

Summary	Installation of the System 4 Expansion Board				
Products Affected	All doors with the System 4 Controller				
Key Word Tags	Sys4, Expansion Board				
Tools/Equipment (If Required)	Phillips Screw Driver				
Parts/Materials (If Required)	EXPANSION CARD WITH I/O & 2 CH LOOP R00142014				
Related Media					
Author	M. Burzlaff	Issue Date	4/12/2016	Status	Active

Please Read The Entire Bulletin Before Proceeding

In order to accommodate the need for additional inputs and outputs for increased functionality and integration, the System 4 expansion board can be added to the main control board. This expansion board also has an on-board loop module built in, adding 2 additional loop inputs or eliminating the need for the separate loop card.

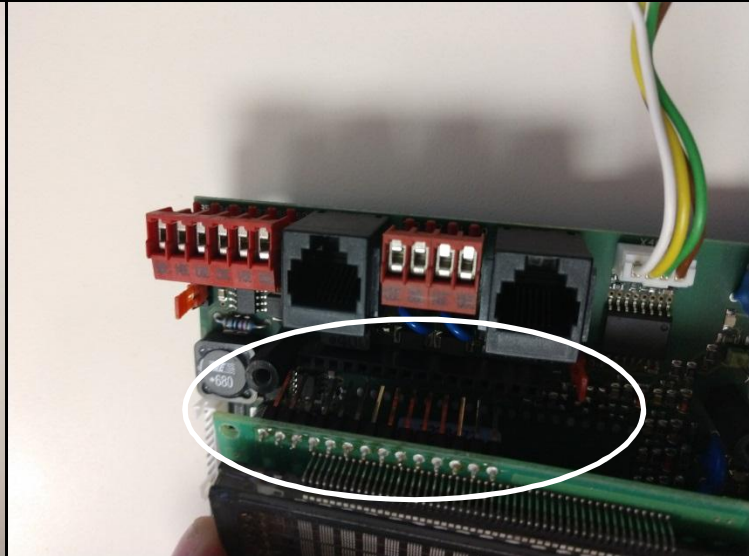
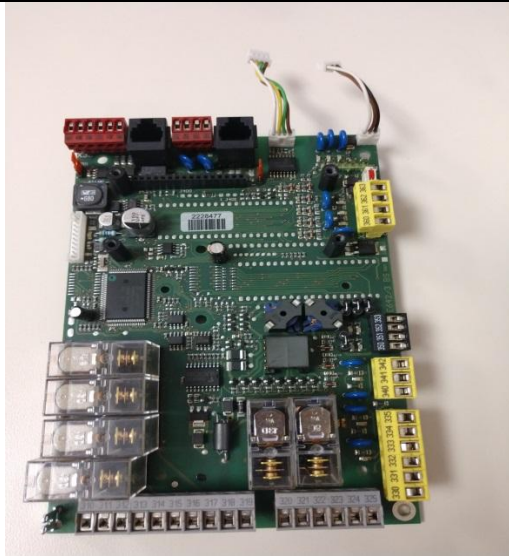
Prior to the installation of the new expansion board, parameter P.800 needs to be set to a value of 5.

WARNING

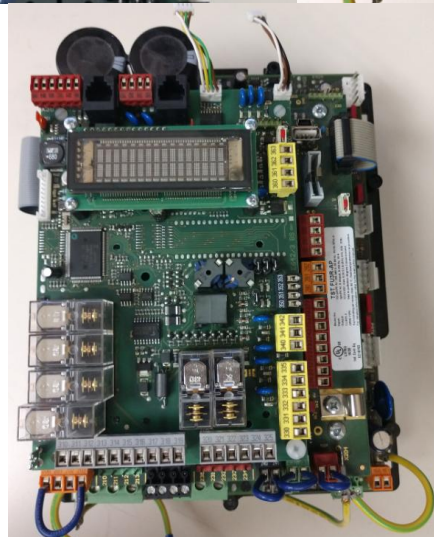
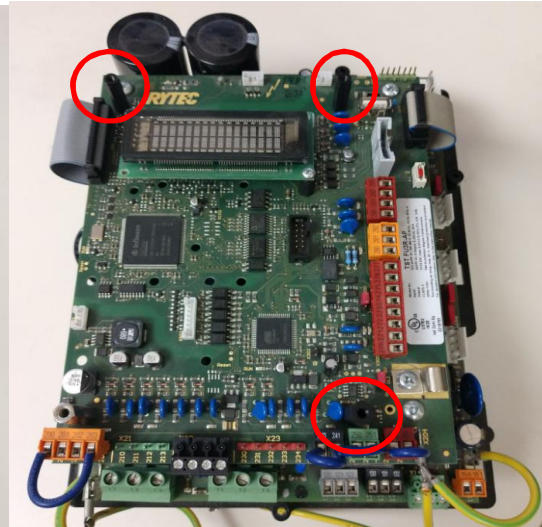
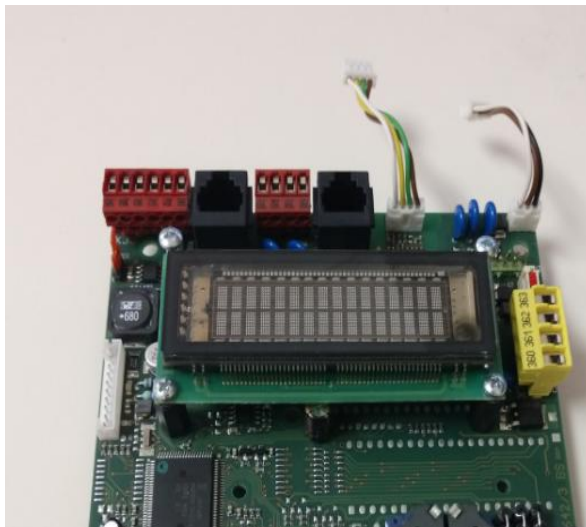
The disconnect must be in the OFF position and properly locked and tagged before performing the next step of the procedure.

After setting P.800-5 and the controller has been powered off for more than 5 minutes, the display will need to be removed from the front control board and installed onto the expansion board. The pins will align to the left side of the socket.

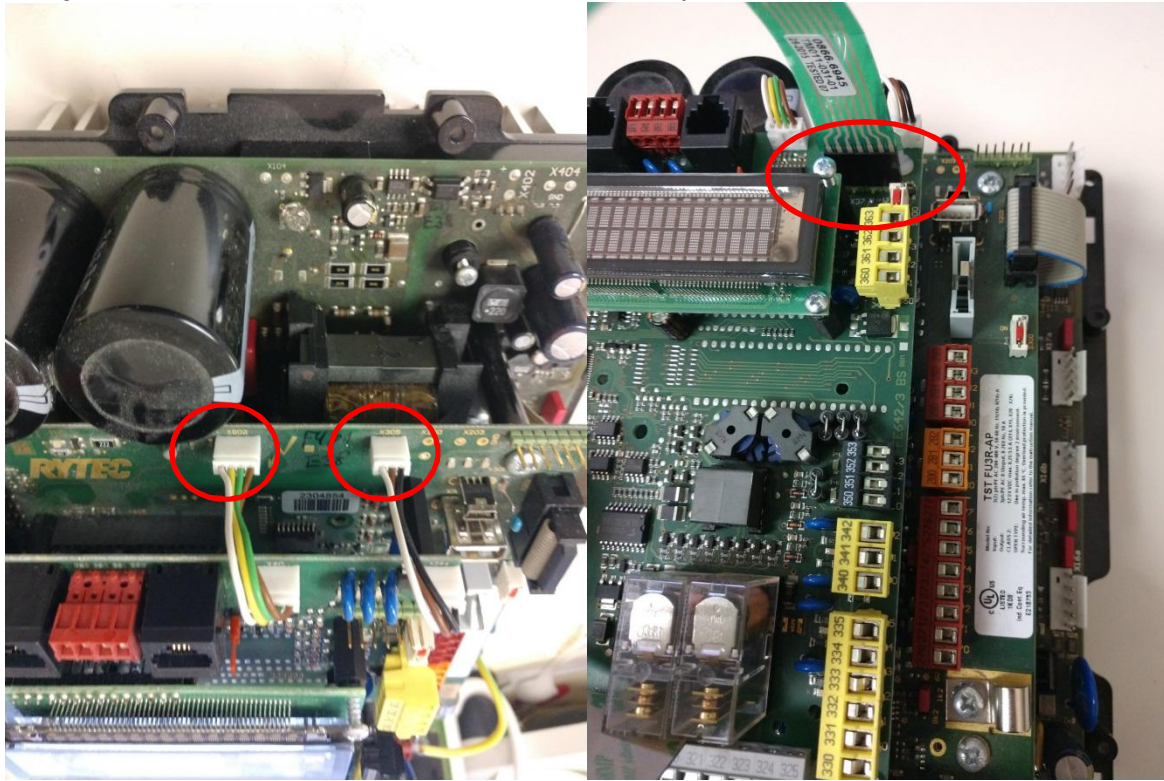




Attach the display to the expansion board with the screws from the front board in each of the 4 corners. Install the 3 expansion board standoffs to the front control board. Secure the expansion board to the standoffs with the 4 provided screws.



Connect the expansion board ribbon cables to the original front board socket on the top of the control boards. Plug the ribbon cable from the buttons onto the expansion board.



Reference expansion board terminal layout on proceeding page for default terminal set up.

If you have any questions please contact Rytec Customer Support at 1-800-628-1909.

