



Installation Instructions for JD 7200/17XX Drive & Wedge Adapter Standard Hopper

Parts included in this kit:

- Hex Nut, M8 x 1.25 Stl Zn (40307)
- Washer, M8 Stl Zn (40357)
- Wedge Adapter (730259)
- Butterfly Drive Adapter (730268)
- Cotter Pin (730276)

Step 1: Preparing vSet Meters for the Butterfly Drive

vSet meters come from the factory with a drive adapter secured with a 3/32" spring pin that serves as shear protection. For JD 7200 and 1700 planters, a butterfly drive must be installed in place of the drive adapter. The butterfly drive is held onto the meter shaft using a brass cotter pin, which also serves as a shear pin. Driving the spring pin out to remove the drive adapter can prove difficult if the proper tools are not utilized. We recommend purchasing two 3/32" pin punches and cutting/grinding one down to 1/8" long (Figure 1). Be sure to grind the bottom flat.



Figure 1: 3/32" Diameter Punch Shortened to 1/8" Length

To drive out the spring pin, position the mechanical adapter on a bench vise and orient the meter as shown in Figure 2. Using the shortened punch and a hammer, drive the spring pin out 1/8". Then, use a longer punch to drive the spring pin out completely. If only one 3/32" pin punch is available, cut/grind it down to 5/8" long before using. The longer the punch is, the more likely it will be bent or snap off while trying to drive out the spring pin.



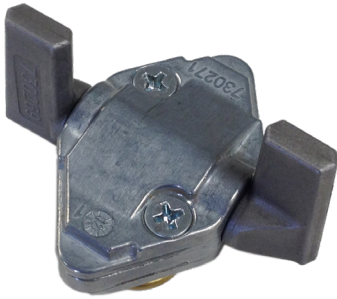
Figure 2: Driving Out Spring Pin

Installation Instructions for JD 7200/17XX Drive & Wedge Adapter Standard Hopper (Continued)

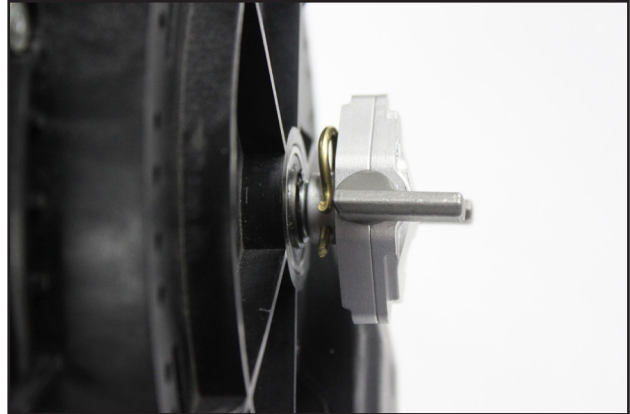
Step 2: Installing Drive Adapter

After you have removed the factory drive adapter, you will need to install the Butterfly Drive Adapter. (Part #730268) This part simply slides onto the meter bearing shaft and you will secure it on with the provided cotter pin.

Note: The kit provided also includes a second cotter pin to be used in the event that the first one shears off.



Butterfly Drive Adapter (Part #730268)



Butterfly Adapter Installed

Step 3: Installing Wedge Adapter

Your 7200/17XX hopper does not have a flat surface, nor does it have correct bolt placement, so we will need to install the Wedge Adapter (730259) to make it compatible with our vSet meter. The wedge is first secured onto the hopper with the lower bolt using the supplied nut and washer (see arrow). After this is installed you can now attach your vSet meter to the hopper.



Wedge Adapter Installed



Completed installation

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