



TSB120811

## TECHNICAL SERVICE BULLETIN

### **SUBJECT: Installing Orifice in the Hydraulic Clamp Circuit on M-Series Big-Roll Installers**

The hydraulic clamps on M-series installers save time and effort when laying big rolls. The clamps allow the operator to lift, move and install big rolls without leaving the operator's platform to insert a lifting bar through the tube.

However, if the big roll is setting at an angle or not in a level position, it can sometimes be difficult to align both clamps with the tube. This is because both clamps close and open simultaneously.

To eliminate this potential problem, we have available an orifice fitting that effectively causes the clamps to close in a controlled sequence. This allows the operator to align and insert one clamp into the tube then lift the roll slightly or otherwise maneuver the machine or sod roll positioning the remaining clamp so it will enter the tube.

**Contact Bucyrus Equipment Co. Inc. at 800-330-0857 to order the orifice fitting. The part number for the fitting is 2404-06-06-R031.**

To install the orifice fitting, disconnect the upper hose from the clamp cylinder (either one) and remove the original fitting. Install the orifice fitting into the cylinder and tighten it securely. Then attach the hose to the fitting and tighten it securely. See the Figure below.

