

Row Unit Conversion Instructions

for:

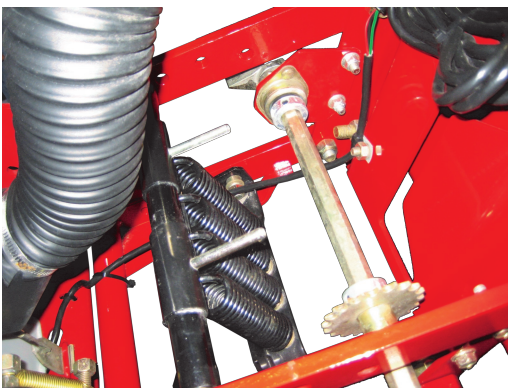
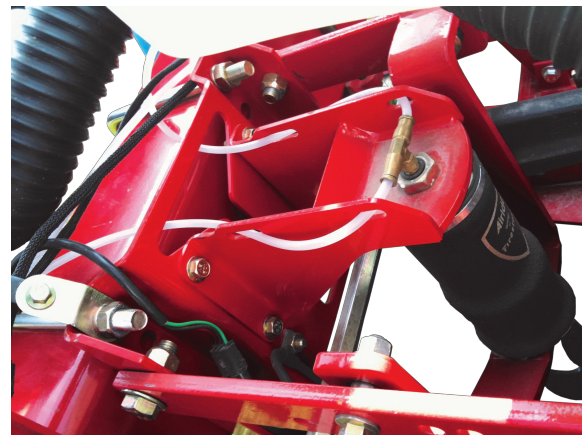
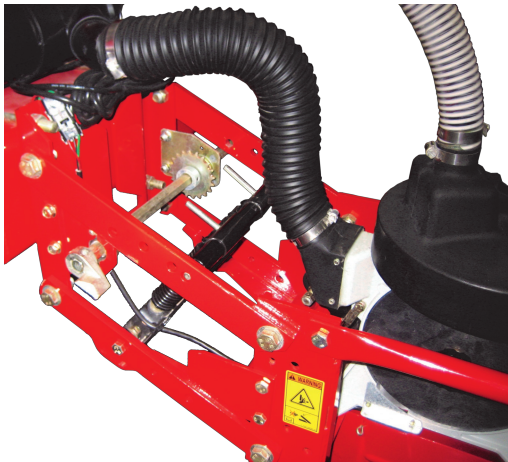
planter models:White 5000/6000/8000

to convert from **Existing Springs**:.....White Adj. Center Springs,
(Center Quad)

to **Resulting Forces Controlled**:.....Down and Lift

with **Conversion Kit**:.....726640

Existing Springs



This conversion process applies to White planters with Spring or Pneumatic down force systems. The examples shown are generalizations for illustrative purposes; some components shown here may not apply to your particular planter. Special notes will be made throughout the following instructions to encompass individual model needs as necessary. Images illustrating a completed row unit conversion are located at the end of these instructions.

Conversion Kit Components

ITEM	QTY	PART NUMBER	PART NAME	DESCRIPTION
1	1	726101	Spring	Air Bag (Lift)
	1	726646	Hardware Kit	Hardware Kit for 726640**
2	1	726676	Mount	AirSpring Base Mount
3	1	726571	Pivot	AirSpring Base Pivot
4	1	726674	Mount	AirSpring Head Mount
5	1	726684	Link	Stabilizer, White

Quantities are given per row

** See following table for details

Hardware Pack Components

ITEM	QTY	PART NUMBER	PART NAME	DESCRIPTION
6	1	13059	Bolt	5/16" X 1.5" GRD5 Bolt ZN
7	2	13107	Bolt	3/8" X 1.25" GRD5 Bolt ZN
8	2	13209	Bolt	1/2" X 1.5" GRD5 Bolt ZN
9	1	15214	Bolt	1/2" X 2.75" GRD8 Bolt ZN
10	2	33078	Washer	1/4" SAE Flat ZN CL
11	2	33086	Washer	1/2" SAE Flat ZN
12	1	36214	Hex Jam Nut	5/8" Hex Nut ZN CL
13	2	37260	Hex Nut	1/4" Top Lock ZN
14	1	37262	Hex Nut	5/16" Top Lock ZN
15	2	37264	Hex Nut	3/8" Top Lock ZN
16	3	37268	Hex Nut	1/2" Top Lock ZN
17	1	726112	Elbow	1/8"NPT X 1/4"PTC 90°
18	1	726115	Tee	1/4" PTC
19	2	726574	Bushing	1/4"ID X 1/2"OD X 0.23"L
20	2	726651	Bushing	3/8"ID X 5/8"OD X 0.40"L
21	1	879112	Bolt	5/16" X 0.88" GRD5 ZNY w/Nylon
22	2	24620Z	Low Head Bolt	1/4" X 1" Socket Bolt ZN
23	1	24635Z	Low Head Bolt	3/8" X 1" Socket Bolt ZN

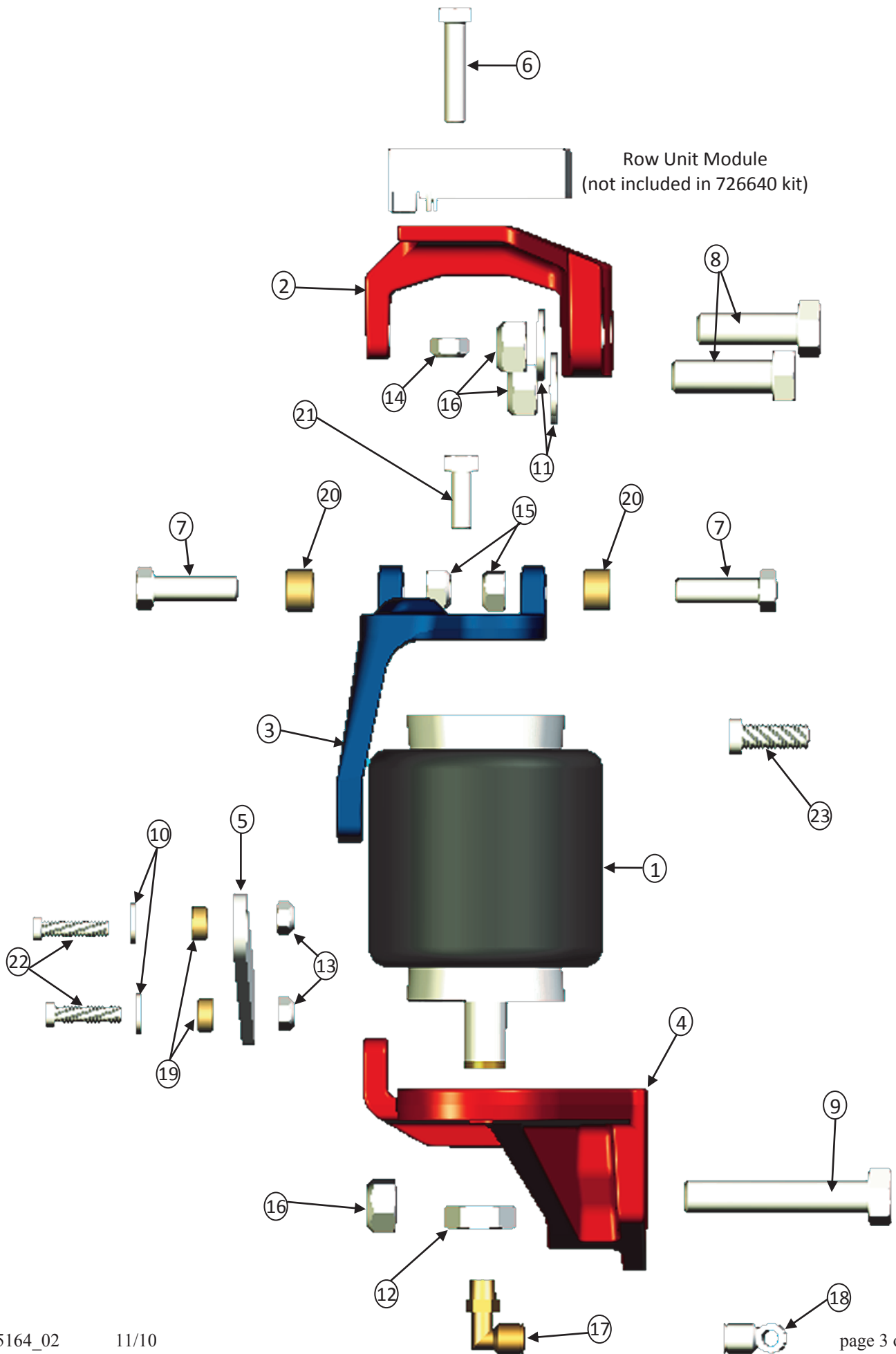
Quantities are given per row

Recommended tools (not provided):

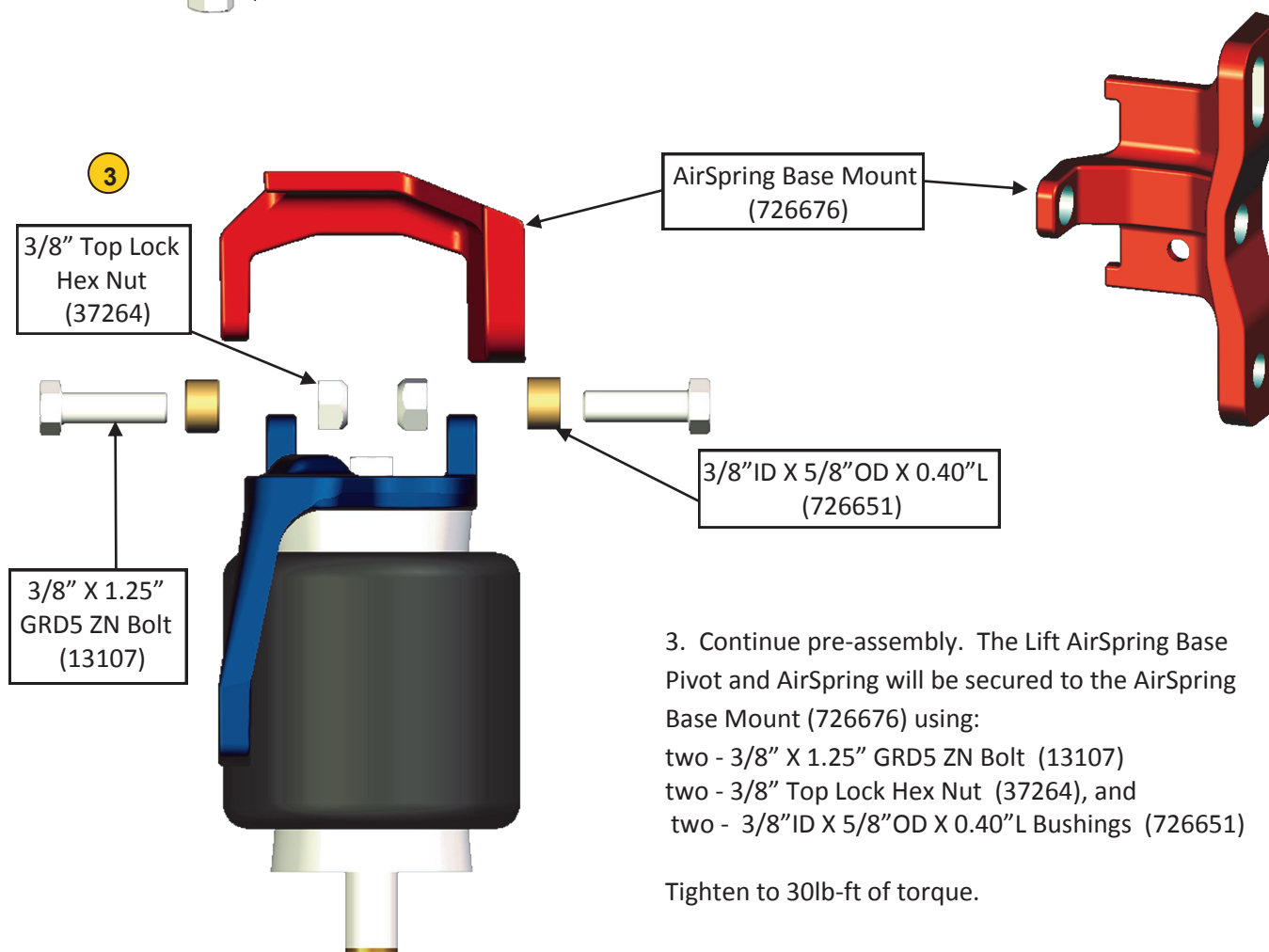
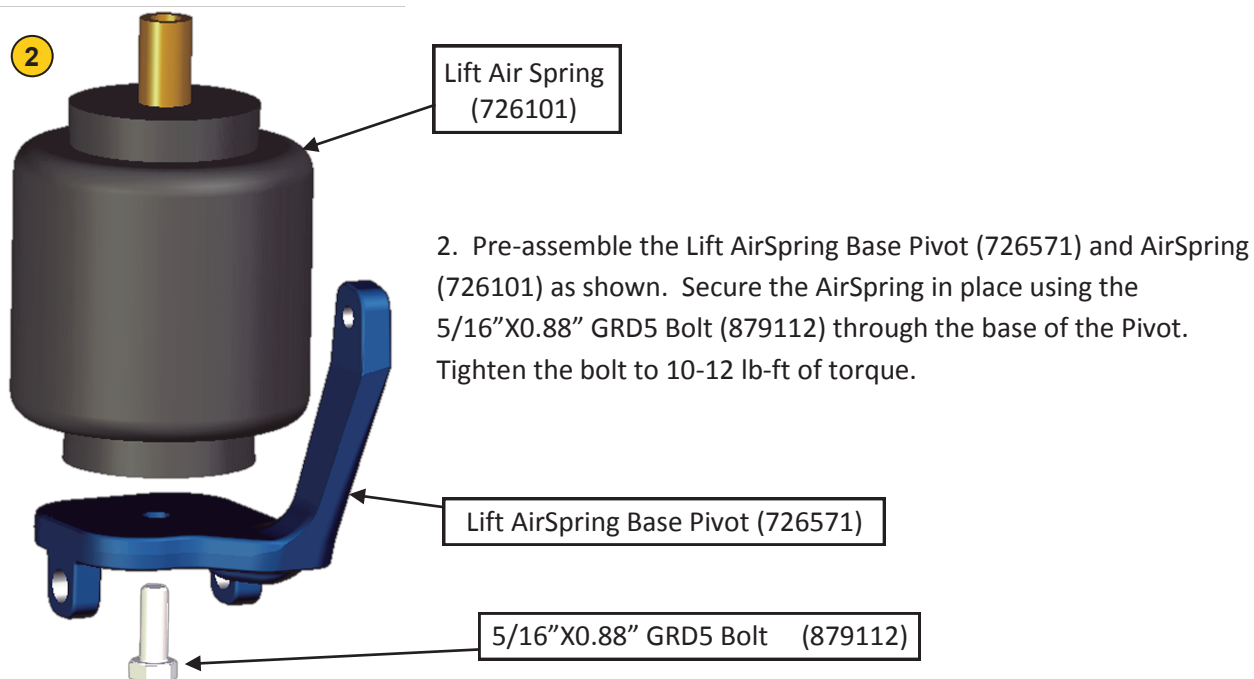
Open end wrenches: 7/16", 1/2", 9/16", 3/4", 15/16"

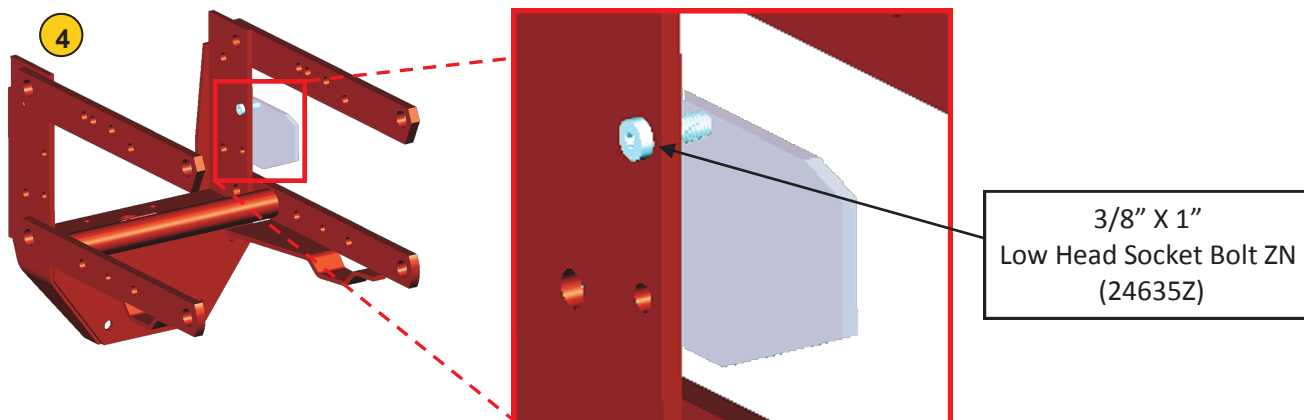
- &/or suitable crescent wrench (s)

Sockets (Deep well recommended): 7/16", 1/2", 9/16", 3/4", 15/16"

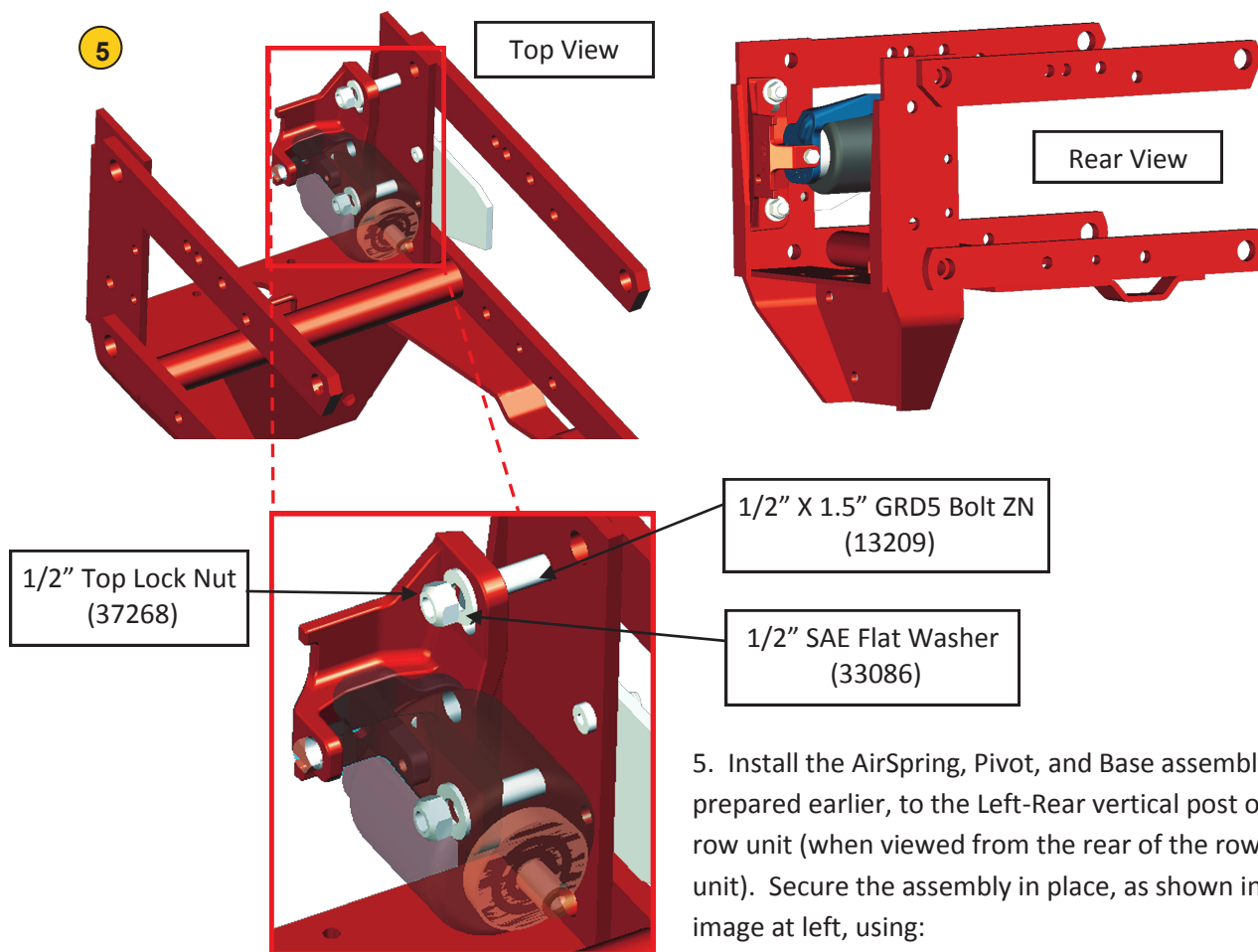


1. Begin installation by removing tension from the existing springs. For rows with a Row Unit Module installed, this will need to be removed prior to installation.





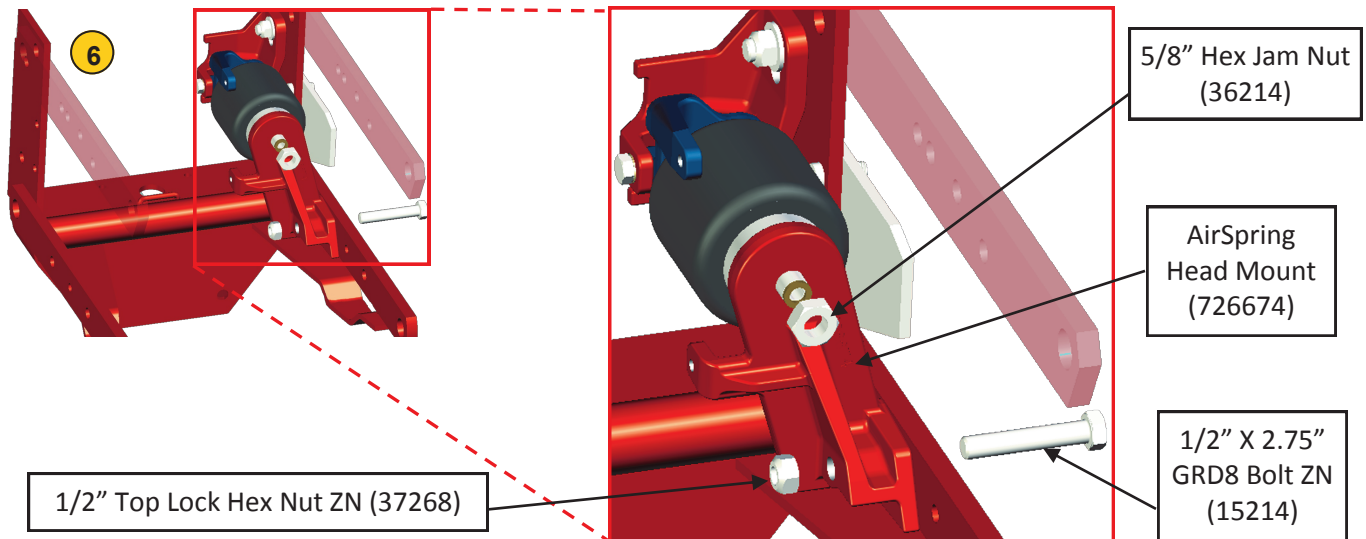
4. Before installing new components on the row unit, replace the existing top bolt in the Stop Plate with the provided 3/8" X 1" Low Head Socket Bolt ZN (24635Z). This will increase clearance once the AirSpring has been installed and inflated. Tighten to 30lb-ft of torque.



5. Install the AirSpring, Pivot, and Base assembly, prepared earlier, to the Left-Rear vertical post of the row unit (when viewed from the rear of the row unit). Secure the assembly in place, as shown in the image at left, using:

- two - 1/2" X 1.5" GRD5 Bolt ZN (13209)
- two - 1/2" SAE Flat Washer (33086)
- two - 1/2" Top Lock Nut (37268)

Tighten to 70lb-ft of torque.

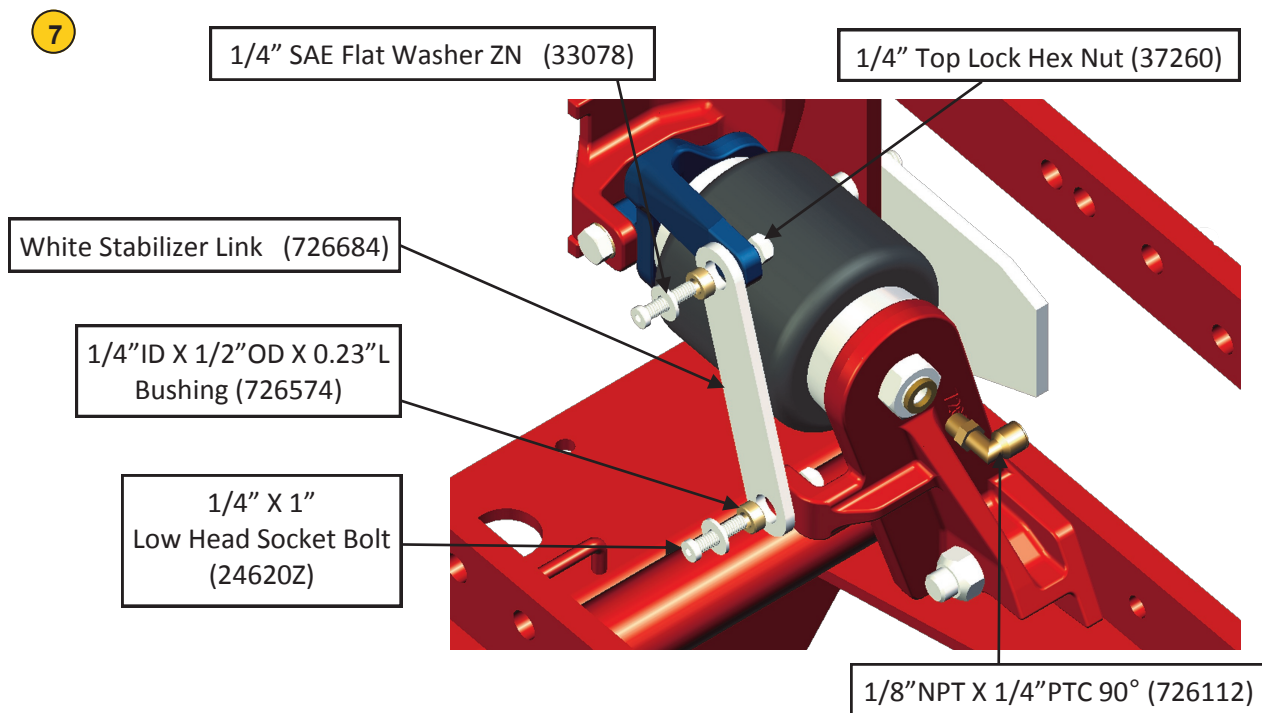


6. Next, secure the forward mounting bolt of the AirSpring to the LOWER-LEFT Parallel arm (when viewed from the rear of the row unit). To do this, install the AirSpring Head Mount (726674); to Lift AirSpring using the supplied 5/8" Hex Jam Nut (36214); and to the Parallel Arm using the supplied 1/2" X 2.75" GRD8 Bolt (15214) and 1/2" Top Lock Hex Nut (37268)

Tighten the Jam Nut to 10-12lb-ft of torque.

Tighten the bolt to 80-110lb-ft of torque

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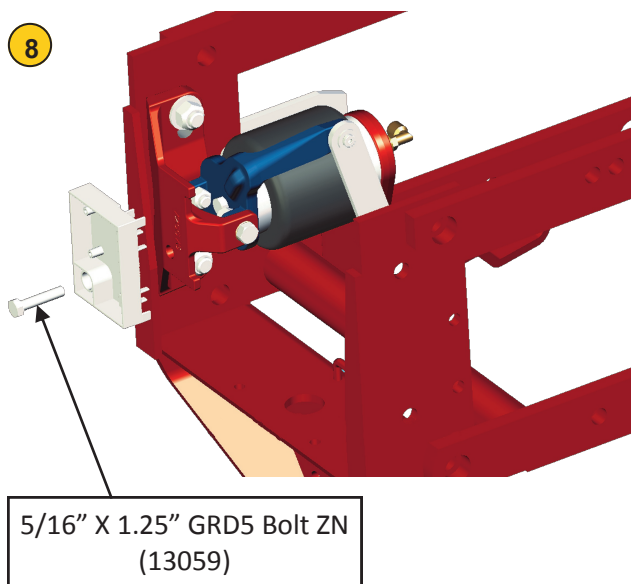


7. Next, connect the two cast component assemblies using White Stabilizer Link (726684). Secure both ends of the Link in place as shown using the supplied hardware:

- two - 1/4" X 1" Low Head Socket Bolt (24620Z)
- two - 1/4"ID X 1/2"OD X 0.23"L Bushing (726574)
- two - 1/4" SAE Flat Washer ZN (33078)
- two - 1/4" Top Lock Hex Nut (37260)

Tighten the 1/4" bolts to 8 lb-ft of torque.

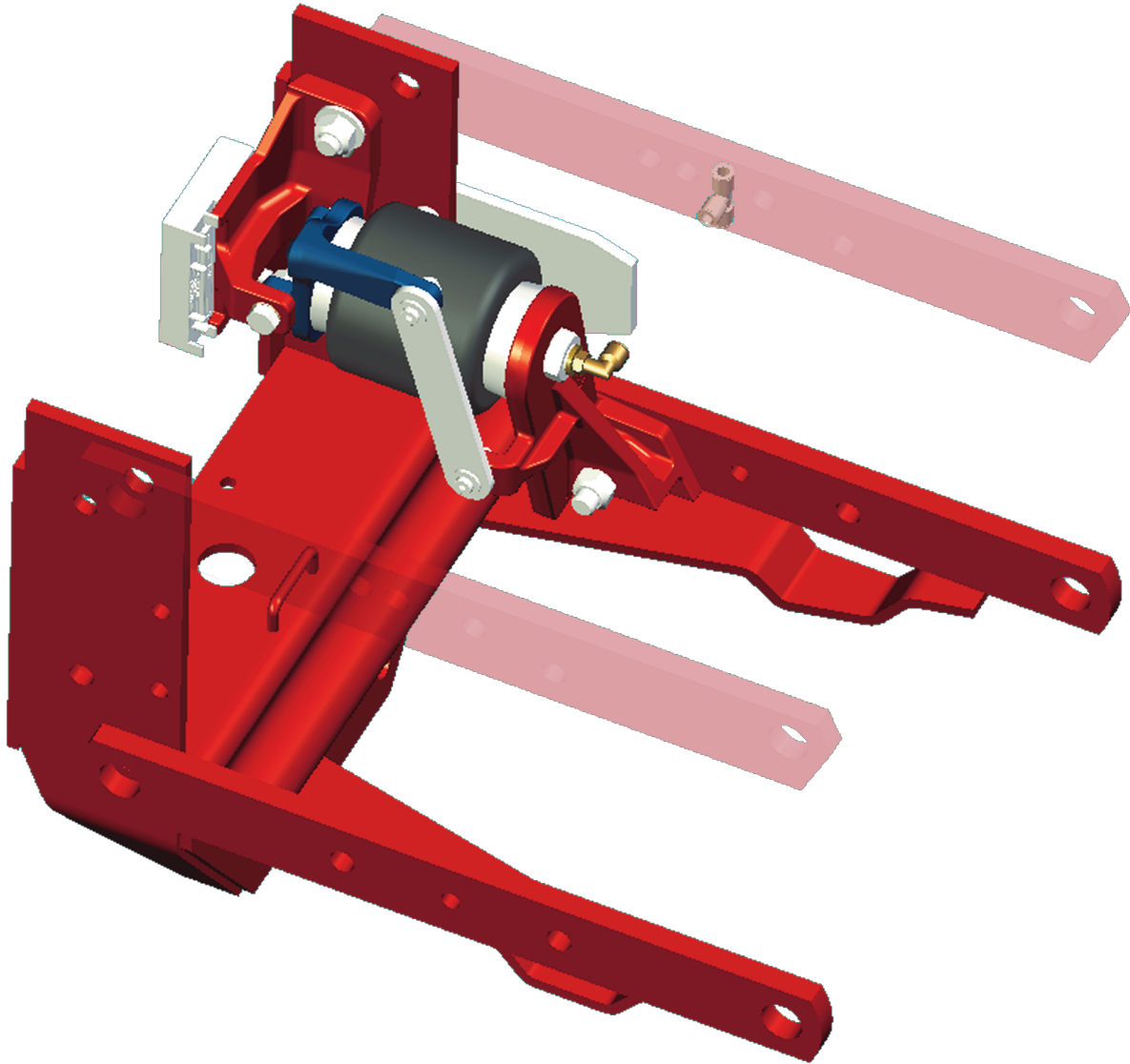
Install the 1/8"NPT X 1/4"PTC 90° (726112) into the top of the AirSpring . Torque recommendation for this fitting is 'Hand tight plus 1 turn'.



For row units with a Row Unit Module, this should be installed at the rear of the AirSpring Base Mount using the supplied 5/16" X 1.25" GRD5 Bolt ZN (13059).

9. Check tightness of all bolts and nuts, and freedom of motion/clearance of all components.

Completed Row Unit Conversion



726640
White Lift AirForce