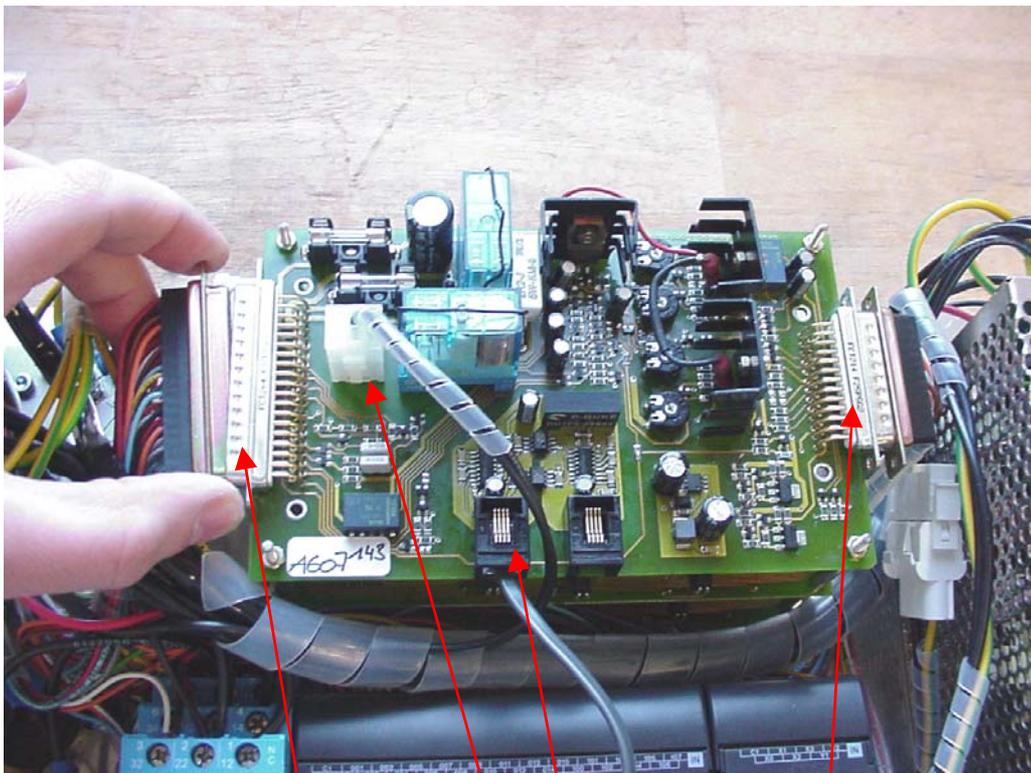


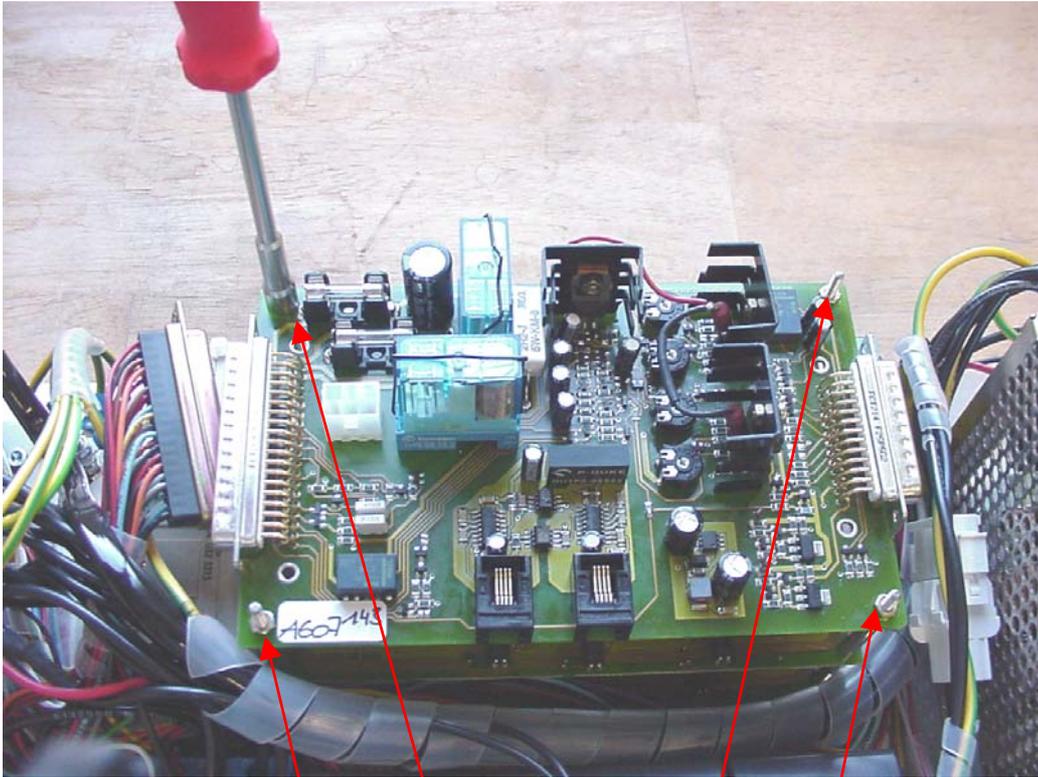
Title:	Installation Controller Board V2.5	ID:	
		0057	
Date in:	Response:	Model:	Author:
2007-12-04	2007-12-04	-	CMa

Installation of Controller Board V2.5

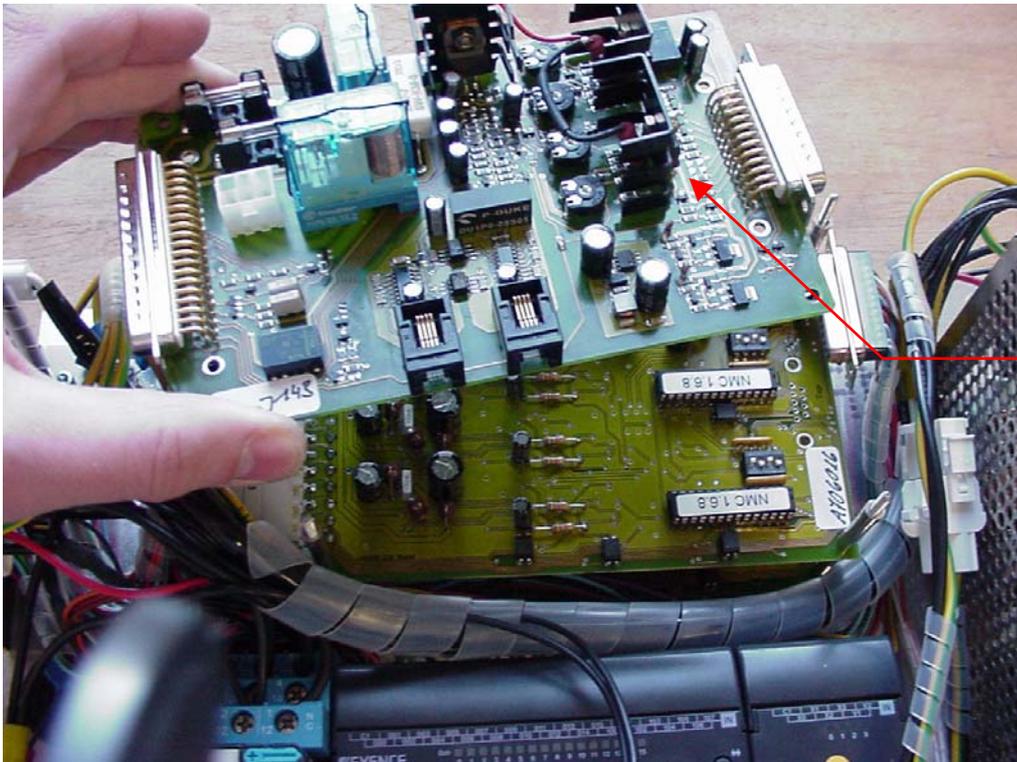
1. Remove module from STX
2. Change controller board



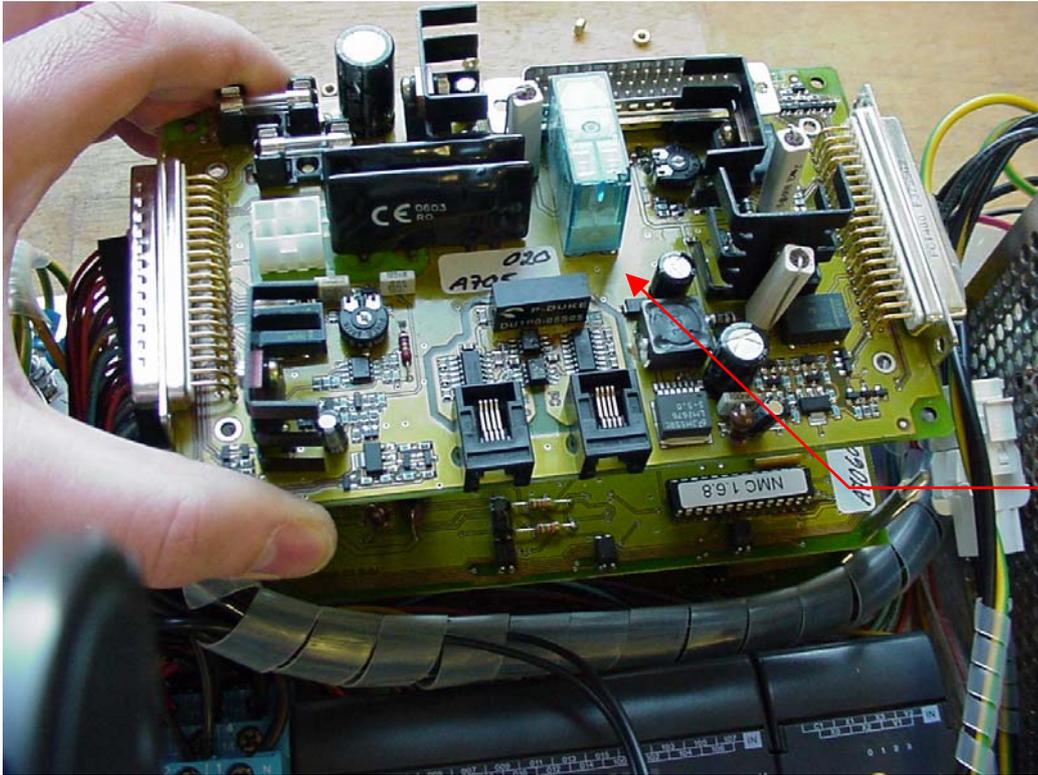
Remove all plugs from old controller board



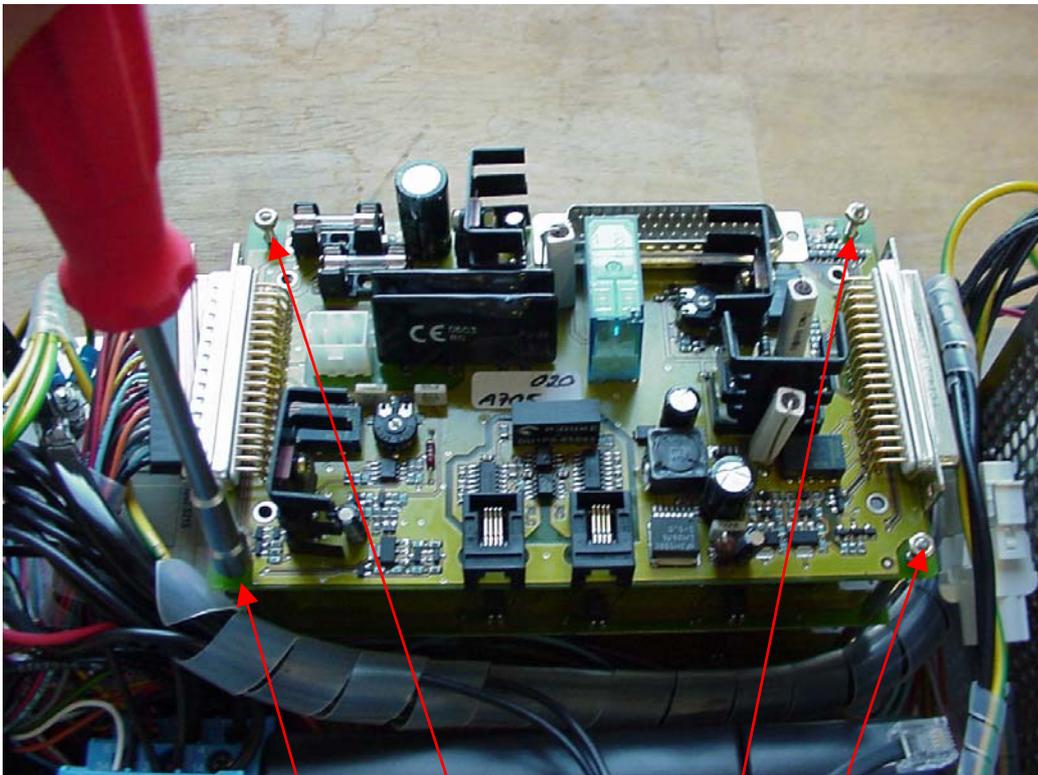
Remove the 4x M3 Nuts



Remove controller board from module



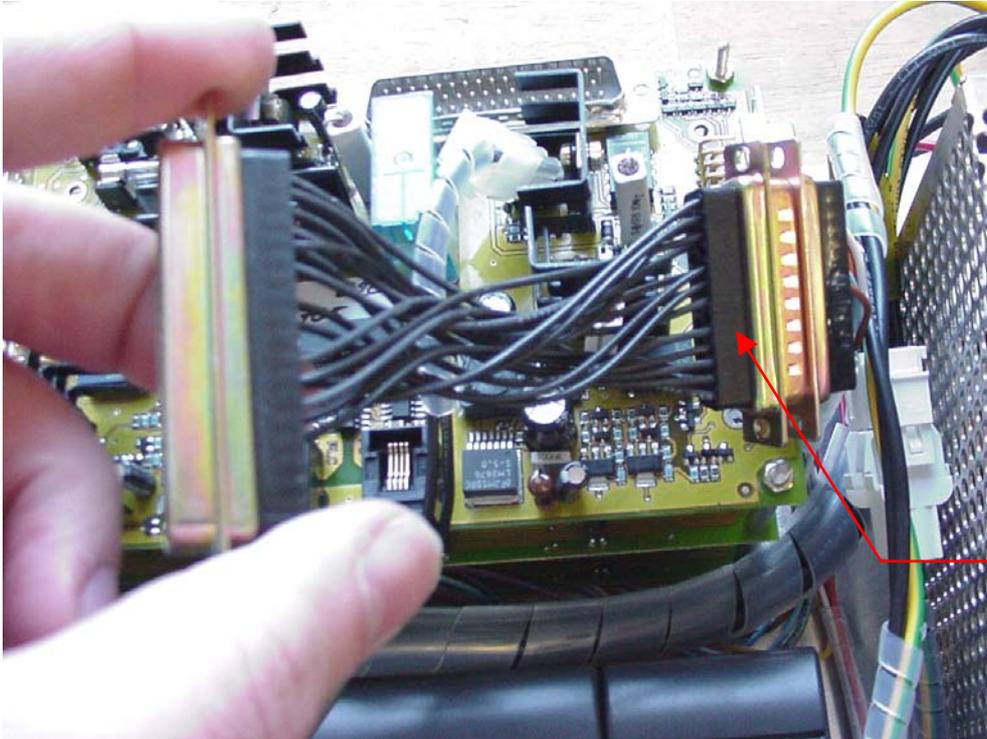
Replace old card with the new one



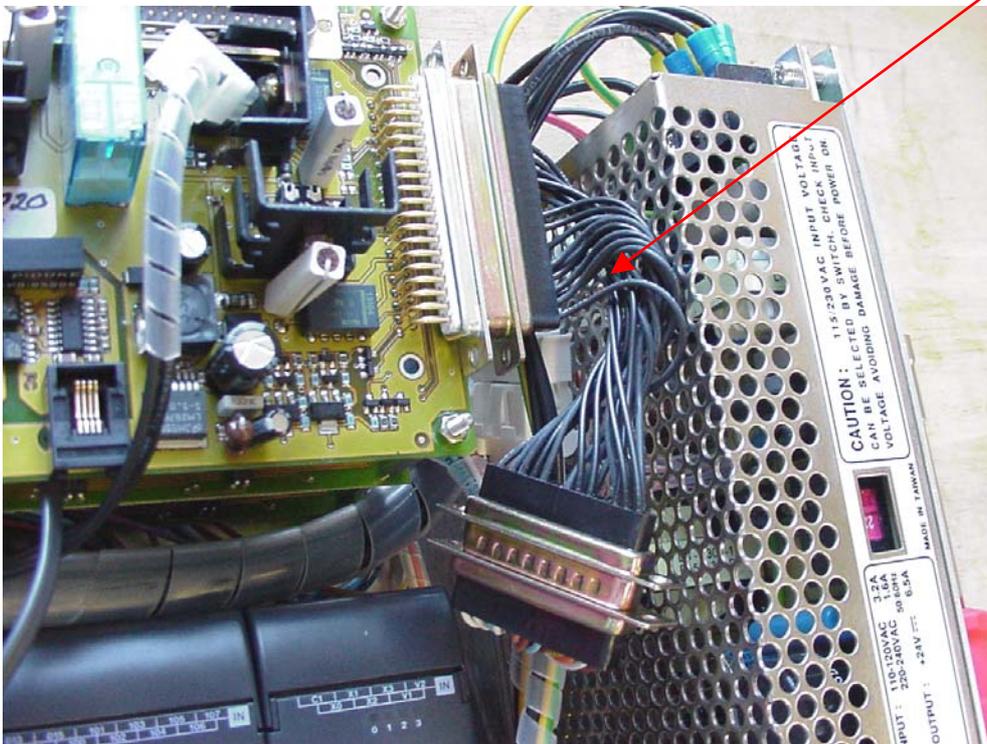
Tighten the 4x M3 Nuts

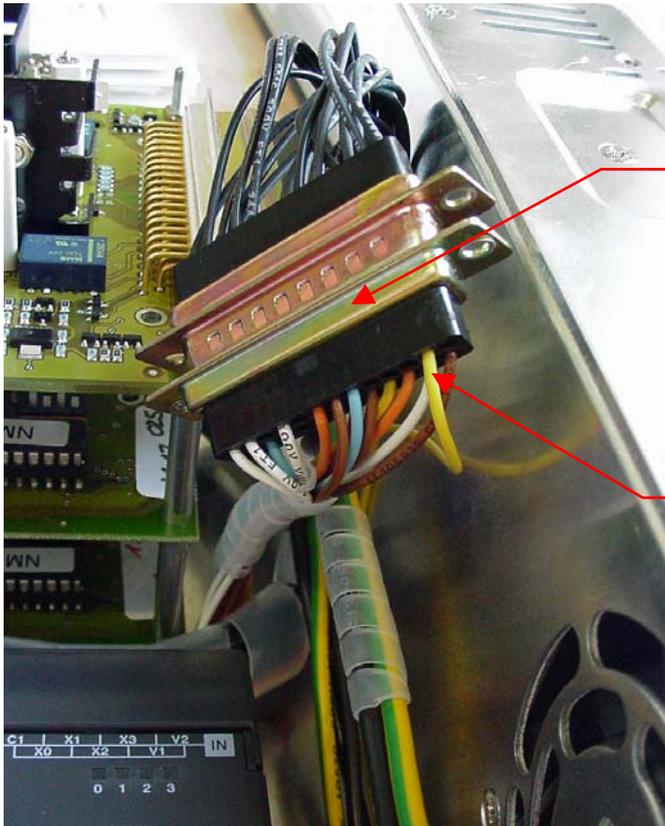
3. The Controller board V2.5 has instead of the 25pin connector a 37pin connectro. Use the delivered adaptor or rewire the 25pin connector to a 37pin connector.

Adaptor:



Adaptor 25pin
to 37pin
connector

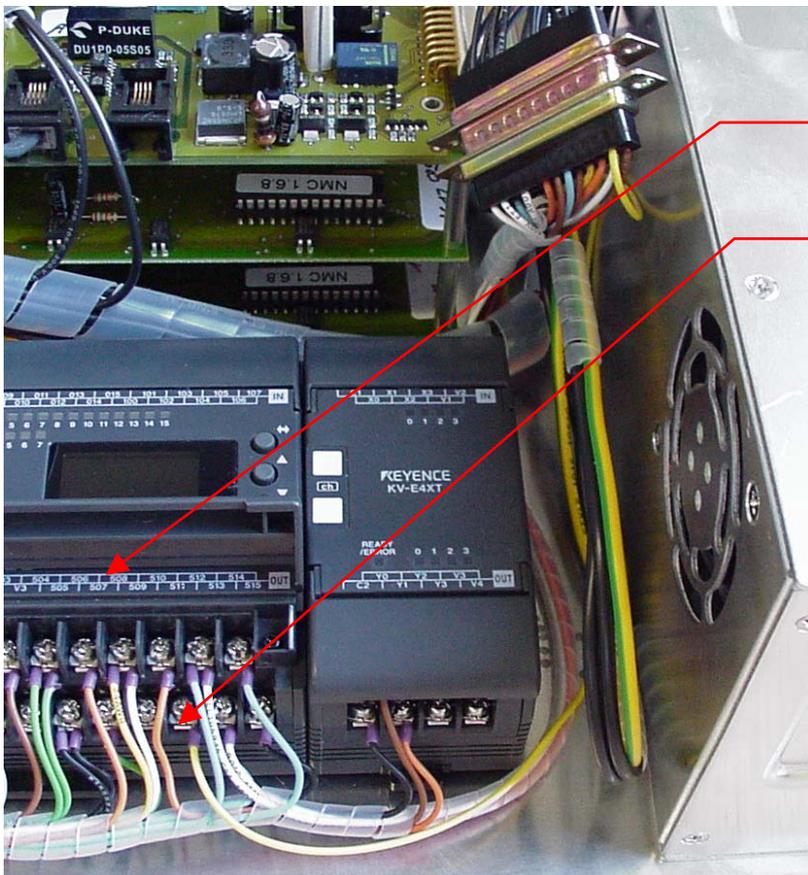




Additional connection from C105.12 to C102.511 when using adaptor:

C105

C105.12



C102

C102.511

Rewiring connector:

Following connections have to be removed:

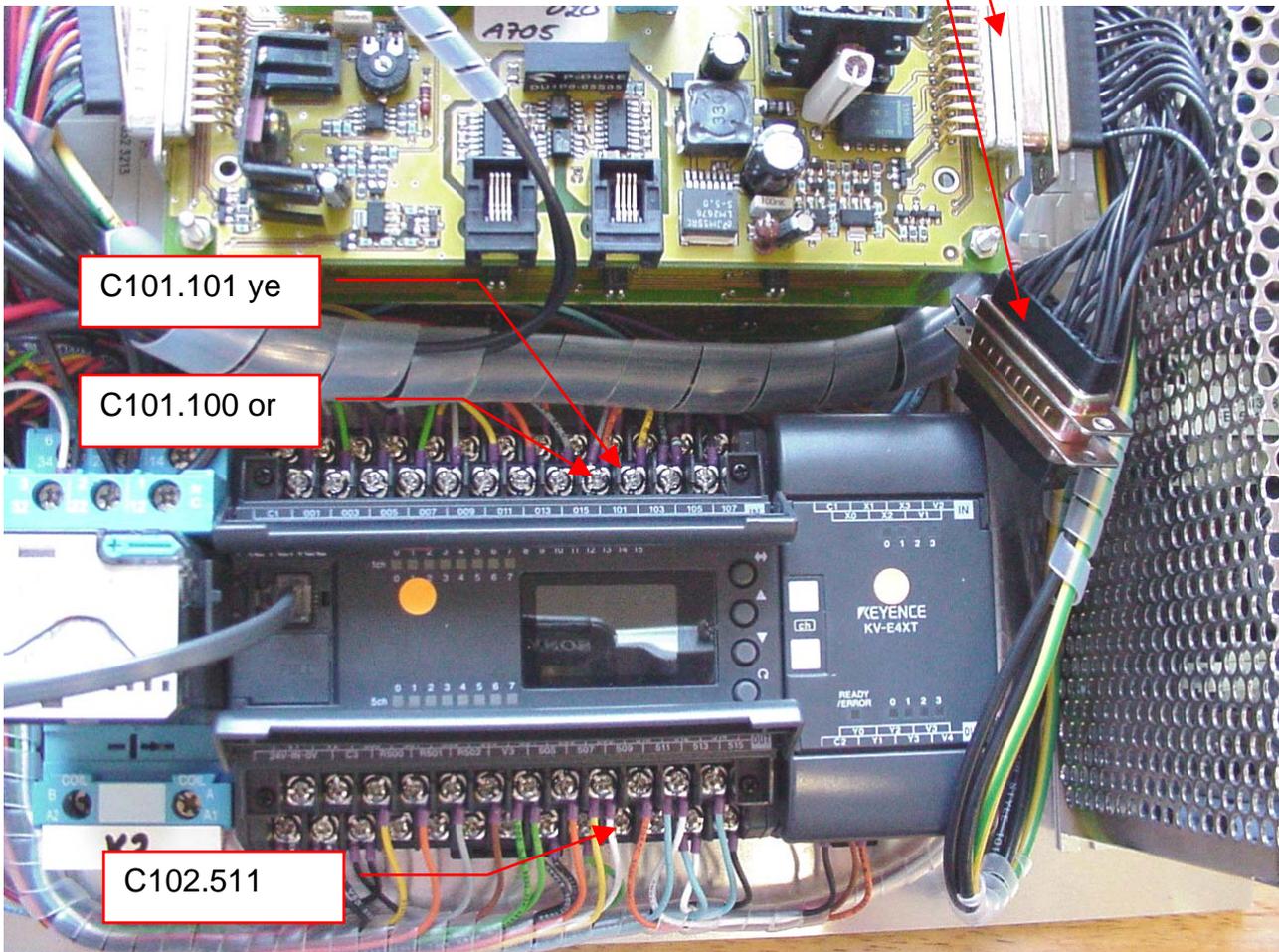
- C101.101 ye to C105.22
- C101.100 or to C105.6
- C201.511 wt to C105.2

Additional wiring:

- C201.511 ye to X2.8

37pol. Sub-D X2

25pol. Sub-D C105



25pol. C105 to 37pol. X2:

Controller V2.1 25pin connector	Controller V2.5 37pin connector	Color	Function
1	19	wt	Buffer 1 in
2	18	wt	Buffer 2 in
3	17		Inverter 2 in
4	16	wt	+5V
5	15		Inverter 2 out
7	27	Bn	+24V direct
8	12	bu	0V GND
9	11		Pull up
11	26	rd	+24V direct
12	8		Fast X-fer Station
13	7		Pull up
14	6	bu	Buffer 1 out
15	5	bu	Buffer 2 out
20	25	rd	+24V direct
21	36	bn	0V GND
23	34	or	X-fer Station Enable
24	33	wt	X-fer Station Motor -
25	32	bn	X-fer Station Motor +

4. Re-connect the connectors to the controller board.

Important: To-use-a Slide Station with the System a Firmware upgrade has to be performed.