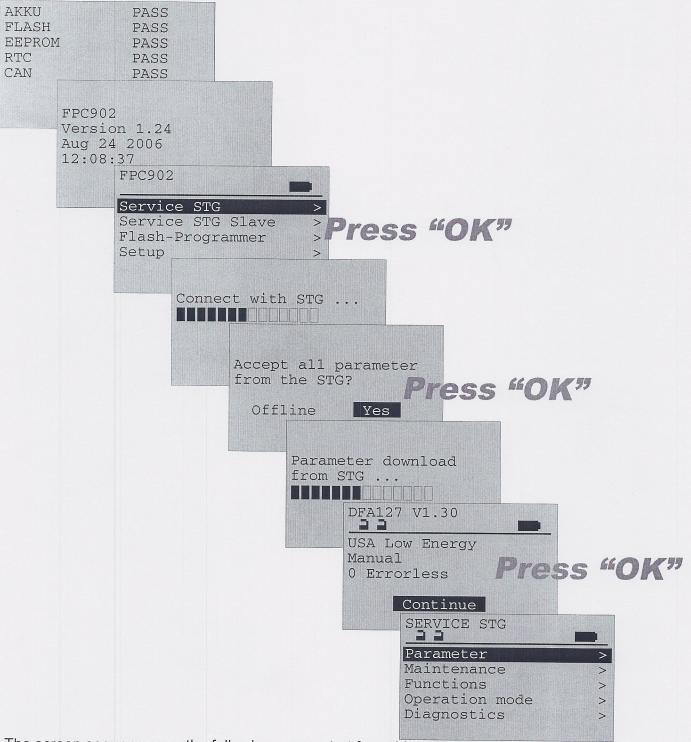
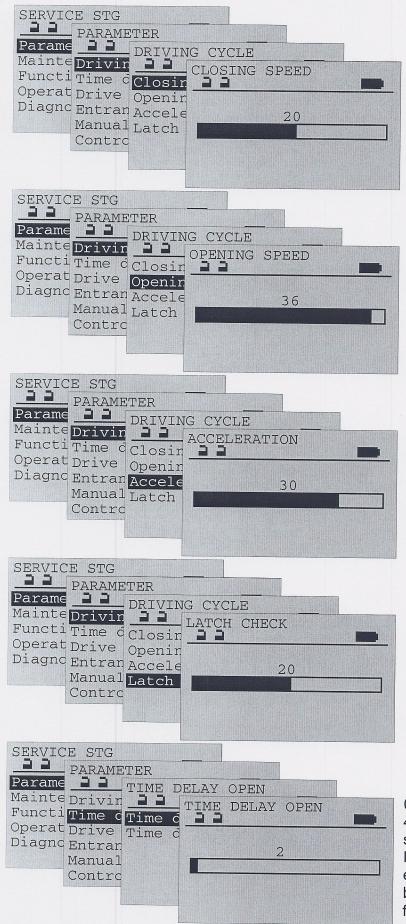
Servicing the Series 8000 with the FPC-902 Hand Terminal



After the operator has been mechanically installed, the arms attached to the door, and 120VAC connected to the power supply, connect the FPC902 Hand Terminal to the operator control. The following sequence of screens will occur. The final screen shown below is the base point from which various settings for the operator are accessed and modified.



The screen sequences on the following pages start from this point and document the various adjustable parameters in the control. When at any of the screens shown below, the above screen can be accessed by pressing the "ESC" key one or more times.

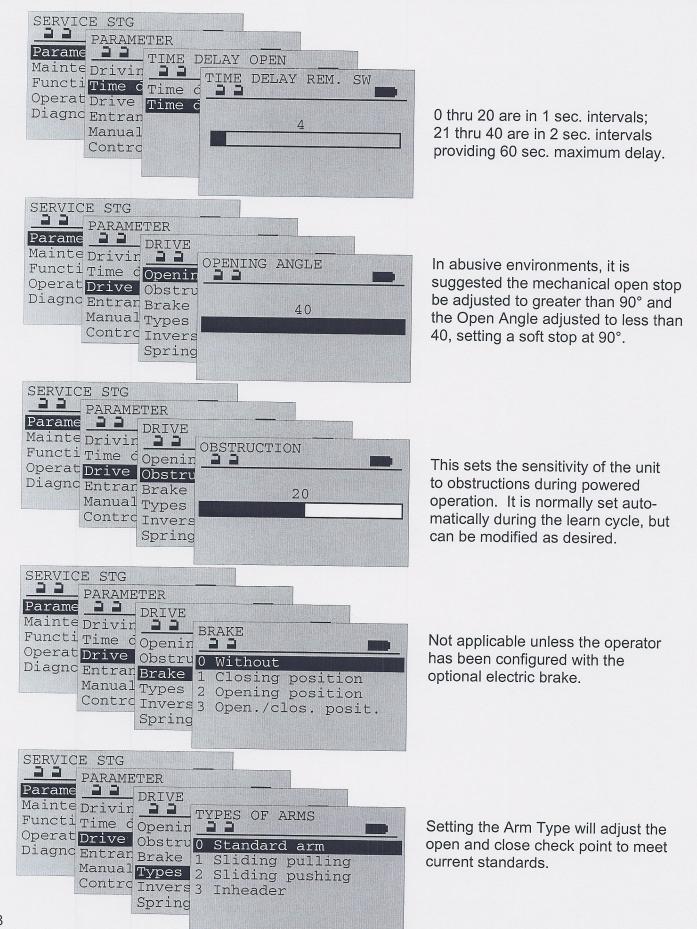


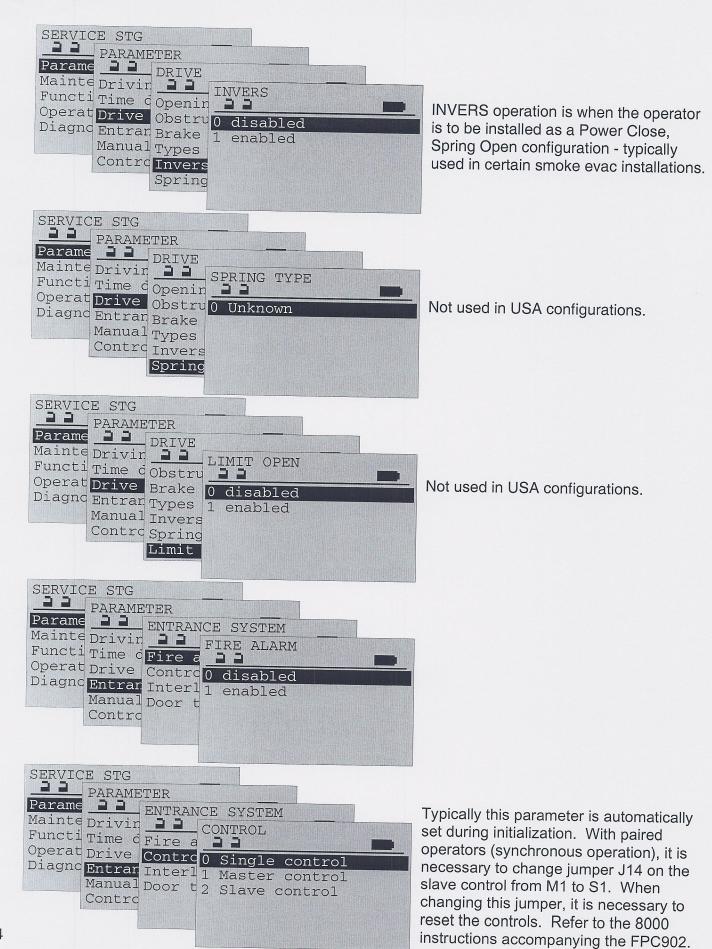
Note: If Manual Control has been enabled (see page 5), this adjustment will be superceded by the Closing Speed adjustment in Manual Control (see page 6).

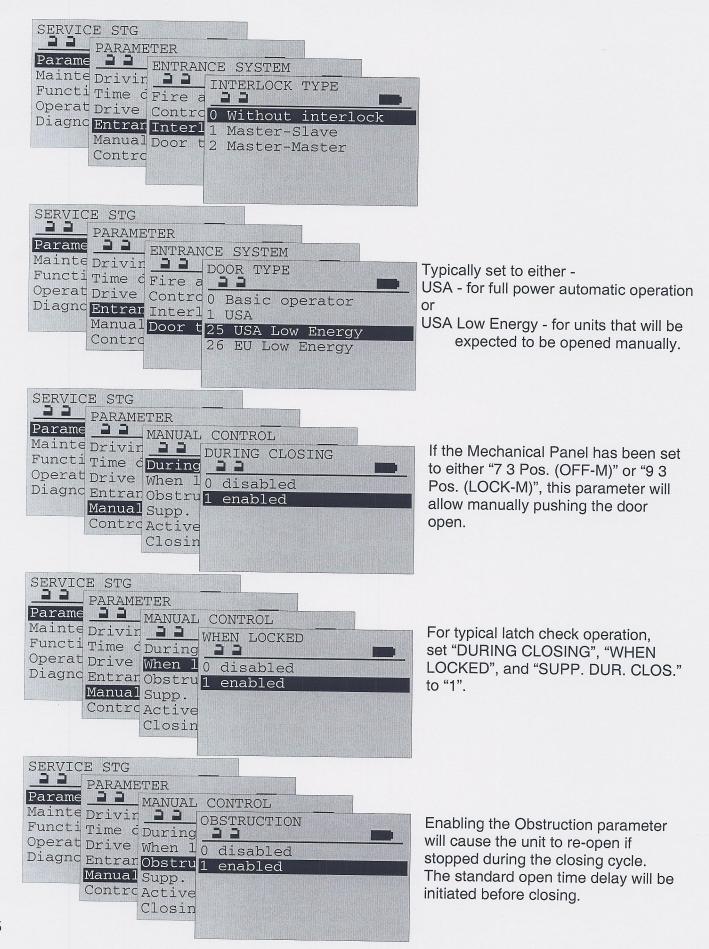
If this operator is to be set up for low energy operation, opening and closing speeds must be adjusted to conform to the requirements of ANSI A156.19.

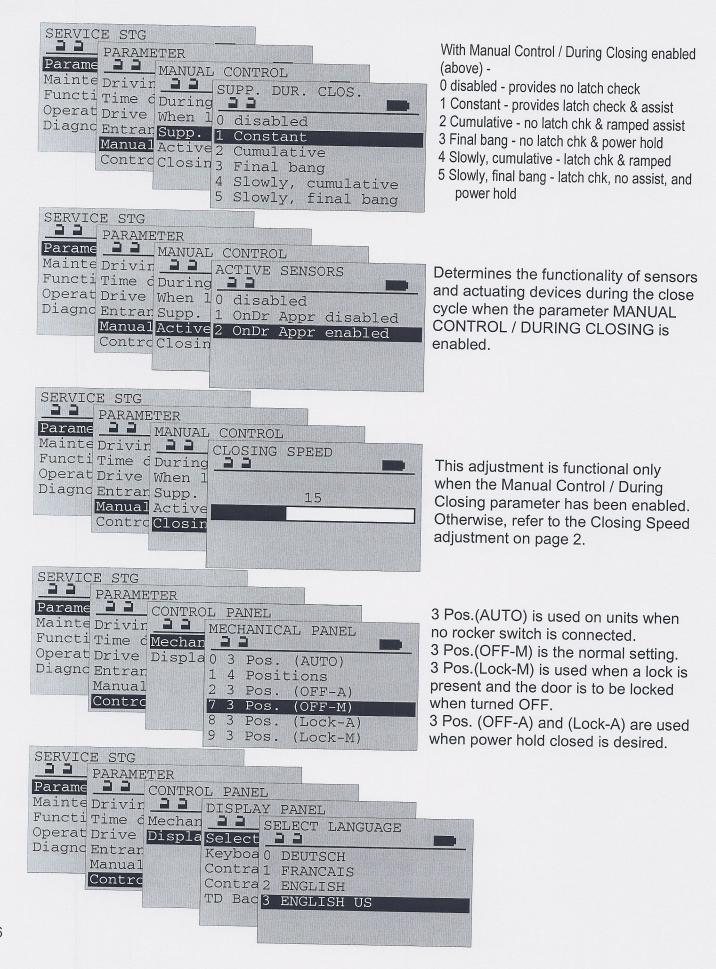
0 thru 20 are in 1 sec. intervals; 21 thru 40 are in 2 sec. intervals providing 60 sec. maximum delay.

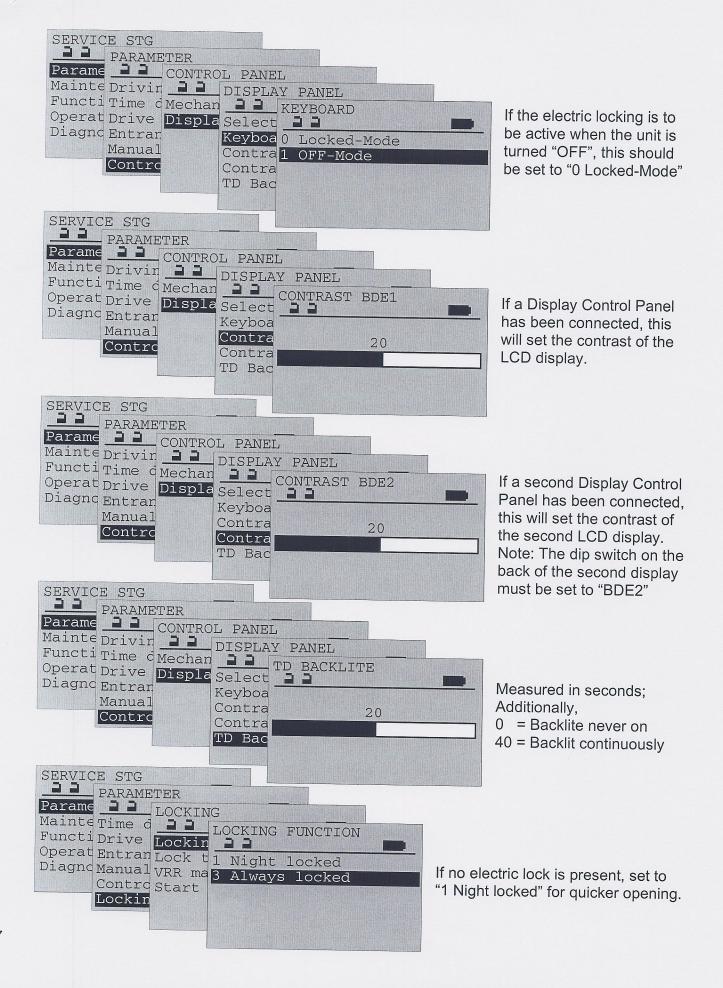
If this operator is to be set up for low energy operation, the time delay must be set to 5 seconds, minimum, to conform to ANSi A156.19.

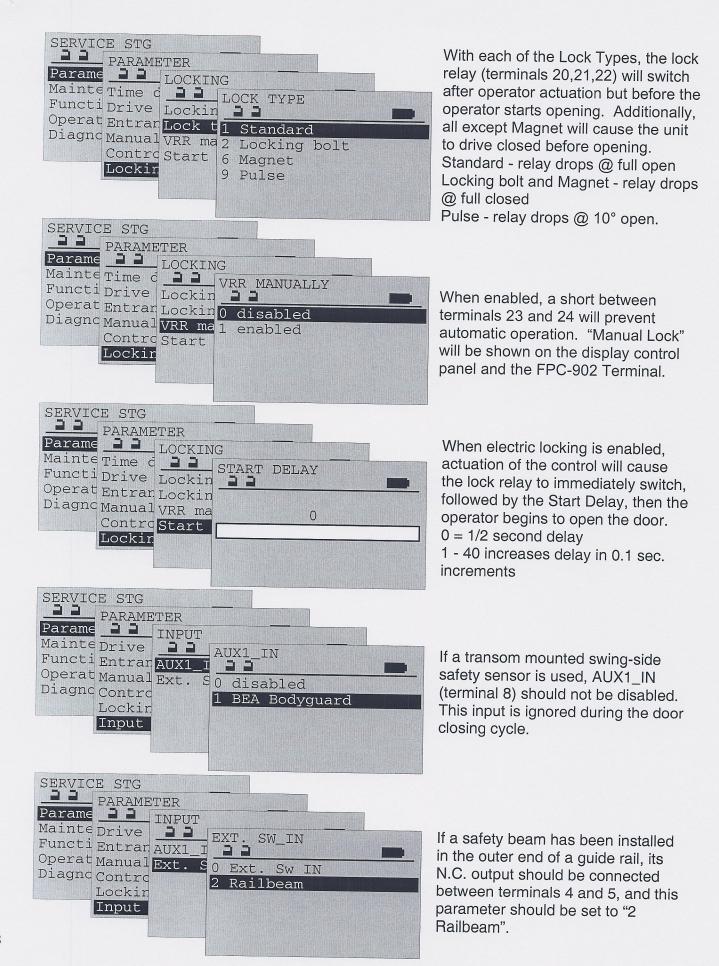


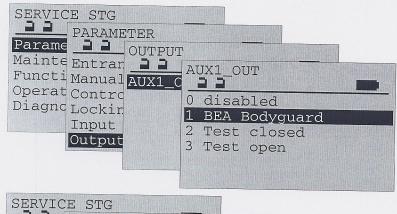




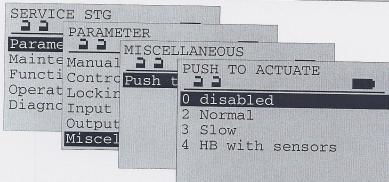




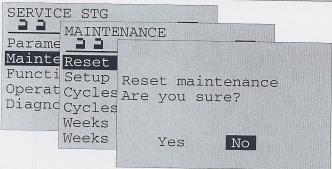




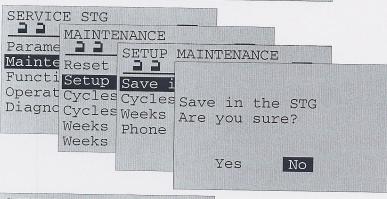
This parameter sets the output from terminal 9, and if "1 BEA Bodyguard" is selected, this output should be connected to the DATA + input to the BEA BodyGuard. See the Series 8000 wiring diagram.



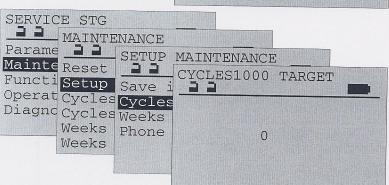
"2 Normal" will cause the operator to open at the adjusted "Open Speed" parameter. "3 Slow" will cause the operator to open in approximately 7.5 seconds. NOTE: When Push to Actuate is enabled, the operator will resist manually opening the door at a speed greater than the Open Speed the unit is adjusted to.



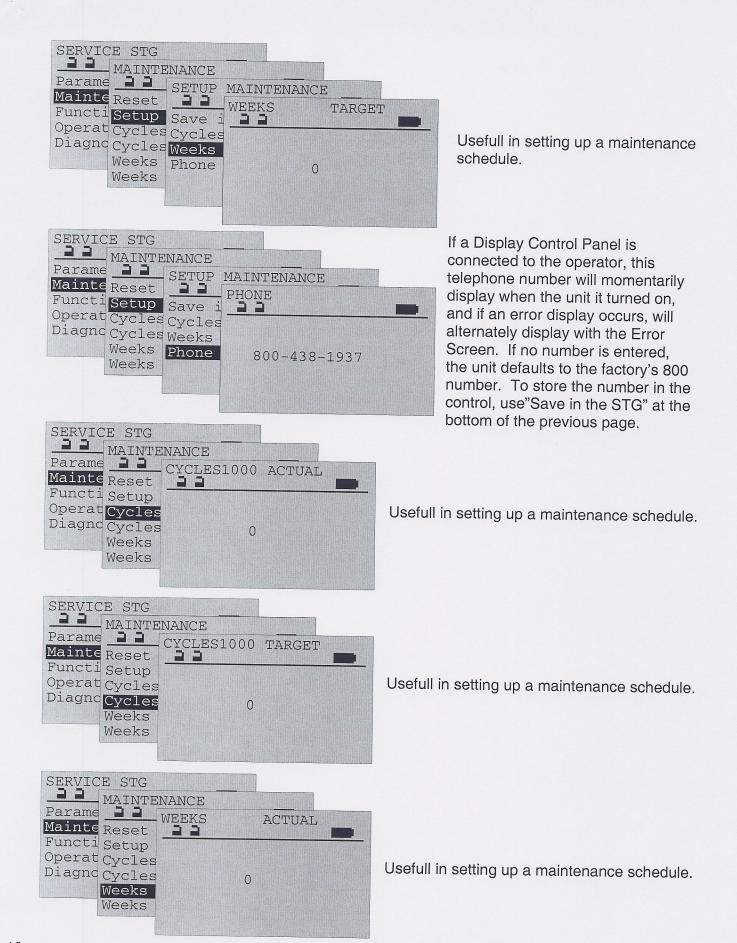
Usefull in setting up a maintenance schedule.

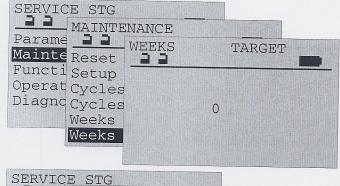


Usefull in setting up a maintenance schedule.

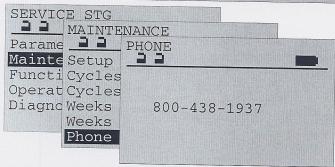


Usefull in setting up a maintenance schedule.

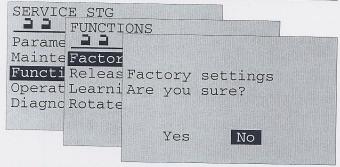




Usefull in setting up a maintenance schedule.



An alternate location for setting a custom telephone number. If a Display Control Panel is connected to the operator, this telephone number will momentarily display when the unit it turned on, and if an error display occurs, will alternately display with the Error Screen. If no number is entered, the unit defaults to the factory's 800 number. (It is not necessary to use "Save in the STG" from this screen.)



SERVICE STG

FUNCTIONS

Parame

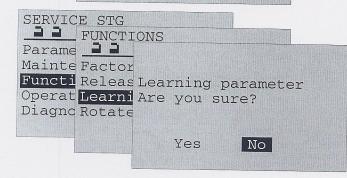
Mainte Factory settings >

Functi Release AKI >

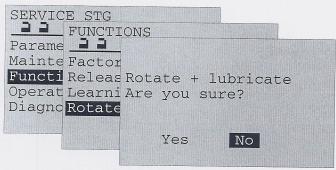
Operat Learning parameter >

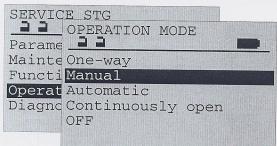
Diagnc Rotate + lubricate >

Selecting "Release AKI" will send an actuate signal to the operator, similar to shorting between terminals 1 and 2.

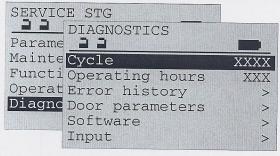


Initiates a calibration run, similar to pressing and holding the Control Button for 3 flashes of the Control LED.

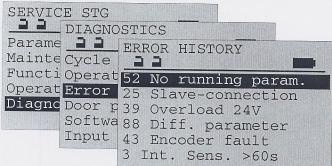




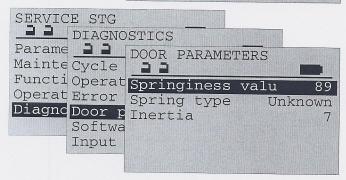
Indicates the current operational mode of the door. Note this screen does not dynamically update in response to changes to the control panel. The Status screen, accessible anytime the terminal is servicing the unit (STG), will dynamically update in response to changes to the control panel(s).



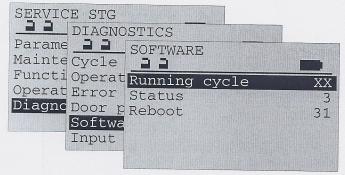
For Factory reference.



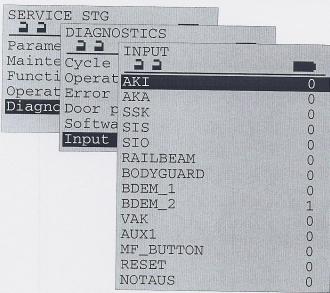
Displays the last 10 errors that have occurred. Useful in determining what has been occurring with the operator prior to servicing.



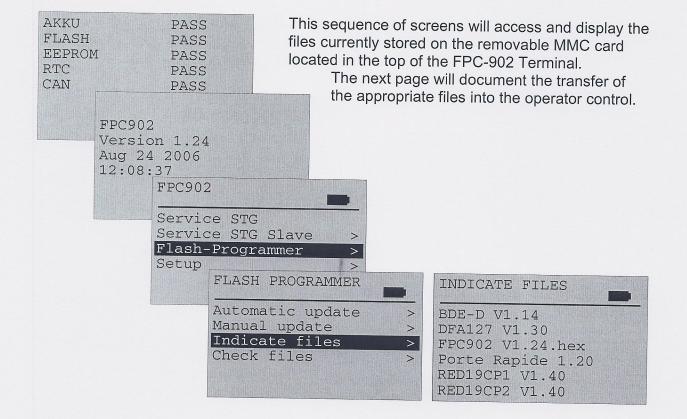
For Factory reference.



For Factory reference.

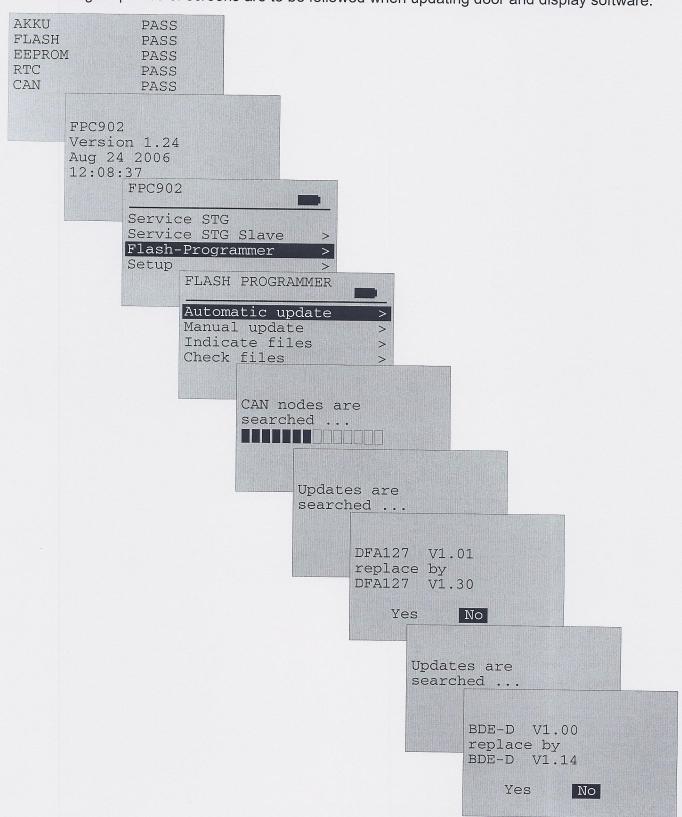


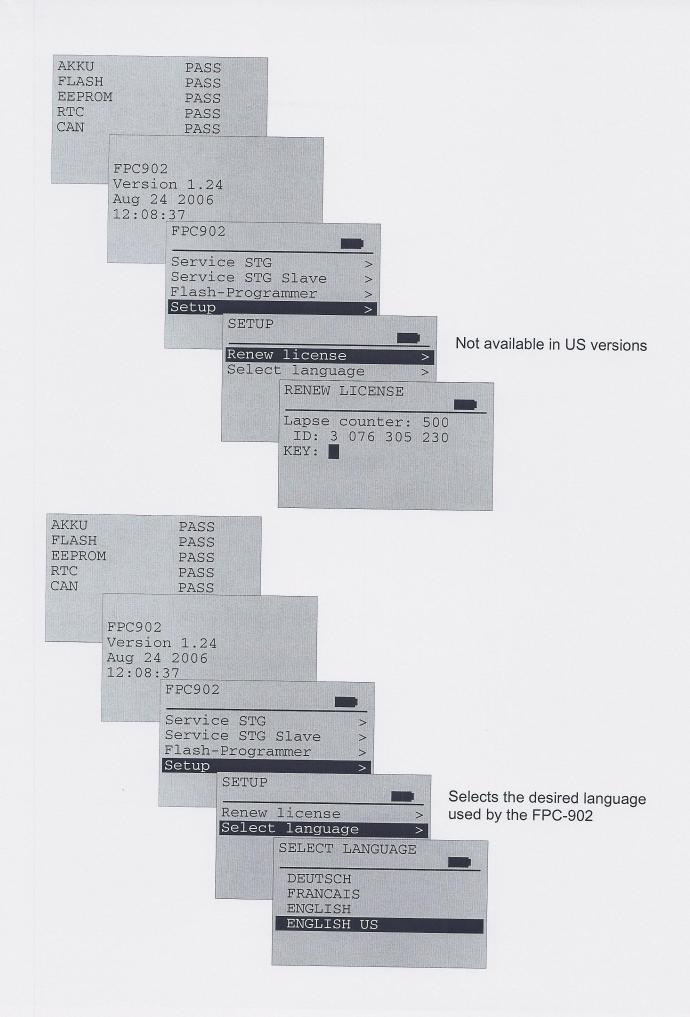
This screen provides a real time status for each of the control's inputs. A "0" indicates the input is not actuated, a "1" indicates it is. AKI = Approach Sensor AKA = Two-Way traffic 2nd Approach Sensor SSK = Remote Switch (active when unit is off) SIS = Door Mounted Approach Sensor SIO = Door Mounted Swing-side Safety Sensor RAILBEAM = Guide Rail Safety Beam BODYGUARD = Transom mounted Safety BDEM_1 = Rocker Switch "Hold Open" BDEM_2 = Rocker Switch "Automatic" VAK = Locking Monitor Switch AUX1 = Input when Bodyguard is disabled MF_BUTTON = Pushbutton on control RESET = Pushbutton with Rocker switch NOTAUS = Fire Alarm Input (14 & 15)





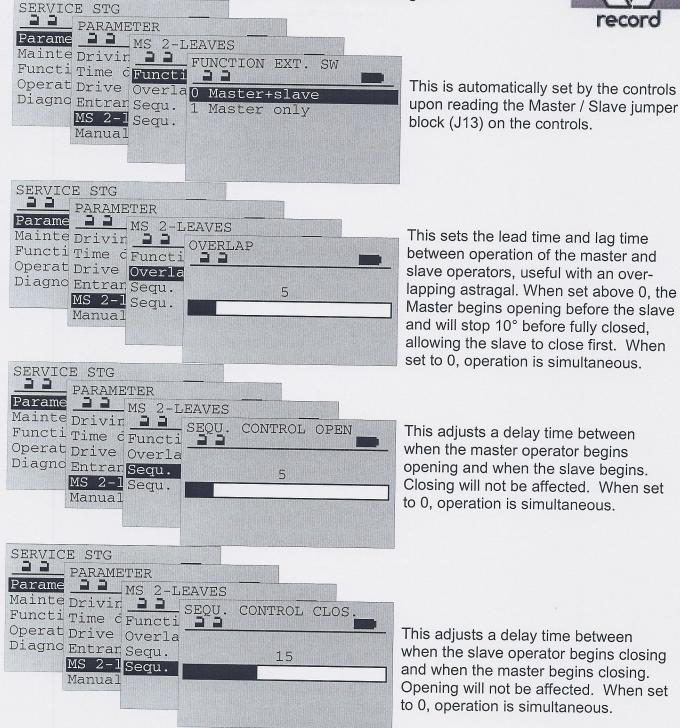
The following sequence of screens are to be followed when updating door and display software.





Screens Available when synchronizing two operators **Both Simultaneous Pairs and Double Egress**





When ordered as a dual synchronized pair or a double egress, the operators are factory wired and parameters preset. If any changes are made, the following setup sequence is suggested -Insure Jumper J14 is set to M1 on the master unit and set to S1 on the slave unit. Apply power to both units, then press and hold the blue Control button on the master control for 8 flashes of the red LED (reset to factory defaults). Next press and hold the Control button for 8 flashes on the slave control. Return to the master unit and press & hold the Control button for 3 flashes of its red LED (initiate a calibration run). Finally, press & hold the button for 3 flashes on the slave control. The units should now be configured for synchronous operation, and with the above parameters set to 0 providing simultaneous operation. Note: If only one rocker switch is used, it is to be connected to the master control, and the slave 16 control parameter CONTROL PANEL / MECHANICAL PANEL should be set to 0 3 Pos. (AUTO).