



Rev. K Board Retrofit



*Assembly Kit (P/N 200732) Includes:

<u>Part #</u> 200155 Rev K 500355 <u>Description</u> Controller PCB Assembly Rev. K Board Retrofit Instruction Document

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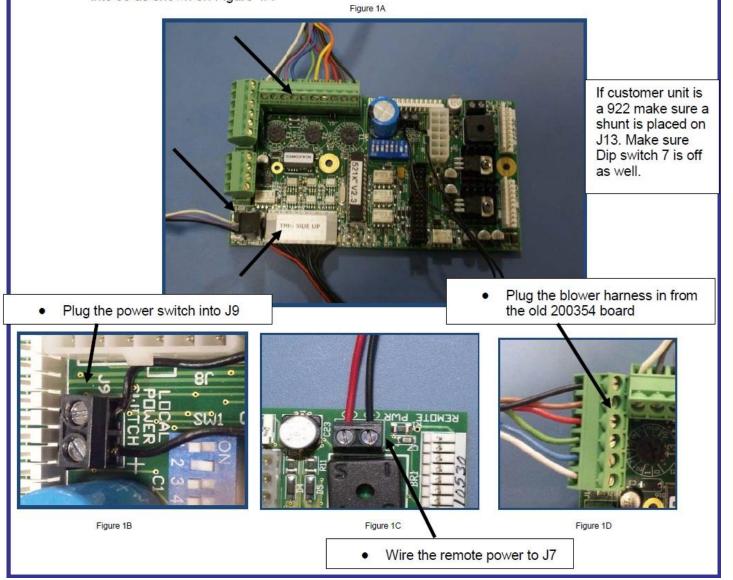
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Procedures for Rev. K Control Board Installation

- When replacing a Rev J Control Board in a 900MTU first remove the existing 200354 board and keypad.
- Plug the keypad into J11, The door switch of the MTU into J12, and the 10pin plug from the 200354 into J5 as shown on Figure 1A

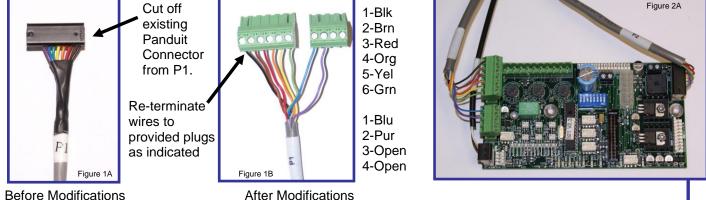






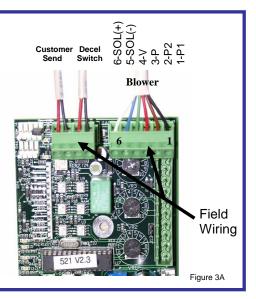
Some applications will be replacing an old Rev J Control Board. In this case you are required to make modifications to existing cable harnesses to insure the machine works properly.

• When replacing a Rev J Control Board in a **Dual 900MTU** first remove the existing cable assembly (200378) followed by the Rev J Control Board. Once the cable harness and Rev J Control Board are removed refer to figures 1A and 1B below for cable modification instructions.



 Once harness is modified install new Rev K Control Board using existing hardware and mounting bracket. Reinstall modified cable harness (200378) as shown in figure 2A above and apply correct switch settings. (Note: For switch settings refer to page three of document)

- When replacing a Rev J Control Board in a **521 TU** first remove the existing interface cable (200190) followed by the Rev J control Board.
 - Install new Rev K Control Board using existing hardware and mounting bracket.
 - Terminate field wiring directly to Rev. K Control Board using provided plugs as indicated in figure 3A and apply correct switch settings. (Note: For switch settings refer to page three of document)
 - Install J2 and J3 where they were previously from the Jboard.
 - Install CVM relay wiring to remote power on J7

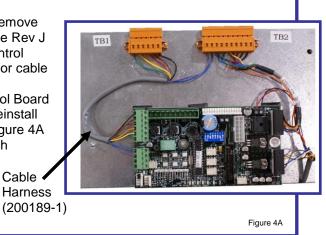


Field Installation Guide



- When replacing a Rev J Control Board in a LTS first remove the existing cable assembly (200189-1) followed by the Rev J Control Board. Once the cable harness and Rev J Control Board are removed refer to figures 1A and 1B above for cable modification instructions.
 - Once harness is modified install new Rev K Control Board using existing hardware and mounting bracket. Reinstall modified cable harness (200189-1) as shown in figure 4A and apply correct switch settings. (Note: For switch settings refer to lower portion of this page)

Cable -Harness







Rev. K Board Switch Settings

Switch settings for 900MTU

	900AX CU
1 - Off $2 - On$ $3 - Off$ $4 - Off$ $5 - Off$ $6 - Off$ $7 - On$ $8 - Off$	$\begin{array}{c} 1-On\\ 2-On\\ 3-Off\\ 4-Off\\ 5-Off\\ 6-Off\\ 7-On\\ 8-On\\ \end{array}$

922 CU 921/922 CU Blower above CU Blower above TU 1 - On1 - Off2 – On 2-On3 - Off3-Off4 - Off4-Off5 - Off5 - Off6 - On6 - On7 - Off7 - Off8 - On8-Off

Switch settings for 521 TU

Manual	 Motorized			
$\begin{array}{c} 1 - Off \\ 2 - Off \\ 3 - Off \\ 4 - Off \\ 5 - Off \\ 6 - On \\ 7 - Off \\ 8 - Off \end{array}$	1 - Off $2 - On$ $3 - Off$ $4 - Off$ $5 - Off$ $6 - On$ $7 - Off$ $8 - Off$			

Switch settings for Lobby Teller

	Lift Station						
1 - Off $2 - On$ $3 - Off$ $4 - Off$ $5 - Off$ $6 - On$ $7 - Off$ $8 - Off$	$\begin{array}{c} 1 - Off \\ 2 - On \\ 3 - Off \\ 4 - Off \\ 5 - Off \\ 6 - On \\ 7 - Off \end{array}$						



LED	Legend
(I1):	LED1 Local Door Closed
(I2):	LED2 Local Door Open
(I3):	LED3 Send
(I4):	LED4 Recall
(I5):	LED5 All Doors Closed
(I6):	LED6 Decel Switch
(I7):	LED7 Solenoid
(I8):	LED8 Vacuum
(I9):	LED9 Pressure
(I10)	LED10 Remote Door Closed

(III): LED11 Remote Door Open



Field Installation Guide

	1		2			3					4	
NOTES:				RE		PTION / REF	TOENOC	REVIS	IONS		DATE	B
TIMERS (T1) CYCLE TIME	R. CONTROL TIME	RANGE WITH O	PTION SWITCH 6.	NC	INTIAL F	Releas - Ni	EW REV K C				12-13-2	007 JN
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(T3) <u>SELECT PR</u> (CHIP VER. 2.0 SOLENOID EN TIME SOLENOI (CHIP VER. PR STOP VALVE I	GAGE TIMER. <u>SWIT</u> D STAYS ENGAGE	<u>CH 4 NOT USED</u> D, RANGE 5-15 IALLY USED.	<u>).</u> SEC.	Ē	UPDATE						01-14-2	015 NI
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OFF=NO DELA ON=ADJUSTAE	DELAY AFTER CY Y AFTER CYCLE LE DELAY WITH T	CLE: IMER #2.					\bigcirc) (0		ED FOR 900	
	-		. LEVEL D INSTALLATIONS).		<u> </u>		•••••			APPLICA		10 9.
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	R RANGE: E 0-100 SEC.(1) E 0-10 SEC.(1-5								- P @/e	- REMOTE	POWER	
(CHIP VER. 2.0 900A OPTION: OFF=INACTIVE ON=ACTIVE	CESSOR VER. LEV AND HIGHER) (CARRIER DETECT	, DOOR CONTRO	-)		9 6 6 200			0 0 0				
(CHIP VER. 2.0 DOOR REVERSA OFF=INACTIVE ON=ACTIVE	L OPTION: (LTS 1	TO 521TU)				·		HUNT ON REQUIRED		& 8 2 TO CHUT	E	
CONNECTORS	IOR TO 2.0) NOT S: ALL SIGNALS F		NIT							ocal Door (ocal Door (
(J3) MOTOR/LIM (J4) REMOTE DO	WITCHES: TELLER IT SWITCHES: TELL OR: JUMPER ON	LER UNIT OPERA PINS 4-5 IF N							(14): Re (15): Al	ecall I Doors Cla ecel Switch		
(TB1) REMOTE P OTHER REMOTE	ACCESSORY		R RELAY AT CVM C	R				(
RELAY/LED FU (RLY5) LOCAL D PRESENT). LED BY RELAY.	OOR: CONTROLS	TELLER UNIT AUT OPEN/CLOSED	TOMATIC DOOR (IF STATE-CONTROLLEI	D				·		200		
(RLY4) VACUUM: SIGNAL ACTIVE.	CONTROLS VACU	UM BLOWER. LI	ED INDICATES VACU	MUI								
(RLY3) PRESSUR PRESSURE SIGN/		ESSURE BLOWER	. LED INDICATES									
(RLY2) SOLENOID SOLENOID SIGNA	D: CONTROLS STO L ACTIVE.	P SOLENOID. L	ED INDIĈATES			00	CUMENT NO				SCALE	SHE
			T AUTOMATIC DOOF STATE-CONTROLLEI			FIL TO	500350			E [1 o	$ \begin{array}{c} \hline F & 1 \\ \hline 2 = 1 \\ \hline COMCO \\ COMCO \\ \hline COMCO \\ COMCO \\ COMCO$	SYSTE
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