

vSet[®] DB Manifold Modification Kit (SpeedTube)

731351

The 731276 DB Manifold Modification Kit is used when installing SpeedTube on DB44 and DB60 24 row planters. This upgrade installs a new rear section on these planters.

Parts List:

- | | |
|--|---|
| • 730120 3" Rigid Vacuum Tube (Qty. 2) | • 731103 50'x1.5" Bulk Row Unit Hose (Qty. 1) |
| • 730161 3" Tube Cap (Qty. 4) | • 731183 vSet 2 1.5" Hose Fitting Kit (Qty. 6) |
| • 730192 3" Tube Coupler (Qty. 2) | • 731188 vSet 2 1.25" Hose Fitting Kit (Qty. 2) |
| • 731277 DB Manifold Hardware Kit (Qty. 1) | • 730198 3"x10' Flex Hose (Qty. 1) |
| • 731190 Row Unit Hose Saddle Kit (Qty. 8) | • 730182 3" Tube Hose Clamp (Qty. 4) |

Step 1

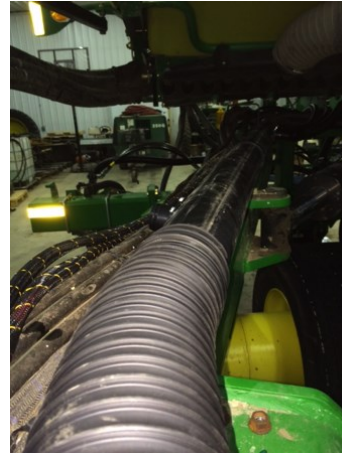
Remove the stock steel tubing and flex hose from both wing sections. Keep the mounting brackets for reuse later in this process.



Figure 1

Step 2

Cut the provided 730120 3" Rigid Vacuum Tube to the same length as the original steel manifold that was removed.

*Figure 2***Step 3**

Install the cut lengths into the original JD mounting brackets using the provided 50 mm bolts with spacers as the new hardware. Each bracket will require approximately 10 washers.

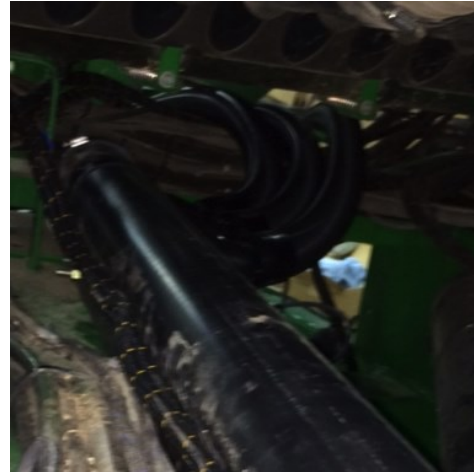
*Figure 3***Step 4**

Use the 730161 3" Tube Caps to cover both the steel vacuum inlet (figure 4a) and the end of the 3" Rigid Tube under the bulk fill tanks (figure 4b).

*Figure 4a**Figure 4b*

Step 5

Install the saddles on the 3" rigid tube. Install three saddles underneath the bulk fill tank for each wing section. This air supply will be used for the outer 3 rows on each side of the center section. The wing sections will have the saddles facing forward and towards the tractor. Route the vacuum row unit hose up and over the seed delivery lines. To keep hose length as short as possible, the saddle closest to the center should connect to the outermost row on the center section, the middle saddle to the next row, and the outermost saddle to the third row from the end of the center section (using the longest hose).

Left Wing*Figure 5a***Right Wing***Figure 5b***Step 6**

Install a single saddle on the opposite ends of the 3" rigid tube. This fitting needs to be facing towards the rear of the row units.

*Figure 6*

Step 7

Cut a 6" section of the 3" Rigid Tubing. Use this to create an adapter for the flex hose to attach to the steel vacuum system. Use the flex hose to connect the steel vacuum inlet to the 3" Rigid Tubing.



Figure 7a



Figure 7b