°D48MM
8	1368223	CONNECTS #6 MOTOR "P" TEE TO #7 MOTOR "T" PORT	1	100R17AR-10x23" -10FORS STR X - 10FORS 90°D32MM
8	1368223	CONNECTS #8 MOTOR "P" TEE TO #9 MOTOR "T" PORT	1	100R17AR-10x23" -10FORS STR X - 10FORS 90°D32MM
9	1379421	CONNECTS MOTOR 6 "P" TEE TO RIGHT MANIFOLD "P4"	1	100R17-10x20-1/2,-8FORS STR x- 10FORS90°D32MM
10	1376081	CONNECTS MOTOR 6 CD TO RIGHT MANIFOLD CD4 PORT	1	100R17AR-04x36";-06FORS STRx- 06FORS 90°D23mm
11	1368424	CONNECTS RIGHT MANIFOLD R PORT TO CENTER MANIFOLD R2 PORT	1	100R17AR-12x63";-10FORS STR x - 12FORS STR
12	1379391	CONNECTS MOTOR 7 "P" TEE TO MOTOR 8 "T" PORT	1	100R17AR-10x22-1/2",-10FORS STR x - 10FORS 45°
13	1368303	CONNECTS MOTOR 8 "CD" PORT TO RIGHT MANIFOLD "C2" PORT	1	100R17AR-4x21"; -6FORS STR x - 6FORS90°D23MM
13	1368303	CONNECTS MOTOR 7 "CD" PORT TO RIGHT MANIFOLD "C3" PORT	1	100R17AR-4x21"; -6FORS STR x - 6FORS90°D23MM
14	1379411	CONNECTS MOTOR 7 "P" TEE TO RIGHT MANIFOLD "P3"		100R17AR-8x15-1/2",-10FORS STR x- 8FORS 45°
15	1368303	CONNECTS MOTOR 9 "CD" TO RIGHT MANIFOLD "C1"		100R17AR-4x21"; -6FORS STR x - 6FORS90°D23MM
16	1379401	CONNECTS MOTOR 8 "P" TEE TO RIGHT MANIFOLD "P2"		100R17AR-8x24-1/2",-10FORS STR x- 8FORS 90° D64mm
17	1376022	CONNECTS MOTOR 9 "P" TEE TO RIGHT MANIFOLD "P1"		100R17AR-08x21-1/2",-08FORS STRx- 10FORS STR

Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999

**Hydraulic Hoses (Left)**



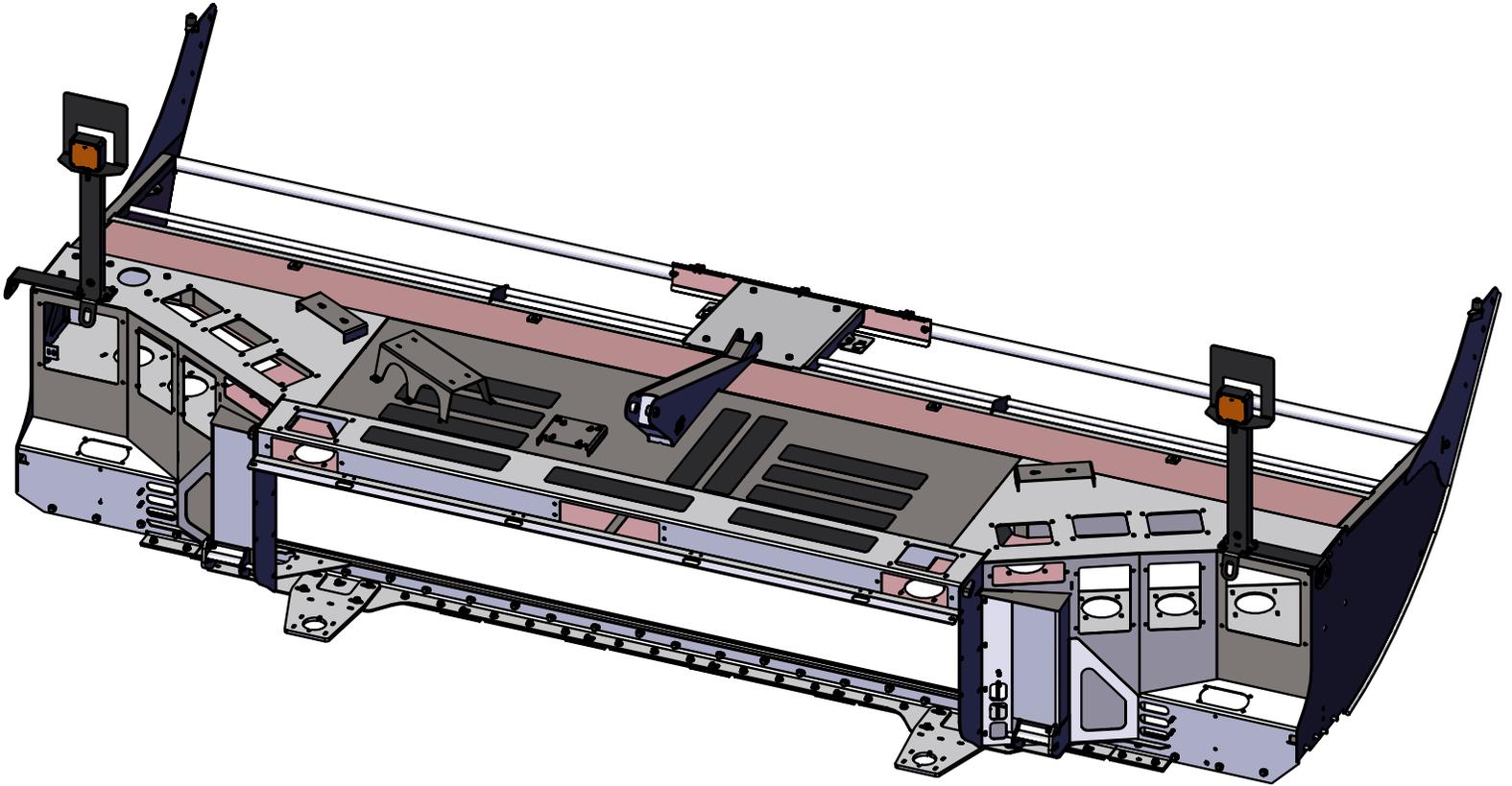
Model SC1500 Specialty Seed Header  
 For Serial Numbers SC1500-24001 thru SC1500-24999

**Hydraulic Hoses (Left)**

Hydraulic Hoses (Left)				
BOM ID	Hillco Part No.	HoseDescription	Qty	Description
1	1376022	CONNECTS MOTOR 2 "P" PORT TO LEFT MANIFOLD "P1" PORT	1	100R17AR-08x21-1/2",-08FORS STRx-10FORS STR
2	1379401	CONNECTS MOTOR 3 "P" TEE TO LEFT MANIFOLD "P2" PORT	1	100R17AR-8x24-1/2",-10FORS STR x-8FORS 90° D64mm
3	1368393	CENTER MANIFOLD "CD1" PORT TO LEFT MANIFOLD "CD" PORT	1	100R17AR-4x38-1/2",-6FORS STR x -6FORS STR
4	1368404	CONNECTS MANIFOLD "R" PORT TO CENTER MANIFOLD "R" PORT	1	100R17AR-12x35-1/2",-10FORS STR x -12FORS STR
5	1379421	CONNECTS MOTOR 5 "P" TEE TO LEFT MANIFOLD "P1"	1	100R17-10x20-1/2",-8FORS STR x-10FORS90°D32MM
6	1376051	CONNECTS #5 MOTOR RETURN TO LEFT MANIFOLD "R4" PORT	1	100R17AR-10x25-1/2" -10FORS STR X-12FORS 90°D48MM
7	1376081	CONNECTS MOTOR 5 "CD" TO LEFT MANIFOLD "CD4" PORT	1	100R17AR-04x36",-06FORS STRx-06FORS 90°D23mm
8	1379391	CONNECTS MOTOR 3 "T" TO MOTOR 4 "P" TEE	1	100R17AR-10x22-1/2",-10FORS STR x -10FORS 45°
9	1379411	CONNECTS MOTOR 4 "P" TEE TO LEFT MANIFOLD "P2"	1	100R17AR-8x15-1/2",-10FORS STR x-8FORS 45°
10	1368223	CONNECTS MOTOR 2 "T" PORT TO MOTOR 3 "P" TEE	1	100R17AR-10x23" -10FORS STR X -10FORS 90°D32MM
10	1368223	CONNECTS MOTOR 4 "T" PORT TO MOTOR 5 "P" TEE	1	100R17AR-10x23" -10FORS STR X -10FORS 90°D32MM
11	1368303	CONNECTS MOTOR 3 "CD" TO LEFT MANIFOLD "C2" PORT	2	100R17AR-4x21"; -6FORS STR x -6FORS90°D23MM
11	1368303	CONNECTS MOTOR 4 "CD" TO LEFT MANIFOLD "C3" PORT	2	100R17AR-4x21"; -6FORS STR x -6FORS90°D23MM
12	1368303	CONNECTS MOTOR 2 "CD" TO LEFT MANIFOLD "C1" PORT	1	100R17AR-4x21"; -6FORS STR x -6FORS90°D23MM
13	1368413	CONNECTS CENTER MANIFOLD "P1" PORT TO MOTOR 2 "P" TEE	1	100R17AR-10x77",-10FORS STR x -10FORS 90°D32MM
14	10123.00512	XPS-B-45	1	SLEEVE, ABRASION 2.80ID X 32" NYLON

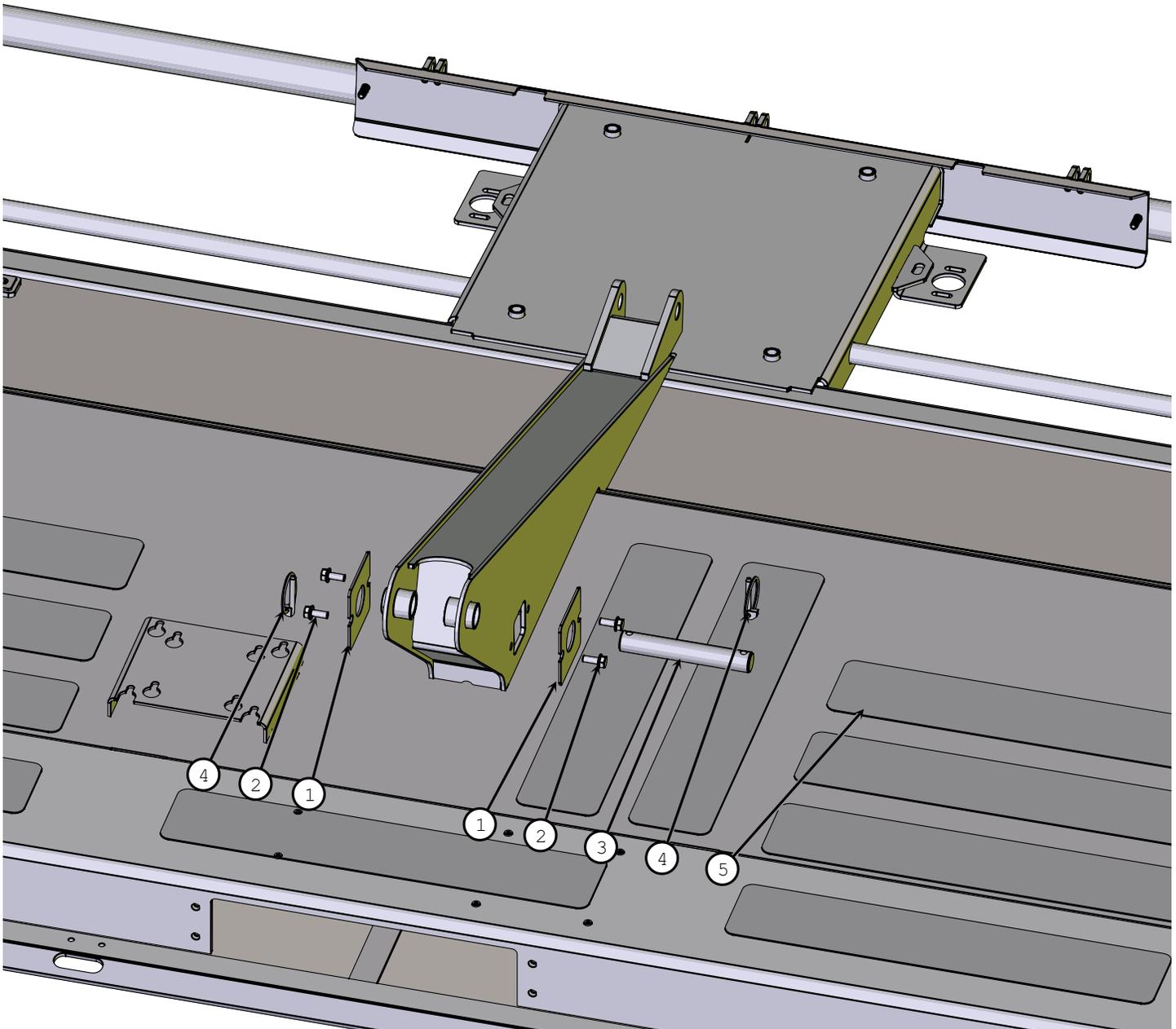
Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999

**Frame**



Model SC1500 Specialty Seed Header  
 For Serial Numbers SC1500-24001 thru SC1500-24999

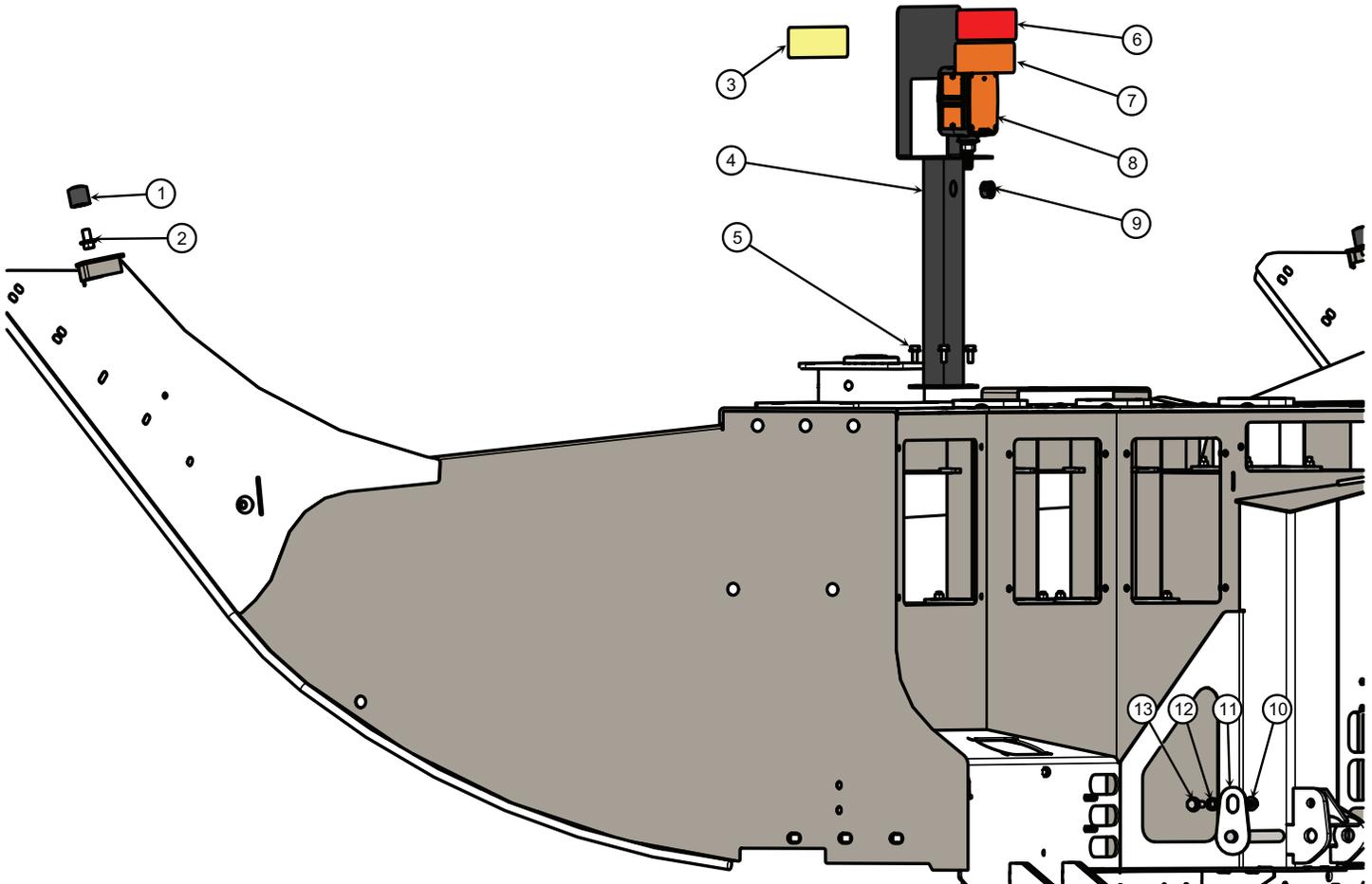
**Frame (Center)**



BOM ID	Hillco Part No.	Qty	John Deere Part No.	Description
1	1376131	2		PANEL MNT
2	122.008.020	4	19M7866	BOLT,HEX,FLANGE,CL10.9 M8X20
3	1368031	1	FH324360	PIN, TOP LINK
4	156044	1	AA21292	PIN, QUICK LOCK
5	10262.064.336	11		STICKER, NON SKID, 4" WIDE X 21" LONG

Model SC1500 Specialty Seed Header  
 For Serial Numbers SC1500-24001 thru SC1500-24999

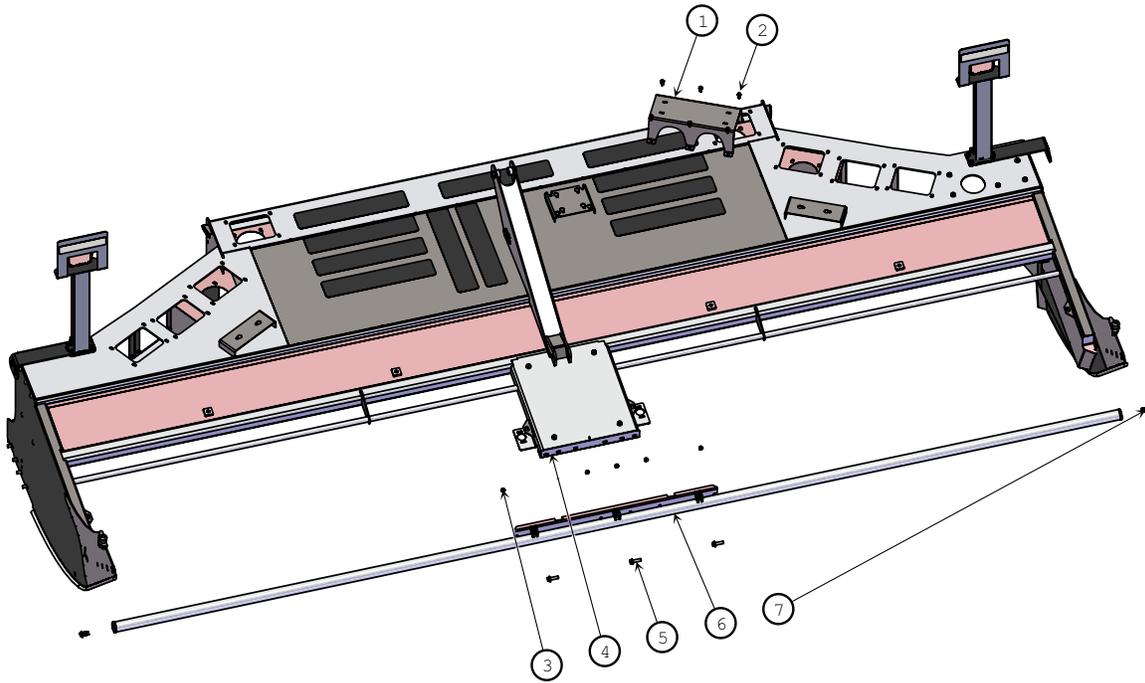
**Frame (Left and Right)**



BOM ID	Hillco Part No.	Qty	John Deere Part No.	Description
1	156202	1		BUMPER,NEOPRENE, M12x1.75MM, DUROMETER 70A
2	122.012.020	1	19M7787	BOLT, HEX, FLANGE, CL10.9 M12X20MM
3	1347441	1		STICKER, YELLOW, 2"X9"
4	1367821	1		WARNING LIGHT STAND
5	122.008.020	4	19M7866	BOLT,HEX, FLANGE, CL10.9 M8X20MM
6	1347431	1		STICKER, RED, 2"X9"
7	1347451	1		STICKER, RED/ORANGE, 2"X9"
8	156030	1	AFH213195	LAMP, WARNING
9	156029	1		GROMMET, EXPANDABLE LOCKING 1"
10	123.010	1	14M7296	NUT, HEX, FLANGE, CL10 M10
11	1367981	1		LIFT PIN
12	1364061	1		BUSHING, LIFT PIN
13	122.010.035	1	19M7835	BOLT, HEX, FLANGE, CL10.9 M10X35
*NS	1380531	2		HAZARD LIGHT,NEOPRENE, VIBRATION DAMPENER

Model SC1500 Specialty Seed Header  
 For Serial Numbers SC1500-24001 thru SC1500-24999

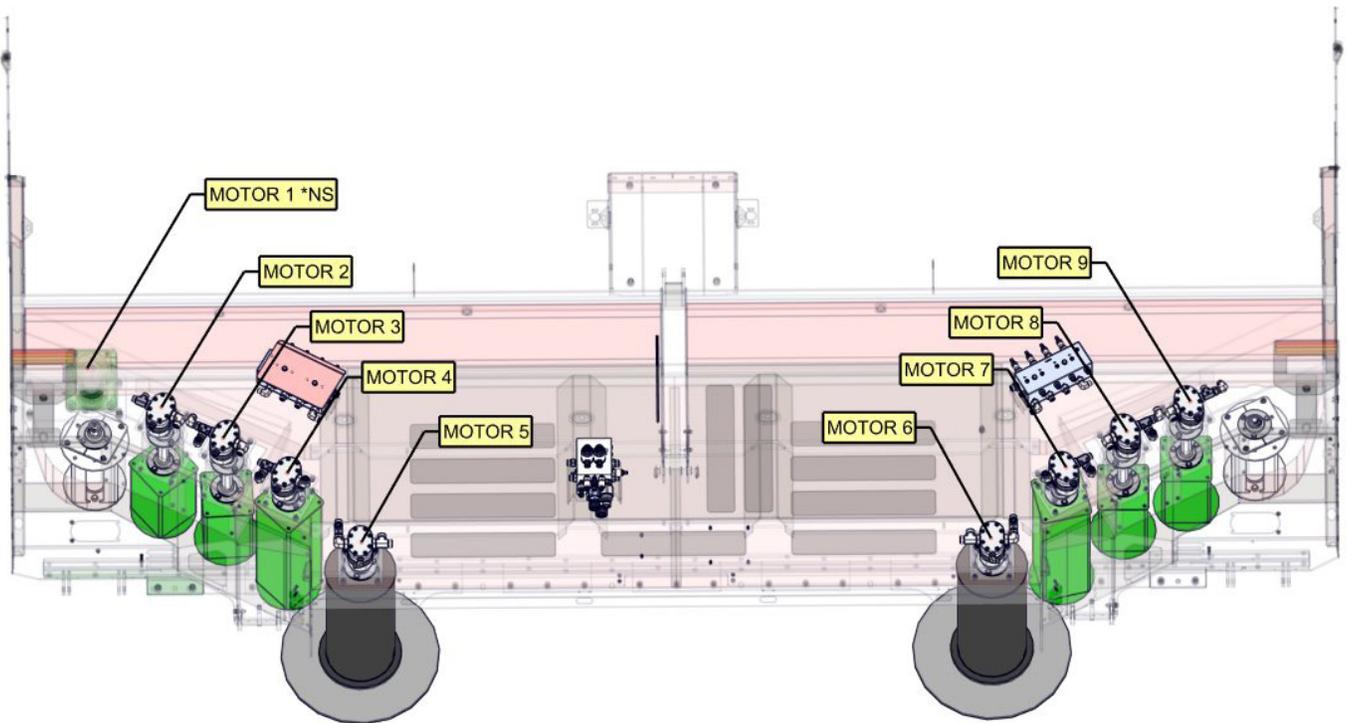
**Frame (Front)**



BOM ID	Hillco Part No.	Qty	John Deere Part No.	Description
1	258.005.016	6		SCREW, HEX, SELF-DRILLING, 5/16-18x1"
2	1377541	1		HOSE CHANNEL
3	123.008	6	14M7298	NUT, HEX,FL, CL 10.9, M8x1.25
4	1373841	1		FRONT BRACE
5	122.012.040	3	19M7791	BOLT,HEX,FLANGE,CL10.9 M12X40MM
6	1368923	1		FRAME
7	206.016.030	2		SCREW, BHSC, CL12.9 M16X30MM

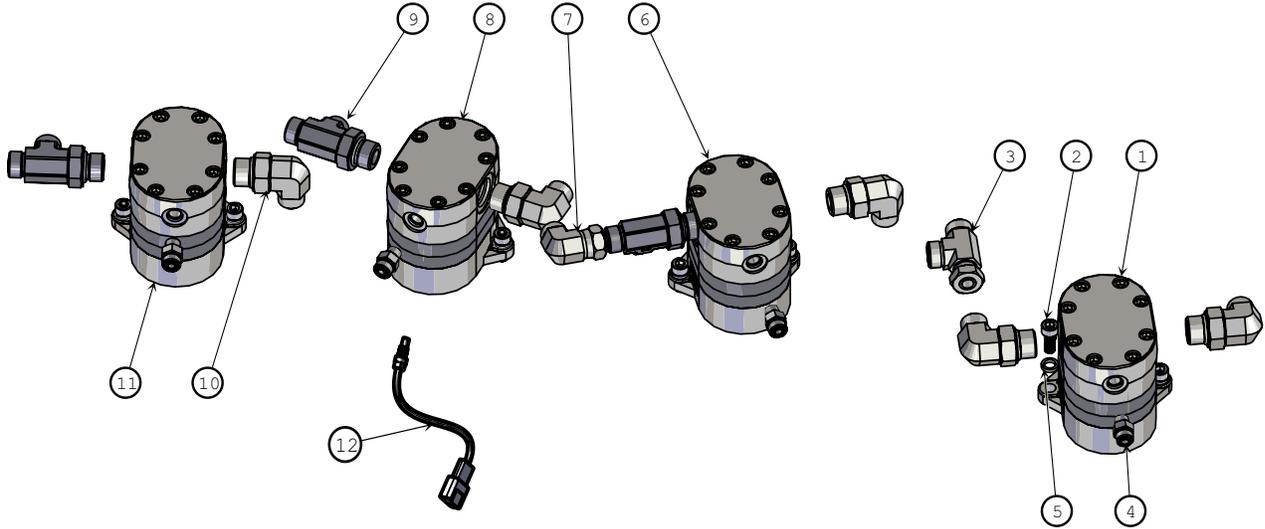
Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999

**Hydraulic Motors**



Model SC1500 Specialty Seed Header  
 For Serial Numbers SC1500-24001 thru SC1500-24999

**Left Motors And Fittings**

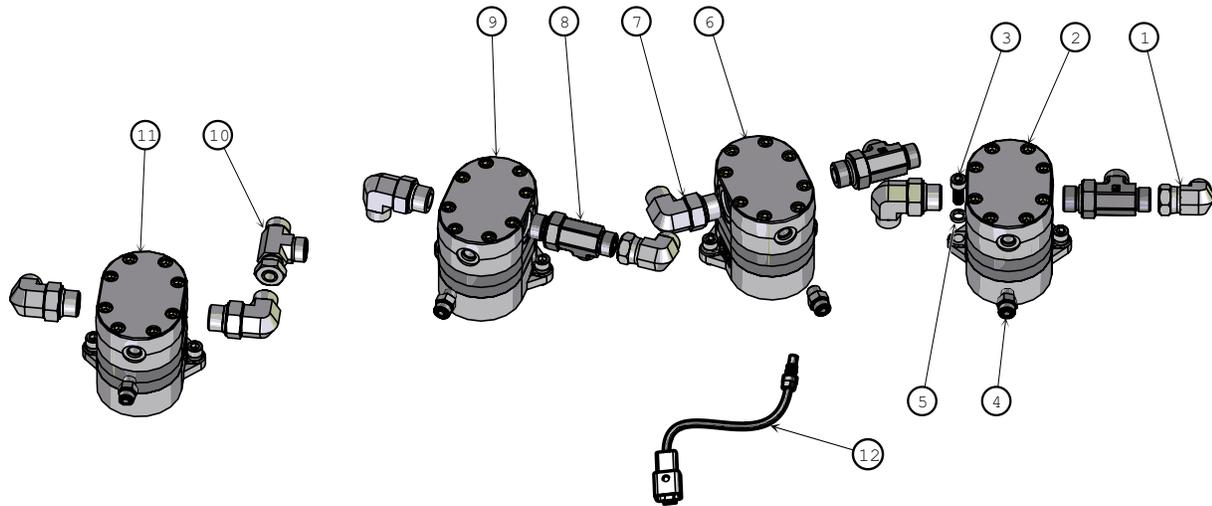


BOM ID	Hillco Part No.	John Deere Part No.	Qty	Description
1	156071	99JD70421	1	MOTOR HYD, 32CC, D SERIES
2	135.007		8	WASHER,LCK,HIGH COLLAR 7/16
3	1008.10		1	HA,TEE,SWV,NUT,RUN -10 ORFS
4	1001.06.06		4	HA, STR -6MORB X -6MORFS
5	237.010.025	19M9704	8	SCREW,SHC,CL12.9 M10 X 1.5 X 25
6	156070	99JD70422	1	MOTOR HYD, 25CC, D SERIES
7	1006.10.10		1	HA, 90°, -10FORFS X -10MORFS
8	156164		1	MOTOR HYD, 21CC, DSERIES W/SPEED SENSOR
9	1007.12.10		3	HA TEE, STR,THD,RUN,-12ORBx-10ORS
10	1003.12.10		5	HA, 90° -12MORB X 10MORFS
11	155945	99JD70423	1	MOTOR HYD, 21CC, D SERIES
12	156275		1	D SERIES HALL EFFECT SPEED SENSOR
*ns		99JD70424		"D" SERIES MOTOR SEAL KIT

\*ns = not shown

Model SC1500 Specialty Seed Header  
 For Serial Numbers SC1500-24001 thru SC1500-24999

**Right Motors And Fittings**

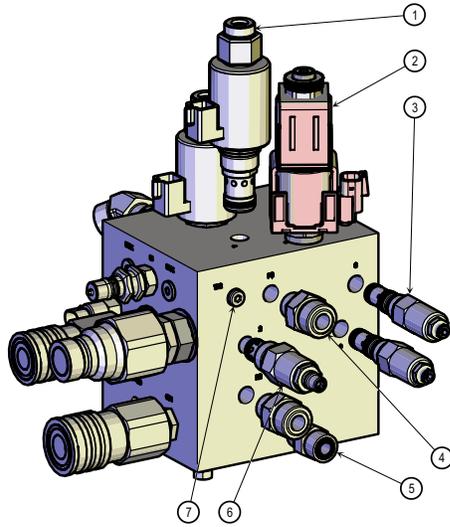


BOM ID	Hillco Part No.	John Deere Part No.	Qty	Description
1	1006.10.10		2	HA, 90°, -10FORFS X -10MORFS
2	155945	99JD70423	1	21CC, D SERIES (83036100)
3	237.010.025	19M9704	8	SCREW,SHC,CL12.9 M10 X 1.5 X 25
4	1001.06.06		4	HA, STR -6MORB X -6MORFS
5	135.007		8	WASHER,LCK,HIGH COLLAR 7/16
6	156164		1	MOTOR HYD, 21CC, DSERIES W/SPEED SENSOR
7	1003.12.10		5	HA, 90° -12MORB X 10MORFS
8	1007.12.10		3	HA TEE, STR,THD,RUN,-12ORBx-10ORS
9	156070	99JD70422	1	MOTOR HYD, 25CC, D SERIES
10	1008.10		1	HA,TEE,SWV,NUT,RUN -10 ORFS
11	156071	99JD70421	1	MOTOR HYD, 32CC, D SERIES
12	156275		1	D SERIES HALL EFFECT SPEED SENSOR
*ns		99JD70424		"D" SERIES MOTOR SEAL KIT

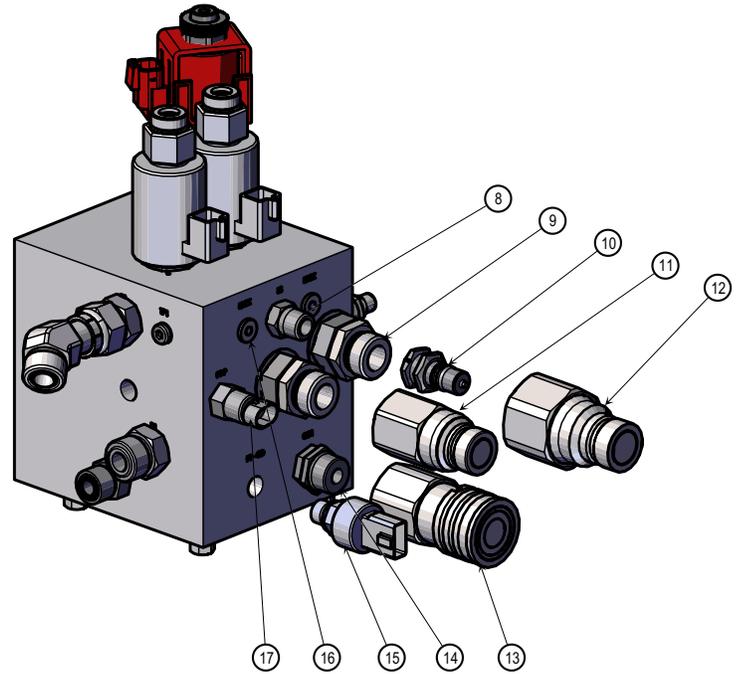
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Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999

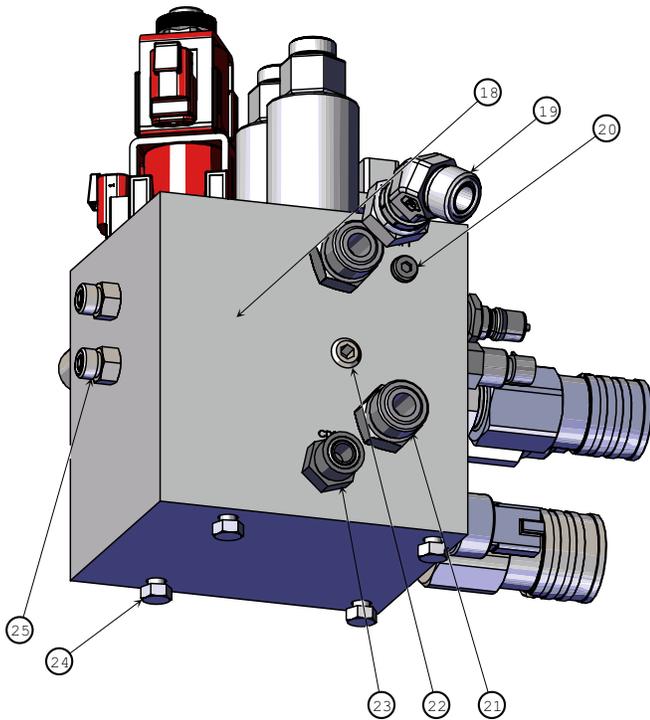
**Center Manifold**



**Right and Top**



**Rear**



**Left and Front**

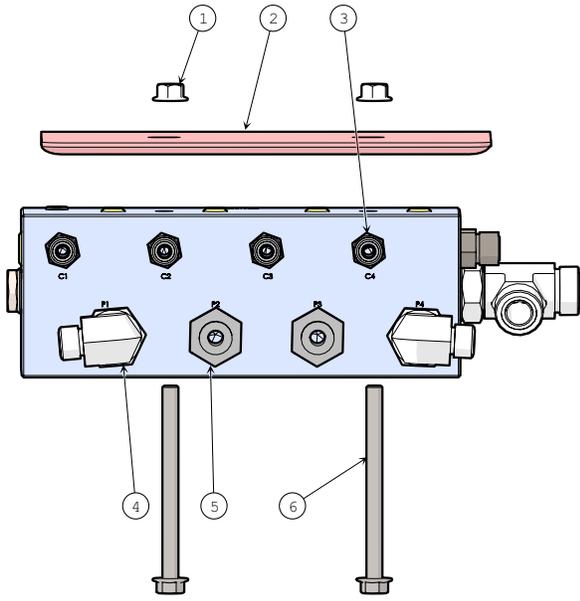
Model SC1500 Specialty Seed Header  
 For Serial Numbers SC1500-24001 thru SC1500-24999

**Center Manifold**

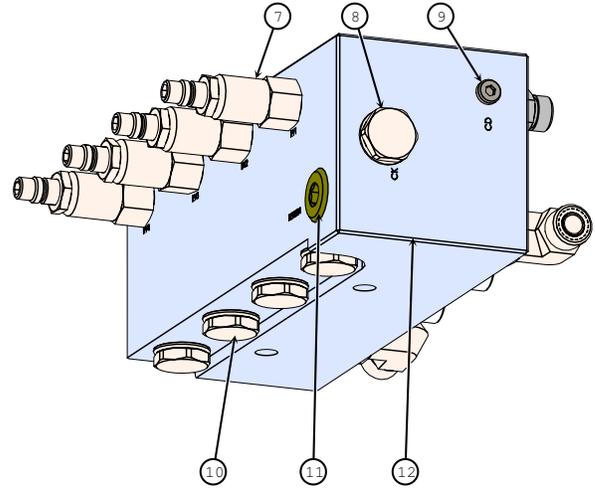
BOM ID	Hillco Part No.	Qty	John Deere Part No.	Description
1	156124	2	99JD71506	VALVE, PROPORTIONAL, FLOW CONTROL
2	156126	1	99JD71519	VALVE, SOLENOID, DIRECTING ACTING, 3-POS, 5-WAY
3	156128	2	99JD71531	VALVE, LOAD CHECK,3 PORTED,
4	1001.08.10	2		HA, STR -8MORB X -10MORFS
5	1001.08.06	1		HA, STR -8MORB X -6MORFS
6	156125	1	99JD71508	VALVE, RELIEF, PILOT OPERATED, 3KPSI
7	1019.04	1	99JD71523	PLUG, SKT, HD -4ORB
8	1027.04.06	1		STRAIGHT -4MORB X -6MORB
9	1027.12.12	2		STRAIGHT -12MORB X -12MORB
10	156118	1		COUPLING PLUG HYD, QUICK 1/4" BODY, -6ORB
11	156115	1		COUPLER COUPLING, HYD QUICK, -12FORB
12	156113	1		COUPLER PLUG,HYD,QUICK,-12FORB
13	156116	1		COUPLER COUPLING, HYD QUICK,-10FORB
14	1027.08.10	1		STRAIGHT -8MORB X -10MORB
15	156132	1	AXE16689	TRANSDUCER, OIL PRESSURE
16	156127	2	99JD71507	VALVE, CHECK, REVERSE FLOW,CP104-1
17	156131	1	RE204264	SENSOR, OIL PRESSURE
18	1372871	1	99JD71522	CENTER MANIFOLD
19	1005.10.10	1		HA 45° -10MORS -10FORS
20	1019.04	2	99JD71523	PLUG, SKT, HD -4ORB
21	1001.08.10	2		HA, STR -8MORB X -10MORFS
22	1019.06	1		HA,PLUG,SKT,HD -6ORB
23	1001.08.06	1		HA, STR -8MORB X -6MORFS
24	101.005.012	4		BOLT, HEX, GR5, 5/16-18 X 34
25	1001.04.04	2		HA, STR -4MORB X -4MORFS

Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999

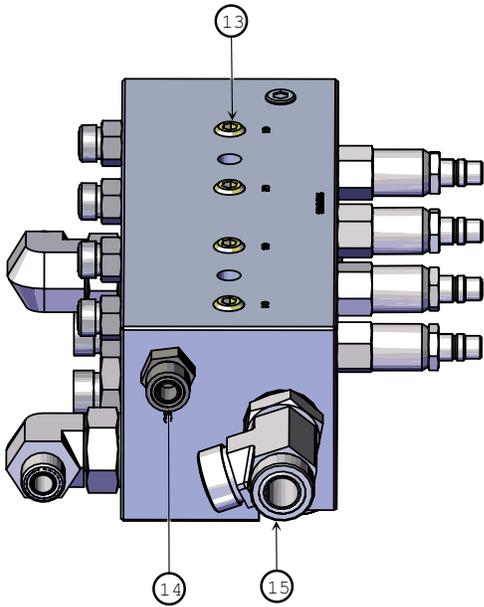
**Left Manifold**



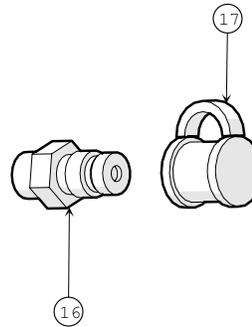
**Rear**



**Left, Bottom, and Front**



**Right and Top**

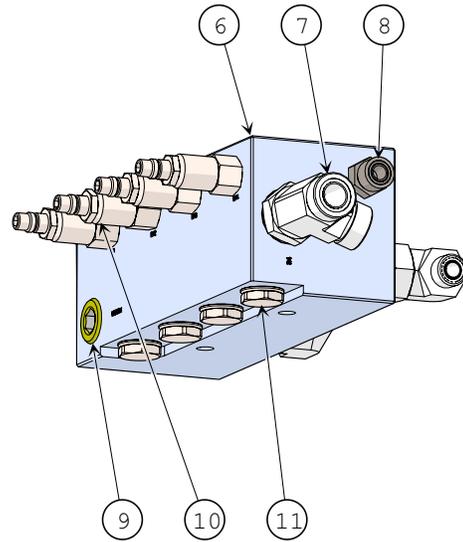
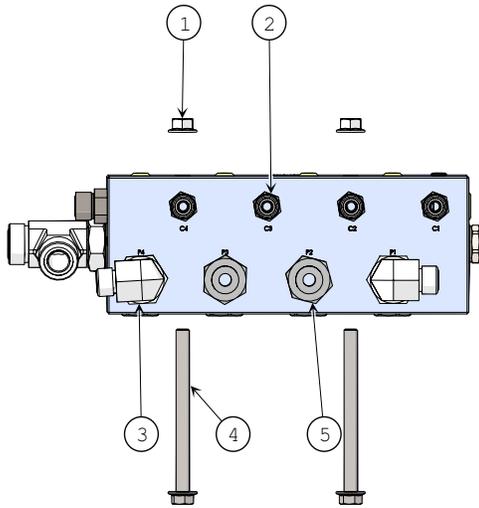


Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999

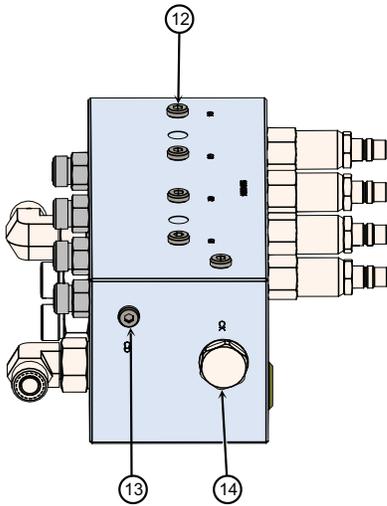
***Left Manifold***

<b>BOM ID</b>	<b>Hillco Part No.</b>	<b>Qty</b>	<b>John Deere Part No.</b>	<b>Description</b>
1	123.010	2		NUT, HEX, FLANGE, CL10 M10
2	1369471	1		HOSE SHIELD
3	1001.06.06	4		STRAIGHT -6MORB X -6MORFS
4	1003.12.08	2		90° -12MORB X -8MORFS
5	1001.12.08	2		STRAIGHT, -8MORS X -10MORB
6	122.010.120	2		BOLT, HEX, FLANGE, CL,10.9 M10 X 120MM
7	156120	4	99JD70101	VALVE, RELIEF, DIRECT-ACTING POPPET
8	156122	1	99JD70102	VALVE, CHECK, POPPET,15PSI,CV10
9	1019.08	1		PLUG, SKT, HD -8ORB
10	156123	4	99JD71507	POPPET, 5PSI, CV08
11	1019.12	1		PLUG, SKT, HD -12ORB
12	1372891	1		MANIFOLD, HYD, WING, LEFT
13	1019.06	5		HA:PLUG:SKT:HD -6ORB
14	1001.08.06	1		HA, STR -8MORB X -6MORFS
15	1007.12	1		HA TEE STR, THD, RUN 12 ORFS
16	143991	1	AH125760	COUPLER, QUICK-CONNECT HYDRAULIC
17	144001	1	R77175	DUST COVER

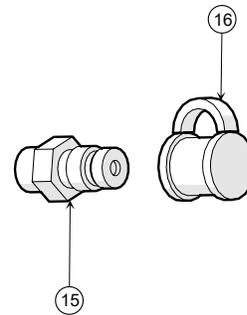
**Right Manifold**



**Rear**



**Left, Bottom, and Front**



**Right and Top**

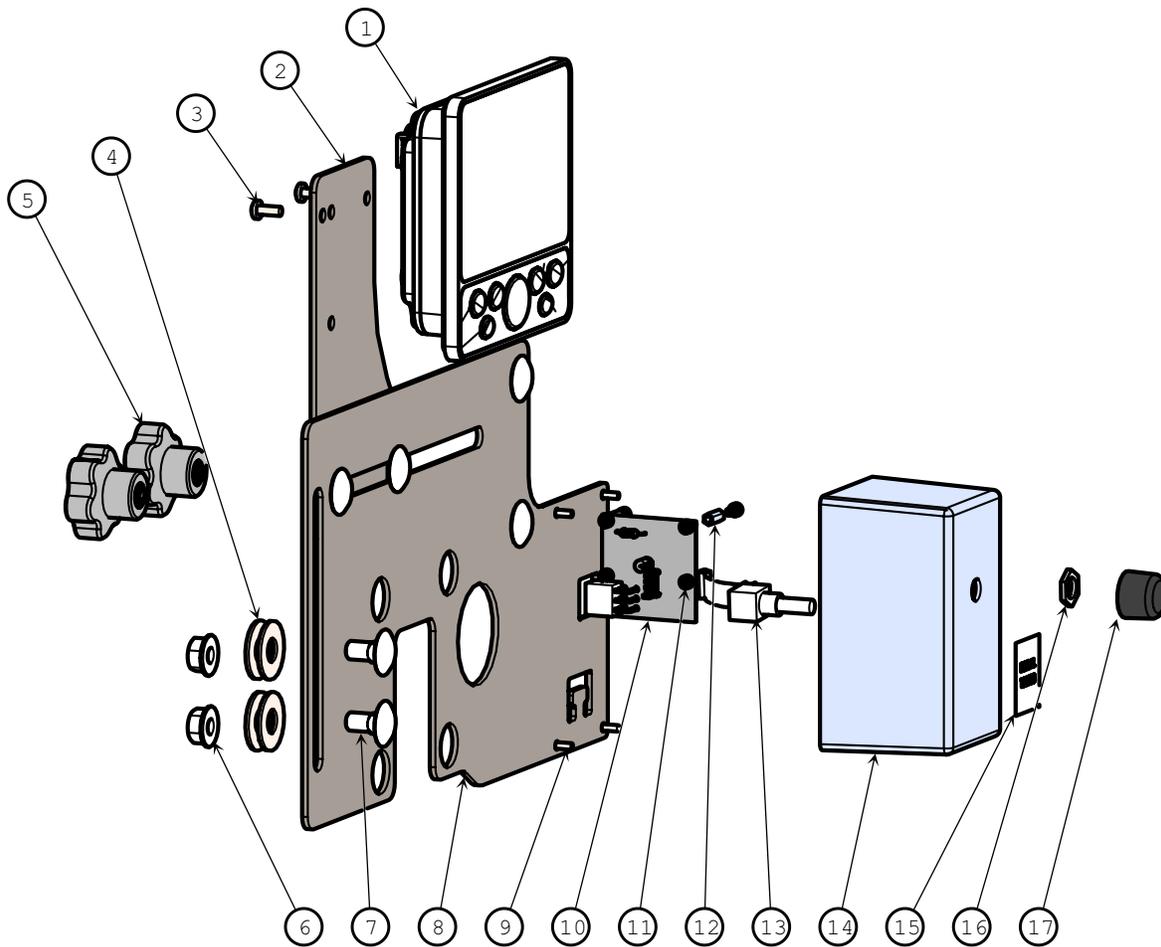
Model SC1500 Specialty Seed Header  
 For Serial Numbers SC1500-24001 thru SC1500-24999

**Right Manifold**

BOM ID	Hillco Part No.	Qty	John Deere Part No.	Description
1	122.010.120	2		BOLT, HEX, FLANGE, CL,10.9 M10 X 120MM
2	1001.06.06	4		STRAIGHT -6MORB X -6MORFS
3	1003.12.08	2		90° -12MORB X -8MORFS
4	123.010	2		NUT, HEX, FLANGE, CL10 M8
5	1001.12.08	2		STRAIGHT, -8MORS X -12MORB
6	1372901	1		MANIFOLD, HYD, WING, RIGHT
7	1007.12	1		TEE STR, THD, RUN 12 ORFS
8	1001.08.06	1		STR -8MORB X -6MORFS
9	1019.12	1		PLUG:SKT:HD -12ORB
10	156125	4	99JD70101	VALVE, RELIEF PILOT OPERATED,3K PSI
11	156123	4	99JD71507	VALVE, CHECK, POPPET, 5PSI, CV08
12	1019.04	6	99JD71523	PLUG, SKT, HD -4ORB
13	1019.08	1		PLUG:SKT:HD -8ORB
14	156122	1	99JD70102	VALVE CHECK, POPPET, 15PSI, CV10
15	143991	1	AH125760	COUPLER, QUICK-CONNECT HYDRAULIC
16	144001	1	R77175	DUST COVER

Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999

**Display**



BOM ID	Hillco Part No.	Qty	John Deere Part No.	Description
1	156038	1		DISPLAY, DANFOSS, DM430E-1-0-1-0
2	1380561	1		SLIDING MOUNT PLATE, SCREEN MOUNT
3	171.004.010	2	99JD81019	SCREW, PAN HEAD MACHINE, CH M4 X 10
4	105.006	8		NUT, JAM, 3/8"
5	156336	2		M8 METRIC STAR SHAPED KNURLED CLAMPING NUTS
6	123.008	4	14M7298	NUT, HEX,FLANGE, CL 10.9, M8x1.25
7	163.008.016	6	03M7185	BOLT CARR, CL8, M8x25
8	1380551	1		MOUNT PLATE, SC1500 CONTROLS
9	114.#06.006	4		SCREW,PAN HEAD MACHINE,CH 6-32X3/8
10	1377601	1		PCB, VOLTAGE REGULATOR CIRCUIT, 5V
11	237.003.006	7		M3X0.5, 6MM LENGTH
12	156254	4		STANDOFF, HEX, FEMALE, 4.5MM W, 11MM L, M3X0.5MM
13	156243	1		ENCODER, OPTICAL
14	1377591	1		BOX, ENCODER MOUNT
15	156238	1		DECAL, SWITCH BOX, SPECIALTY HEADER
16	174.006	1		NUT,HX,JAM,GR5 3/8-16
17	156244	1		KNOB, ENCODER

Model SC1500 Specialty Seed Header  
 For Serial Numbers SC1500-24001 thru SC1500-24999

**Electrical**

BOM ID	Hillco Part No.	Qty	Description
1	1375671	1	HARNESS, HCU PRIMARY
2	1375681	2	HARNESS, HCU LIGHT EXTENSION
3	1375691	1	HARNESS, HCU LEFT CONTROL
4	1375701	1	HARNESS, HCU RIGHT CONTROL
5	1376002	1	HARNESS, HCU CAN EXTENSION
6	1376011	1	HARNESS, WET KIT
7	1376251	1	HARNESS, HILLCO SERVICE
8	1376241	1	HARNESS, DEERE SERVICE
9	1375992	1	HARNESS, HCU CAB
10	1377701	6	ROCK LIGHT WITH CONNECTOR
11	146531	1	Y-CONNECTOR, BLACK, DTM SERIES
12	146541	1	PLUG, GRAY, 120-OHM RESISTOR, DTM SERIES
13	156052	1	SENSOR, ASSY., MAGNETIC PICKUP
14	156211	1	POWER BUS SPLITTER, 60A
15	156213	2	DIODE, MINI AUTOMOTIVE FUSE, 1A
16	155813	1	MICRO ISO RELAY, SPST WITH RESISTOR
ns*	114.#08.008	12	SCREW, PHM, CH #8-32 X 1/2" (ROCK LIGHT)
ns*	146521	1	WEDGE, BLACK, 2-SOCKET, B-KEY,
ns*	156133	1	CONTROLLER, DANFOSS PLUS-1-38PIN
ns*	156176	2	GROMMET, 3/4" HOLE & 1/32-1/4" MAT, BLACK

\*ns = not shown



1. HCU Primary



2. Light Extension Harness



3. HCU Left Control



4. HCU Right Control



5. HCU CAN Extension



6. Wet Kit Harness

Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999

**Electrical**



7. Hillco Service Harness



8. Deere Service Harness



9. HCU Cab Harness



10. Rock Light



11. Y-Connector



12. 120 ohm Terminator



13. Magnetic Pickup, Sensor



14. Power Bus Splitter



15. Mini Automotive Diode

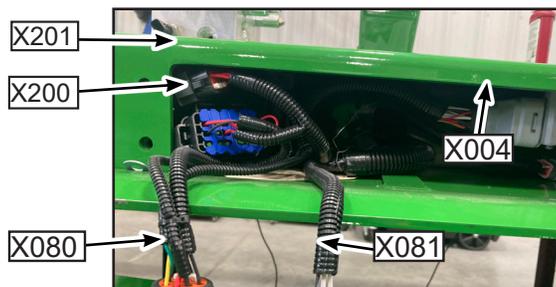
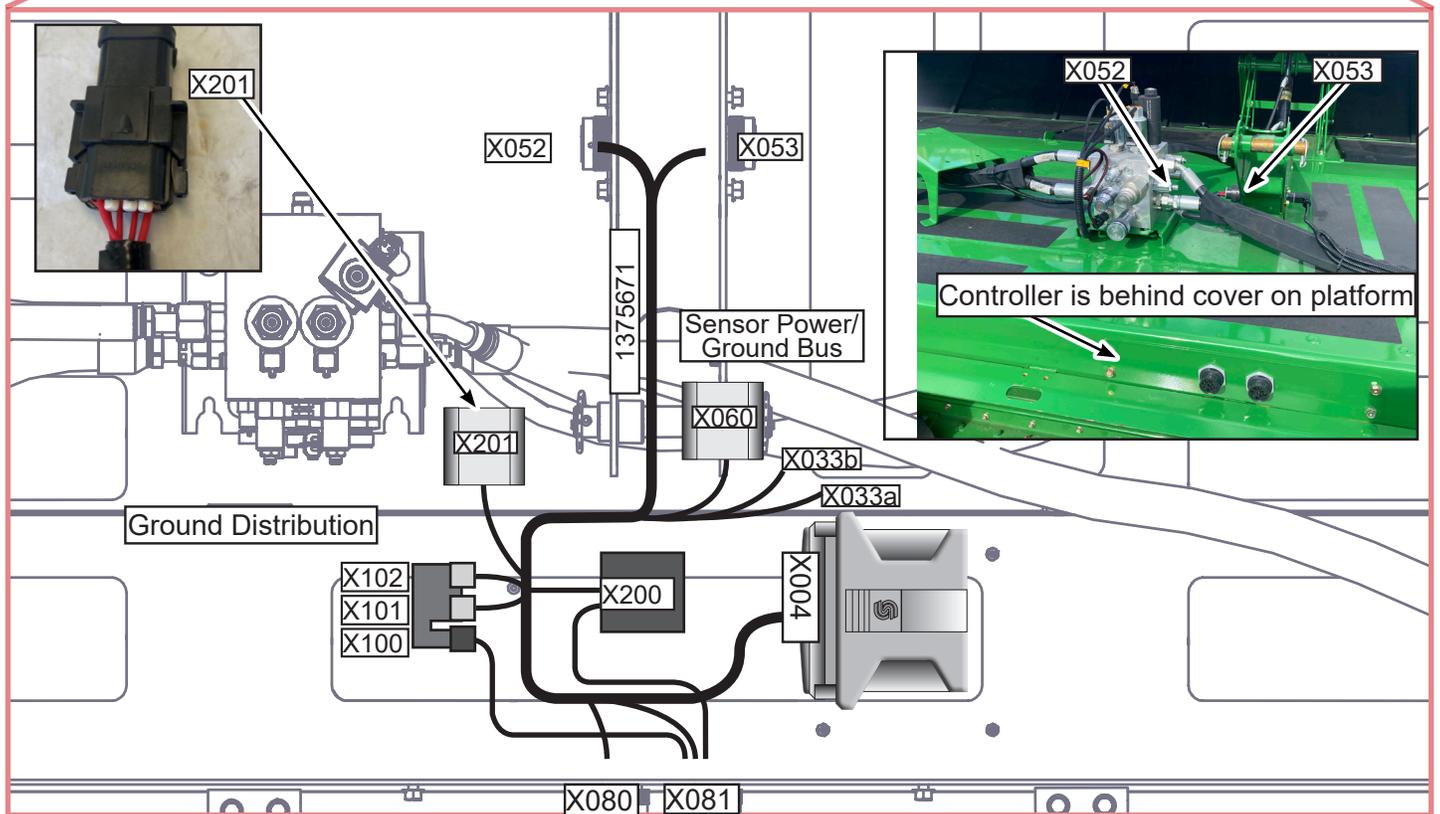
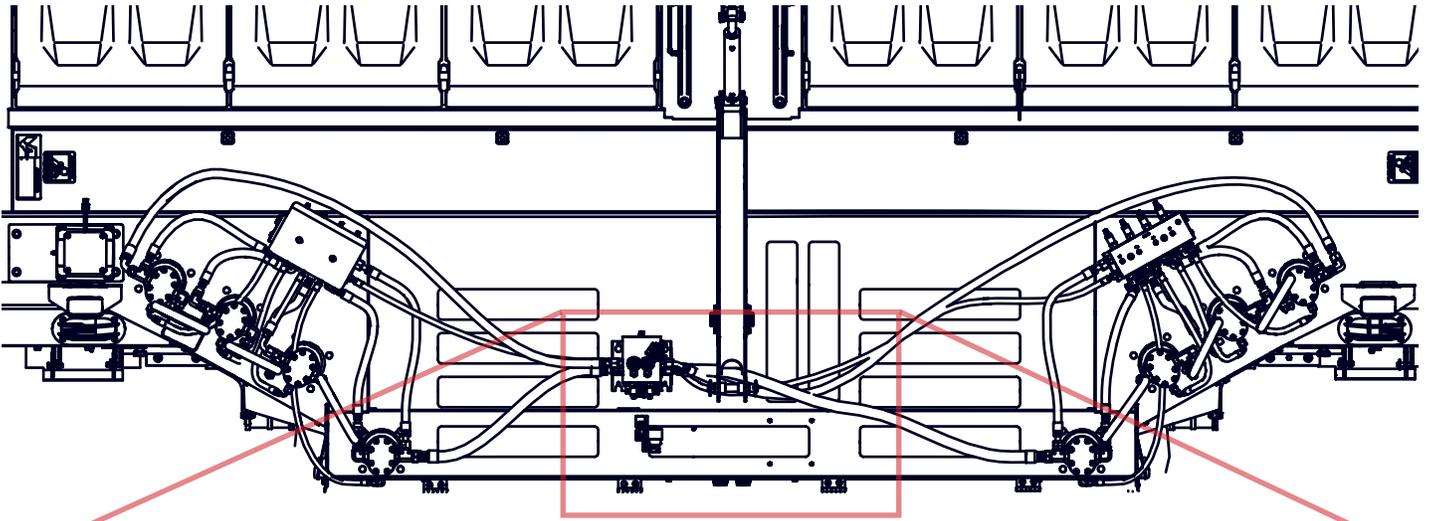


16. Micro Relay, SPST

### Electrical Schematics and Harnesses

#### Primary Wiring Harness (1375671)

Harness is located inside of platform.



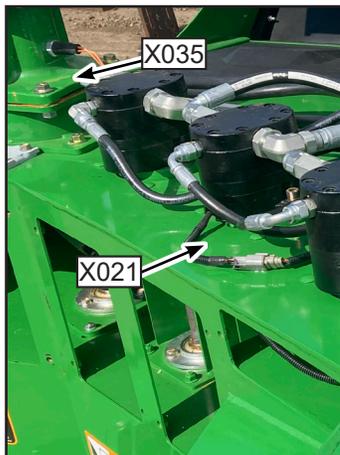
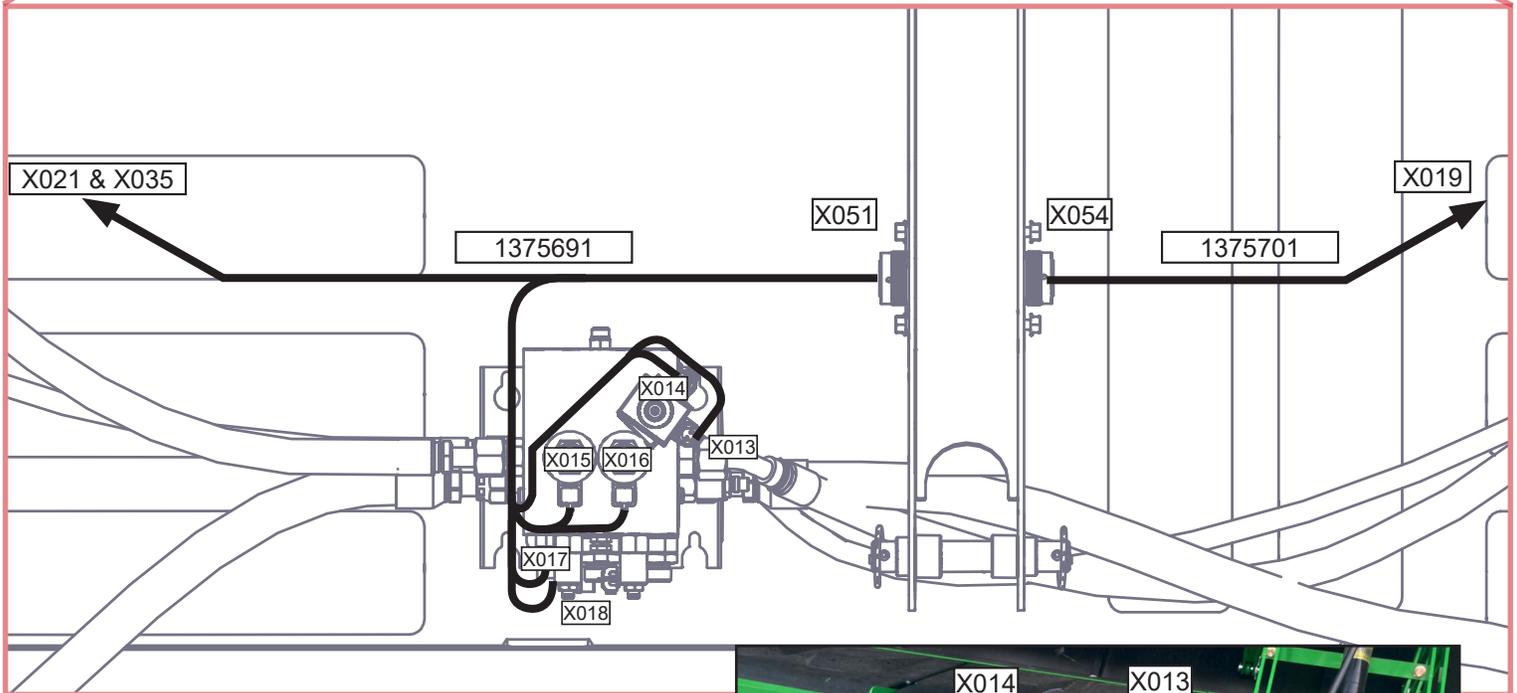
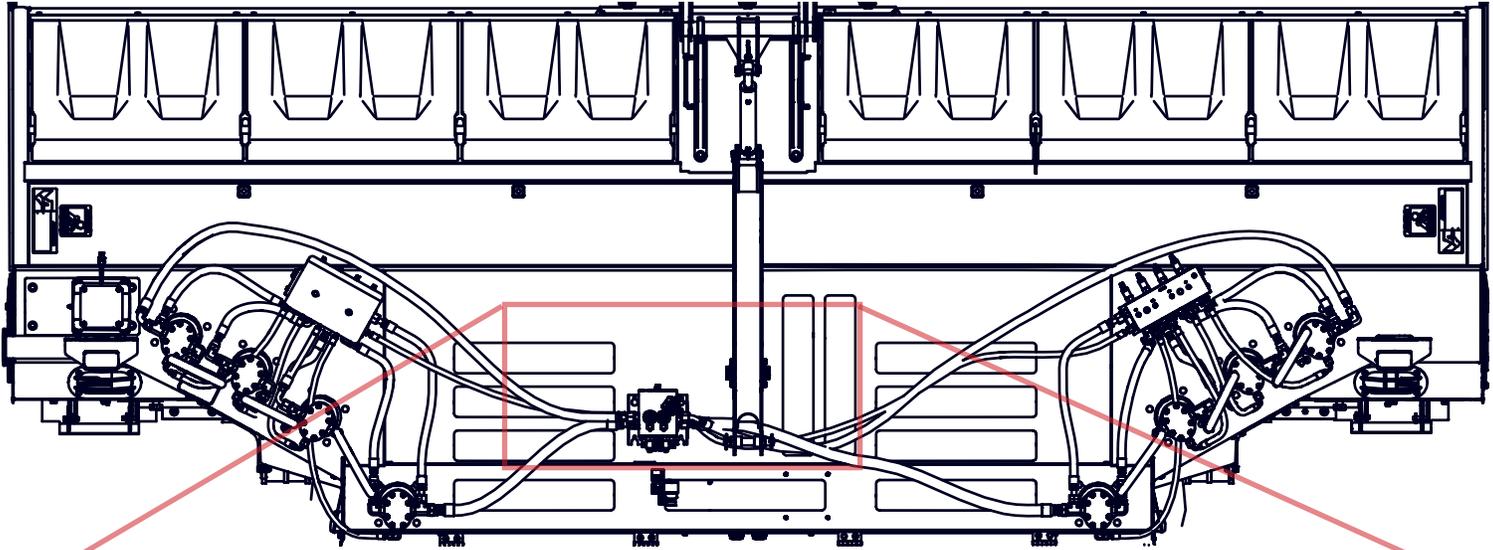




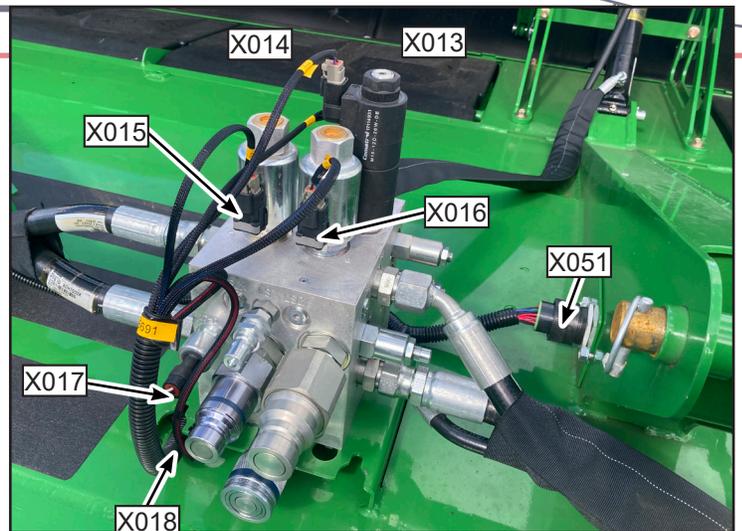
Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999

**Manifold Harness & Speed Sensor Harness (1375691 & 1375701)**

Harness is located on top of platform by middle manifold.



D-220308DMC01



Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999

<b>REV.</b>	A B	DESCRIPTION Released For Production Re-named X032 to X051 to avoid confusion	DATE 07/01/2022 02/15/2022	BY SJM SJM	Part # <b>1375691</b>	<b>B</b>
<b>HILLCO</b>						
Description: OT ASM, HARNESS, HCU LEFT CONTROL						
Material: SEE BELOW						
Design: SJM						
Drawn: N/A						
Sheet 1 of 2						
Weld according to HILLCO Welding Standards Doc. 10-062010.DWG						
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CONNECTOR	DESCRIPTION	TYPE	HOUSING PART #	TERMINAL PART #	ACCESSORIES PART #
X051	LEFT BULKHEAD	DEUTSCH	HDP26-18-21SN	0462-201-20141	HD30-18BT-BK, 0413-204-2005
X013	KDB RAISE COIL	DEUTSCH	DT06-2S	0462-201-16141	W2S
X014	KDB LOWER COIL	DEUTSCH	DT06-2S	0462-201-16141	W2S
X015	PWM RIGHT COIL	DEUTSCH	DT06-2S	0462-201-16141	W2S
X016	PWM LEFT COIL	DEUTSCH	DT06-2S	0462-201-16141	W2S
X017	WORK PRESSURE SENSOR	APTIV	12065287	12048074	
X018	CD PRESSURE SENSOR	AMPSEAL 16	776429-1	1924464-1	
X021	LEFT MOTOR SPEED SENSOR	DEUTSCH	DTM06-3S	0462-201-20141	WM-3S
X035	CUTTERBAR SPEED SENSOR	APTIV	12010973	12089040	

LENGTH TABLE	
BRANCH	LENGTH
1	6 INCHES
2	24 INCHES
3	8 INCHES
4	8 INCHES
5	8 INCHES
6	8 INCHES
7	8 INCHES
8	8 INCHES
9	78 INCHES
10	6 INCHES
11	36 INCHES

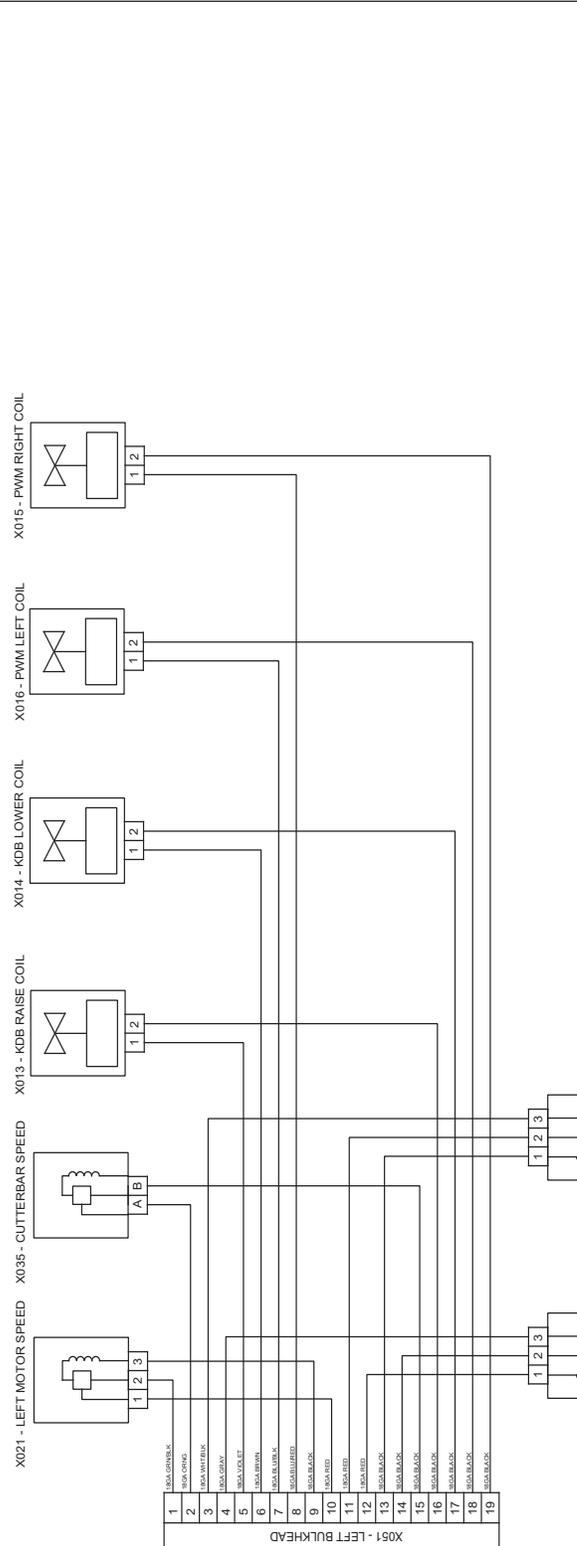
# Model SC1500 Specialty Seed Header

## For Serial Numbers SC1500-24001 thru SC1500-24999

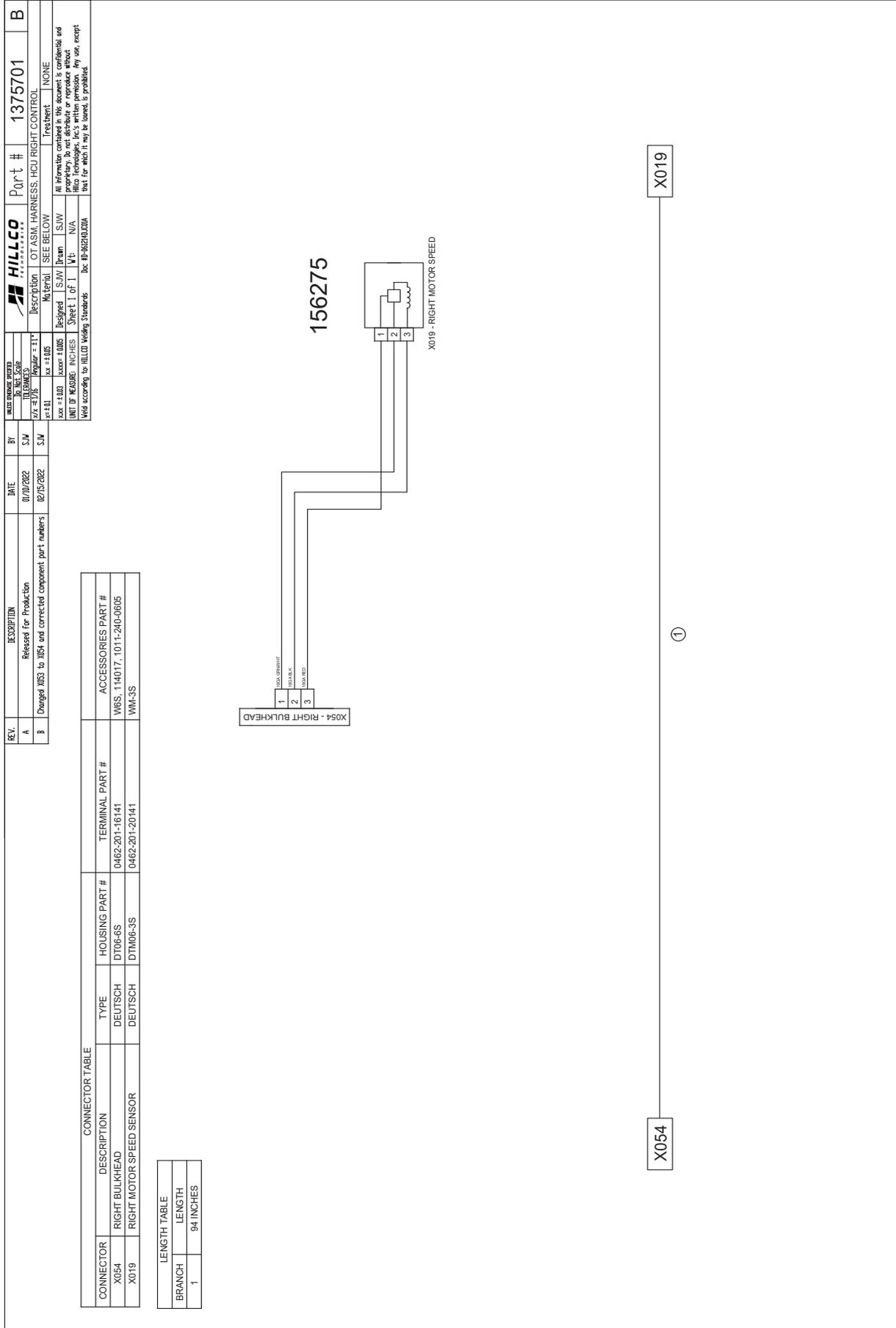
REV.	DESCRIPTION	DATE	BY	HILLCO	Part #	B
A	Released for Production	07/10/2022	SJM	HILLCO	1375691	B
B	Re-routed X032 to X051 to avoid confusion	02/15/2022	SJM	HILLCO	1375691	B

MAX. THREAD SIZE	BY	DATE	DESCRIPTION	MATERIAL	TREATMENT	NONE
1/4" - 20 UNF X 0.50	SJM	07/10/2022	Released for Production	SEE BELOW		
3/8" - 16 UNF X 0.75	SJM	02/15/2022	Re-routed X032 to X051 to avoid confusion	SEE BELOW		

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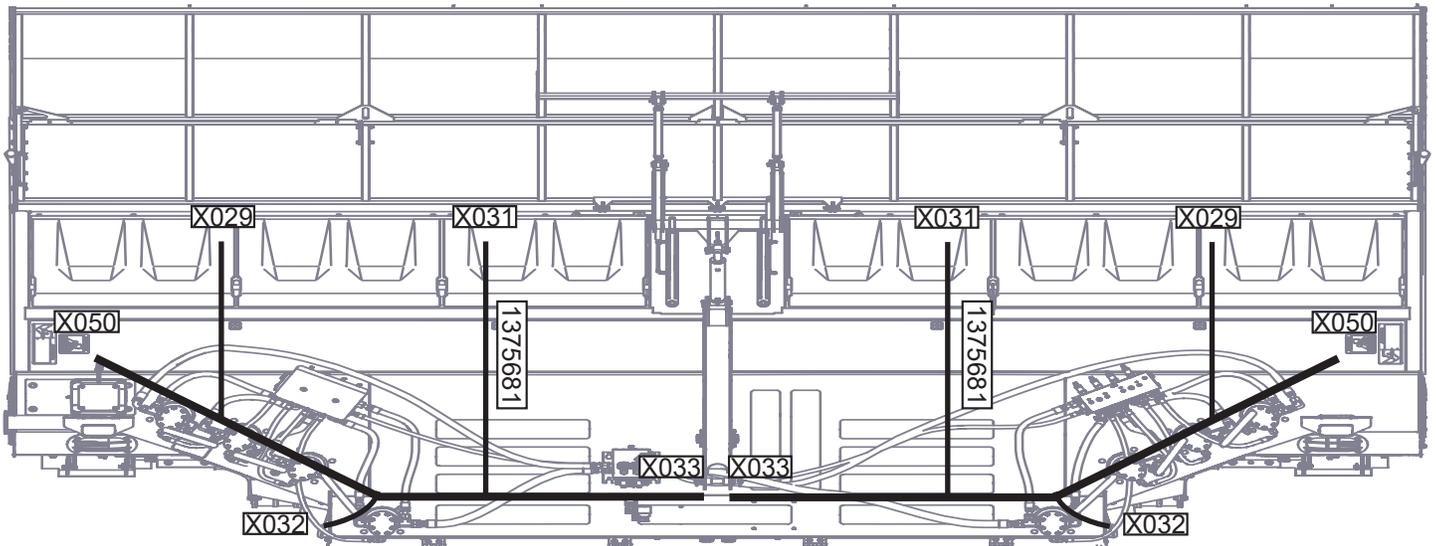


Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999



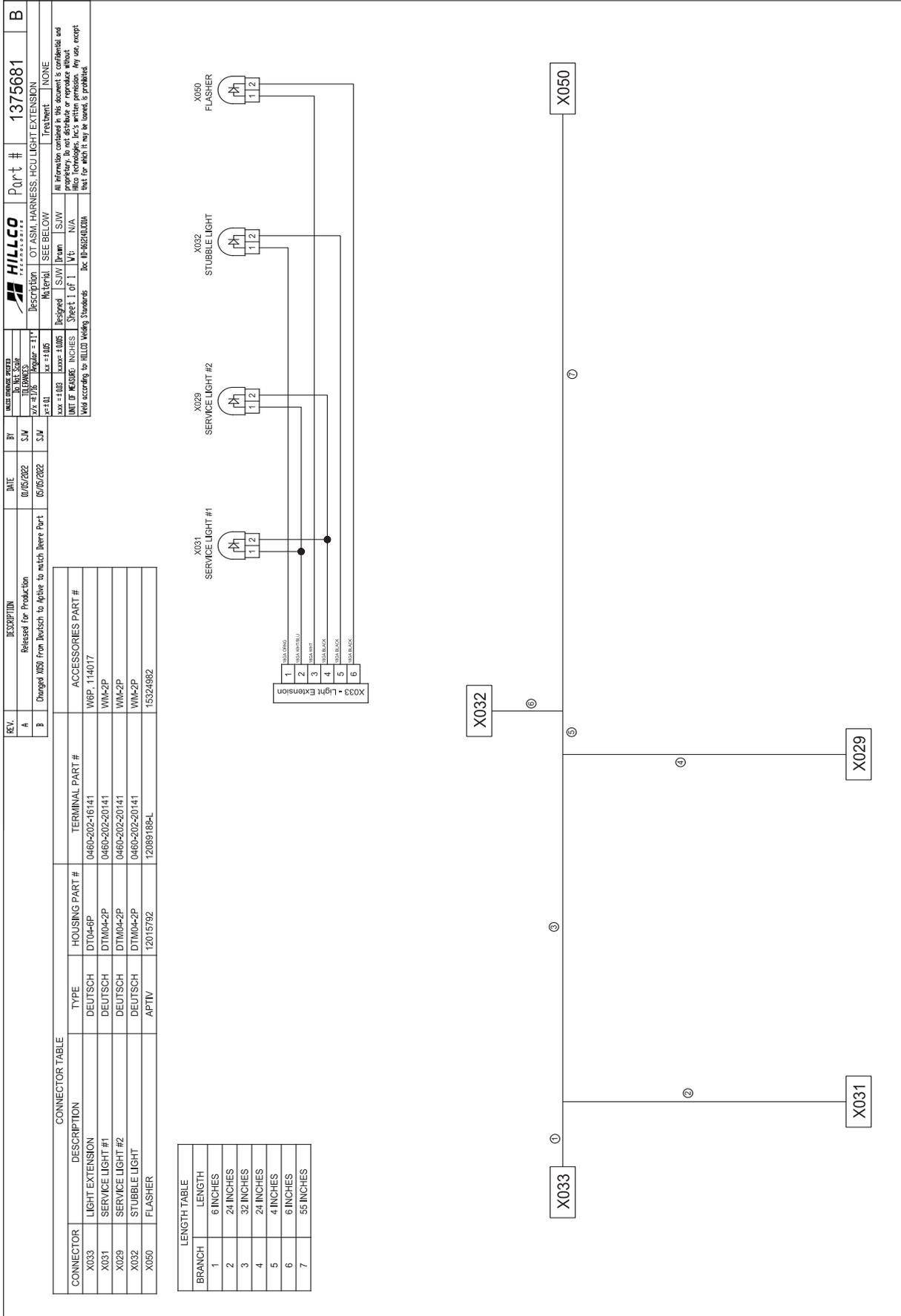
Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999

**Light harness (1375681)**  
Installed inside of platform



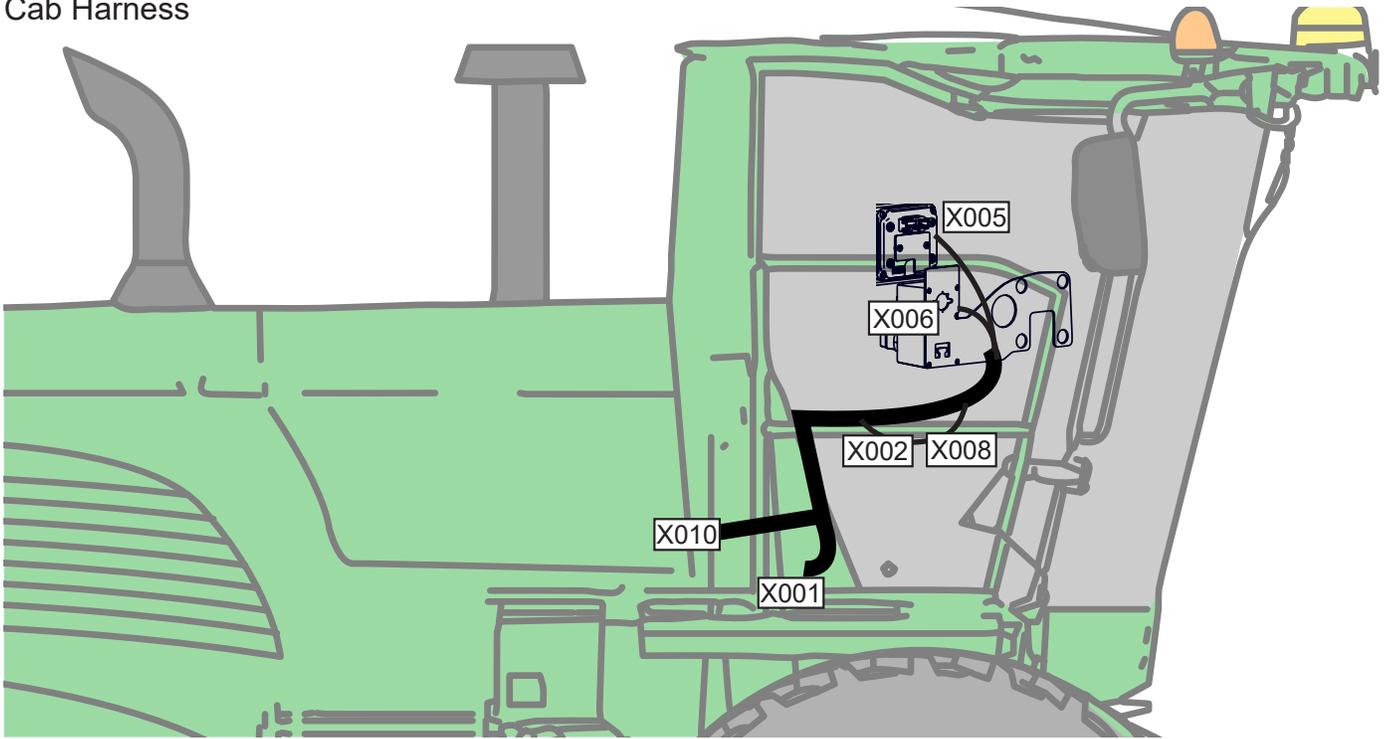
# Model SC1500 Specialty Seed Header

## For Serial Numbers SC1500-24001 thru SC1500-24999



Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999

**HCU Harness (1375992)**  
Cab Harness



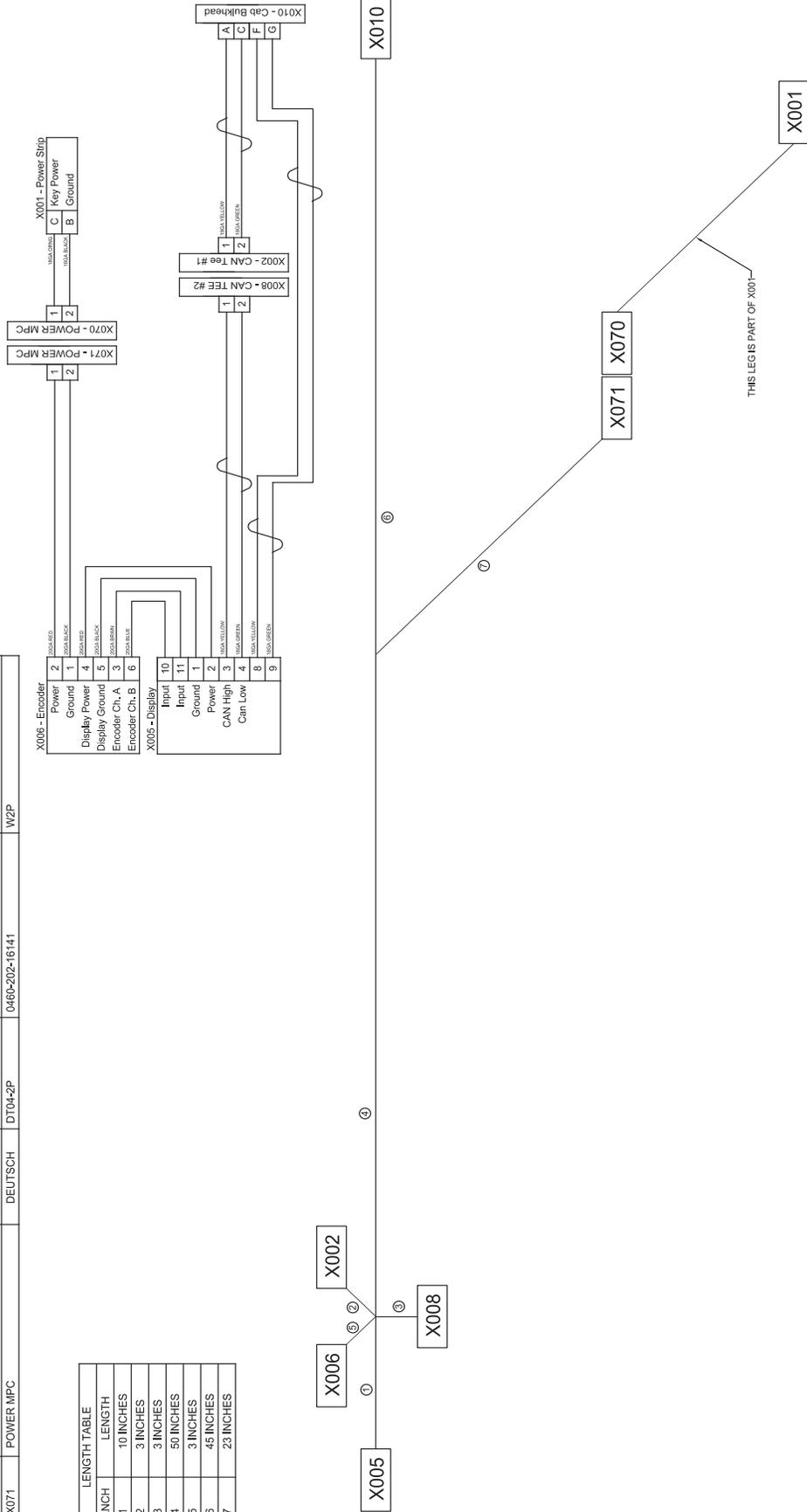
# Model SC1500 Specialty Seed Header

## For Serial Numbers SC1500-24001 thru SC1500-24999

REV. A	DESCRIPTION Released for Production	DATE 04/13/2022	BY SJM	HILCO HILCO CORPORATION	Part # 1375992	A
<p><b>WIRE BUNDLE GROUP TO THE SCAR TELEMETRIES</b></p> <p>W2 = 1/16 Regular = 11"      <b>DESCRIPTION</b>      OT ASSEMBLY HARNESS: HCU CAB      Part #      1375992      A</p> <p>W3 = 1/16 Regular = 11"      <b>Material</b>      SEE BELOW      <b>Treatment</b>      NONE</p> <p>W4 = 1/16 Regular = 11"      <b>Design</b>      SJW      <b>Drum</b>      SJW</p> <p>W5 = 1/16 Regular = 11"      <b>Sheet 1 of 2</b>      Wt:      N/A</p> <p><b>UNIT OF MEASURE: INCHES</b>      <b>Sheet 1 of 2</b>      Wt:      N/A</p> <p><b>Weld according to HILCO Welding Standards: Doc 00-002-000000</b></p> <p><small>All information contained in this document is confidential and proprietary to HILCO. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of HILCO. Any use, except that for which it may be licensed, is prohibited.</small></p>						

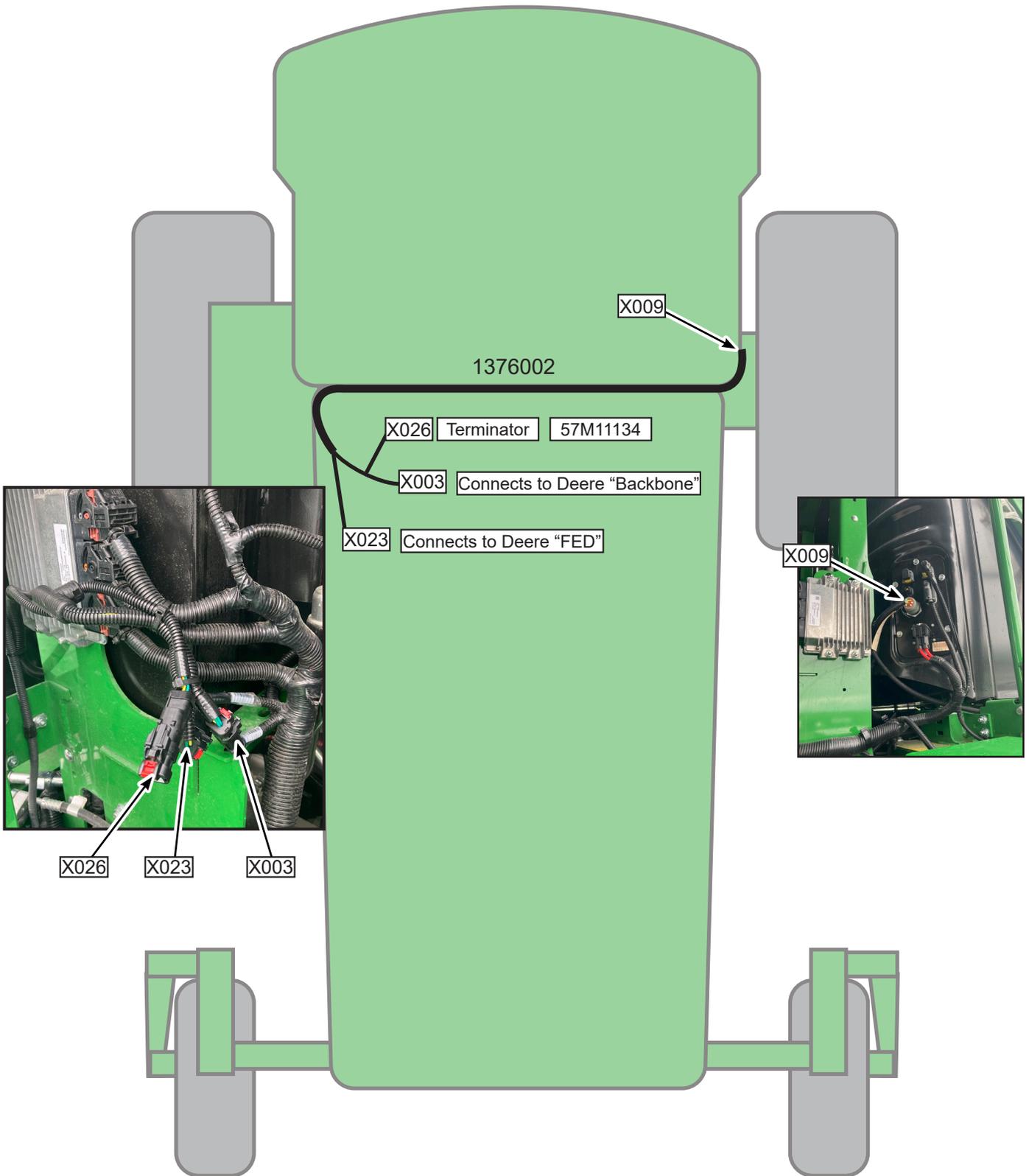
CONNECTOR	DESCRIPTION	TYPE	HOUSING PART #	TERMINAL PART #	ACCESSORIES PART #
X001	POWER STRIP	JOHN DEERE	RE67013		
X002	CAN TEE #1	DEUTSCH	DTM06-2S	0462-201-20141	WM-2S
X005	DISPLAY	DEUTSCH	DTM06-12SA	0462-201-20141	WM-12S
X006	ENCODER PCB	MOLEX	39012065	39000038	
X008	CAN TEE #2	DEUTSCH	DTM06-2S	0462-201-20141	WM-2SB
X010	CAB BULKHEAD	DEUTSCH	HD10-9-96P-E025	0460-202-16141	2411-002-1805, 114017
X070	POWER MPC	DEUTSCH	DT06-2S	0462-201-16141	W2S
X071	POWER MPC	DEUTSCH	DT04-2P	0460-202-16141	W2P

BRANCH	LENGTH
1	10 INCHES
2	3 INCHES
3	3 INCHES
4	50 INCHES
5	3 INCHES
6	45 INCHES
7	23 INCHES



**HCU CAN Extension Harness (1376002)**

CAN Harness



# Model SC1500 Specialty Seed Header

## For Serial Numbers SC1500-24001 thru SC1500-24999

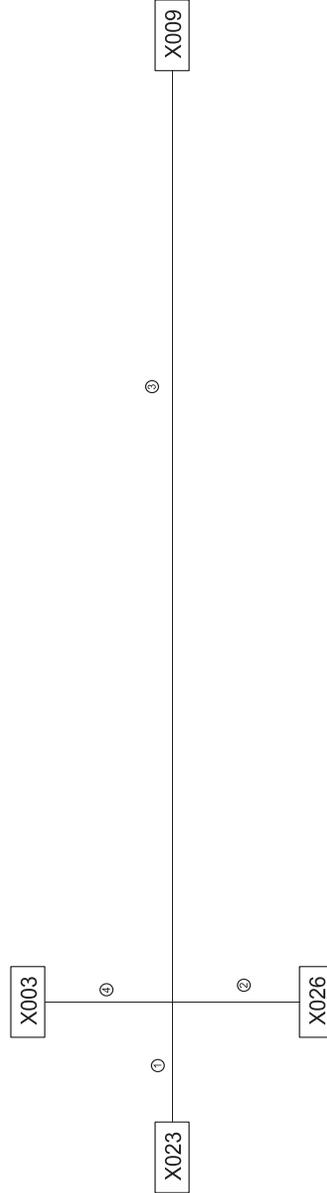
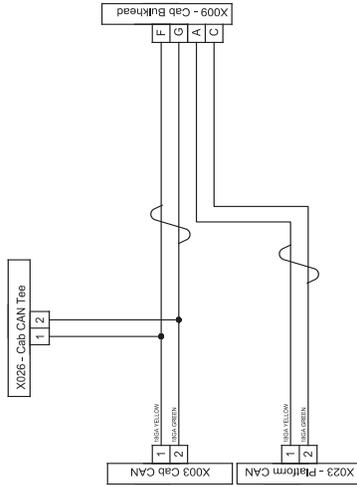
<b>REV.</b>	<b>DESCRIPTION</b>	<b>DATE</b>	<b>BY</b>	<b>HILCO</b>	<b>Part #</b>
A	Released For Production Lengthend Branch 3 (P)	04/13/2022	SJM	OT ASM HARNESS HCU CAN EXTENSION	1376002
B		04/26/2022	SJM	SEE BELOW	

<b>MAXIMUM SCALE</b>	<b>DESCRIPTION</b>	<b>DATE</b>	<b>BY</b>	<b>HILCO</b>	<b>Part #</b>
1/4" ± 0.005	Released For Production Lengthend Branch 3 (P)	04/13/2022	SJM	OT ASM HARNESS HCU CAN EXTENSION	1376002
1/8" ± 0.005		04/26/2022	SJM	SEE BELOW	

CONNECTOR	DESCRIPTION	TYPE	HOUSING PART #	TERMINAL PART #	ACCESSORIES PART #
X003	CAB CAN	AMPSEAL 16	776427-1	1924464-1	
X009	CAB BULKHEAD	DEUTSCH	HD16-9-96S	0462-201-16141	114017
X023	PLATFORM CAN	AMPSEAL 16	776427-1	1924464-1	
X026	CAB CAN TEE	AMPSEAL 16	776428-1	1924463-1	

UNIT OF MEASURE: INCHES Sheet 1 of 2 V: N/A  
 Wires according to HILCO Welding Standards Doc. #H-60240200A  
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LENGTH TABLE	
BRANCH	LENGTH
1	8 INCHES
2	8 INCHES
3	74 INCHES
4	8 INCHES



# Model SC1500 Specialty Seed Header

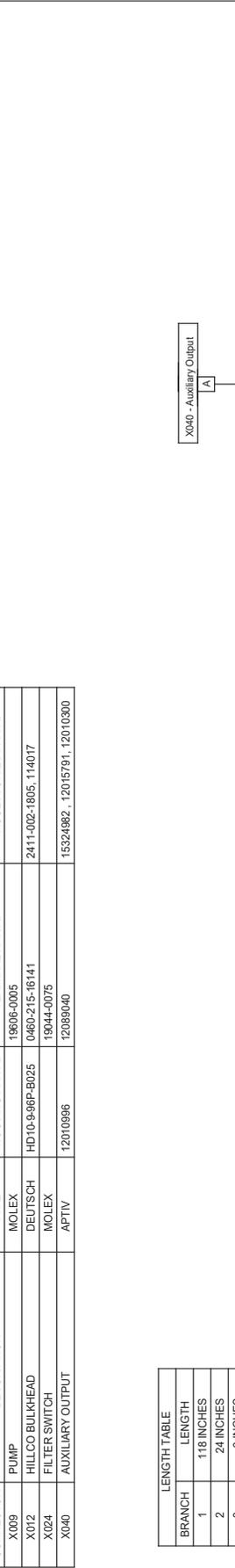
## For Serial Numbers SC1500-24001 thru SC1500-24999

REV.	DESCRIPTION	DATE	BY	HILLCO *****	Part #	1376011	B
A	Released for Production	01/19/2022	SJM	DESCRIPTION	OT ASM. HARNESS, WIET KIT		
B	Revised 3011 to 3012 to avoid confusion	12/15/2022	SJM	Material	SEE BELOW		

REV.	DESCRIPTION	DATE	BY	HILLCO *****	Part #	1376011	B
A	Released for Production	01/19/2022	SJM	DESCRIPTION	OT ASM. HARNESS, WIET KIT		
B	Revised 3011 to 3012 to avoid confusion	12/15/2022	SJM	Material	SEE BELOW		

CONNECTOR	DESCRIPTION	HOUSING PART #	TYPE	TERMINAL PART #	ACCESSORIES PART #
X009	PUMP		MOLEX	19606-0005	
X012	HILCO BULKHEAD		DEUTSCH	0460-215-1614	2411-002-1805, 114017
X024	FILTER SWITCH		MOLEX	19044-0075	
X040	AUXILIARY OUTPUT		APTIV	12089040	15324862, 12015791, 12010300

UNIT OF MEASURE: INCHES. Sheet 1 of 1. Wt: N/A. Hillco according to HILLCO Welding Standards. Doc ID: 66240100A



BRANCH	LENGTH
1	118 INCHES
2	24 INCHES
3	6 INCHES
4	62 INCHES

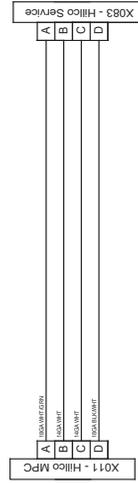


Model SC1500 Specialty Seed Header  
 For Serial Numbers SC1500-24001 thru SC1500-24999

REV. A	DESCRIPTION Released for Production	DATE 02/07/2022	BY CJM	 HILLCO Part # 1376251	A
MUST BE ORDERED FROM HILLCO 24" x 7/16" PITCH = 11"		Description: OT ASM - HAR - HILLCO SERVICE Material: SEE BELOW Max E-100: 10000 ± 0.005 Max E-100: 10000 ± 0.005 Unit of Measure: INCHES Weld according to HILLCO Welding Standards		Finish: NONE All information contained herein is the property of Hillco Technology, Inc. and is not to be distributed or reproduced without Hillco Technology, Inc.'s written permission. Any use, except that for which it may be loaned, is prohibited.	

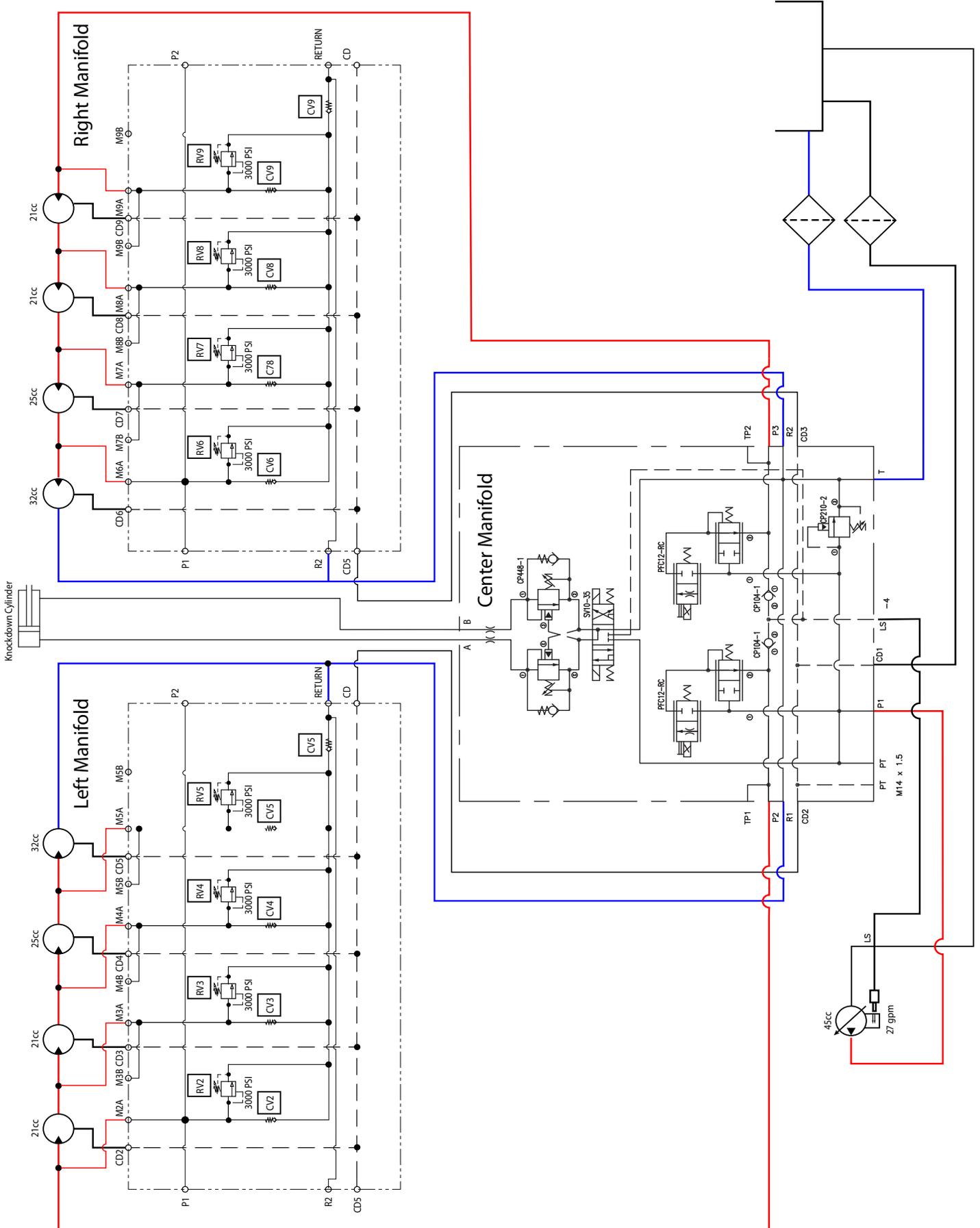
CONNECTOR TABLE				
CONNECTOR	DESCRIPTION	TYPE	HOUSING PART #	ACCESSORIES PART #
X011	HILLCO MPC	DEUTSCH	HD16-9-96S	HD30-18BT-BK, 114017
X083	HILLCO SERVICE	DEUTSCH	HD16-9-96S	HD30-18BT-BK, 114017

LENGTH TABLE	
BRANCH	LENGTH
1	70 INCHES

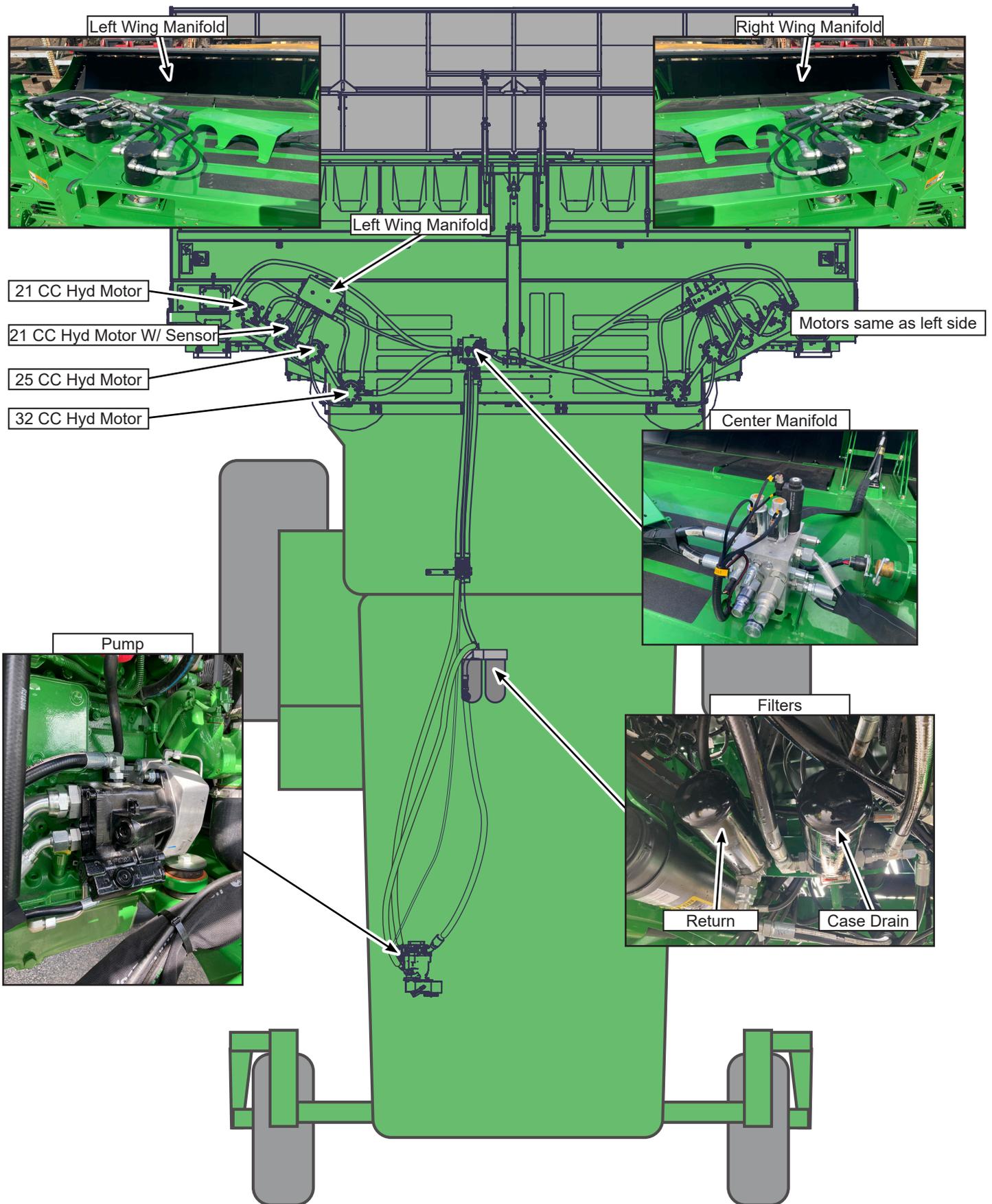


Model SC1500 Specialty Seed Header  
 For Serial Numbers SC1500-24001 thru SC1500-24999

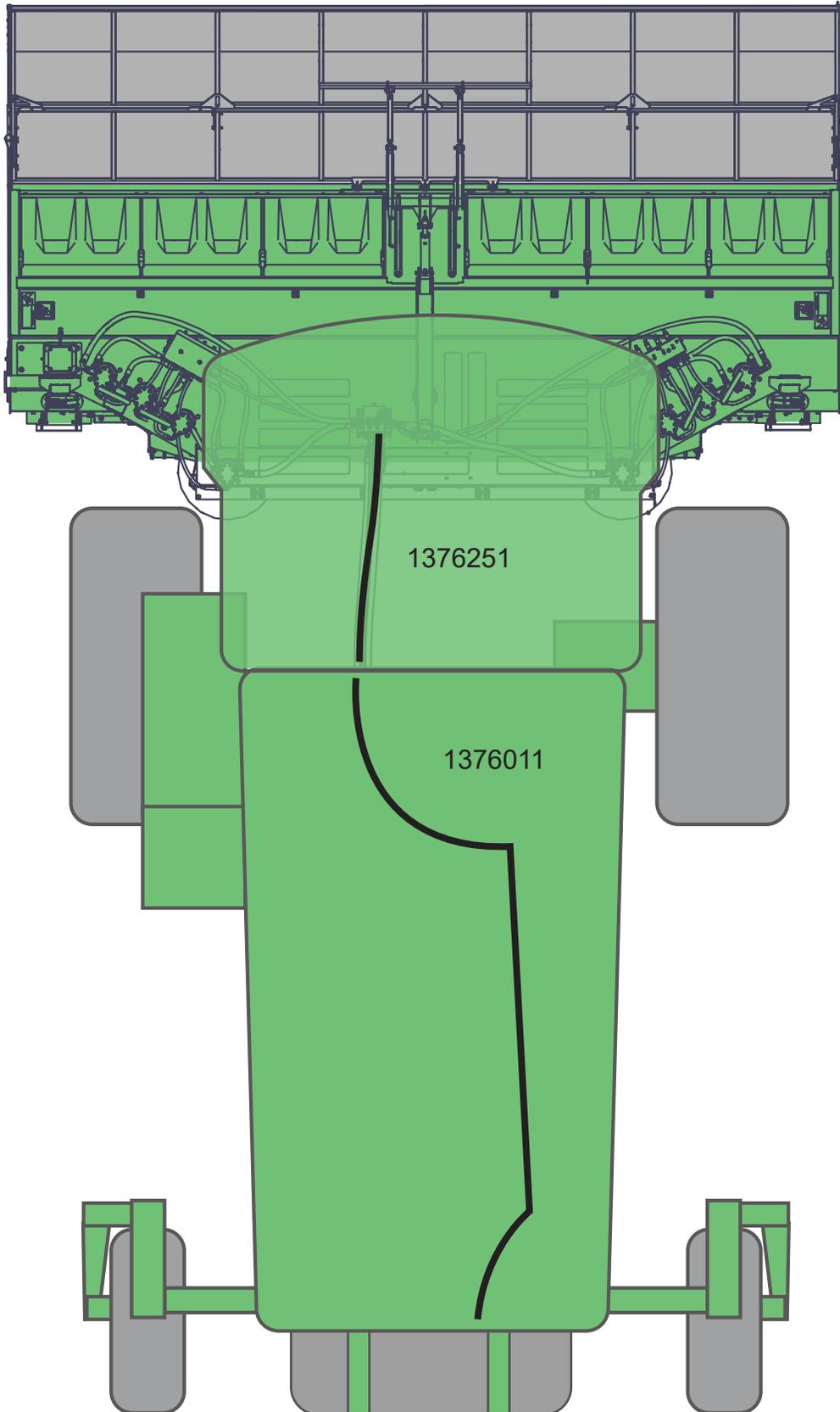
**Hydraulic Components & Schematic**



Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999  
**Hydraulic Components & Schematic**

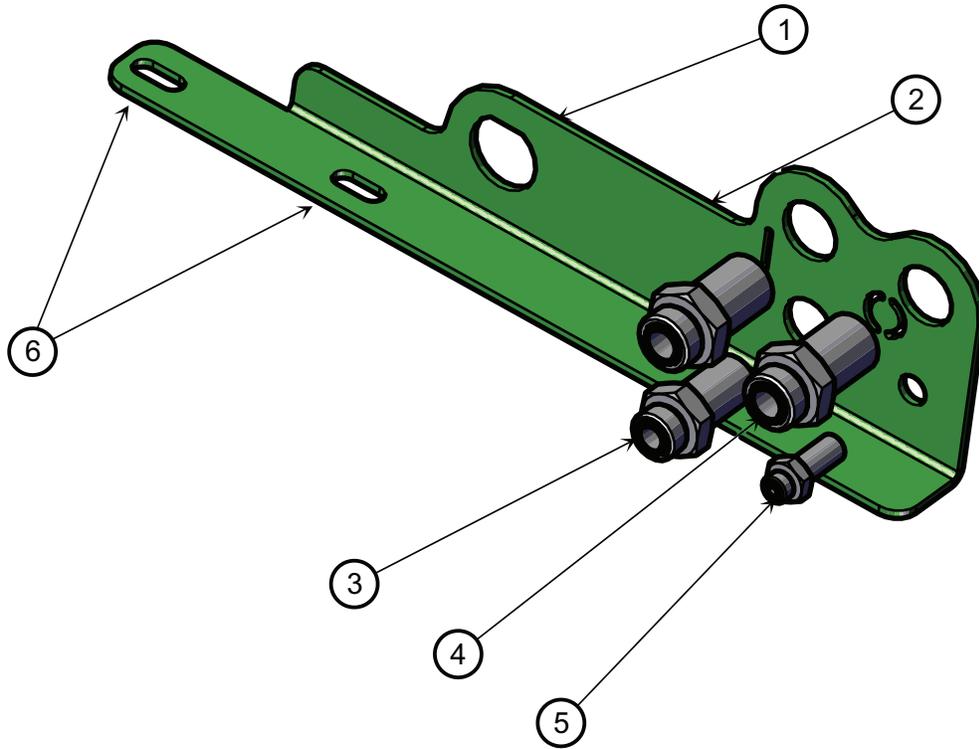


Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999



Model SC1500 Specialty Seed Header  
 For Serial Numbers SC1500-24001 thru SC1500-24999

**Bulkhead**



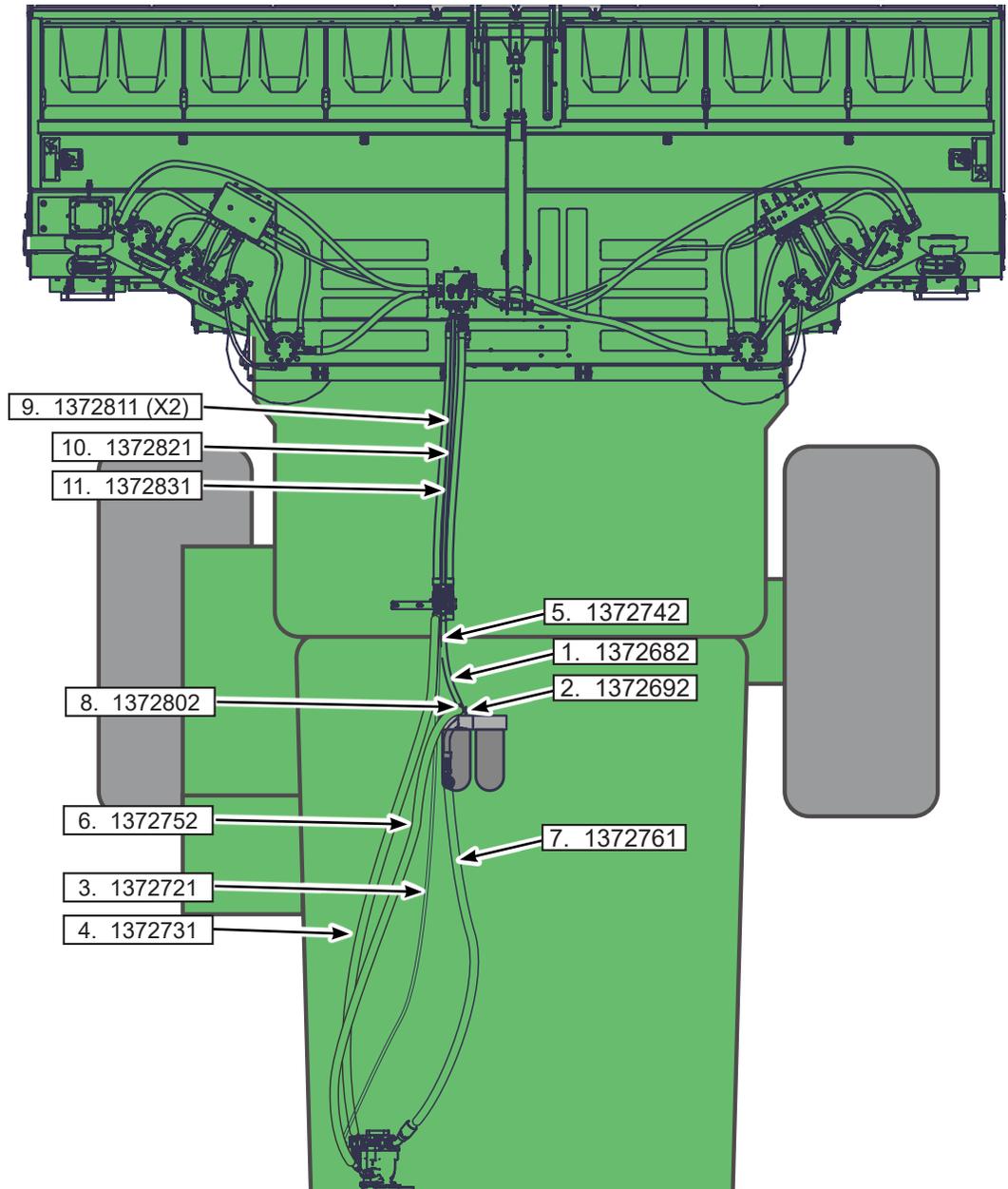
BOM ID	Hilco Part No.	Qty	John Deere Part No.	Description
1	1373622	1		BULKHEAD MNT
2	1378491	1		BULKHEAD, COMPLETE W/ FITTINGS
3	1054.10	1	99JD15003	BULKHEAD STR -10MORFS x -10 MORFS
4	1054.12.12	2	99JD75001	BULKHEAD -12 ORFS
5	1054.04.04	1	99JD75002	BULKHEAD -4 ORFS
6				USE EXISTING JOHN DEERE BOLTS

Model SC1500 Specialty Seed Header  
 For Serial Numbers SC1500-24001 thru SC1500-24999

**Pump Kit Hoses**

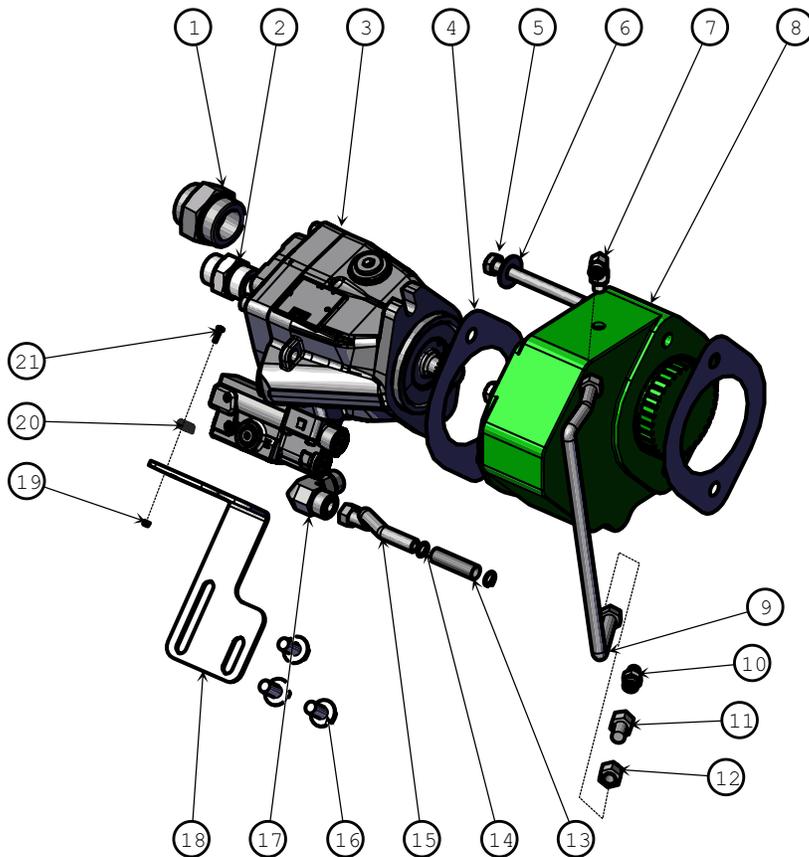
Hoses				
BOM ID	Hillco Part No.	Qty	John Deere Part No.	Description
1	1372682	1		HOSE 100R17AR -12x58-1/2",-12FF STR X -16ff 90° D56MM
2	1372692	1		HOSE 100R17AR -16 x 51-1/2" -16FF STR X -16FF 90° D56MM
3	1372721	1		HOSE 100R17AR -04 X 124" -04FORS STR X-04FORFS 90°D32MM
4	1372731	1		HOSE 100R17AR -12 X 124" -12FORS X -12FORS 45°
5	1372742	1		HOSE 100R17AR -10 X 64" -10FORS X -10FORS 90° D32MM
6	1372752	1		HOSE 100R17AR -10 X 80" -10FORS STR X -10FORS STR
7	1372761	1		HOSE 100R17AR -20 X 91" -16FORS X -20FORS 45°
8	1372802	1		HOSE 100R17AR -12 X 31" -12FORS STR X -16FORS
9	1372811	2		HOSE 100R17AR -12 X 64-1/2" -12FORS X -12MORB
9*	156114	1		COUPLER, HYD,QUICK, 3/4" BODY -12ORB (RETURN)
9*	156174	1		COUPLER, HYD QUICK,-12FORB (PRESSURE)
10	1372821	1		HOSE 100R17AR -10 X 65" -10FORS X -10MORB
10*	156116			COUPLER, HYD QUICK,-10FORB
11	1372831	1		HOSE 100R17AR -04 X 67-1/2" -4FORS X -6MORB
11*	156117	1		COUPLER ISO 7241 SERIES, POPPET TYPE, 1/4 BODY,-6ORB

\* Denotes a coupler which attaches to the hose above.



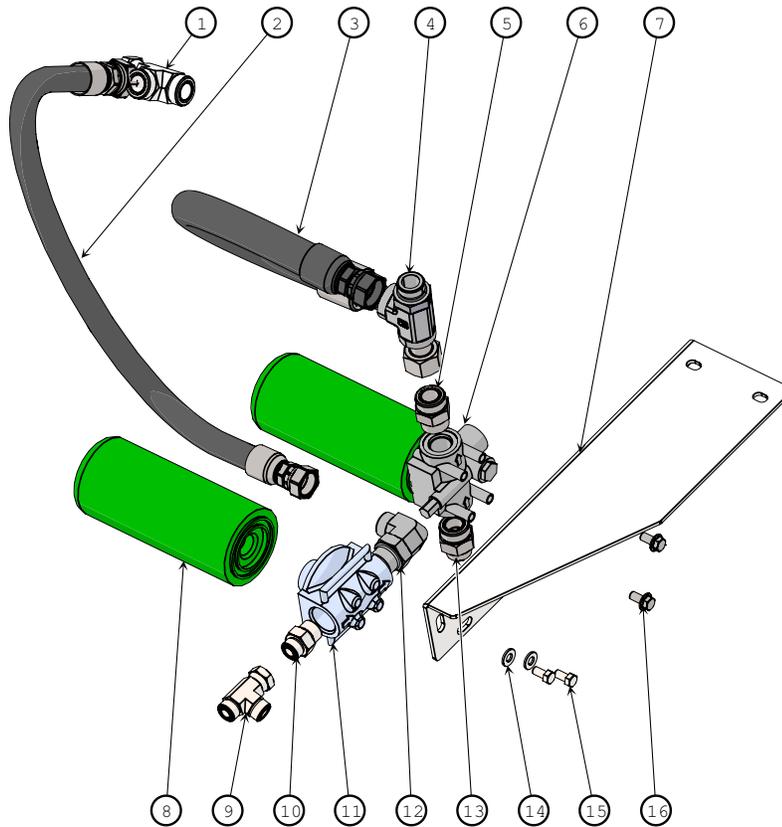
Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999

**Pump and Gearcase**



BOM ID	Hillco Part No.	Qty	John Deere Part No.	Description
1	1001.24.20	1		STRAIGHT, -24MORB x -20MORFS
2	1001.16.12	1		STRAIGHT, -16MORB X -12MORFS
3	156091	1	99JD70303	PUMP, SERIES 45. AXIAL PORTED
4	156152	2	R522690	GASKET
5	121.012.110	2	19M7790	BOLT,HEX,CL10.9 M12 X 1.75 X 110
6	105.008	2	24M7047	WASHER, FLAT 1/2"
7	1003.04.04	1	38H5015	90° -4MORB X -4MORFS
8	156151	1	RE544941	AUXILIARY DRIVE, ASSEMBLY
9	156158	1	RE539061	OIL LINE
10	1001.04.04	1	15H700	STRAIGHT, -4MORB X -4MORFS
11	156159	1	R110664	COUPLING
12	156160	1	15H700	BUSHING, PIPE
13	10315.00065	1	DIN73411	HOSE,HEATER, 5/8"x 2-1/2"
14	156155	2	M19356	HOSE CLAMP
15	156156	1	RE539062	OIL LINE,
16	122.012.025	3	19M7788	BOLT,HEX,FLANGE,CL10.9 M12X25
17	1025.22.10	1	38H5018	MALE O-RING FACE 90° X MALE METRIC
18	1378421	1		HYD PUMP SUPPORT
19	119.#06	1		NUT,HEX,FLANGE,SERRATED 6-32
20	156032	1		BUMPER,UNTHREADED, TAPERED RND 43/64"OD X 1/4" HIGH
21	114.#06.008	1		SCREW,PHM,CH 6-32X1/2

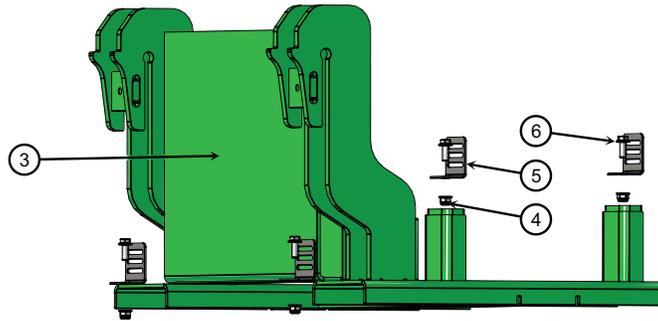
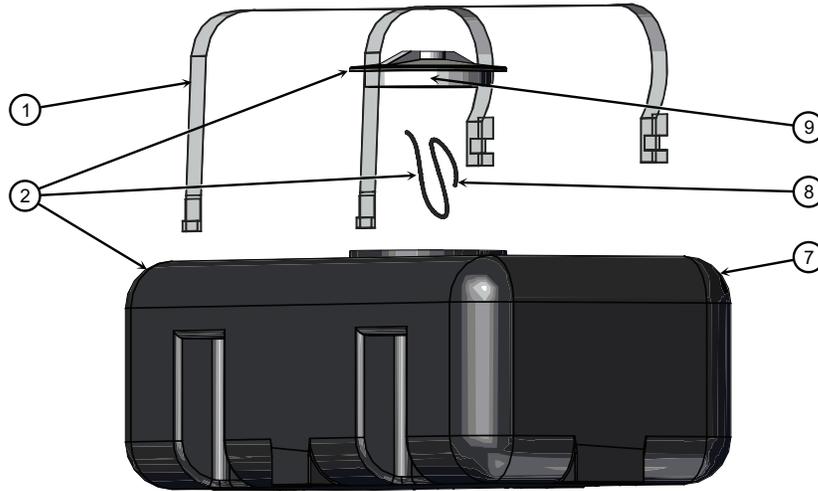
Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999  
**Filter**



BOM ID	Hillco Part No.	Qty	John Deere Part No.	Description
1	1008.16	1		TEE,SWIVEL,NUT,RUN
2	1372802	1		HOSE, 100R17AR-12x31";-12FFORS STRx-16FFORS
3	1372692	1		HOSE, 100R17AR-16x51-1/2";-16FF STRx-16FF 90° 56MM
4	1083.016	1		TEE SAE ORB, RUN -16ORB
5	1001.16.16	1		-16MORB x -16MORFS
6	143441	1	AH125733	FILTER ASSEMBLY, OIL
7	1378281	1		DUAL FILTER MNT
8	156161	1	AH128449	OIL FILTER
9	1008.10	1		SWV,NUT,RUN
10	1001.16.10	1		-16MORBx-10MORFS
11	156119	1	99JD71607	HYDRAULIC FILTER HEAD, SAE-16,4 PSI BYPASS
12	1003.16.12	1		-16MORB x-12MORFS
13	1001.12.16	1		-16MORB X -12MORFS
14	105.006	2		WASHER,FLT 3/8
15	102.006.012	2		BOLT,HEX,GR8 3/8-16X3/4"
16	122.010.020	2	19M7784	BOLT,HEX,FLANGE,CL10.9 M10X20

Model SC1500 Specialty Seed Header  
 For Serial Numbers SC1500-24001 thru SC1500-24999

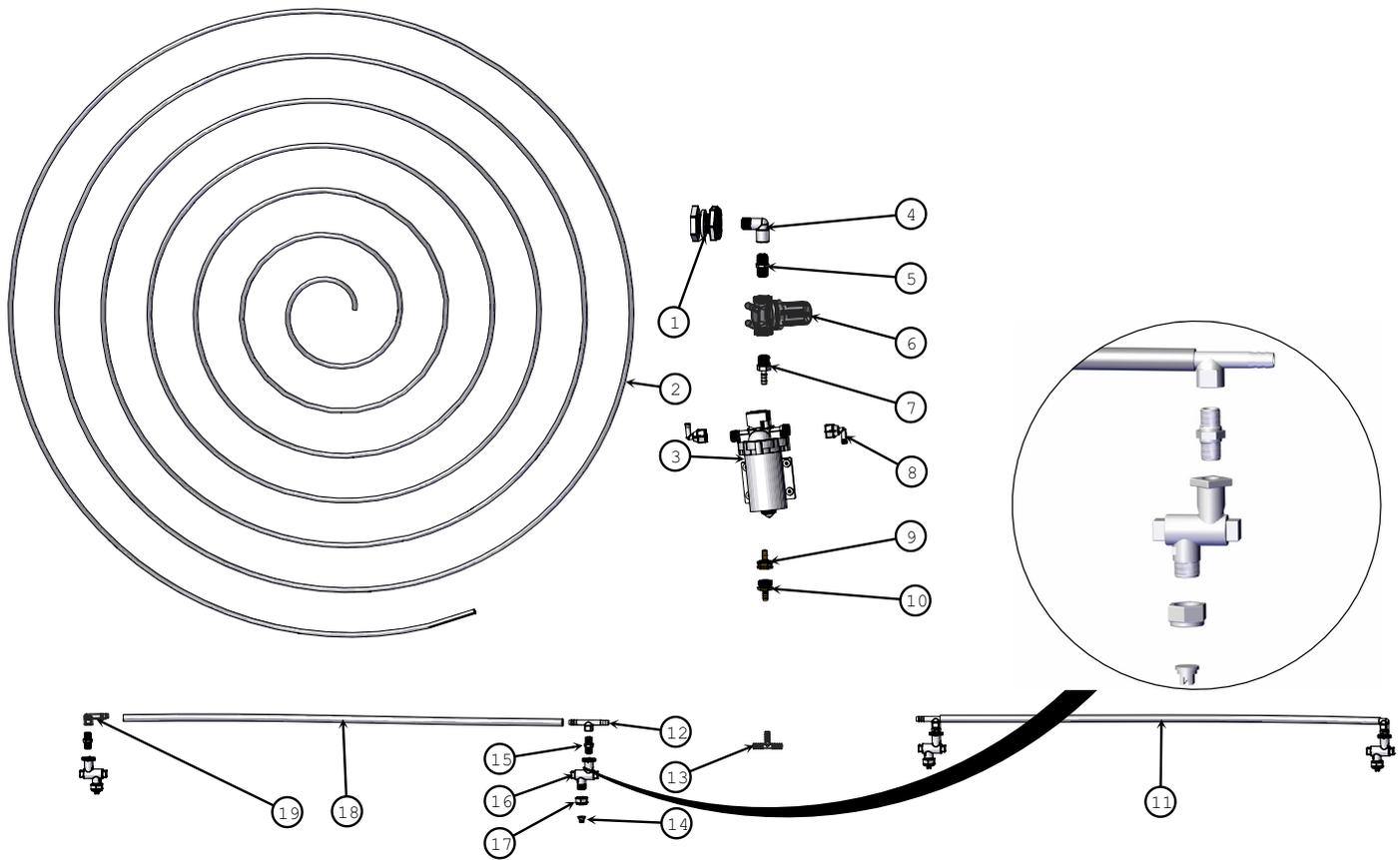
**Spray Kit Option - Frame And Tank**



BOM ID	Hillco Part No.	Qty	John Deere Part No.	Description
1	10298.32.00832	1	50TRSWB	STRAP, WOVEN NYLON 2" X 52"
2	1374691	1	50RTFWB	50 GALLON POLYETHYLENE TANK AND LID
3	1374241	1		SPRAY KIT FRAME
4	127.010	4	14M7400	NUT, HEX, FLANGE, NYLOCK M10
5	1374641	4		TANK STRAP BUCKLE
6	122.010.025	4	19M7785	BOLT, HEX, FLANGE, CL10.9 M10 X 25MM
7	156166	1		50 GALLON POLYETHYLENE TANK
8	10296.02.00288	1	TY15930	NYLON ROPE, 1/8" X 18"
9	156167	1		8" LID WITH AIR VENT

Model SC1500 Specialty Seed Header  
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**Spray Kit Option - Hose And Pump**



BOM ID	Hillco Part No.	Qty	John Deere Part No.	Description
1	156216	1	PMT050	1/2" POLY, EPDM TANK FITTING
2	10304.06.08832	1	K3155-38	TUBING, 3/8" DIA X 552" PVC W/SPIRALED POLY YARD
3	156165	1	2088-343-135	12VDC,45PSI,3.0GPM, 1/2"NPSM DIAPHRAM PUMP, 2088 SERIES
4	156219	1	PMHB050-90	1/2" POLY STREET ELBOW 90°
5	156220	1	PMN1050-SH	1/2" SHORT POLY NIPPLE
6	156221	1	PMLSTM050-50	MINI T-STRAINER W/30 MESH SCREEN
7	156217	1	PMNB050-38	POLY MALE STRT HOSE BARB, 1/2"MPT X 3/8" BARB
8	156169	2	66.234-3916	WINGNUT SWIVEL ELBOW
9	156222	1	3/8GHF	FITTING, 3/8"BARB X FEMALE GARDEN HOSE FITTING
10	156223	1	3/8GHM	FITTING, 3/8" BARB X MALE GARDEN HOSE FITTING
11	10304.06.00568	1	K3155-38	TUBING, 3/8" DIA X 35.5" PVC W/SPIRALED POLY YARD
12	156215	2	13435-406NYB	1/4" FPT X 3/8 HOSE BARB TEE
13	156218	1	3T38	3/8" POLY HOSE BARB TEE
14	156171	4	TP8006EUS	TEE JET 8006EVS SPRAY TIP 80°
15	1078.04	4	PMNIP025-SH	NIPPLE, POLY PIPE 1/4" SHORT
16	156168	4	8600-1/4T-NYB	1/4" FPT 1 OUTLET SWIVEL NOZZLE BODY
17	156170	4	CP8027-NYB	TEEJET NYLON CAP, CP8027-NYB
18	10304.06.00568	1	K3155-38	TUBING, 3/8" DIA X 35.5" PVC W/SPIRALED POLY YARD
19	156214	2	13434-406NYB	ADAPTER, 1/4" FPT 3/8 HOSE SHANK

**Decals**



1377451 (RH)



1377471 (LH)

**! WARNING**

Components behind guards or access doors in this area may rotate possibly several minutes, after power is shut off.

To avoid bodily injury:

1. Look and listen for evidence of rotation.
2. Do not open or move guard or access door until all components have stopped.

156041



**! WARNING**

**AVOID INJURY FROM ROTATING KNIVES**

- Keep hands and feet away while machine is running
- Shut off power to service, lubricate or fold for transport.

156042



**! DANGER**

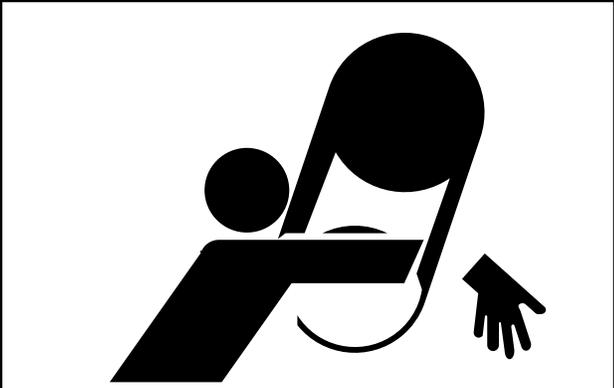
Entanglement in rotating driveline can cause serious injury or death.

Keep all shields in place.

Avoid contact with rotating parts.

156045

**! WARNING**



Avoid serious injury from entanglement. Never raise shield with the engine running. Stop engine and remove key.

156046

**! DANGER**



**PINCH POINT HAZARD**

- Keep hands, feet and body away from moving parts.
- Do not stand or climb on machine when operating.

155139

Model SC1500 Specialty Seed Header  
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**Decals**



147651



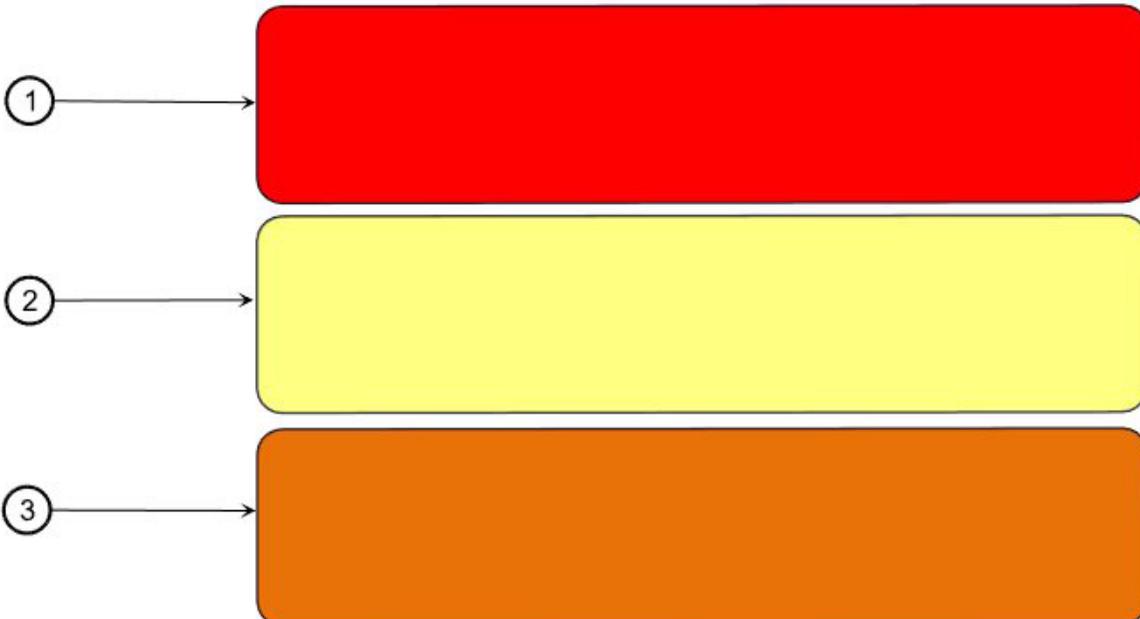
156210



100790



BOM ID	Hillco Part No.	John Deere Part No.	Qty	Description
1	1347431		2	STICKER, RED, 2"X9"
2	1347441		2	STICKER, YELLOW, 2"X9"
3	1347451		2	STICKER, RED/ORANGE, 2"X9"

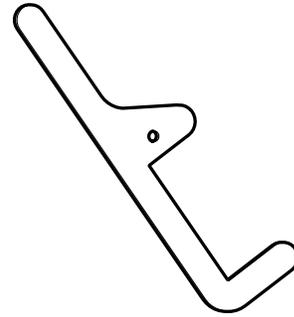


Model SC1500 Specialty Seed Header  
For Serial Numbers SC1500-24001 thru SC1500-24999

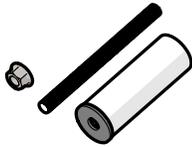
**Specialty Tools**



J13971  
Drum Shaft Alignment Tool



1379701  
Drum Wrench 7"



J16801  
Shaft Puller



J16821  
Lovejoy Driver



1301271  
CAN Gateway