



Service Bulletin

Bulletin No. 09-07
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To: ITW Ransburg and ITW Automotive Finishing Distributors
Subject: DynaFlow 12-Bit Channel Board (P/N A10946) Oscillation Problems

We have recently experienced issues with many of the new 12-bit channel boards (p/n A10946) for the DynaFlow. The new channel boards cause the analog output to the E to P transducer to oscillate. This happens when the temperature inside the control console exceeds approximately 104° F (40° C).

This is recognizable by observing the pressure feeding the MVR or fluid regulator. The pressure will oscillate between the desired operational pressure and 0 psi (or, in some cases, the MVR low setpoint). This will occur, even if the output to the E to P transducer is forced to a constant value.

The cause of the problem is poor solder joints on the digital to analog converter IC (U20).

If a board exhibiting this problem is found, the board should be replaced and returned to Angola for repair.