

Service Bulletin

Bulletin No. 11-07
November 30, 2007

To: ITW Ransburg and ITW Automotive Finishing Distributors
Subject: DynaFlow Channel Board (P/N A10946-00)

The IC chip used on the DynaFlow Channel Card (P/N A10946-00), that produces the 4-20 mA output for flow rate and pressure control, is becoming extremely expensive and is currently experiencing very long lead times. The decision has been made to produce two versions of the DynaFlow Channel Card. One version will be built as the boards are now (P/N 10946-02). The second version (P/N A109446-01) will not have the 4-20 mA converter IC on the board, which will effectively eliminate the capability of the board to output 4-20 mA signals for these two outputs. (Records indicate very few users make use of these two output signals.) The 0-10 VDC outputs for these two signals will still function normally.

In order to insure that customers receive the proper board when ordering replacements, the following changes have been made to the part numbers: The A10946-00 part number has been obsoleted. The A10946-01 board is the new board without the 4-20 mA IC's and is the board that will be used in all future builds unless the customer specifically requests 4-20 mA outputs for these two signals. The A10946-01 board can be modified by Angola to become an A10946-02, if a customer requires this option, for an additional cost.

Tech support personnel receiving requests for the A10946 board must determine if the customer is using the 4-20 mA option for either the flow rate output or the pressure control output prior to selecting which of the two new boards to send them. This can be done by examining the jumpers on their current boards. If jumpers any of the following jumpers: JMP5, JMP6, JMP7, or JMP8 are connected between pins 1 to 2, this most likely indicates that they are using the 4-20 mA option and will require the A10946-02 board. (Unless that channel or output signal is not being used and the jumpers were changed from the factory defaults for some reason.) In all other cases, the A10946-01 board should be used. (See picture on next page. Note that pin #1 is toward the top of the board.)

