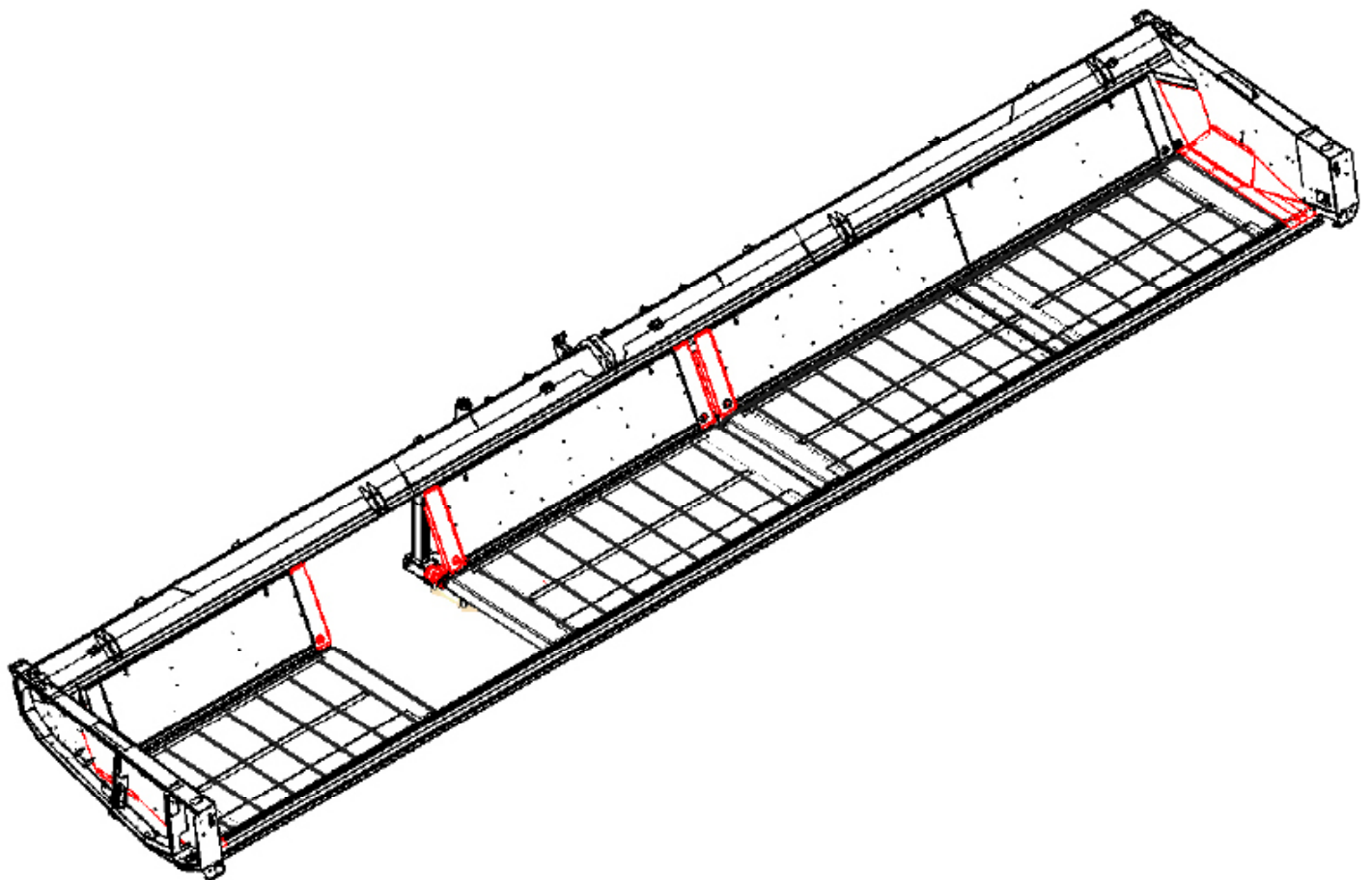


MANUAL SWATH OPTION INSTALLATION KIT 2014 HEADER



**These Instructions are for 36, 40, and 45 ft
4000 SRS Tables.**

INSTALLATION MANUAL - REVISION 1.0 - 94774

Preparation:

This Instruction Manual covers the mounts, hardware, and hydraulic components common for all table sizes in order to install Manual Swath Option on 4000 SRS Header tables.

Table length specific hoses are not included in the kits and must be procured separately. Specific hose lengths required for the appropriate table sizes are listed after the “Kit Parts Lists”. Some hoses are required to be fed through the inside of the frame.



To ensure no debris gets in the hose, plugging/capping the end of the hose is required.



Care must be used when working around pressurized hydraulic systems. All fittings must be securely connected before the windrower is started, and power is applied to the swather. Serious injury, and/or damage to equipment may result from poor connections.

Adding this kit requires tapping into the existing hydraulic system which is full of oil. Steps will need to be taken to minimize oil spillage.

Before starting:

1. Raise the Reel and set the reel lift locks.
2. Raise the Table and set the Feeder House Lift Cylinder Locks.

Hose Lengths

Table Size	QUANTITY	HOSE SIZE	HOSE ENDS
36 ft	2	106"	10 FFX
40 ft	2	120"	10 FFX
45 ft	2	186"	10 FFX

All hoses are 1/2" hoses (3000 PSI rating)

Lengths above are raw hose lengths.

Manual Swath Option Parts List

PART NO.	DESCRIPTION	QTY
1	BOLT 3/8 X 3/4 UNC	1
2	BOLT 3/8 X 1 UNC	2
3	BOLT 3/8 X 1 UNC CARR GR5	5
4	BOLT 1/2 X 1-1/2 NC CARR	2
5	NUT 1/4 UNC NYLOCK	8
6	NUT 1/2 UNC NYLOCK	1
7	NUT 1/4 UNC F/LOCK	14
8	NUT 3/8 UNC F/LOCK	4
9	WASHER FLAT 1/4	8
10	WASHER FLAT 3/8	5
11	WASHER FLAT 1/2	1
12	NUT 1/2 UNC C/LOCK	3
13	NUT 3/8 UNC C/LOCK	4
14	BOLT 1/2 X 2 NC CARR	1
15	BOLT 7/16 X 2-1/2 NC CARR	1
16	WASHER FENDER 3/8	1
17	NUT 7/16 UNC C/LOCK	1
18	BOLT 1/4 X 3/4 NC CARR	8
19	BOLT 1/4 X 1/2 NC CARR	14
20	HYDRAULIC MOTOR 41CC 1" SHAFT BLK	1
21	BOLT 1/2 X 1/2 SHLDR	3
22	BUSHING 0.875X0.5-14GA	3
23	HYDRAULIC ELBOW 10MB-10MF -45	2
24	RH TENSION ADJUSTMENT ASSEMBLY	1
25	DRIVE ROLLER	1
26	IDLER ROLLER	1
27	LH BACK PANEL EXTENSION - DRIVE SIDE	1
28	RH BACK PANEL EXTENSION - IDLER SIDE	1
29	LH BACK PANEL EXTENSION - IDLER SIDE	2
30	DRAPER CONNECTING BAR SPLICING KIT	1
31	DRAPER 362"	1

PART NO.	DESCRIPTION	QTY
32	DRAPER DECK SWAY BAR	1
33	IDLER PLATE INNER	1
34	EYE BOLT 1/2 X 6-1/2	1
35	LH END PANEL SUPPORT STRAP	1
36	RH END PANEL SUPPORT STRAP	1
37	DRAPER DECK RESTRAINER BAR - SHORT - LH	1
38	DRAPER DECK RESTRAINER BAR - LONG - RH	1
39	DEFLECTOR EXTENSION - FRONT - LH	1
40	DEFLECTOR EXTENSION - FRONT - RH	1
41	DEFLECTOR EXTENSION - INNER - LH	1
42	DEFLECTOR EXTENSION - INNER - RH	1
43	DEFLECTOR EXTENSION - REAR - LH	1
44	DEFLECTOR EXTENSION - REAR - RH	1
45	PUSH ROD - FRONT - DRIVE - RH	1
46	MOUNT PLATE - FRONT - DRIVE - RH	1
47	PUSH PLT - FRONT - IDLER - RH	1
48	PUSH PLT - REAR - IDLER - RH	1
49	MOTOR PLATE - DRIVE	1
50	SPCR-.840 X .622 X 3/4 PLTD	1
51	IDLER ROLLER DOUBLE TAPPERED STUD	1

The manual swath option for the 2014 4000 SRS is available for the 36ft, 40ft and 45ft tables. On all sizes the right hand deck is split into two decks. Below is a quick installation manual on how to convert the 4000 series tables into a manual swath option.

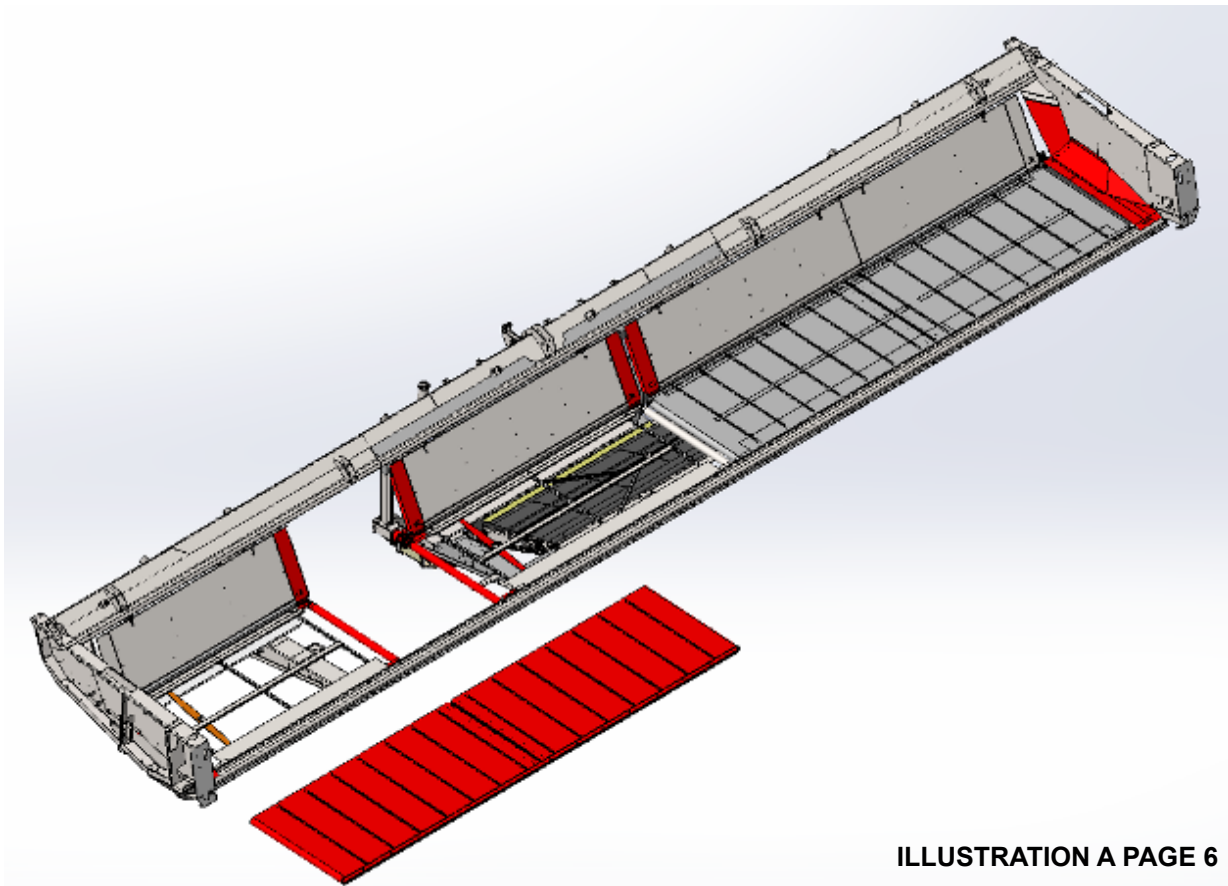


ILLUSTRATION A PAGE 6

Step 1

1. Remove right-hand deck draper and connector bars.

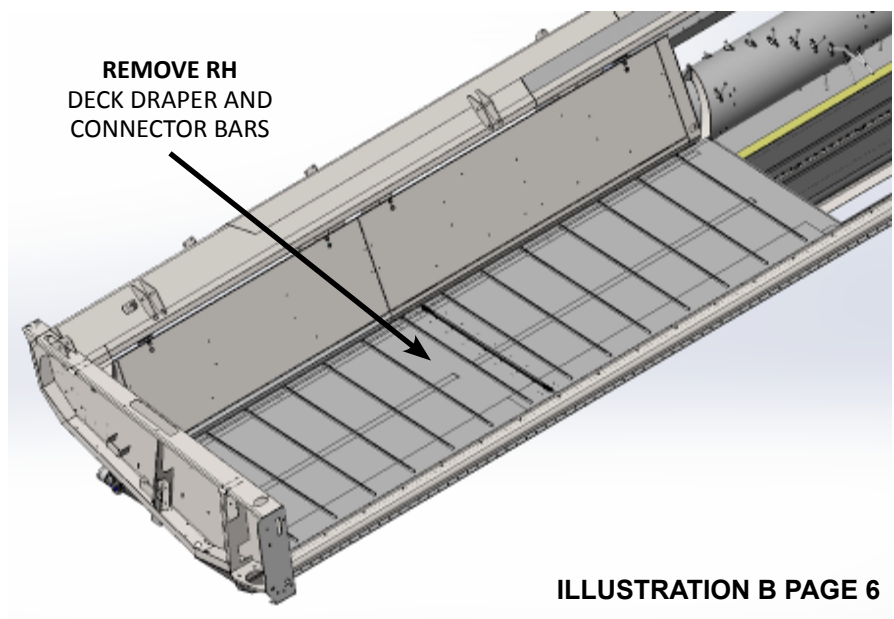


ILLUSTRATION B PAGE 6

STEP 2

Remove the rear axle assembly if the table is equipped with one. This is required since the swath would contact it if it was not removed.

REMOVE
REAR AXLE
ASSEMBLY
IF EQUIPPED

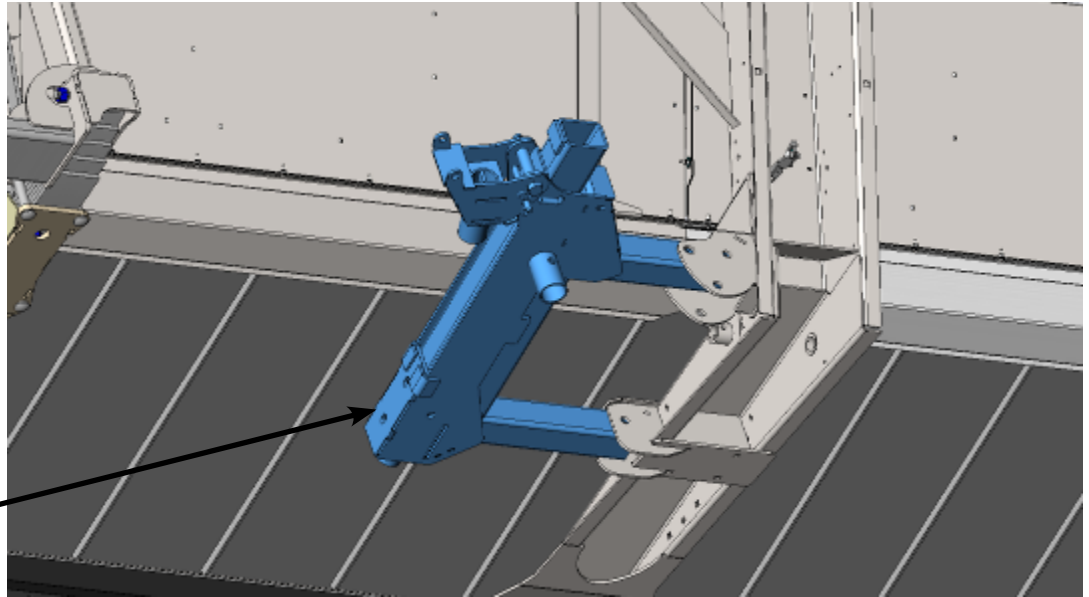


ILLUSTRATION A PAGE 7

STEP 3

Remove the right hand deck rear connector bar.

REMOVE THE RH DECK
REAR CONNECTOR
BAR

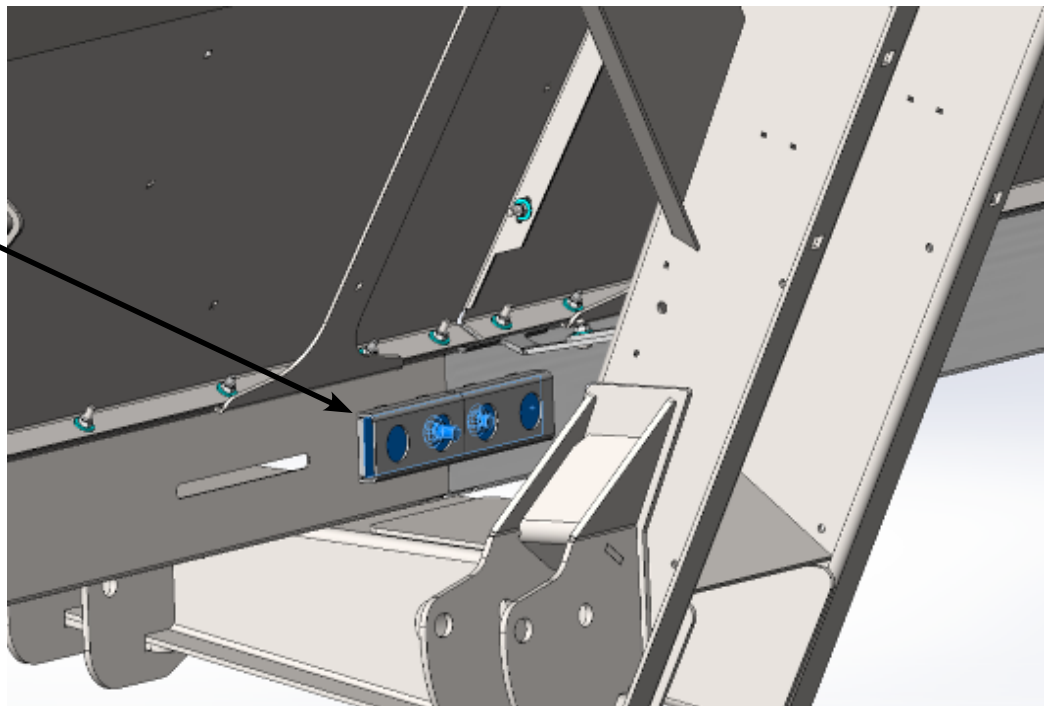


ILLUSTRATION B PAGE 7

STEP 4

Remove the right hand deck front connector bar.

RH DECK
FRONT CONNECTOR
BAR

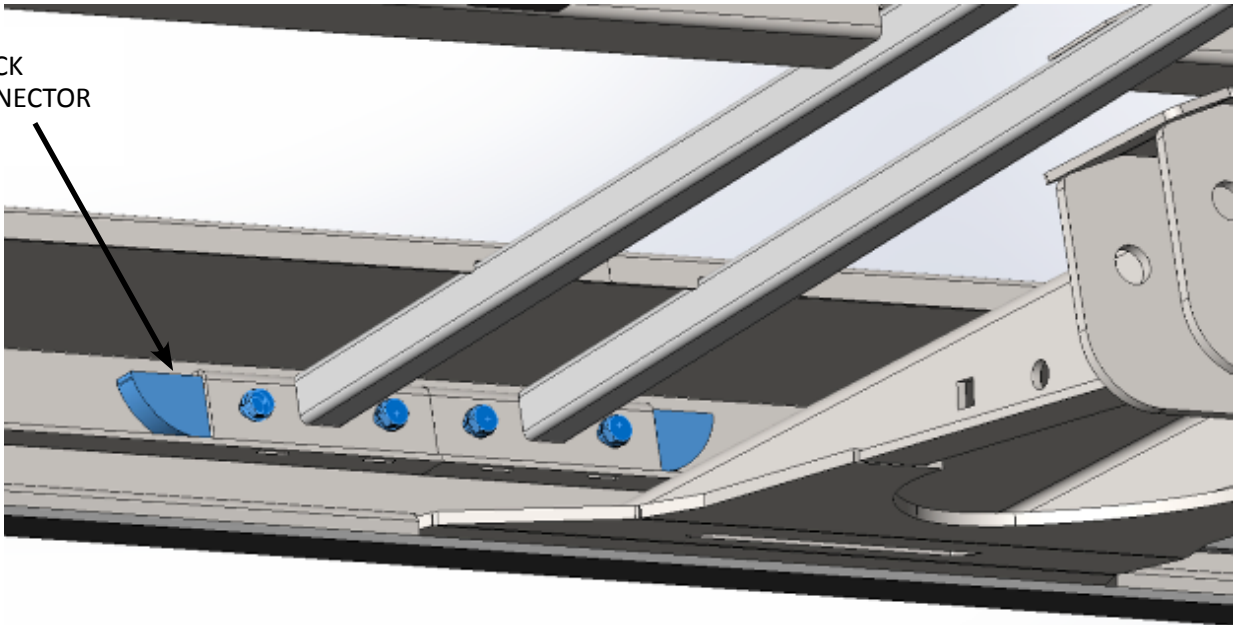


ILLUSTRATION A PAGE 8

STEP 5

Remove the right hand deck restrainer bar. Keep it as it will have to be reinstalled.

RH DECK
RESTRAINER
BAR

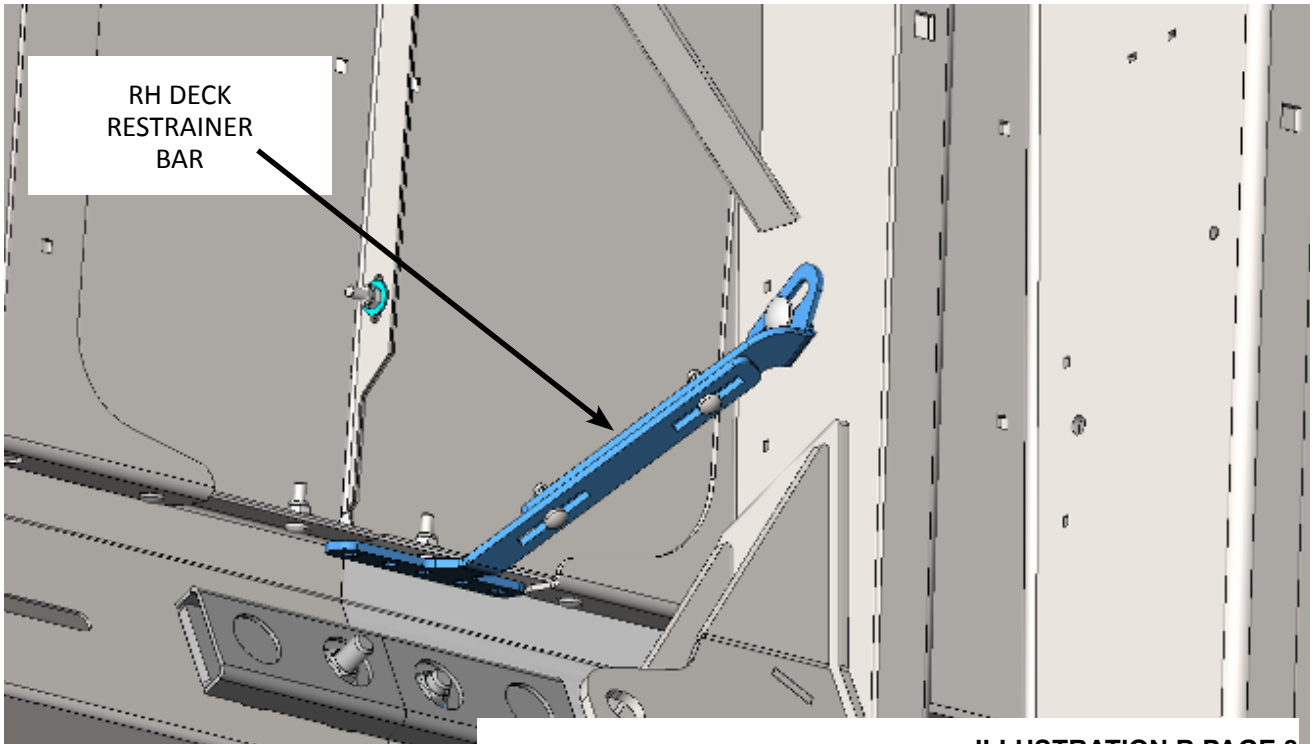
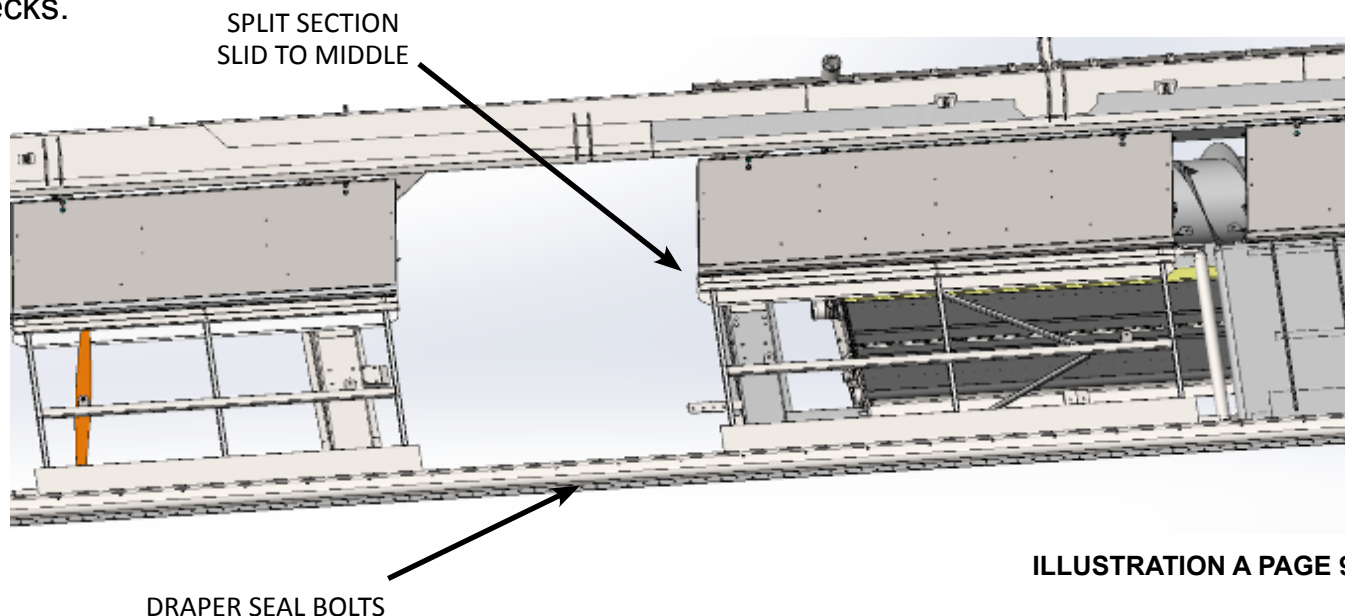


ILLUSTRATION B PAGE 8

STEP 6

Split the decks and slide the deck closest to the middle of the table toward the LH deck. You may have to loosen the draper seal hold down bolts in order to shift the decks.



STEP 7

Install new back panel extensions. The original ones on the decks are too short to use while swathing with the 4000 SRS Table.

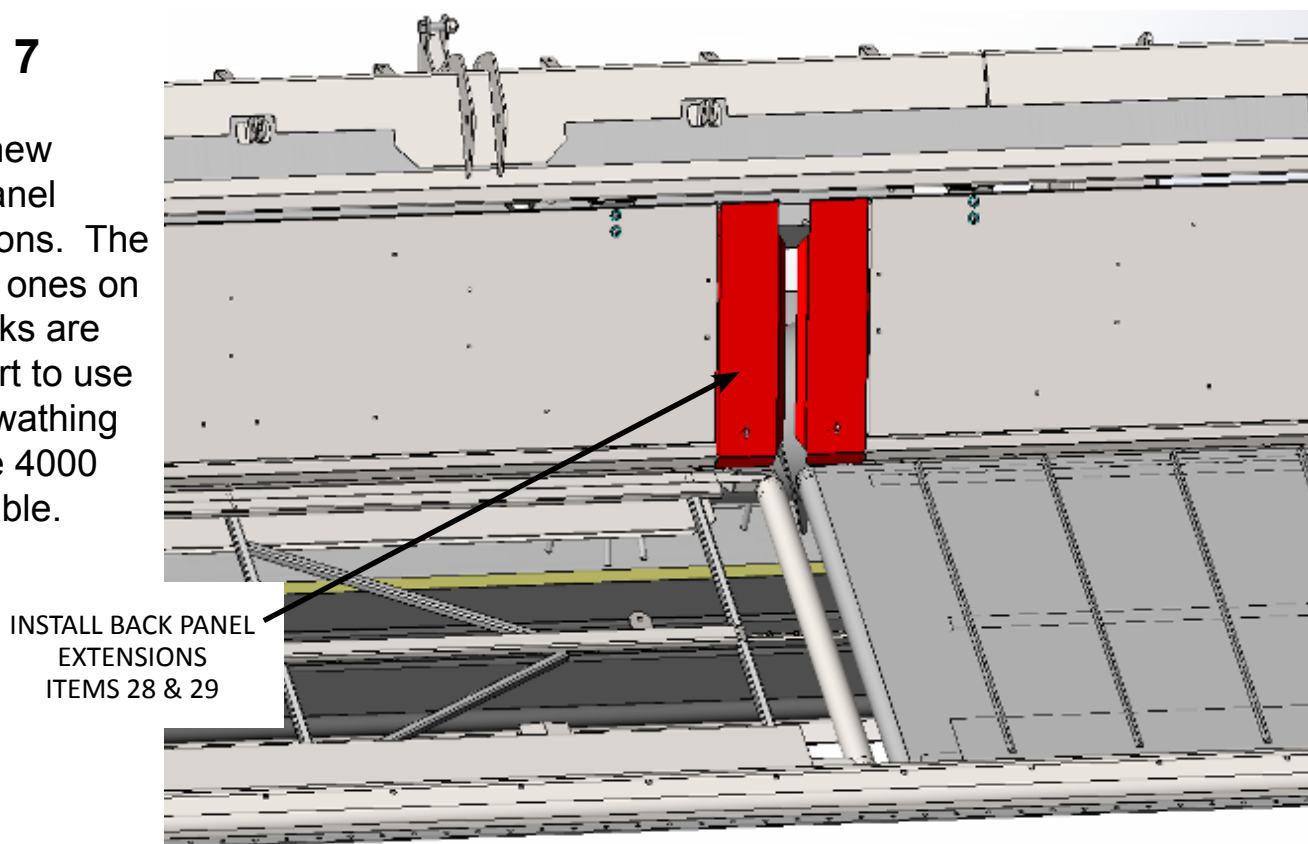


ILLUSTRATION B PAGE 9

STEP 8

Install the Drive Roller and all necessary hardware onto the the middle deck.

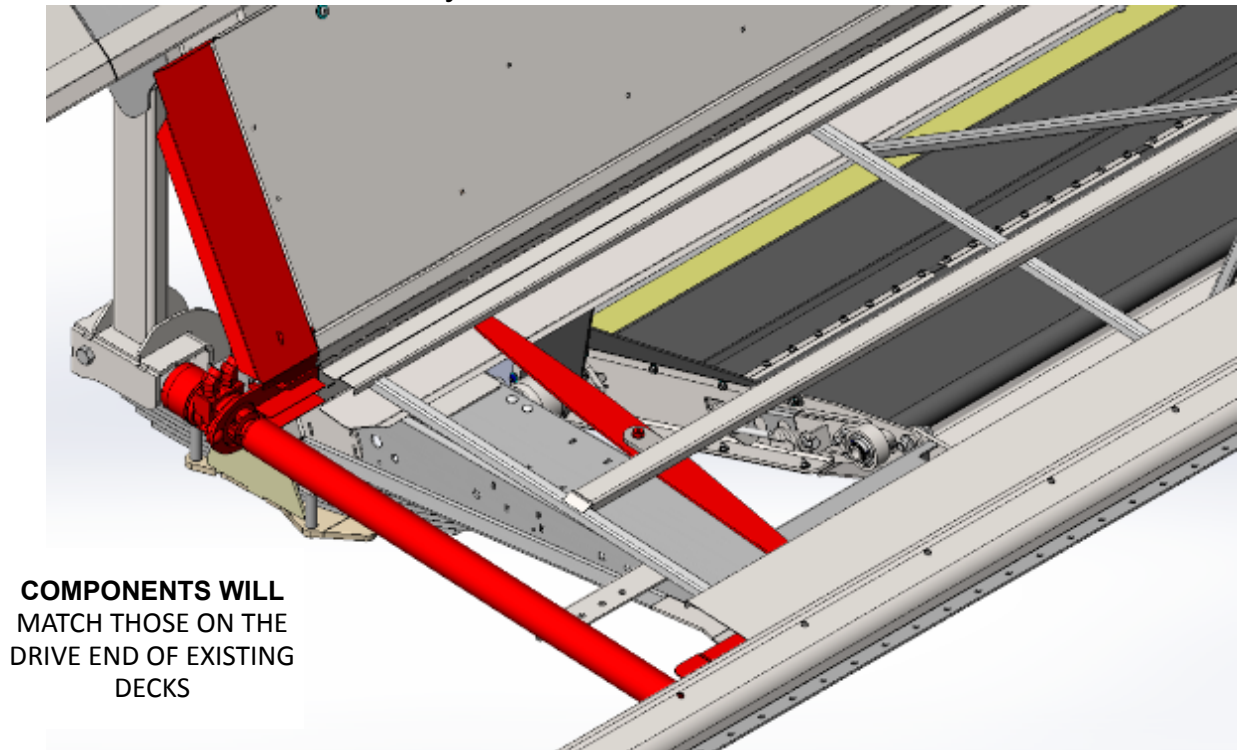


ILLUSTRATION A PAGE 10

STEP 9

Install the Idler Roller onto the Right Hand Deck.

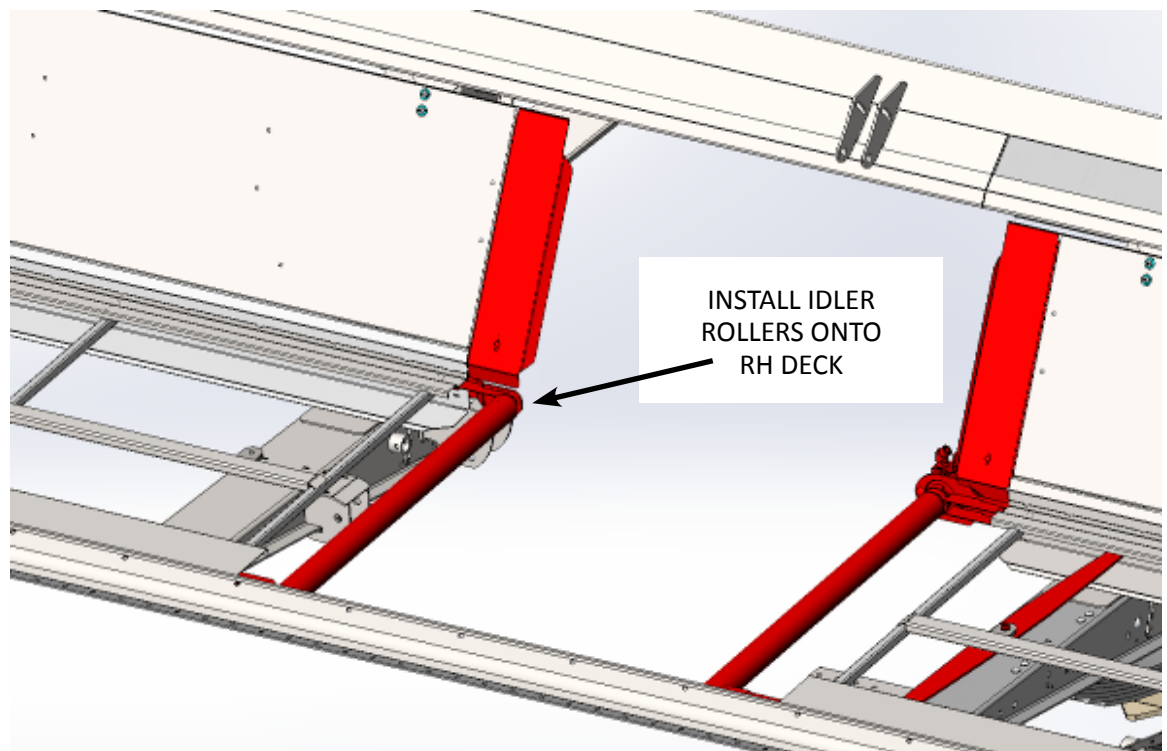
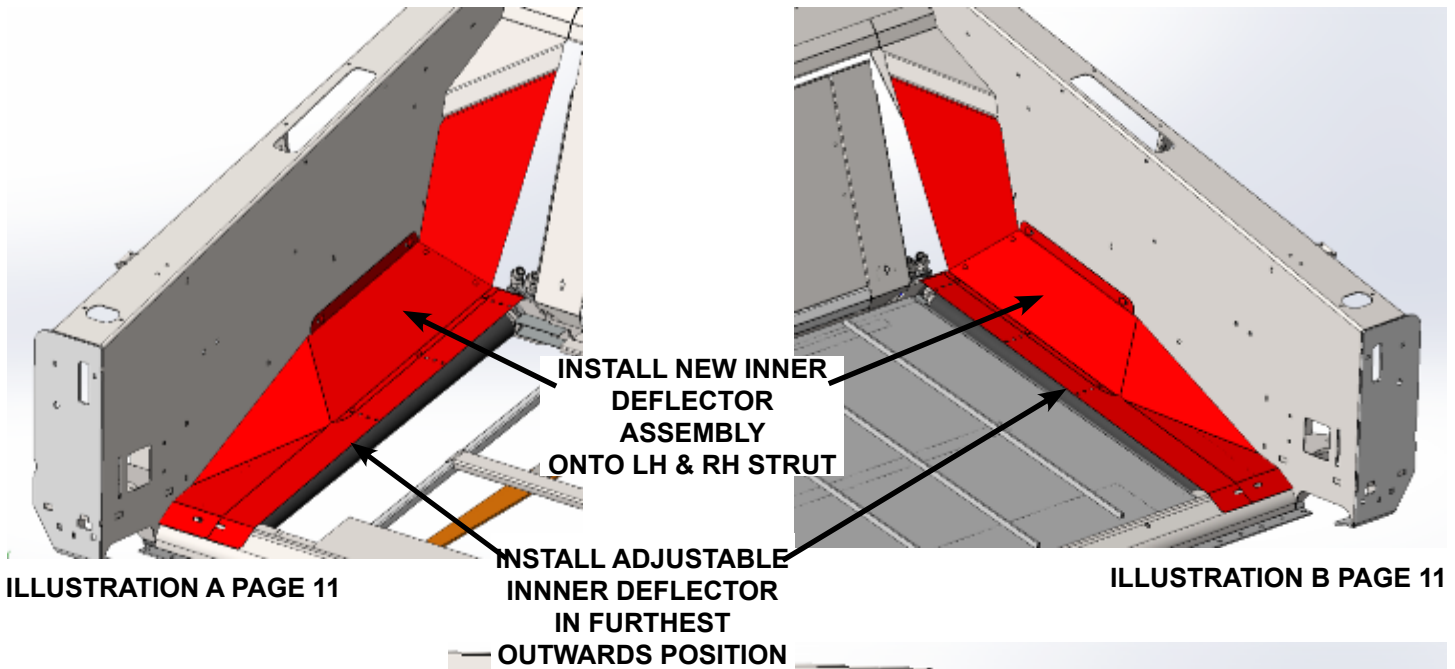


ILLUSTRATION B PAGE 10

STEP 10

Install the new adjustable inner deflectors onto the left and right hand end strut. The adjustable inner deflector allows the decks to be shifted inward to produce the correct deck opening. Make sure to install the adjustable portion in the furthest outward position. Use Items 39 through 44.



STEP 11

Adjust RH and LH Deck laterally. The distance between the Back Panel Flange and the End Strut is approximately 15 11/16" for both the LH and RH decks.

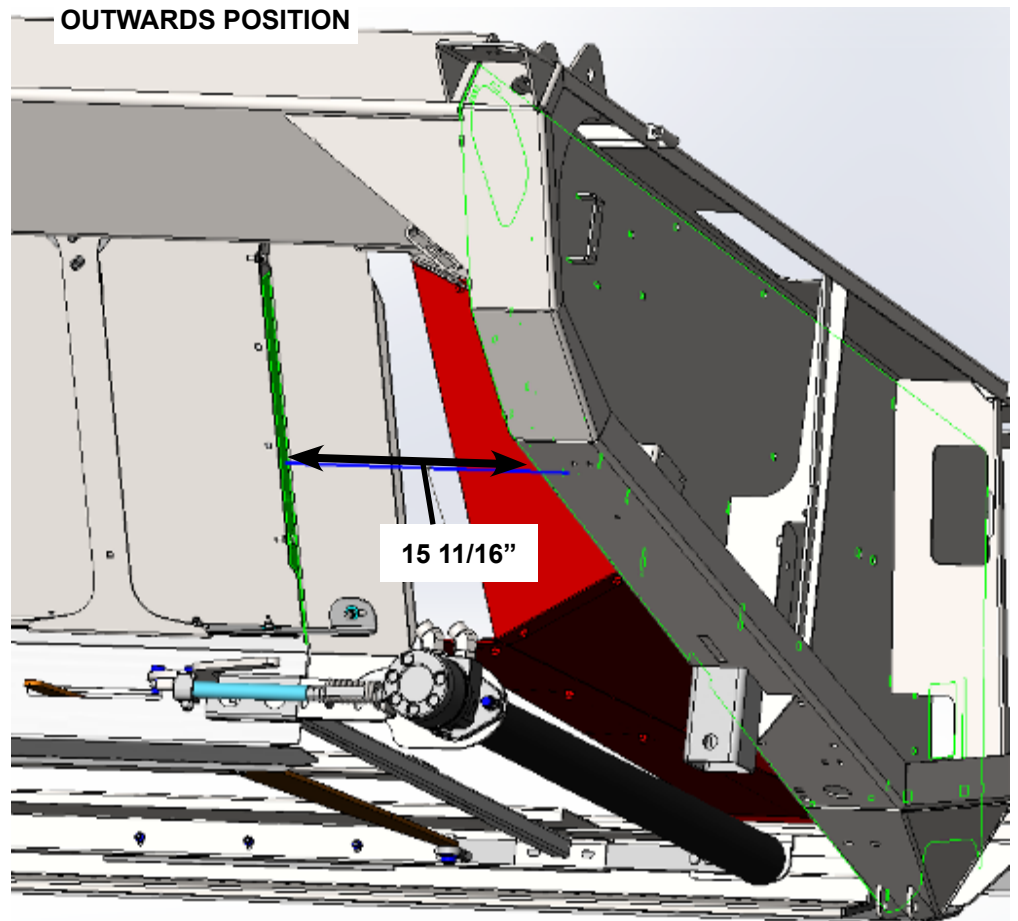


ILLUSTRATION C PAGE 11

STEP 11

Reinstall the Deck Restrainers onto the LH and RH Decks.

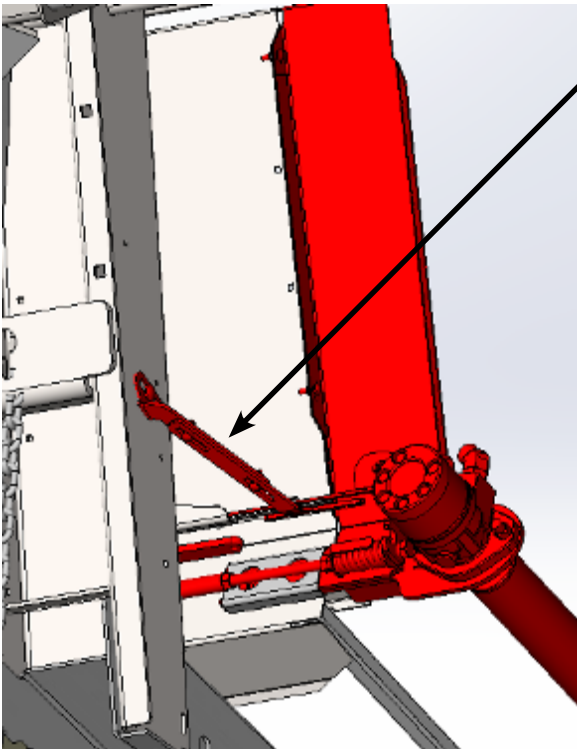


ILLUSTRATION A PAGE 12

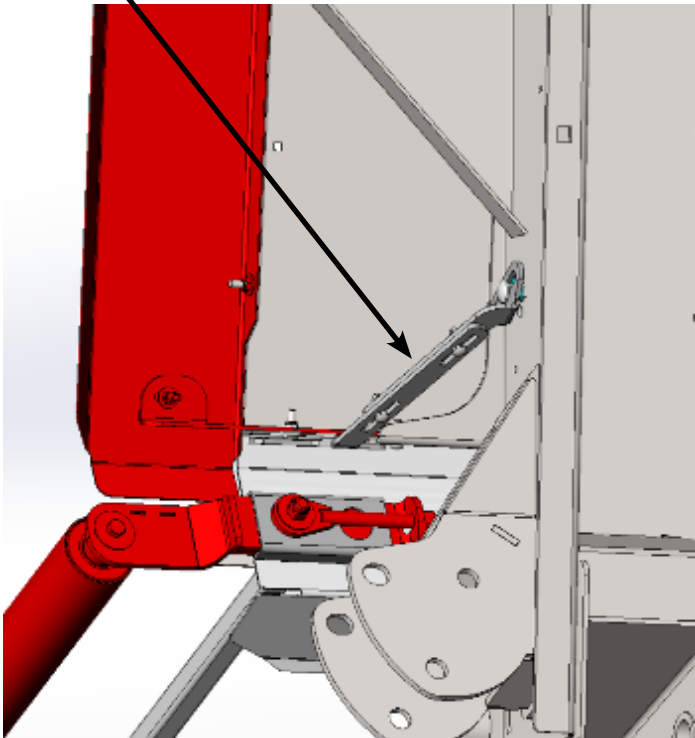


ILLUSTRATION B PAGE 12

STEP 12

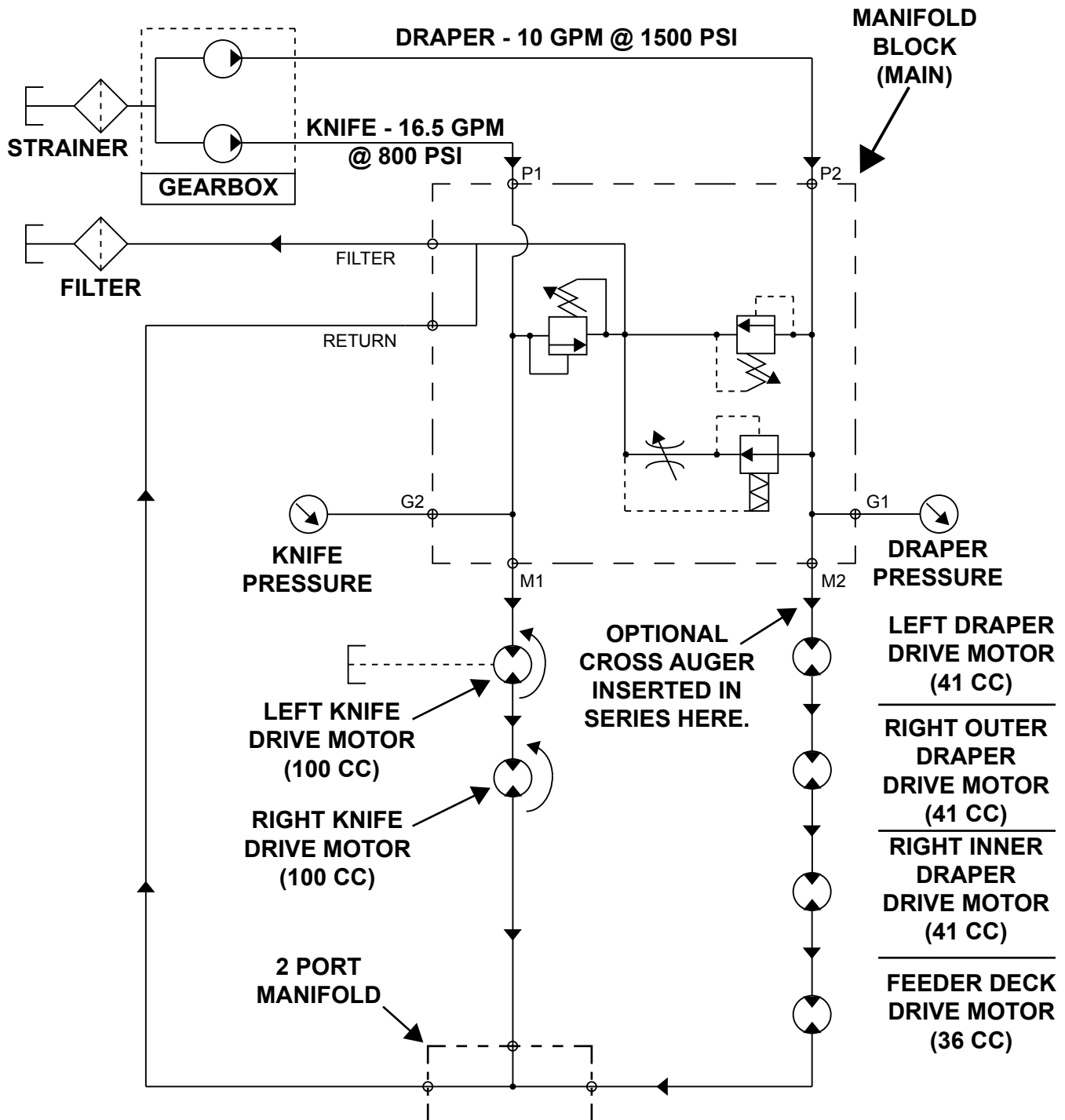
The next step is to cut the Drapers (both the one that was removed and the additional one in the kit) to the required length and install on the split Deck Assemblies. The following list shows the length of Drapers required.

TABLE	LENGTH 1	LENGTH 2
36 FT	179"	214"
40 FT	214"	227"
45 FT	214"	287"

Please follow instructions in the Operator’s Manual on how to cut and drill holes in the Drapers.

STEP 14

Install the hydraulic hoses onto the Middle Deck Motor. In order to supply pressure to the Middle Deck Motor, the hydraulic lines supplying the Center Feeder Deck Motor will be redirected to the Middle Deck Motor first, then they will go back through the Feeder Deck Motor. When the Deck assemblies are used to feed the Combine instead of swathing (Middle Deck shifted over to the right) the Middle Deck will receive its pressure before the Feeder Deck.



The hydraulic hose supplying the Feeder Deck Motor will be too short to use to supply the Middle Deck Motor. Therefore a new set of hydraulic hoses will need to be made, as they are not included in the kit. A 36 FT Table will require two 106" hoses, the 40 FT Table two 120" hoses, and the 45 FT Table two 186" hoses.

Cut the required length of hose out of 1/2" hydraulic hose with a minimum pressure rating of 3000 psi. Crimp straight 10FFX (Female Flat Seal Swivel) hose fittings onto both ends of the hoses. Install the two new hoses following the schematic on the previous page. One additional 10MF - 10MF nipple will need to be included to connect the supply line coming from the RH Deck with the new hose.



Make sure to anchor the hoses to the decks after they are installed so the hoses do not get damaged during operation or during shifting of the decks.

STEP 15

The last step is to remove the Auger Drum Drive Shaft. This needs to be done when swathing with the Manual Swath Option since the Auger Drum does not need to be spinning since it is not doing anything. Also if it is possible, disengage the Combine Thresher Drive while keeping the Feeder House PTO Drive running. This will make sure you are not putting hours and wear on the Thresher parts.

