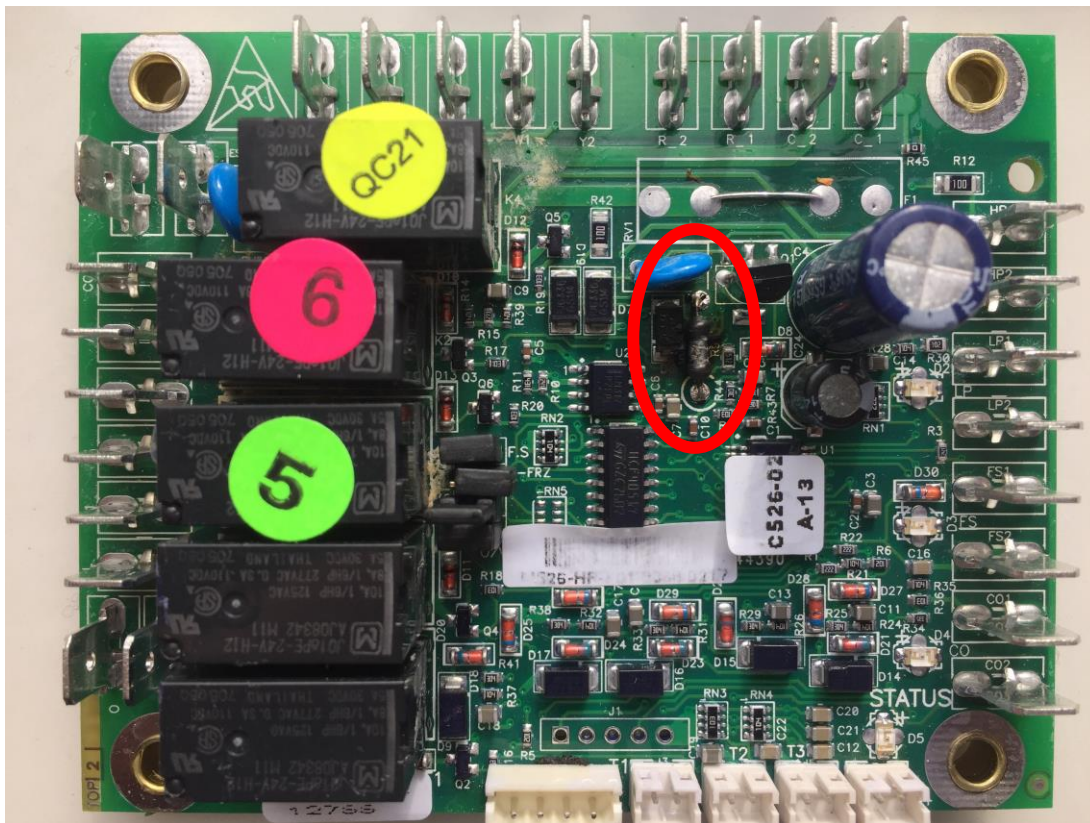

  EnerTech Global, LLC 2506 S. Elm Street Greenville, IL 62246 <a href="http://www.enertechgeo.com">www.enertechgeo.com</a>	<b>TECHNICAL BULLETIN</b>	DOC. #:	QMS-TSF-001
	<b>Control Board Resistor Failure (47P001-01NN)</b>	TEMPLATE REV DATE:	05/19/2016
		TB #:	17.002
		PUBLISH DATE:	11/2/2017

A series of failed control boards has led to EnerTech discovering bad components on the control board 47P001-01NN. When these boards fail, a resistor can be seen that is burned (see image below). This results in a dead board. The defective boards have been traced back to a single supplier that was used in all VS/VT and YT units manufactured between February of 2017 to October 2017. The suspect serial range includes M1702XXXX – M1710XXXX.

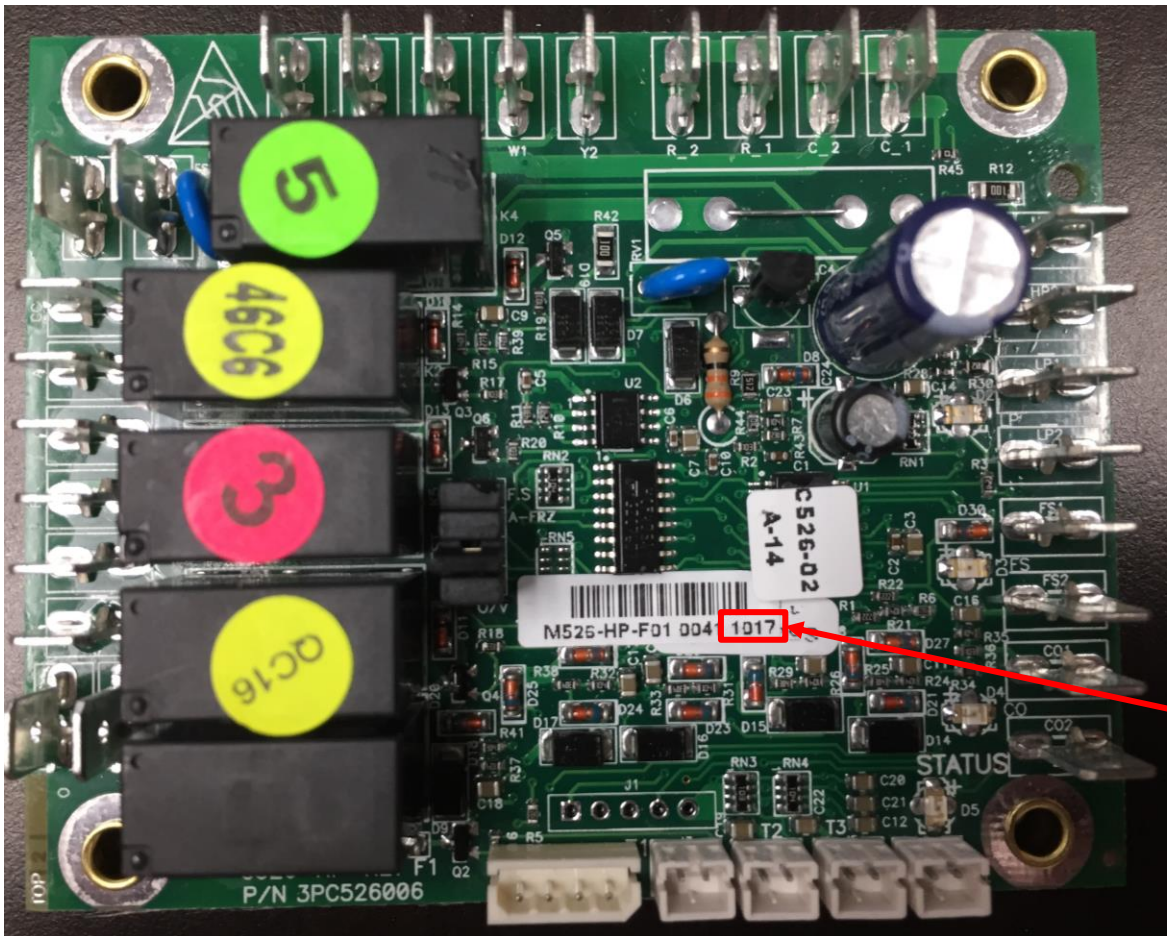


Please direct any requests for additional information & specific application or installation related questions to EnerTech Tech Support at 618-664-5860.

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Units within the cited date range and serial number should have the control board checked:


Identifying boards:



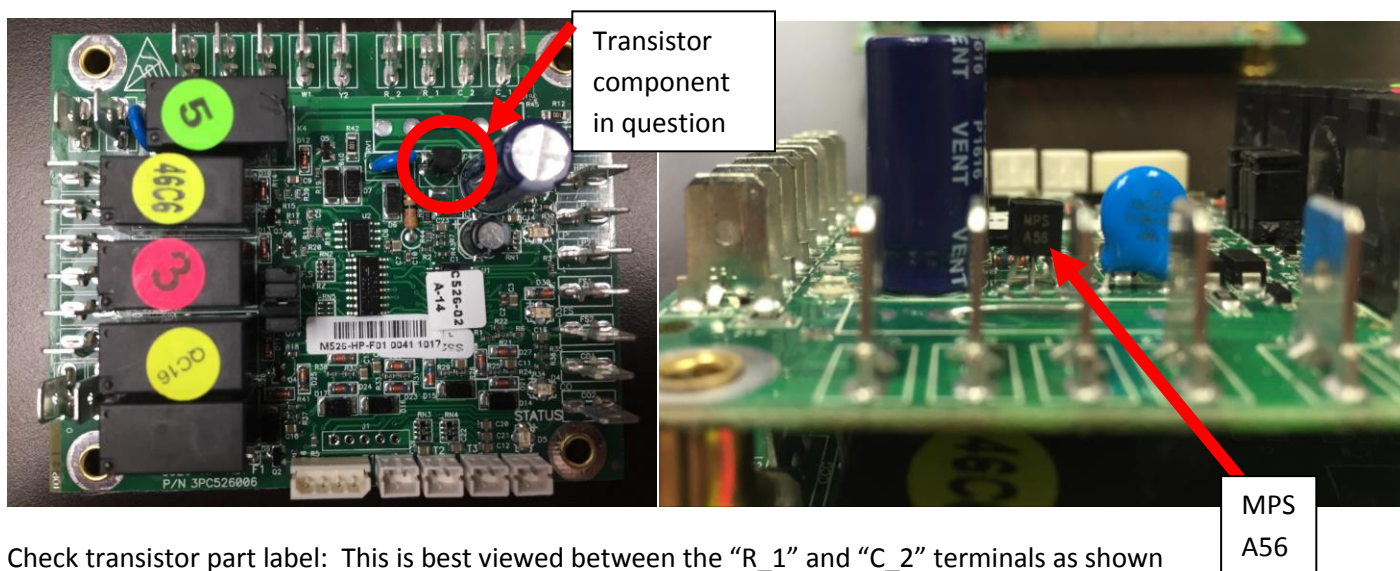
Affected date codes include:  
 "0217", "0317",  
 and "1017"

If the date code on your board is not listed, **no action is required**. If it is one of these date codes, continue through the end of this document.

Please direct any requests for additional information & specific application or installation related questions to EnerTech Tech Support at 618-664-5860.

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Check Transistor: If a board is found with one of the above date codes, check for the bad component



Check transistor part label: This is best viewed between the “R\_1” and “C\_2” terminals as shown

If it is labeled “MPS A56” it is a **BAD BOARD. Replace immediately.** The control board should be replaced with the same part number **47P001-01NN**.

The correct component should read “MPS A06”. If that is the component found, no action is required.

Customers that experience this issue should file a warranty claim and contact EnerTech customer service at 618-664-9011 to determine the correct repair part. The standard labor reimbursement rate for control board failures will apply. As always, any specific application or installation related questions should be directed to EnerTech Tech Support at 618-664-5860.

Please direct any requests for additional information & specific application or installation related questions to EnerTech Tech Support at 618-664-5860.