

# ORIFICE MOUNTING INSTRUCTIONS

## Colored Disc Orifices

### BEFORE WORKING ON YOUR PLANTER OR DRILL...

**DANGER:** When storing or working on the planter always install cylinder stops or place the planter on stands to prevent personal injury or damage to the attachments.

**PLEASE:** Read instructions completely and verify all package contents before beginning installation.

**!** **DO NOT RUN ORIFICES WITH SQUEEZE PUMPS.** This cannot be done because squeeze pumps do not put out enough pressure for an orifice system. Squeeze pumps only put out 2-3 pounds of pressure.

**NOTE:** We normally recommend using only 1 orifice under pressure when running 7-15 lbs of pressure. However, using 2 orifices under pressure can be beneficial because it will help eliminate fertilizer splatter or misting/volatilization of fertilizer *when done in the following manner:*

- Use the correct size orifice above for 15-30 psi pressures.
- Use 2-3 times size orifice below, creating 5-7 lbs pressure to stream fertilizer into the soil.

**!** **NEVER USE 2 OF THE SAME SIZE ORIFICES IN YOUR SYSTEM!**

## DIAPHRAGM CHECK VALVE

Remove seal from cap and insert orifice into the grooves in the seal. Place orifice and seal dish up into cap. Reinstall cap on check valve body.

**IMPORTANT:** Do *not* use wrench on cap, hand tighten only!



*orifice in seal in cap*



*TeeJet check valve with orifice in seal and cap*



*PVC check valve*

## PVC MANIFOLD

The orifice can also be installed in the PVC manifold.

Install orifice with dish down or convex side towards pressure to keep orifice from plugging or breaking.

**IMPORTANT:** Do *not* use wrench on cap. Hand tighten only!

**Note:** This PVC Manifold is an older style, this is reference only for customers who still have this version.

