

FIT500 Metal Keypad Upgrade

Replacement keypad for FIT500
Metal Keypad Installation Instructions
M00-20-4408

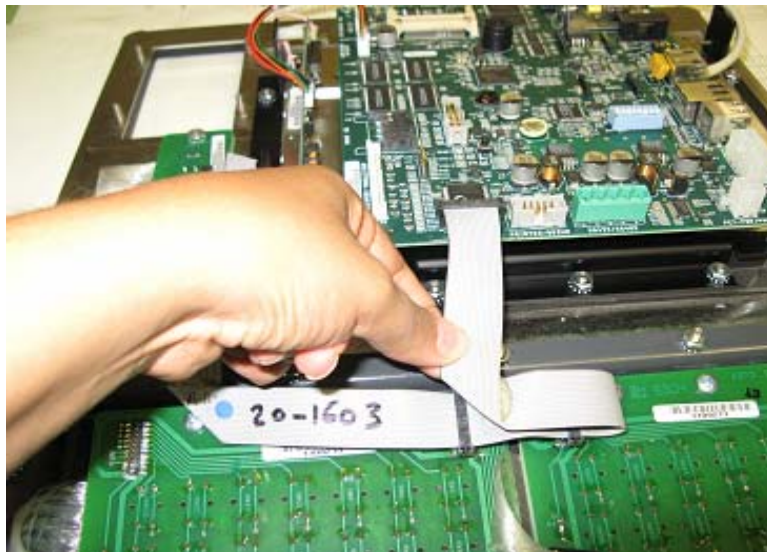
1	09-4030 Function Keypad
1	09-4031 Numeric Keypad
1	09-4032 Alpha Keypad
1	2 50-0021 #8-32 X 3/8" Phillips Panhead Screws
1	20-1603 Keypad Cable Assembly
2	12-3028 Ground Strap (for keypad)
1	20-1601 Ground Strap (for door to enclosure)
1	07-1006 Large Ferrite Clamp
1	07-1007 Small Ferrite Clamp
1	S03100 Software

WARNING!

- BEFORE BEGINNING, turn off power as follows; Unlock and open the upper door. Make sure the door is secured by the right-side cable and will not fall. Turn off the power supply located in the left rear corner of the upper enclosure, via the red toggle switch.
- Observe ESD precautions at all times.
- Observe proper orientation of connectors with their corresponding sockets.
- Ensure connector latches are properly engaged.
- Read and UNDERSTAND this document thoroughly before beginning installation!

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Note: You must change old CF Card with newly provided one, which has updated software packet version 1.01K, in order to accommodate new metal keypad upgrade. Once this new software is fitted the Toggle Function used during FIT500 setup will now use the “OK” Key in place of the hidden key (the blank space that was immediately to the left of the ENTER key on the Alpha keypad). Refer to the maintenance section of the FIT500 Installation Manual: M03100.01 when changing CF card.

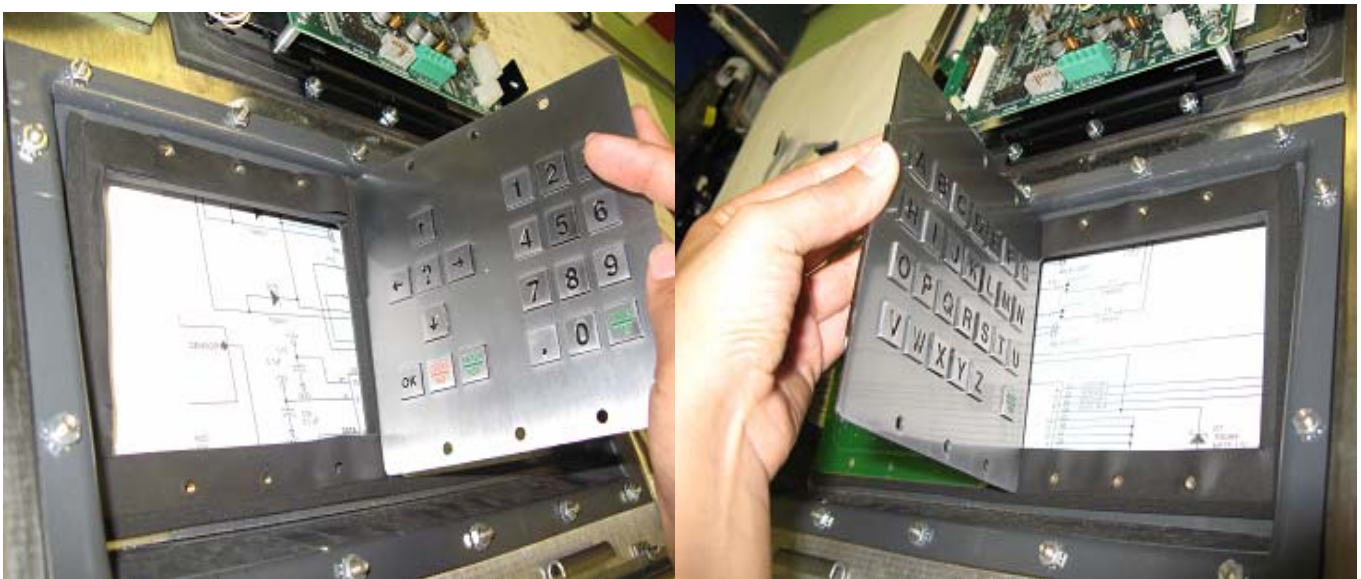


1. Remove old ribbon cable and discard.

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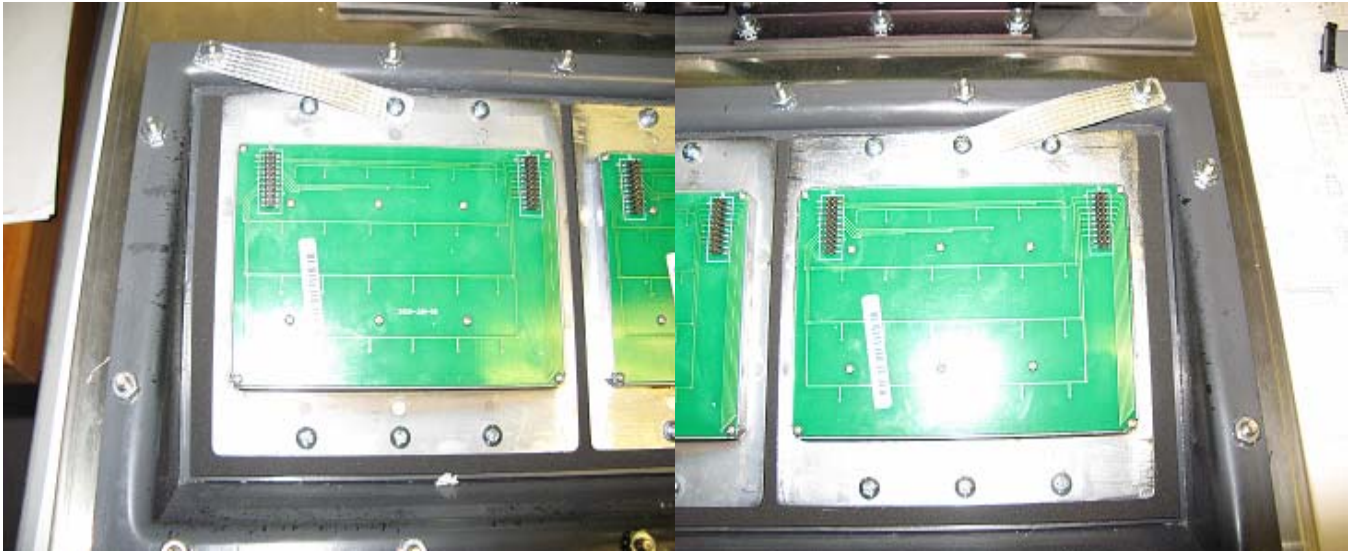


2. Remove and discard the 12 screws holding the keypads in place, new shorter screws have been provided. (If you try to use the old ones you risk puncturing the unit.) Remove and discard keypads.

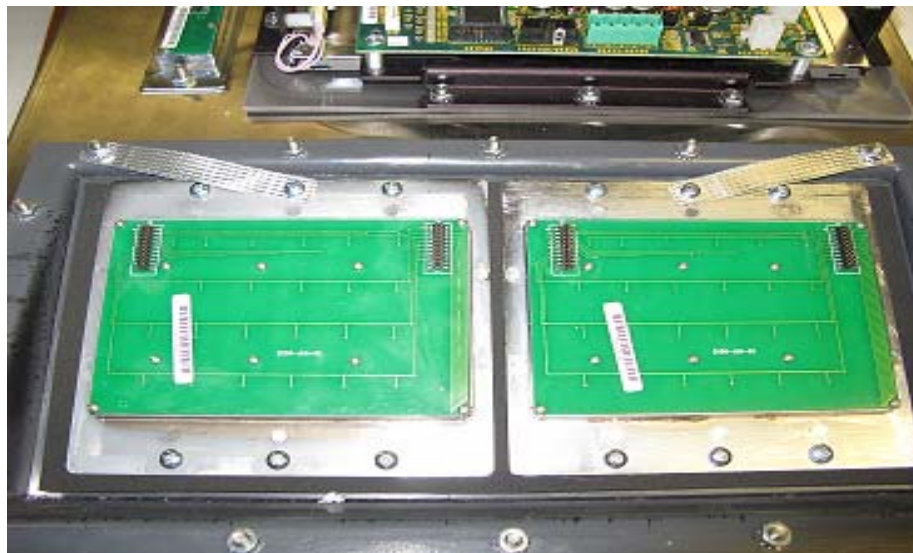


3. Reuse old gasket and screw in new metal keypads as shown, with the provided screws.

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4. Attach provided ground straps with top middle screw of each keypad and top corner key nuts, as shown.

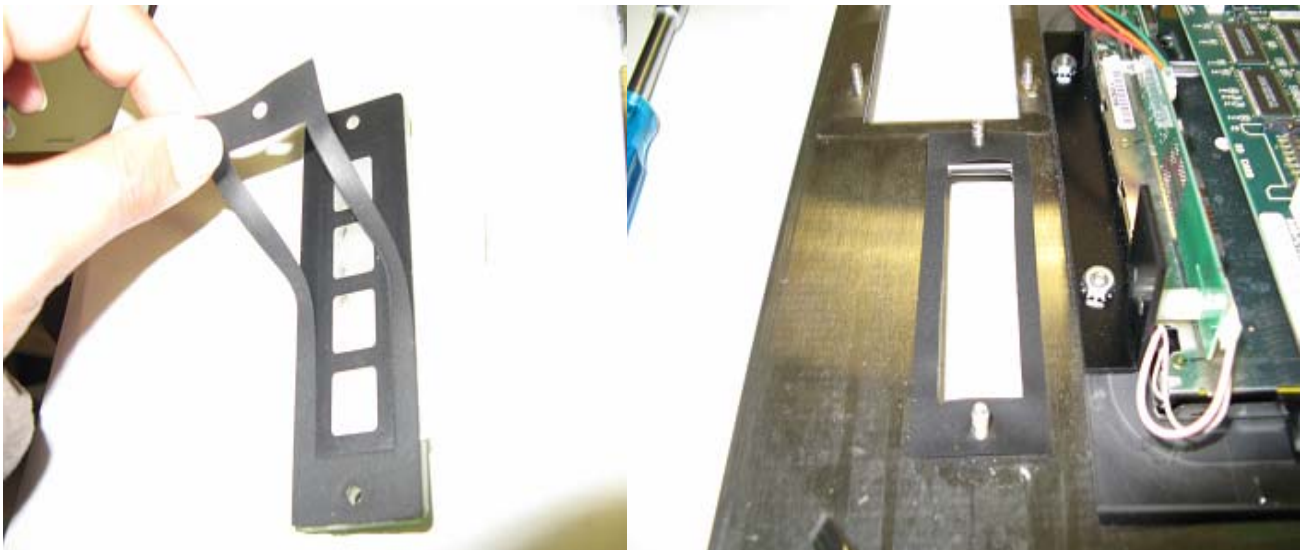


5. Confirm placement of grounding straps as shown.

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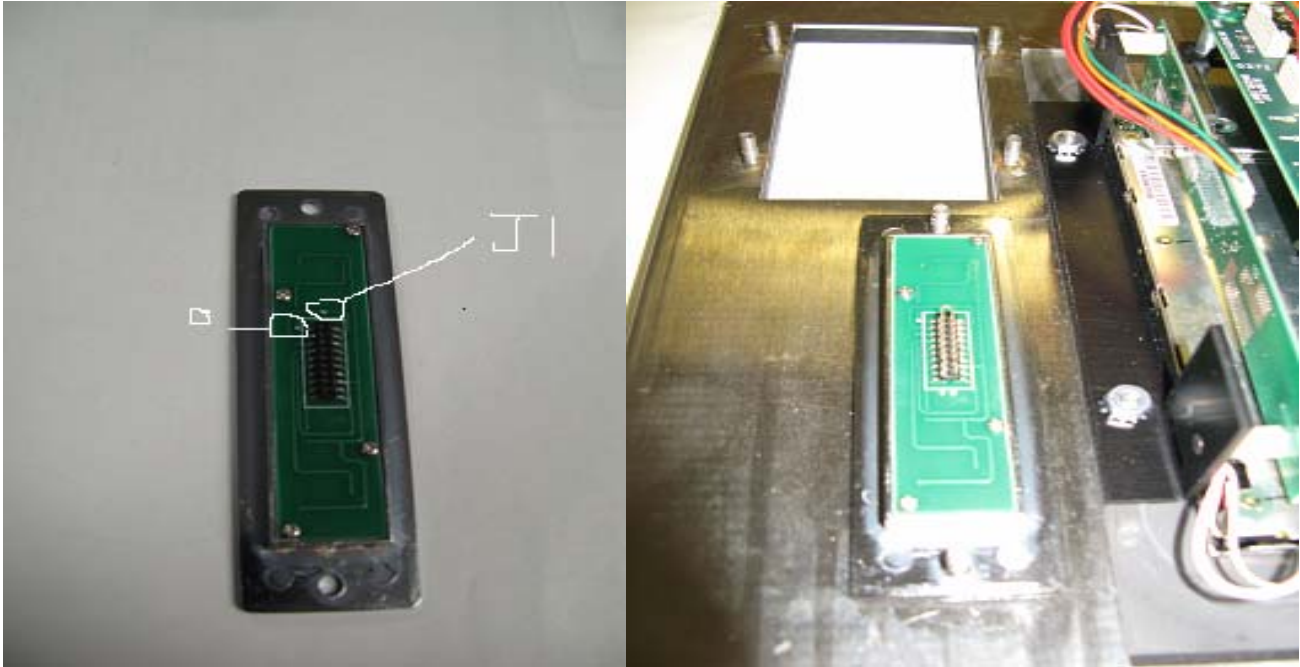


6. Unscrew old 4 button keypad using a nut driver.



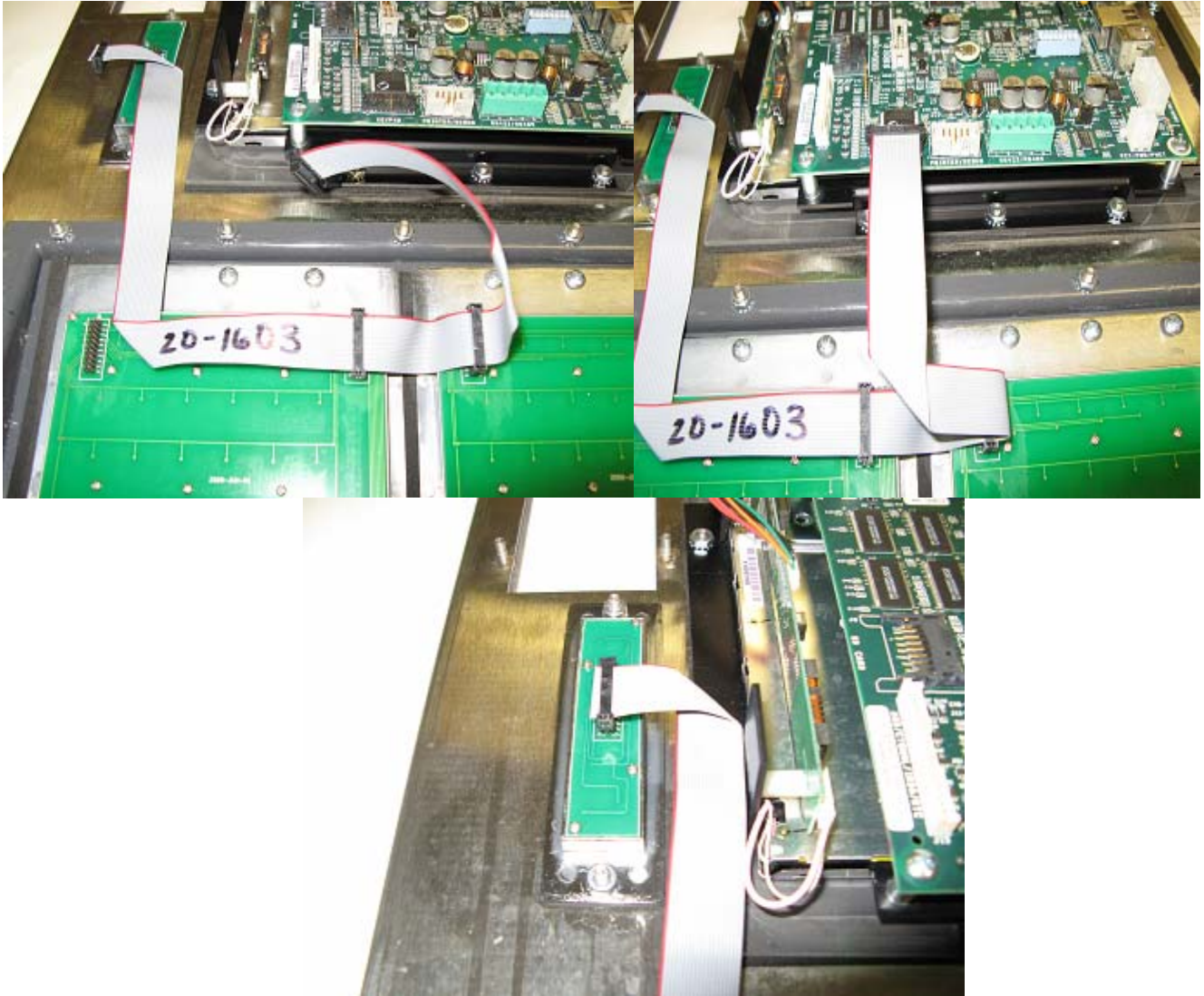
7. Reuse old gasket and place new metal keypad securing with old kep nuts.

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8. Keypad must be placed correctly for correct polarization, the J1 symbol should be up with white circle to the left.

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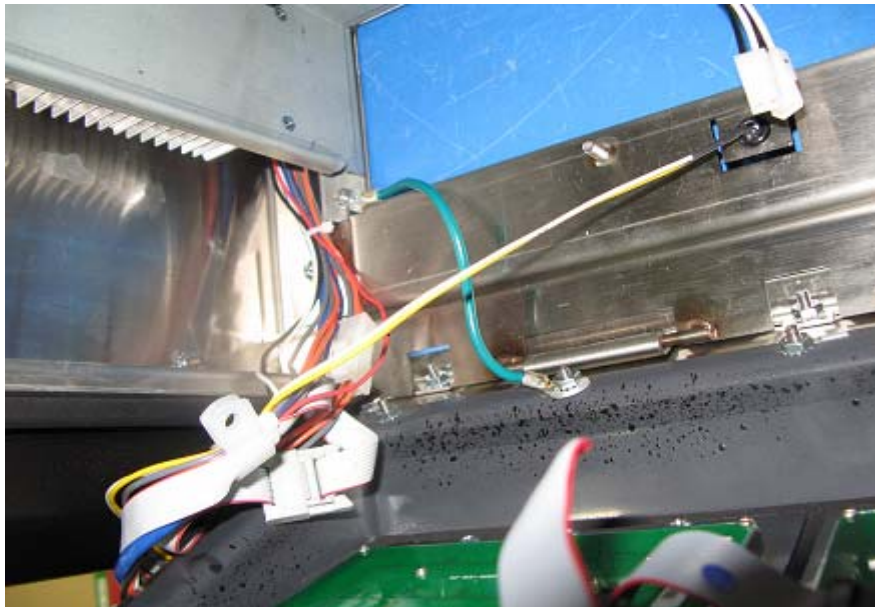


9. Place new ribbon cable.

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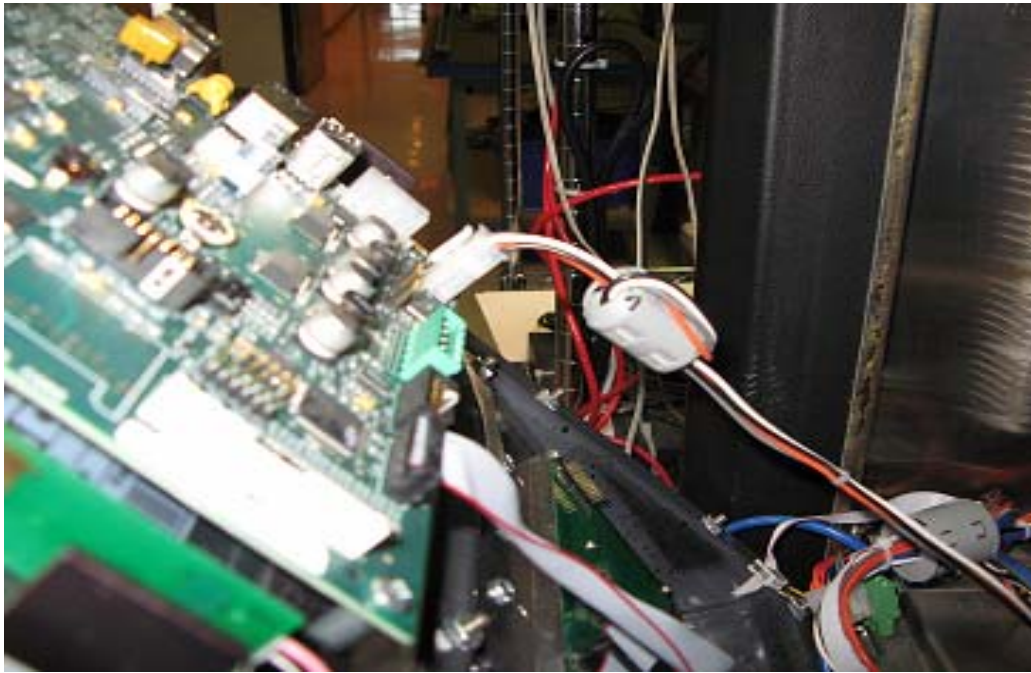


10. Examine door panel when finished.



11. Mount door onto hinges, remove the key nut on the FIT500 enclosure and door. Using the 20-1601 green ground strap, attach to the unit as shown.

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12. Affix Small Ferrite Clamp part number 07-1007 double wrapping around optional PCM cable 20- 1618 as shown above.

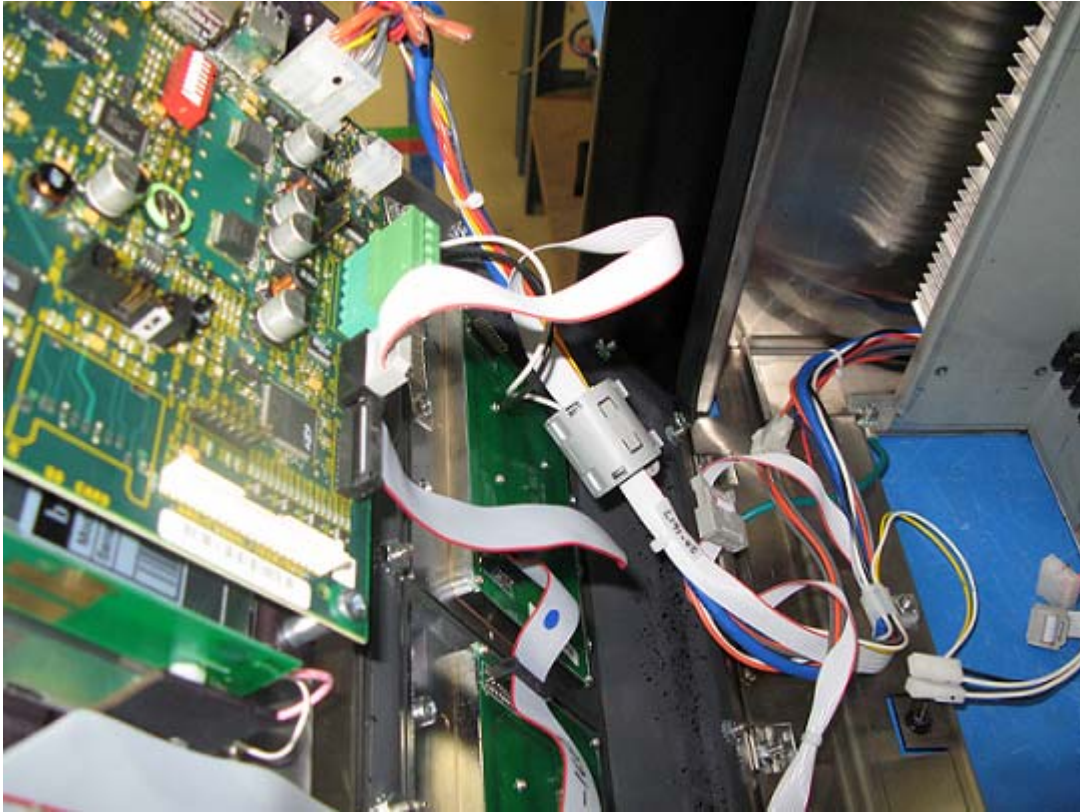
Note: If PCM cable option is not available discard ferrite.

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13. Affix Large Ferrite Clamp 07-1006 onto cable assembly 20-1617 as shown above, it should be fixed above the part number tie-wrap as shown to keep the ferrite from sliding down into the pedestal.

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14. Examine final assembly close and lock door when completed, ensuring that no cables are pinched or trapped in the process.