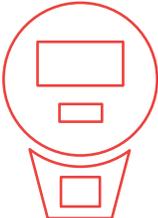


Gen1 Terminal Firmware Upgrade Guide (Ver. 2 control board)



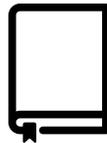
Intro

This guide provides instruction on upgrading firmware on a Parkonect Gen 1 terminal with a V2 control board (Blue PCB)



Est. Time Required

20min



Knowledge Level



Technically
Inclined



Parts/Tools Needed

- Phillips screwdriver

Parts/Tools Provided

-Firmware USB

-Jumper

NOTE: Wiring removed from diagram for clarity

1

Turn off power to terminal

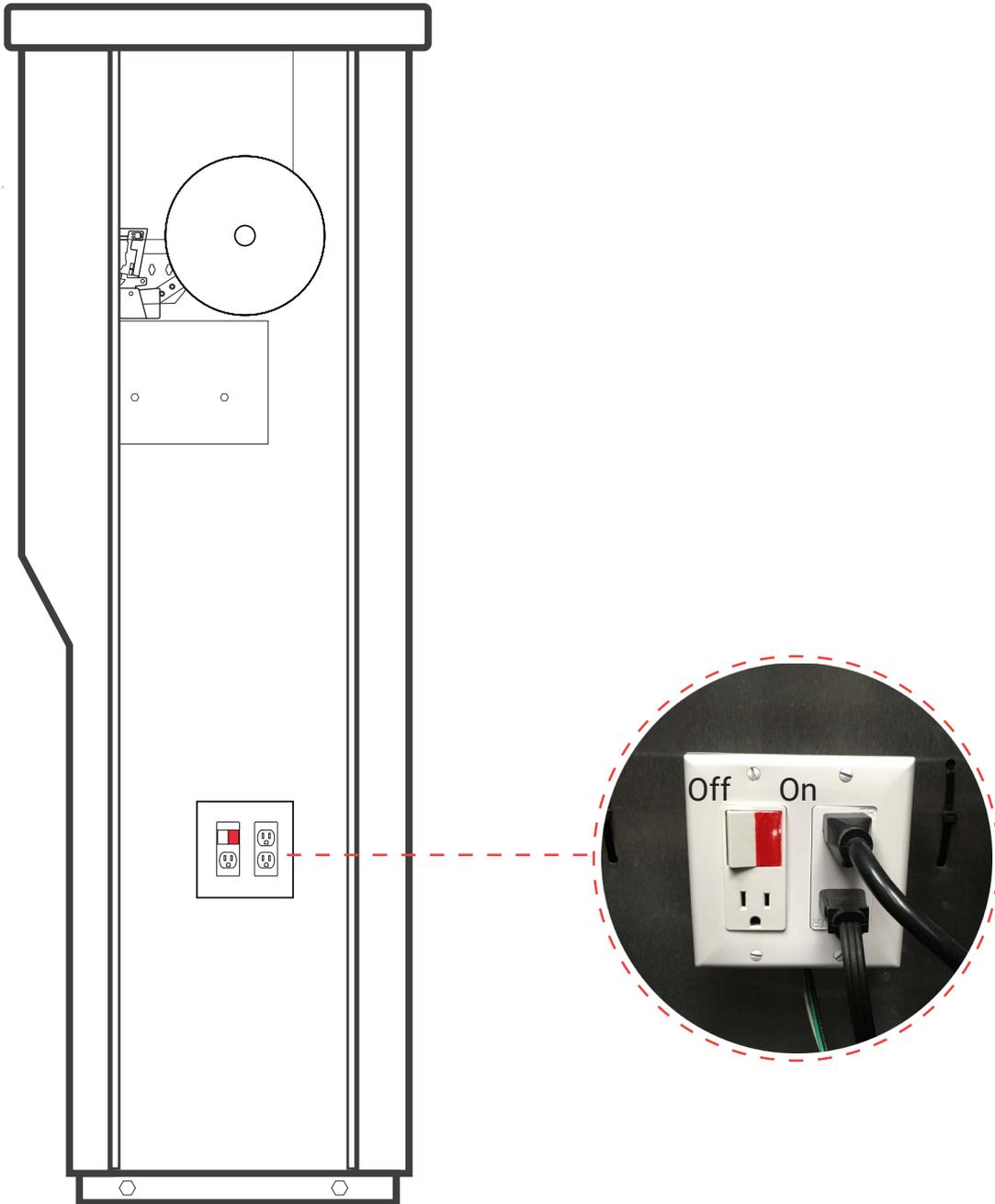


Fig 1

2

Remove screws securing relay board.

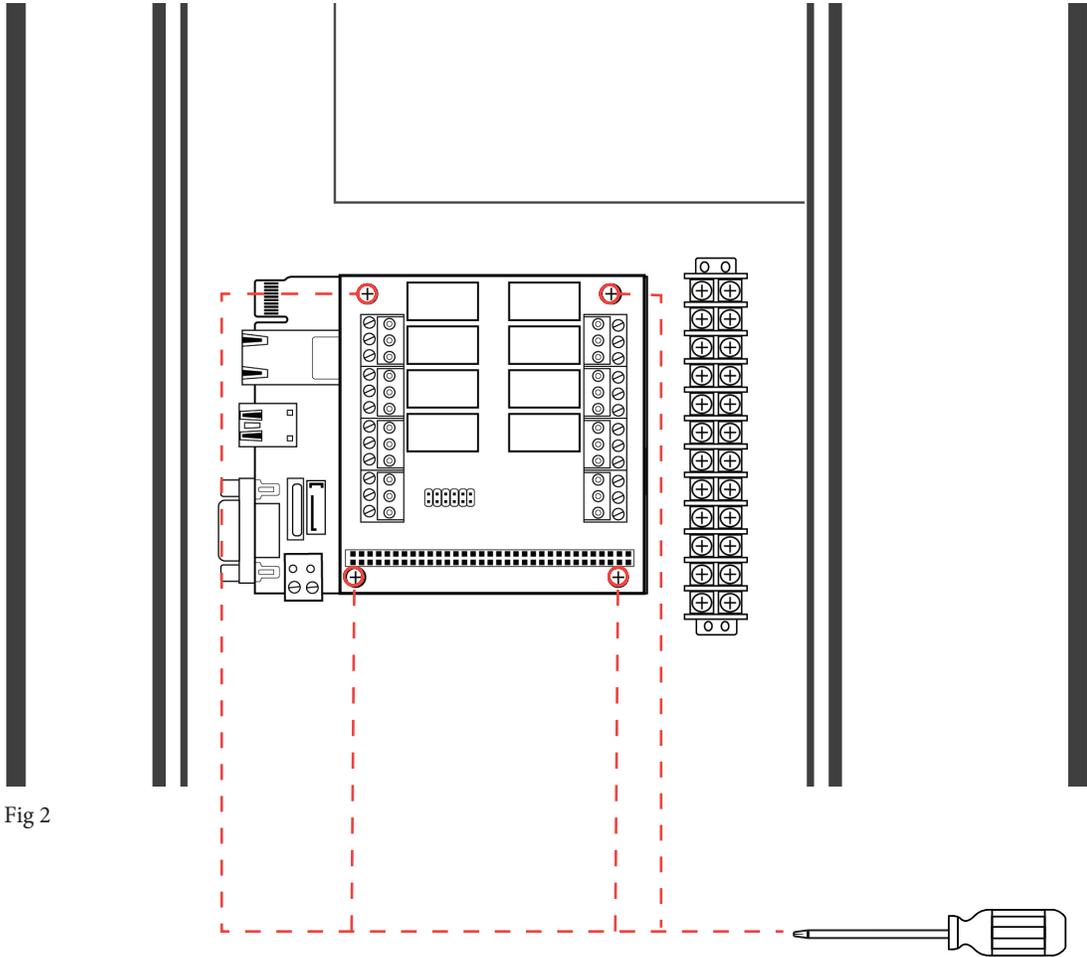


Fig 2

3

Carefully remove relay board by grasping on both sides and pulling towards you. Relay board should hang by attached wiring. This will expose jumper pins.

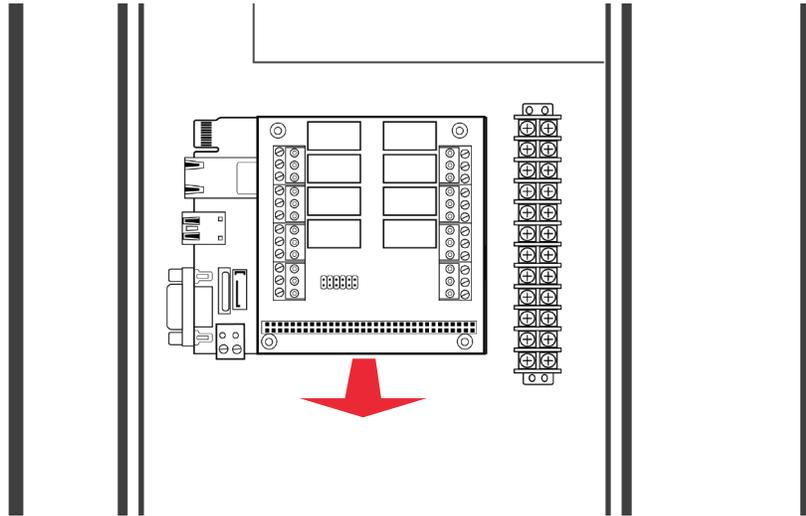


Fig 3

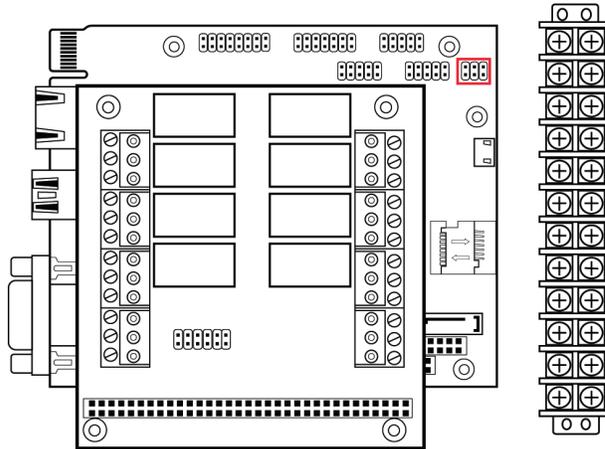


Fig 4

4

Place jumper on JP3 (U Boot). If there is a jumper on JP1 (SD Boot), remove it. Any jumper on JP2 (EN Boot) can remain.

NOTE: Jumpers are usually supplied on board and are attached on a single pin.

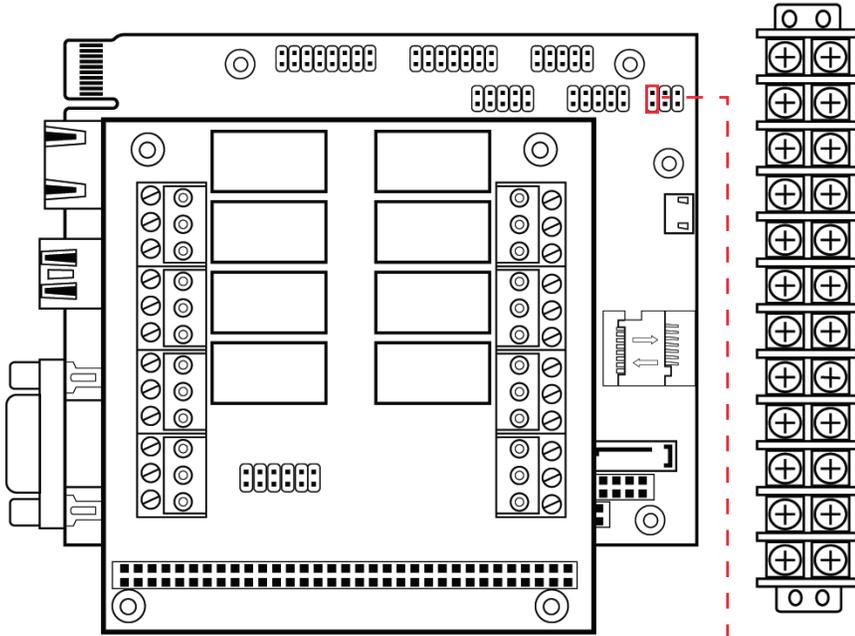
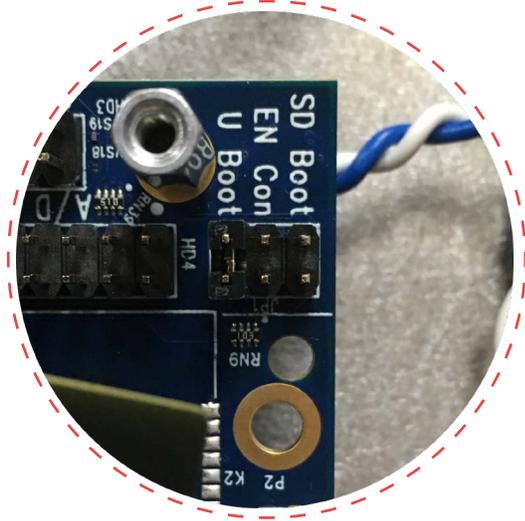


Fig 5



5

Plug in firmware USB drive to top USB port on left side of control board. Unplug credit card reader if needed.

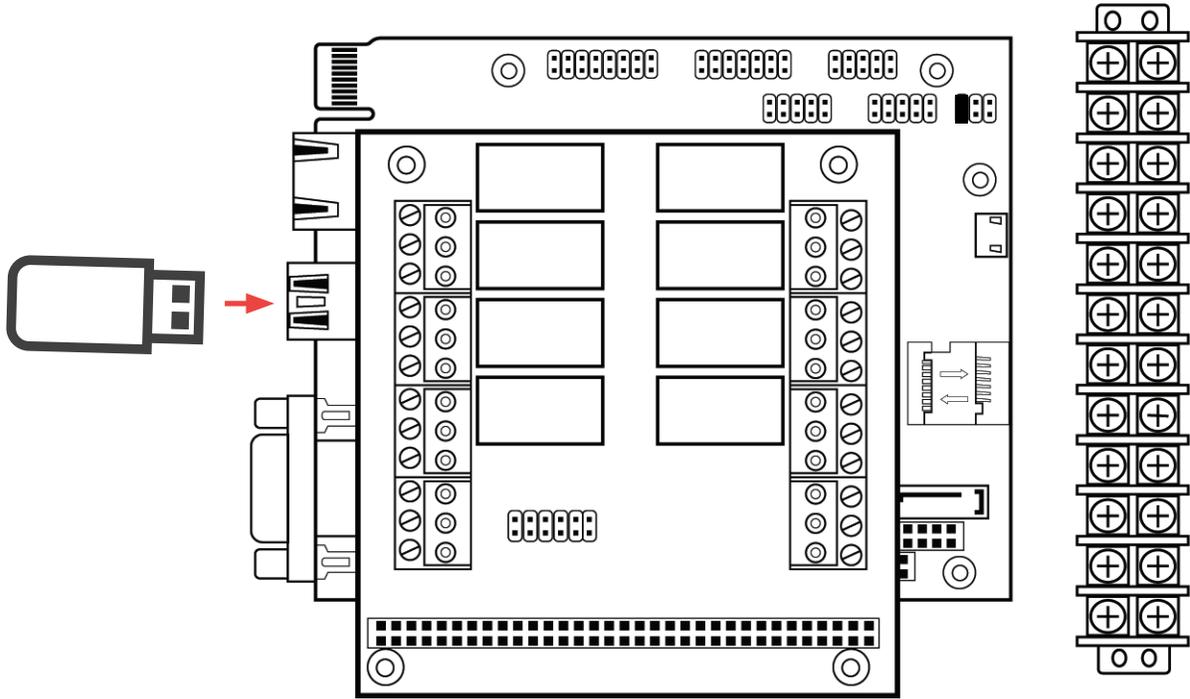


Fig 6

6

Replace replay board on main control board to eliminate risk of shorting. Align screw holes to ensure pins line up to header on main control board.

Turn on power to unit. Screen will display **“Starting up... Please wait”** then, **“Updating, do not power off”**. Updating will take 10-15min. Once update is complete the screen will display **“Remove power and SD”**.

7

Power off unit (see step #1). Remove relay board and then remove jumper and USB drive. Plug credit card reader back into top USB port (if applicable).

NOTE: The only jumper that should remain after update is JP2 (EN boot). Jumpers for JP1 and JP3 (SD Boot and U Boot) remain removed or attached to one pin for later use (see fig 7).

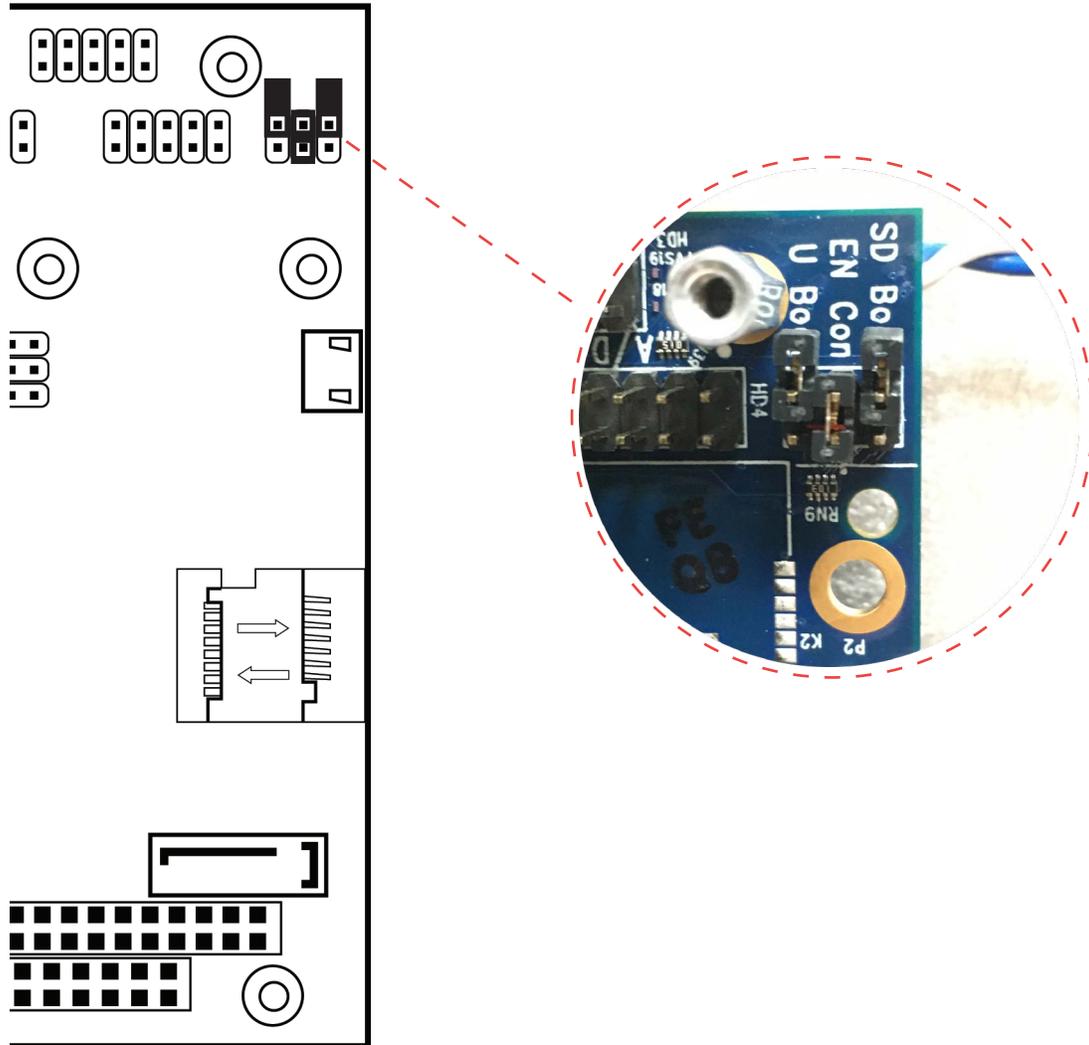


Fig 7

8

Remount relay board by aligning mount holes to ensure pins line up on header board and pressing down to seat connector. Reinsert and tighten mounting bolts.

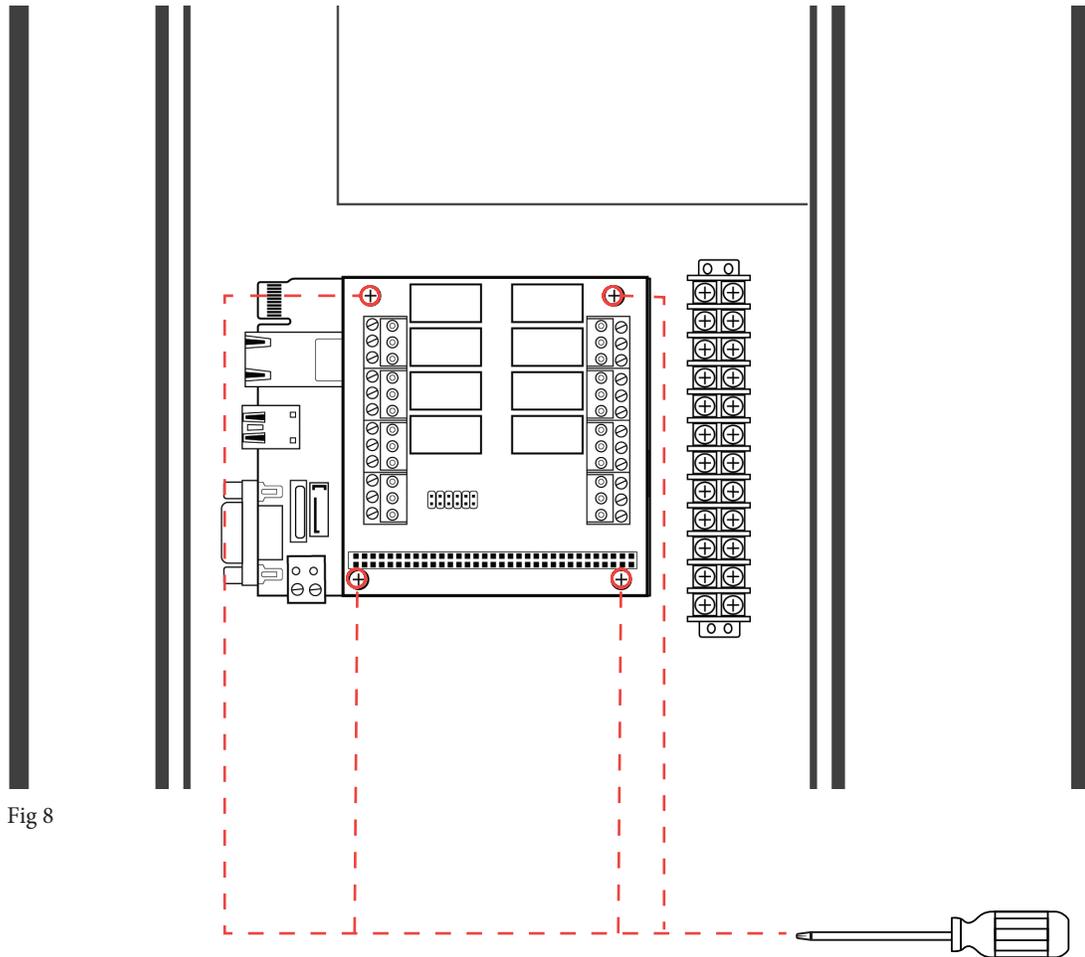


Fig 8

Power on terminal. Contact Parkonect to confirm update was successful.

Questions?

Contact our support team!



312-878-1220



Support@parkonect.