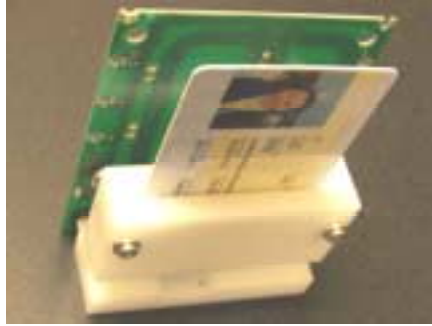


Mifare Desfire Contact Encoder Installation Manual
For
Nisca PR5310 & PR5350 ID Card Printer



Installation Instructions



Contact/Contactless Encoder Assy.

- 1) Unplug printer from outlet and remove rear and side covers exposing card path.



Fig 1.

- 2) Locate & remove existing DB-9 I/F from rear panel and replace with USB mini I/F plate.
Note: Please disconnect the USB mini cable from the module before you install the plate.

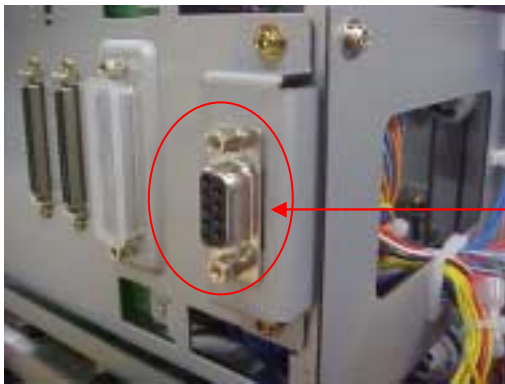


Fig 2.



Fig 3.

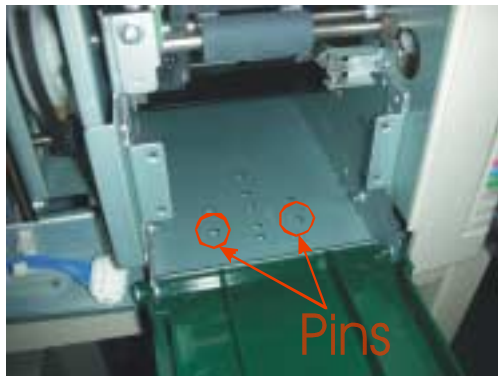
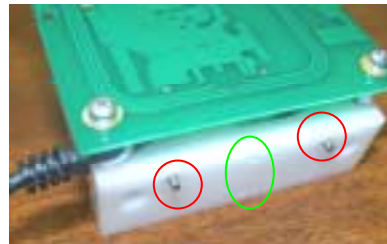
3) Remove the white card stop guides at the bottom of the printer shown in Fig 4, by removing the 2 screws under the main base of the printer.



Fig 4.

4) Attach the USB mini cable to the module.

5) Insert the module in on an angel inside the printer. There are 2 location pins on the bottom of the module which will help position the module into the proper position as shown in the following pictures.



Inspect connecting cables and make sure they completely fit inside the slot and are not pinching.

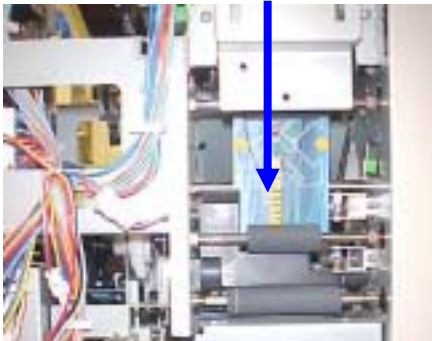
- 6) Next, Loosely attach the module to the base of the printer using the two M3 screws Fig 5. (**Note: Do not tighten**).



Fig 5.

7) Fine adjustments & final check list.

- a) Manually feed a card down into the contact module to align the module to the feed path.



- b) Inspect and make sure card can move freely in and out of module without interference from ribbon cassette side.
- c) Keep card inside module and tighten bottom screws to secure module into place. (**Note: Do not over tighten**).
- d) Add Loctite to bottom plate (external) and M3 screw heads to avoid loosening from vibration.
- e) Route all loose wiring and secure to wire harness.
- f) Connect USB cable to host computer to test module (make sure Omnikey 5321 driver is installed otherwise module will not work).
- g) Reinstall and close rear and side covers.
- h) The installation is complete. You can power the printer up.

Please note for REV2.0 controller PCBA the LED sequence is reverse to REV1.0 board. For Rev 2.0 board (Rohs compliant) the RED led will stay on and the Green LED will blink once on power up. If the Green LED doesn't blink once on power up, the controller is in Firmware Flash Download mode.

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