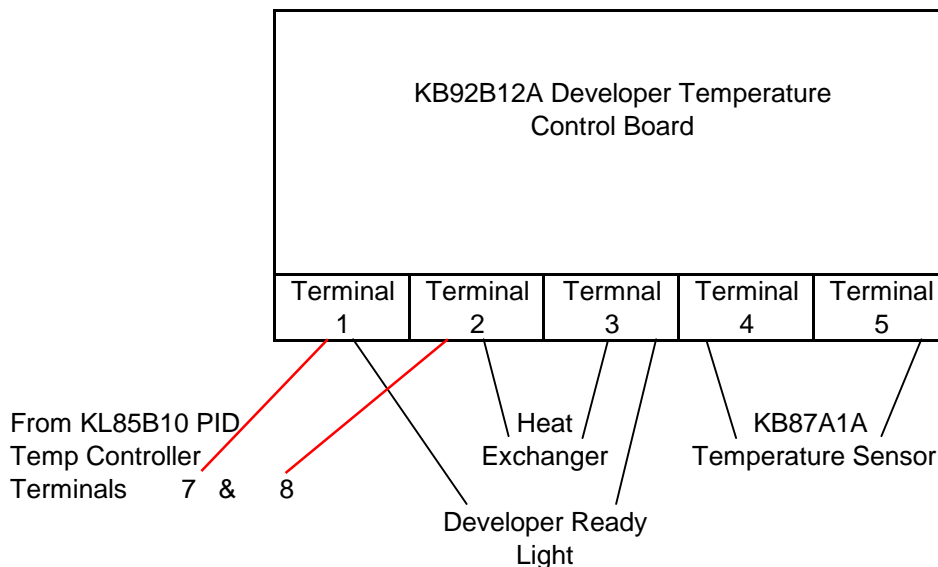




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Instructions to convert KL85B10 Cal 32E PID Temperature Controller  
to KB92B12A Developer Temperature Control Board - 2/6/08  
For Fischer Models 3000 & 4000 Series Processors

This document describes how to use a KB92B12A Developer Temperature Control Board to replace a KL85B10 Cal 32E PID Temperature Controller. This conversion will enable the repair of a Fischer Model 3000/4000 Series Processor using components that will save about 50% cost over the KL85B10, but no temperature will be displayed.



Refer to the diagram above as you read the instructions below.

- | Steps | Instructions  |
|-------|---|
| 1     | Purchase KB92B12A and KB87A1A.  |
| 2     | Turn processor off and unplug.  |
| 3     | Remove top cover, drive side panel, and electrical cover.   |
| 4     | Move the wires from terminals 7 & 8 on the KL85B10 to terminals 1 & 2 on KB92B12A.  |
| 5     | Connect the heat exchanger to terminals 2 & 3 on KB92B12A.  |
| 6     | Connect the developer ready light to terminals 1 & 3 on KB92B12A.   |
| 7     | Connect new KB87A1A developer temperature sensor to terminals 4 & 5 on KB92B12A.  |
| 8     | The KB87A1A can be mounted anywhere in the developer tank so that the tip of the sensor is submerged in the developer while the wire leads are not. |
| 9     | Reassemble the processor and turn on.   |
| 10    | Use the blue trimpot on the KB92B12A to set the developer setpoint for the processor.   |
| 11    | The conversion is complete.   |