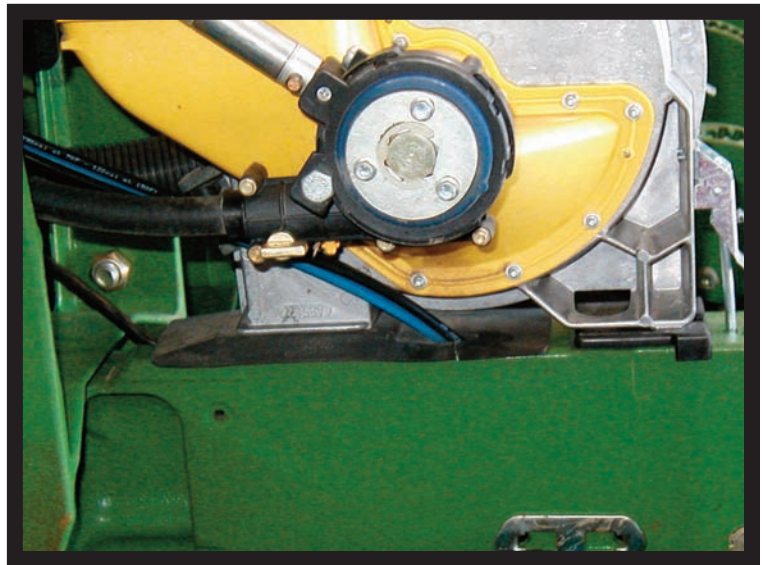




Fertitube Mounting Instructions

1 Cutting the holes in the seed meter dust covers.

- Remove the rubber seed meter dust covers from the planter.
- To punch the holes in the dust covers set up a block of wood with the end grain upright. With the hole punch provided cut a hole in the dust covers using the template to mark the position of the hole.
- With a utility knife cut a slit from the center of the oblong hole (cut out in step B) to the outside of the dust cover (shortest distance). This slit allows the poly tube to be removed from the dust cover when the seed meter is removed.
- Replace all the seed meter dust covers to the planter seed meters.



2 Conversion from 3/8" ID poly tubing to 1/4" OD poly tubing.

- Most planter distribution systems use 3/8 ID poly tubing. HR Mfg. Co. recommends converting from the 3/8" ID to the 1/4" Super Speedfit fittings at the planter frame. Then use 1/4" OD poly tubing from this fitting on the frame to the Fertitubes. This will keep the connections visible on the frame and eliminate the possibility of leaking connections within the row unit.

The following are two examples of the 3/8" ID to 1/4" OD conversion:

- Flow Divider Systems. Connect a (3/8 male hose barb-1/4 male pipe thread) to the 3/8 ID tube with a hose clamp.
- Next connect a (1/4 female pipe thread – 1/4 OD female Super Speedfit adapter), this will fit the 1/4" OD poly tubing Manifold Systems with Orifice.
- Connect the 3/8 barb single shank nozzle body (3/8 male hose barb – 11/16-16 male thread) to the 3/8 ID tubing with a hose clamp.
- Insert correct orifice and attach an adapter cap (11/16-16 female – 1/4 female pipe thread).
- Next connect a (1/4 male pipe thread – 1/4 OD female Super Speedfit adapter), this will fit the 1/4" OD poly tubing.

Note: If using 2 tubes per row split the fertilizer stream with a Super Speedfit 2-way divider on the planter frame and then run 2 tubes through the row unit.

continued...

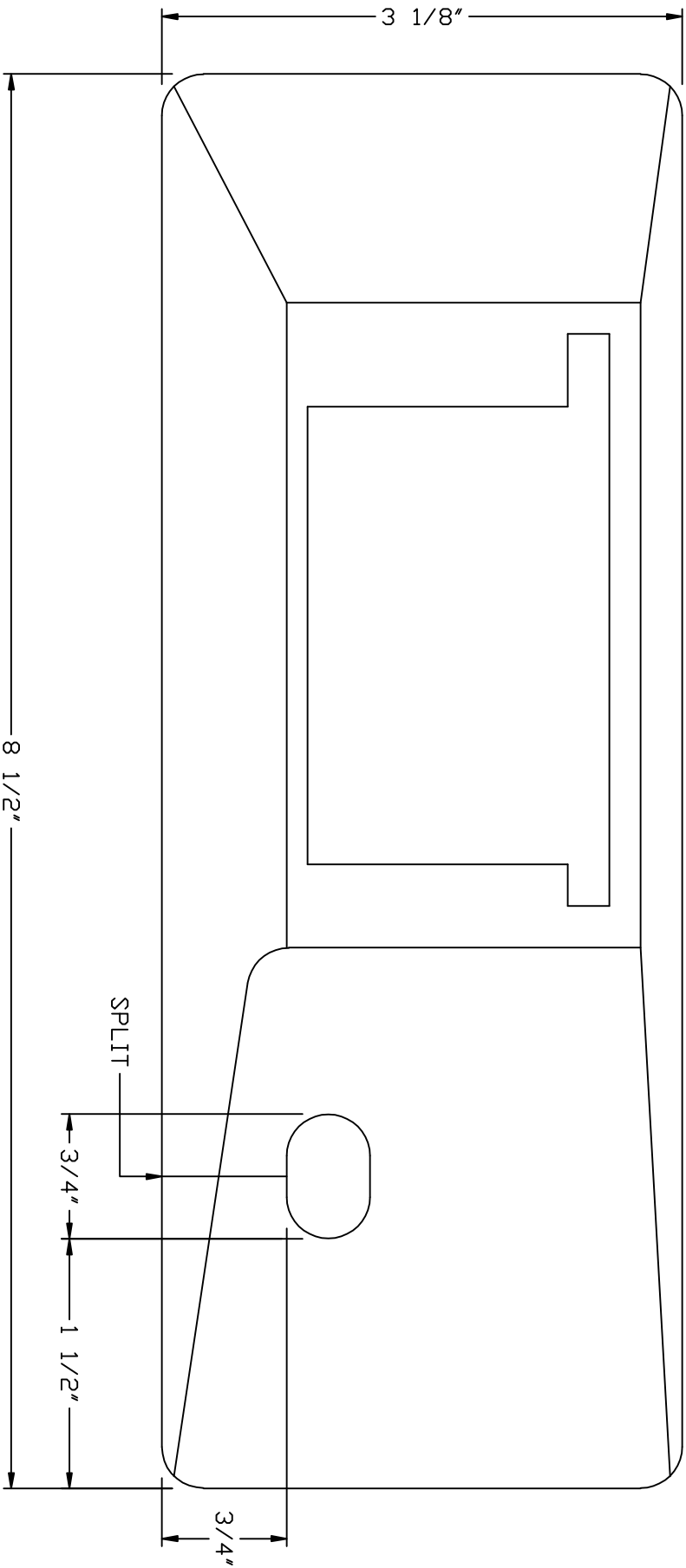


3

Routing the ¼" OD poly tubing and mounting the Fertitubes.

- Route the ¼" OD poly tubing from the fertilizer source on the planter frame along side the seed meter through the hole cut in the seed meter dust cover.
- Continue routing the tubing inside the T-handle depth control adjustment bracket, over the gage wheel pivot point, down through the hole in the closing wheel mounting bracket rearward out the inside of the closing wheel frame.
- The Fertitubes come as 50% left and 50% right mountings. This gives the operator the option of placing the fertilizer band behind various residue managers and closing wheel designs.
- Decide where the Fertitubes will be located.
- Insert the poly tubing into the Fertitube and allow 2" of poly tubing to extend from the end of the Fertitube. The length of poly tubing extending from the end of the Fertitube can be adjusted to a different length by the operator. HR Mfg. Co. recommends 2" as a good starting point. The longer the extension of poly tube from the Fertitubes, due to the flexibility of the poly tubing, the less control the operator has over the location of the fertilizer band.
- Attach the Fertitube to the inside of the closing wheel frame using the rearward existing hole with the hardware provided.
- Pull most of the slack out of the poly tubing and using cable ties attach the loose ¼" poly tubing to the planter.
- Cut the tubing to length and attach to the fertilizer source. The operator can lightly bend the Fertitubes to change the location of the fertilizer band.
- Check connections for leaks as you routinely inspect the planter.

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HR Manufacturing Co.



SEED METER DUST COVER
FULL SCALE - USE FOR TEMPLATE

CUT A HOLE THIS APPROXIMATE
SIZE & LOCATION TO ROUTE TUBES.