

Row Unit Conversion Instructions

for:

planter models:JD17XX / 7200 / 7300

to convert from Existing Springs:.....JD HD Adj. Center Springs,
JD Light & HD Side Springs
JD HD Springs (Center Quad)

to Resulting Forces Controlled:.....Down Only

with Conversion Kit:.....726585

Existing Springs



This conversion process applies to planters with **Regular** or **Long** parallel arms and **Chain** or **Pro Shaft** driven meters. The examples shown below are diagrams for a planter with regular parallel arms; 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. Images illustrating a completed row unit conversion are located at the end of these instructions.

Conversion Kit Components

QTY	PART NUMBER	PART NAME	DESCRIPTION
1	726100	Spring	Air Bag (Down)
1	726549	Support	Air Spring Base
1	726551	Bracket	Air Spring Head Mount

Quantities are given per row

Hardware Pack Components

QTY	PART NUMBER	PART NAME	DESCRIPTION
1	13005	Bolt	1/4-20 x 1 GRD 5 BOLT ZN
1	36266	Hex Jam Nut	3/4-16 Nut ZN CL
2	38671	Bolt	M10-1.5 x 130 ZN CL
1	38772	Bolt	M16-2.0 x 130 ZN CL
2	90702	Flange Nut	M10-1.5 HEX NUT
1	95207	Bolt	1/2"-13 X 1.25 GRD5 ZNY
2	162348	Bolt	M10-1.5 x 55 ZN Y
1	162436	Bolt	M16-2.0 x 45 ZN Y
2	726098	Bushing	1/2 - 1 x .92 Sleeve Bearing
1	726099	Bushing	1/2 - 7/8 x .92 Sleeve Bearing
1	726113	Male Tee	1/8 NPT x 1/4 PTC Tee
1	726115	TEE	1/4 PTC
3	726205	Hex Nut	M12-1.75 Top Lock Nut ZN Y
1	726291	Hex Nut	M16-2.0 Top Lock Nut ZN Y
3	726508	Bolt	M12-1.75 x 50 Class 10.9 ZN Y
1	726631	TIE STRAP	17" x 3/16" UV BLACK

Quantities are given per row

Recommended tools (not provided):

Open end wrenches: 7/16", 15/16", 1-1/8", 15MM, 16MM, 19MM, & 24MM

- or suitable crescent wrench (s)

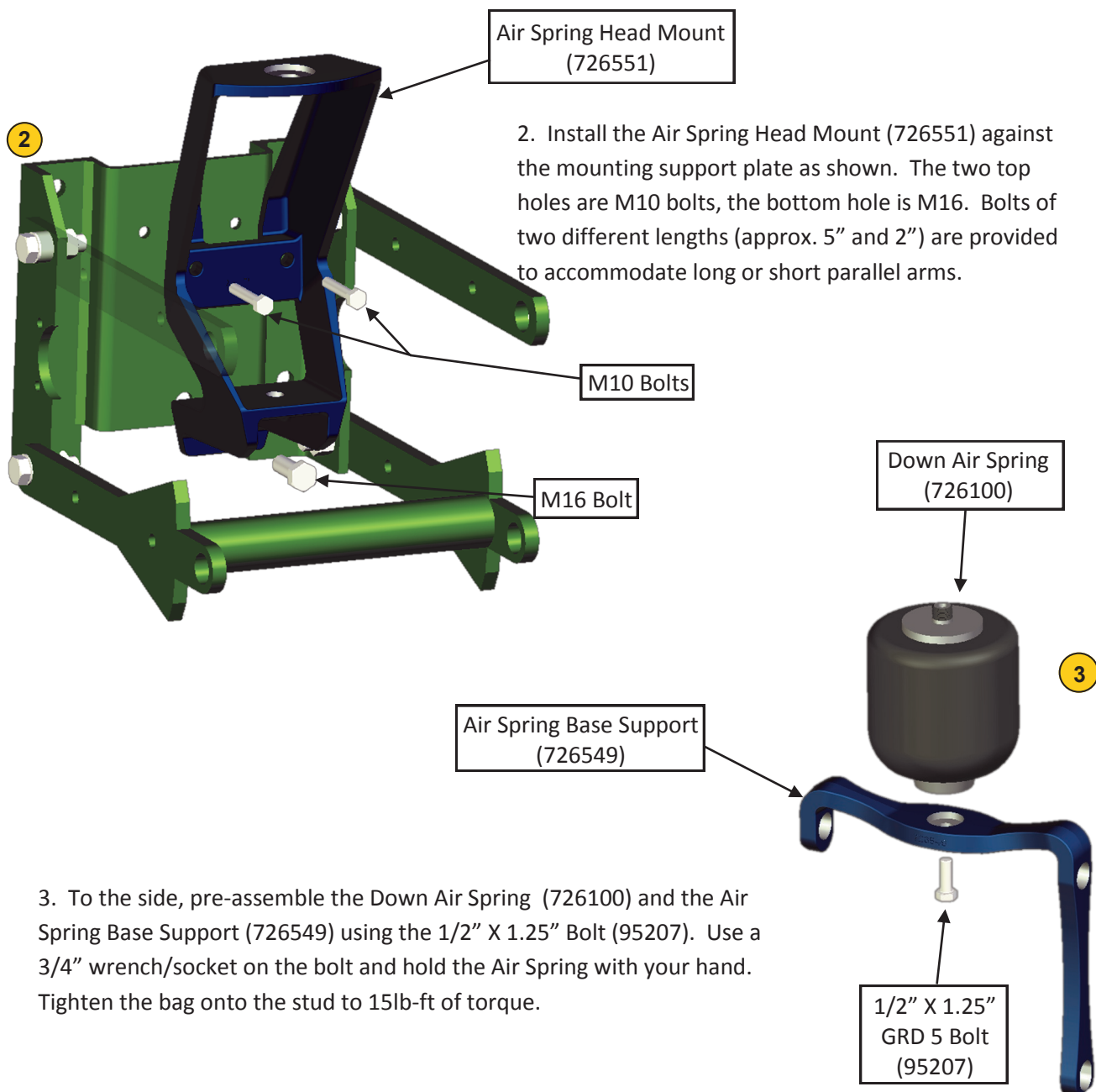
Sockets (Deep well recommended): 3/4", 16MM, 17MM, 19MM, & 24MM

1. Begin installation by removing tension from the existing springs. Once the tension is removed, remove the existing spring assembly and set aside.



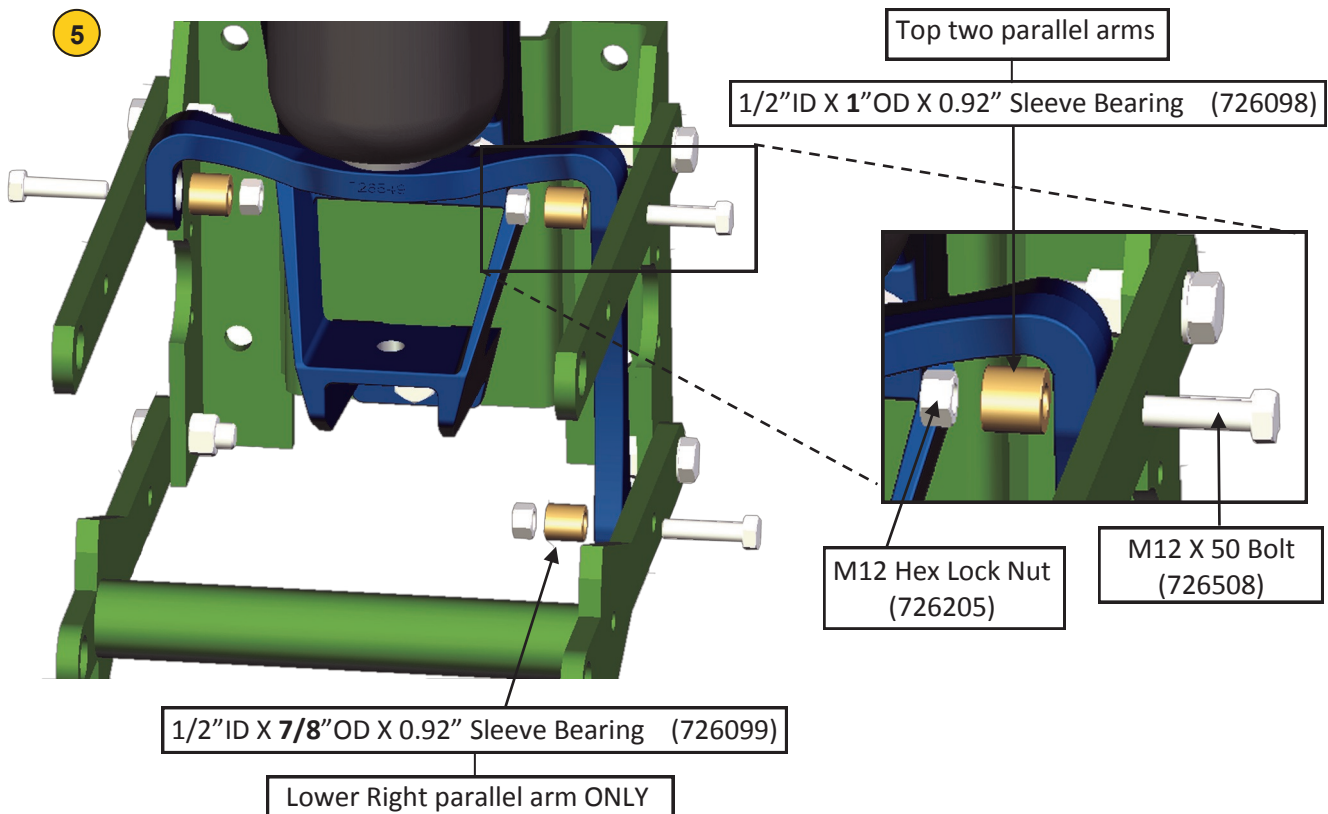
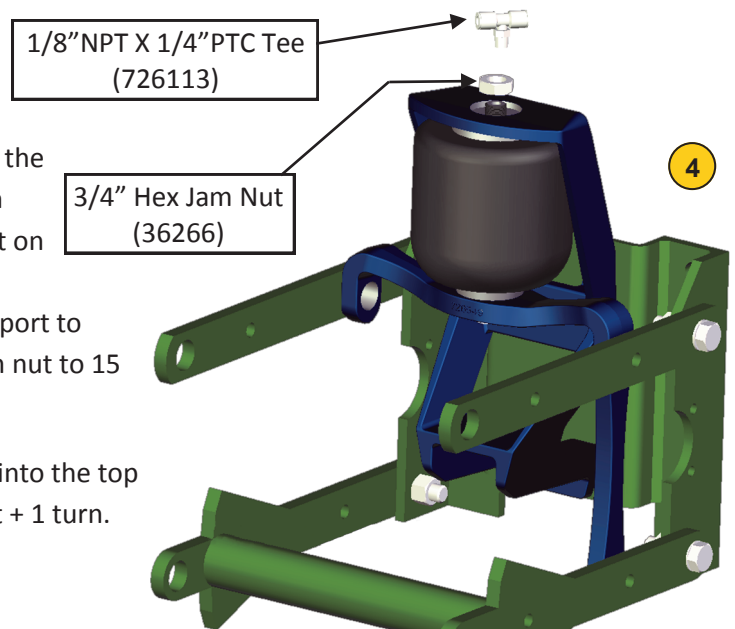
Note: For planters with **Long** parallel arms, retain the spacer for use between the mounting support plate and Down Force assembly.

Units with long parallel arms may require the bolts to be cut/torched off in order to remove the existing M10 bolts. When installing the new bolts, install them from the rear of the planter as shown for ease of future serviceability.



4. Place the pre-assembled components from Step 3 into the AirSpring Head Mount as shown. Fix the components together with the 3/4" Hex Jam Nut (36266). Hold the Spring in place when tightening to avoid placing a twist on the bag. It may be beneficial to place a bolt through one of the parallel arms into the Support to keep it from rotating as well. Tighten the jam nut to 15 lbf-ft of torque.

Thread the 1/8"NPT X 1/4"PTC Tee (726113) into the top of the Down Air Spring. Tighten to hand tight + 1 turn.



5. Fix the Air Spring Base Support into place using the three - M12 X 50 Bolts (726508), and three - M12 Hex Lock Nuts (726205), along with three sleeve bearings. Use the two - 1/2"ID X 1"OD X 0.92" Sleeve bearings (726098) for the top two parallel arms and the one - 1/2"ID X 7/8"OD X 0.92" Sleeve Bearing (726099) in the lower right parallel arm.

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



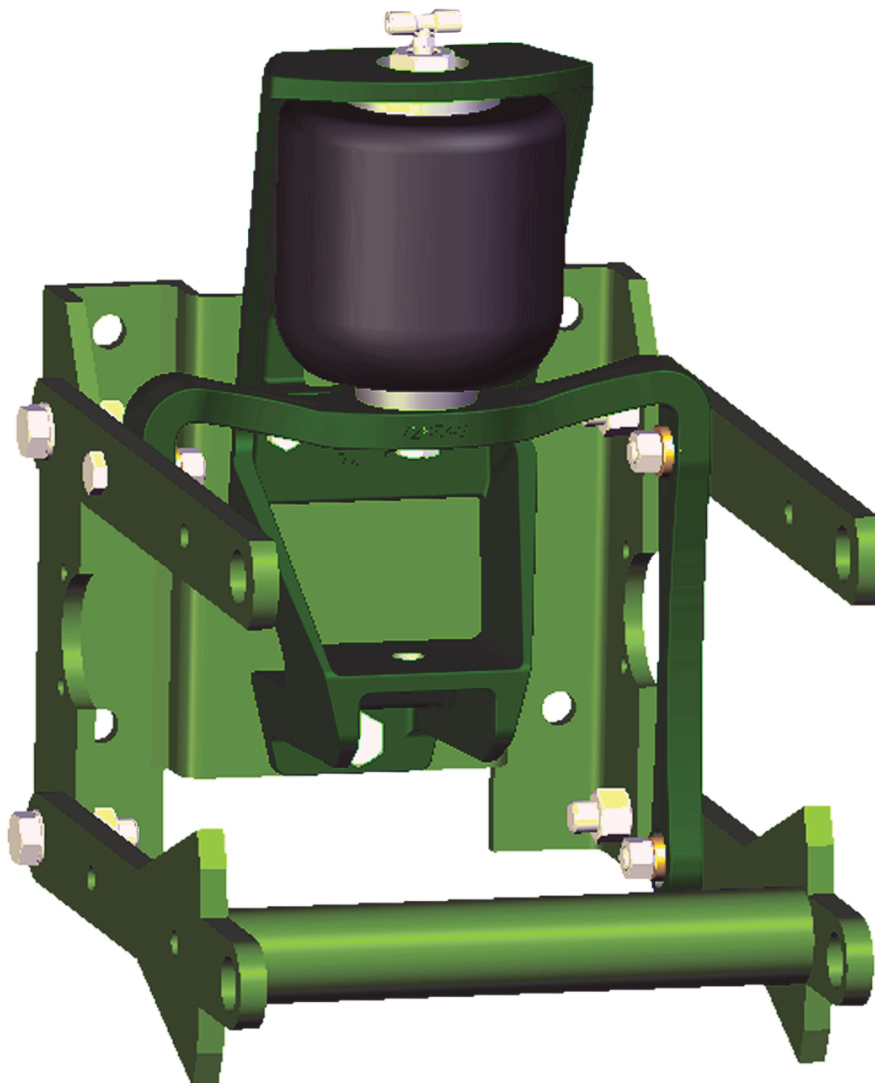
Planters equipped with Tru Count Air Clutch®

Also included in the hardware pack for each row is one - 17" zip tie-strap, and one - 1/4" X 1" Bolt. If you planter is equipped with Tru Count Air Clutches®, it may be necessary to either simply adjust the anti rotation bolt, or possibly replace it with a shorter one which is provided. Check to ensure that the clutch is oriented with the air cylinder vertical or leaning slightly forward. If this is not the case, thread the existing anti-rotation bolt in, but be careful not to tighten it too far. It may be threaded in such that the bolt protrudes from the clutch NO LESS THAN 1". Tightening more than this will cause the bolt to penetrate the clutch housing, possibly resulting in permanent damage. If the clutch still leans back, replace the existing anti-rotation bolt with the shorter bolt that is provided. With this bolt, do not thread it in more than 5/8". Don't forget to re-install the locking nut. (Refer to your Tru Count installation instruction manual for complete instructions.)



This must be done to prevent the trucount clutch from interfering with the air spring base support and vise versa. The zip-tie included in the pack may be used to further secure the air clutch. Loop the tie-strap around the clutch and forward, so that the clutch is held firmly against the anti rotation bolt.

Completed Row Unit Conversion



726520

Regular or Long Parallel Arms

Pro Shaft or Chain Driven