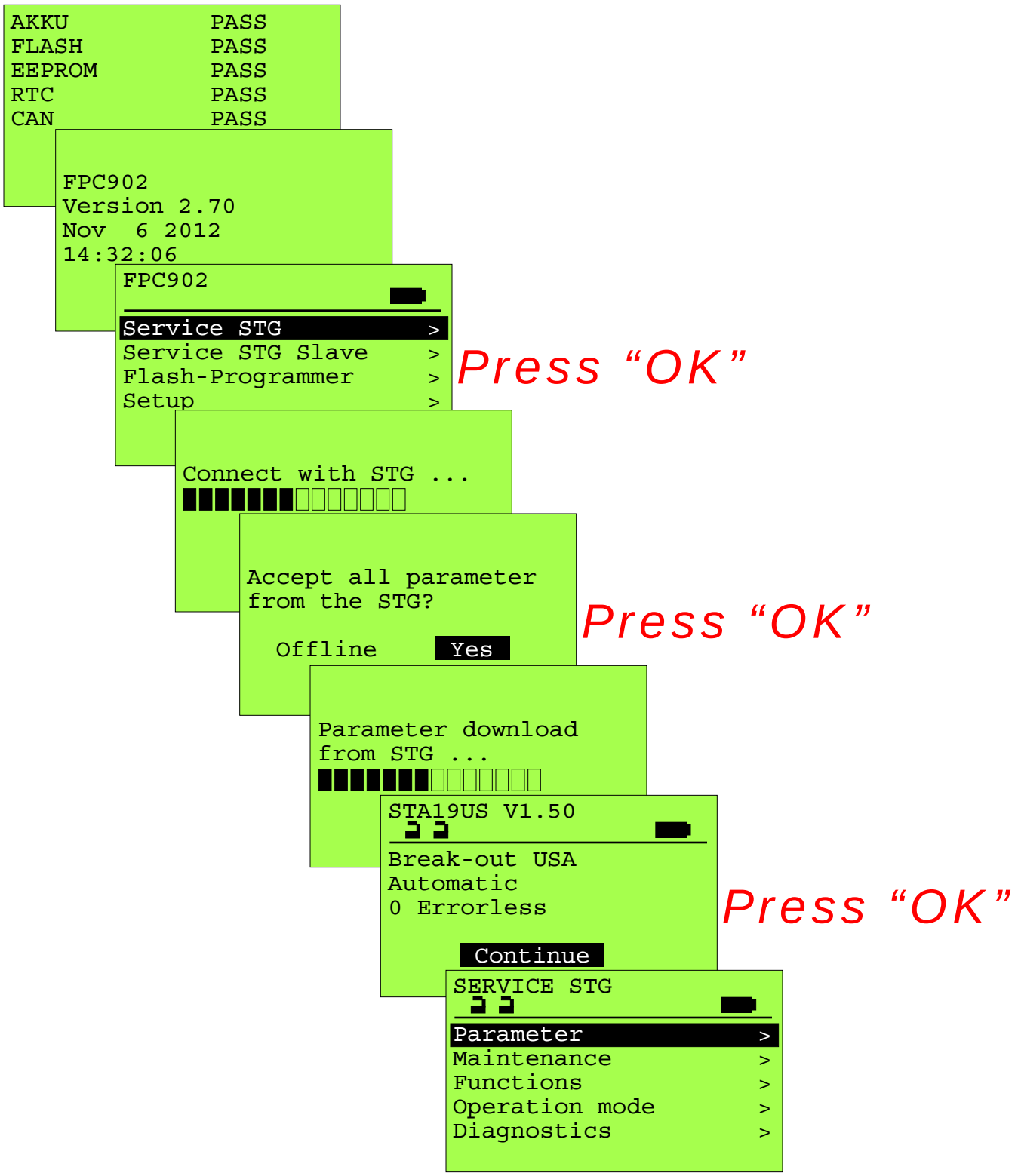
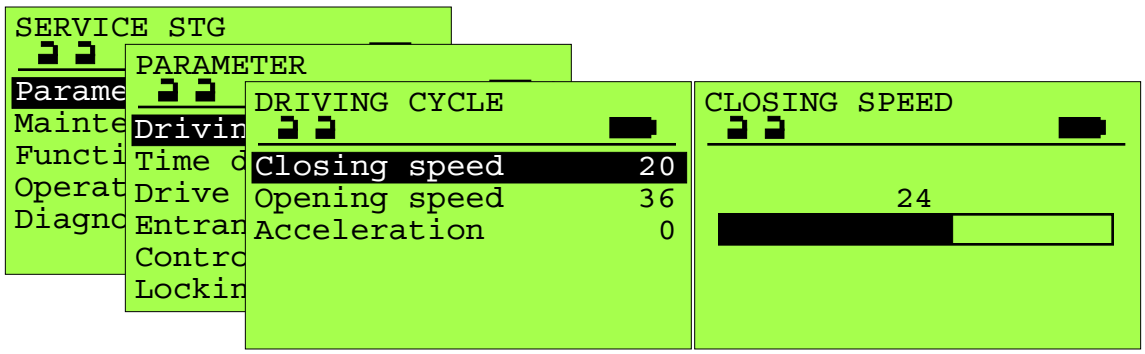
Servicing the Series 5100 with the FPC-902 Hand Terminal

record
Jun07 DPH

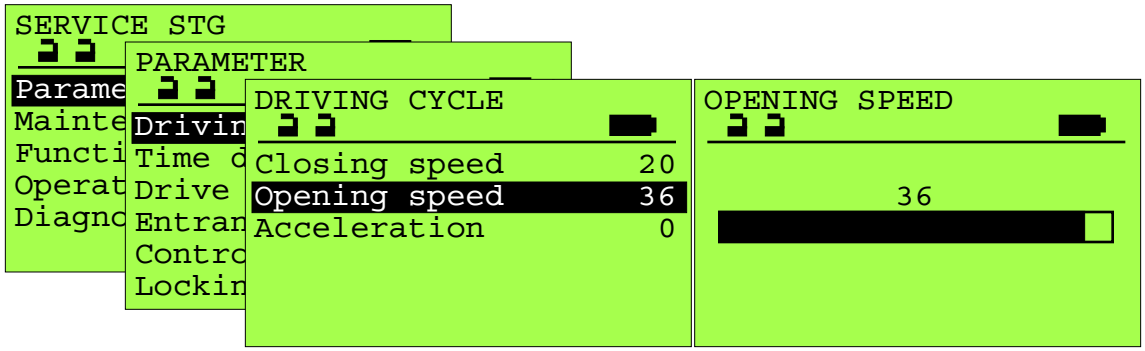
Connect the FPC-902 to the black 4 conductor plug located on the left side of the Series 5100 control. The following sequence of screens should occur.

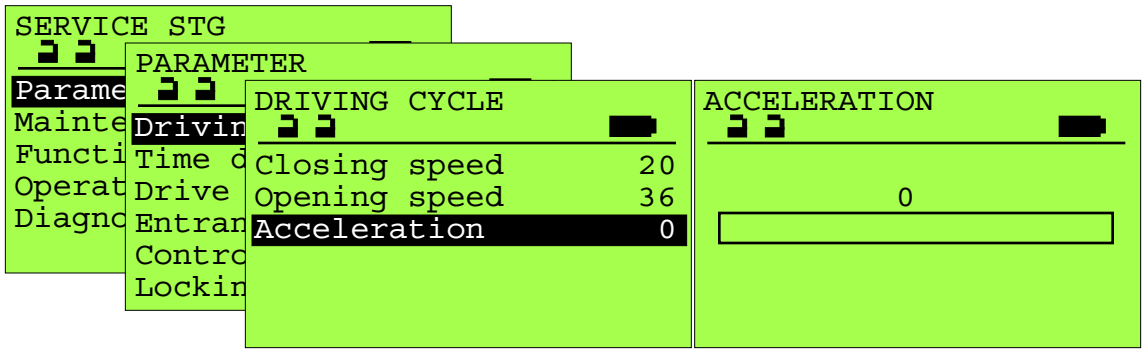


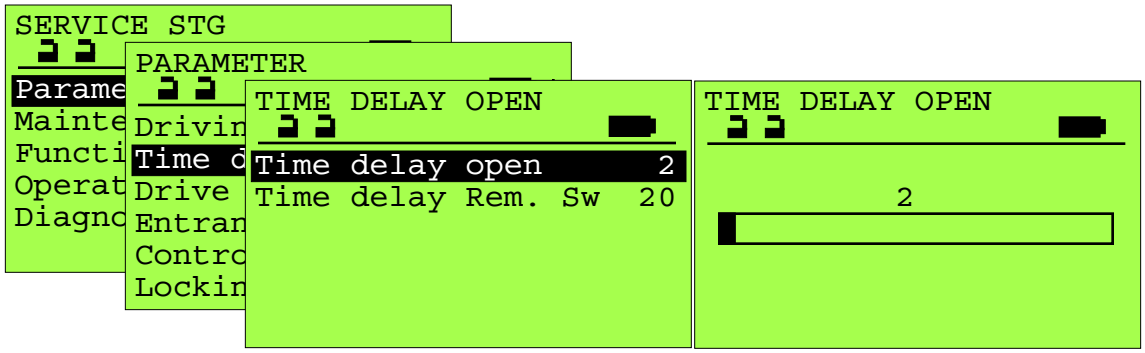
The screen sequences on the following pages start from this point and document the various adjustable parameters in the control. When at any of the screens shown below, the above screen can be accessed by pressing the "ESC" key one or more times.



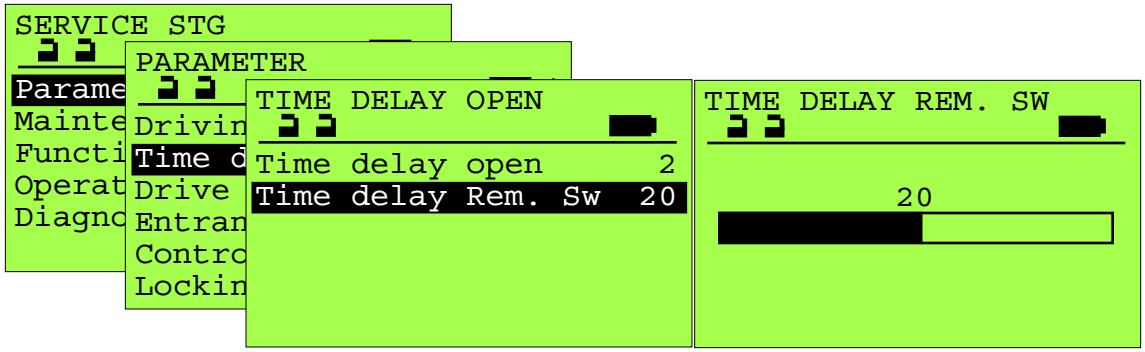
The closing speed is limited to 1 foot per second max.



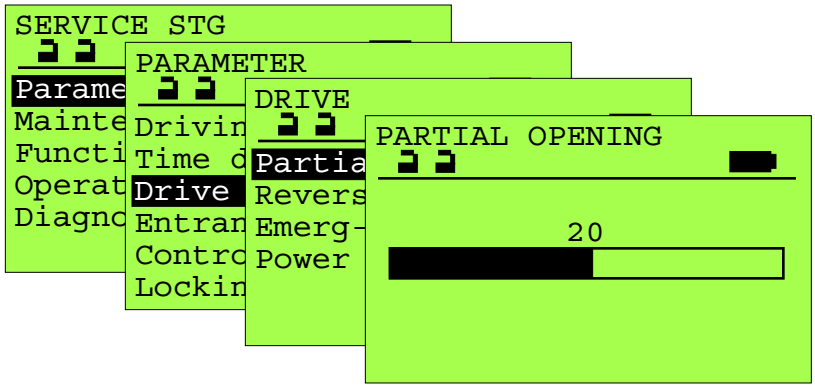




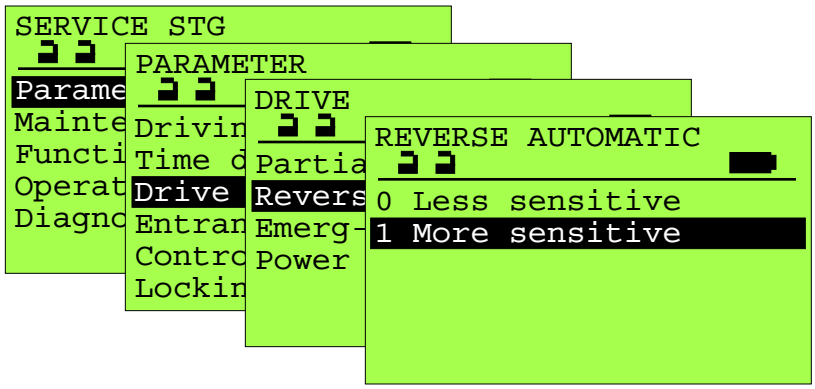
0 thru 20 are in 1 sec. intervals; 21 thru 40 are in 2 sec. intervals providing 60 sec. maximum delay.



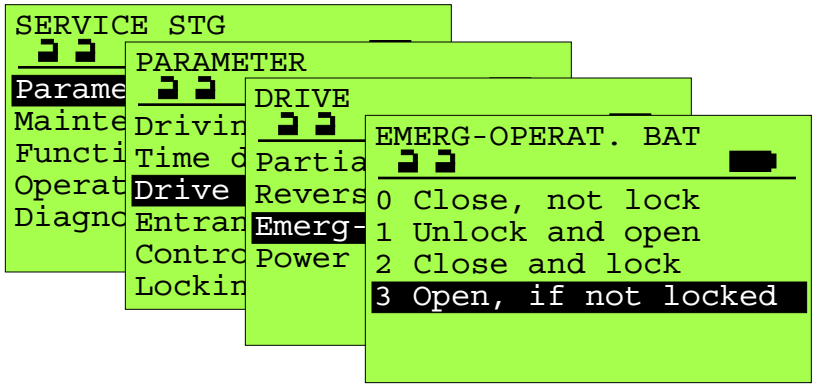
0 thru 20 are in 1 sec. intervals; 21 thru 40 are in 2 sec. intervals providing 60 sec. maximum delay.

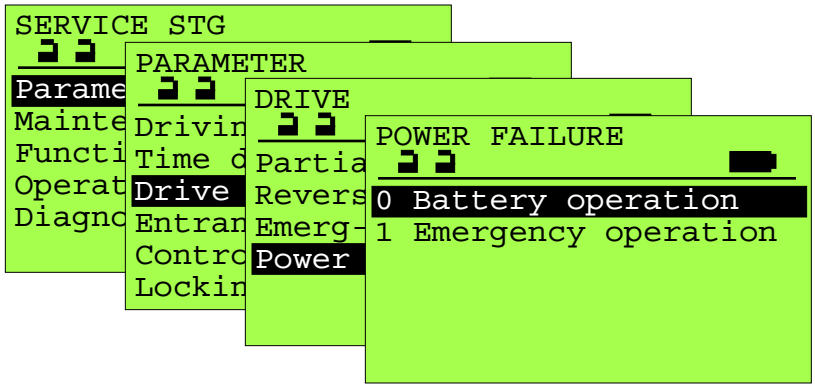


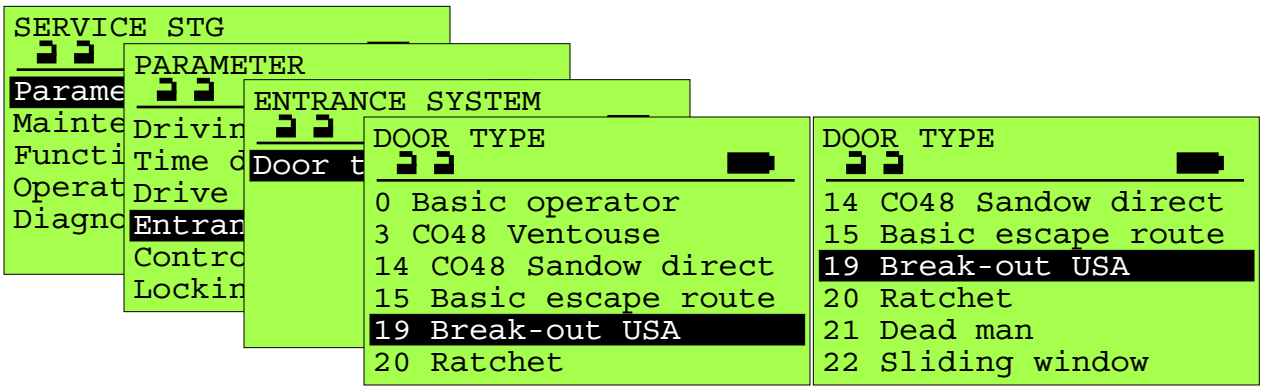
Reduced opening limits:
0 = 8 inches (minimum);
40 = 100% of opening.



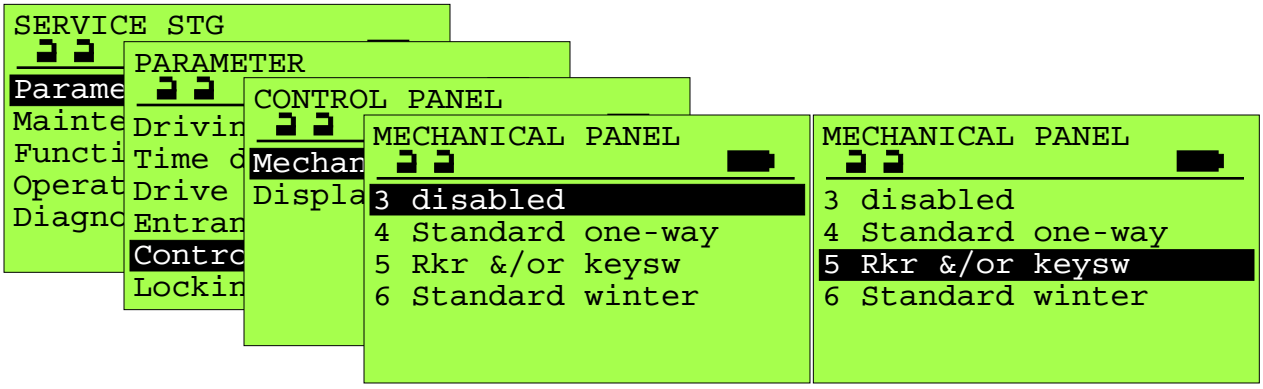
If the door is reversing due to extraordinarily tight weather seals or extreme stack pressures, change from “More sensitive” to “Less sensitive”.



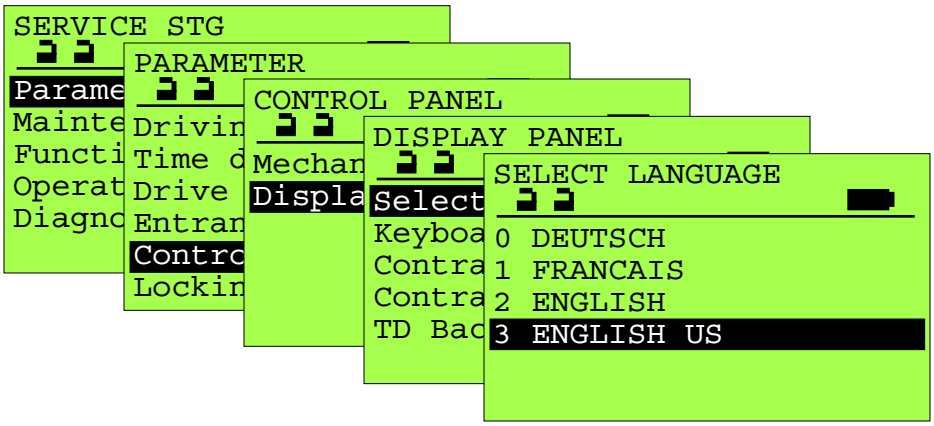


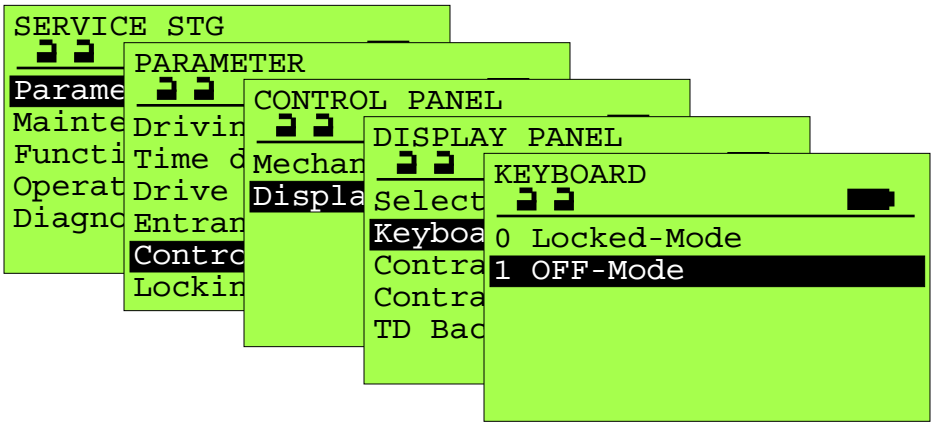


Typically select “Break-out USA”; select “Ratchet” for Push-to-Open/Push-to-Close operation.

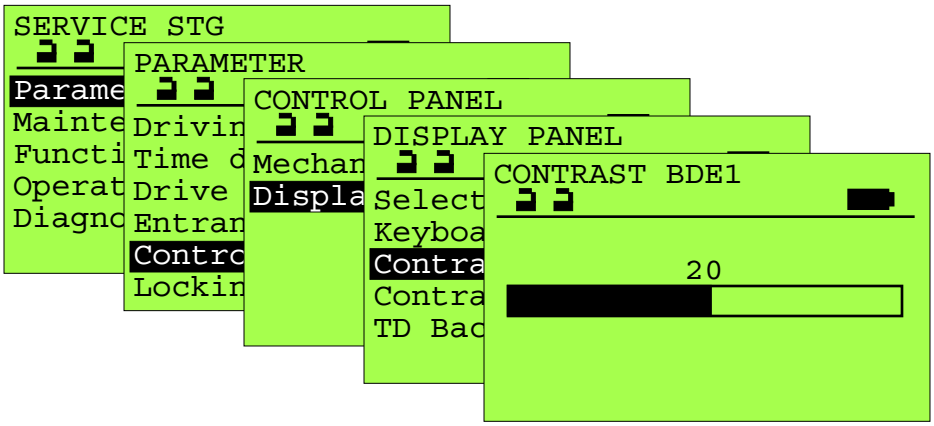


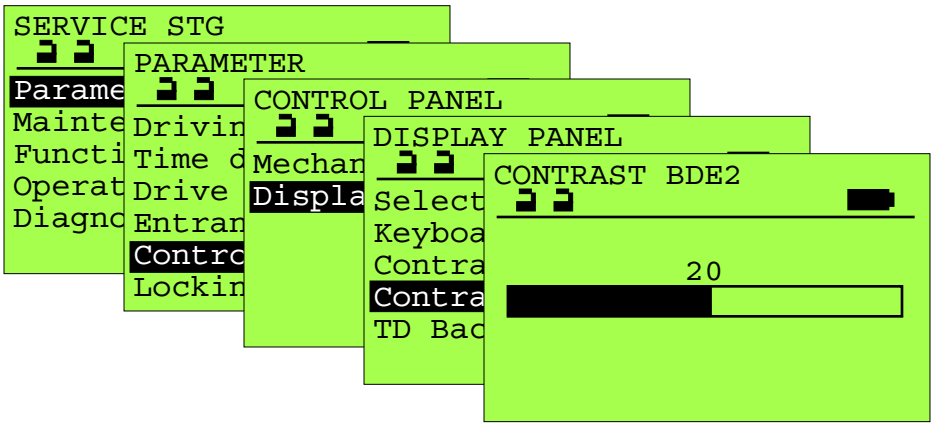
Typically select “disabled” unless one of the Rocker switch control panels has been connected.

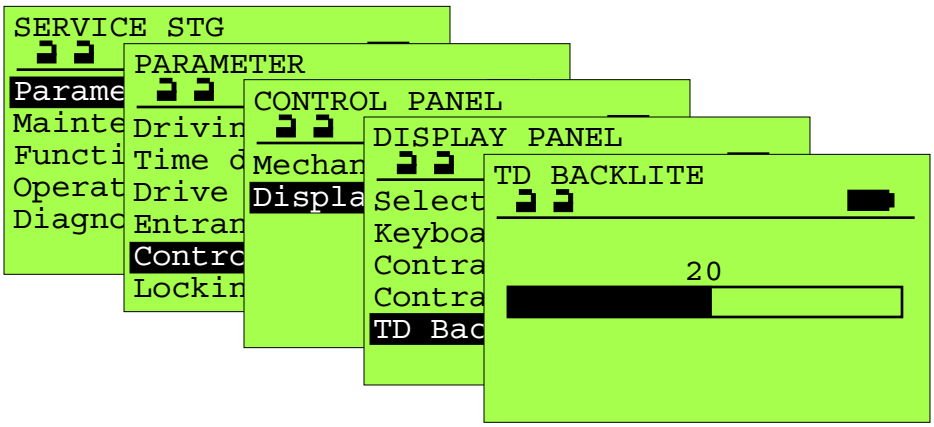




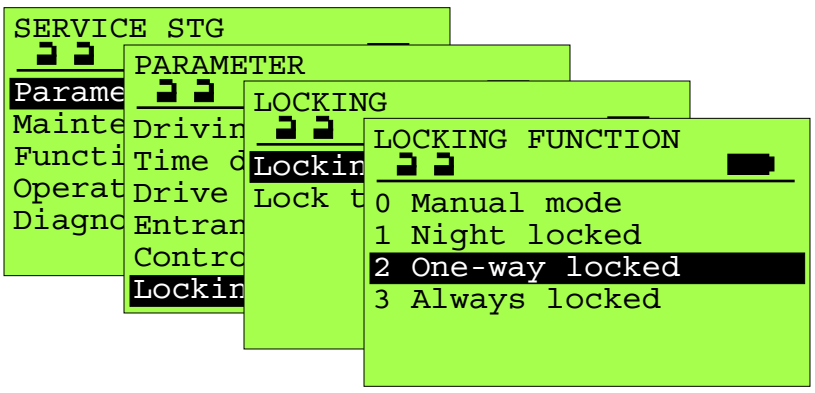
Typically select “OFF-Mode” unless using a Fail-Safe lock and it is to be locked when door is off.



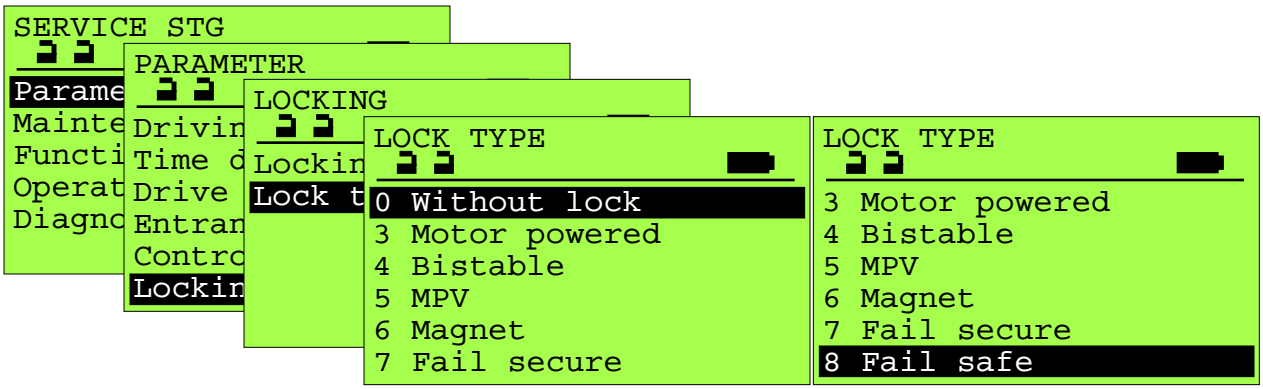




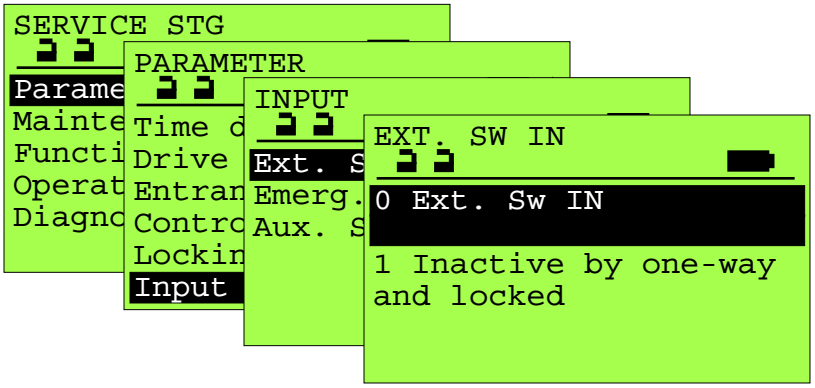
When set to “0”, the backlight is always off; 1-39 = seconds “on” time; 40 = backlight always “on”.



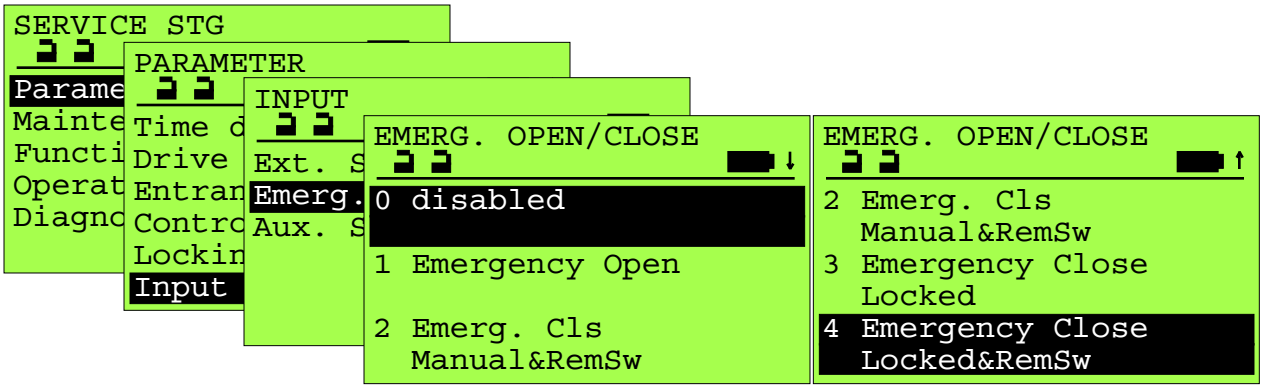
“Night locked” is for use with “Fail-safe” autolocks, and door is to be locked when the door is “Locked”. Also see Control Panel / Display Panel / Keyboard parameter on the previous page.



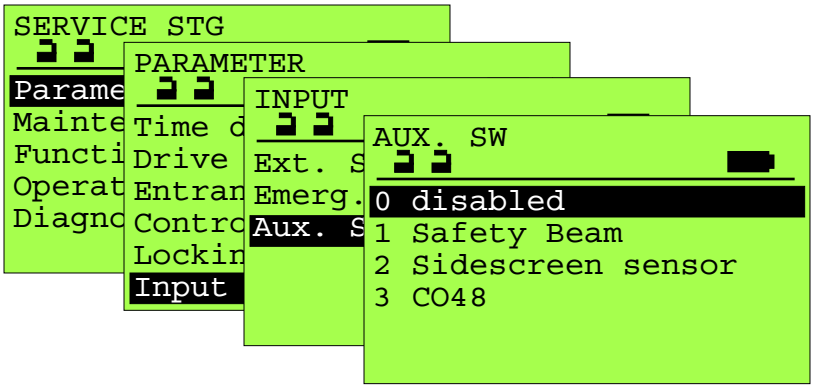
Typically select “Without lock”, “Fail secure”, or “Fail safe” for North American applications.



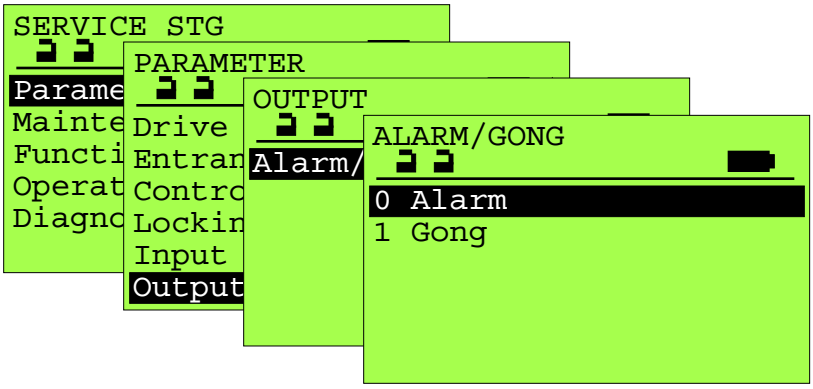
To comply with ANSI/BHMA A156.10 always select “Ext. Sw IN” to enable the exterior sensor when the door is in Exit-only mode and the door is open.



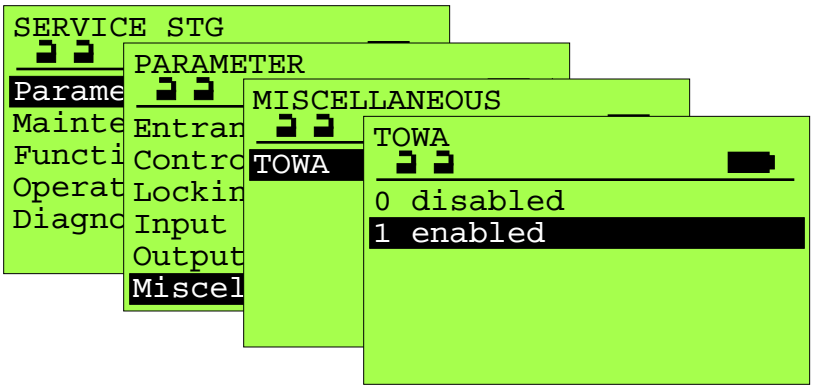
When selecting Emergency Open or Close options, use one of the above selections.



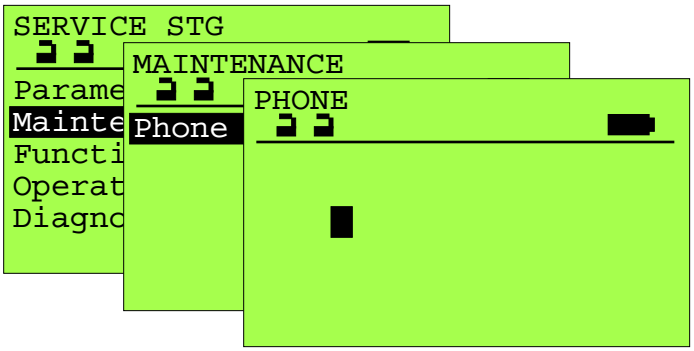
For use when the auxiliary input (Terminal 6) is used (normally “disabled”).
If adding an additional safety beam, connect N.C. contacts between terminals 5 (+24) and 6.
If adding sidescreen protection sensors, use N.C. contacts between terminals 5 (+24) and 6.



Determines what the auxiliary contacts (Terminals 8, 9, & 10) will respond to: “Alarm” is response to any abnormal door status (except “Obstruction”); “Gong” is response to interruption of the safety beams when the door is open; the contacts are momentarily switched every 10 seconds.

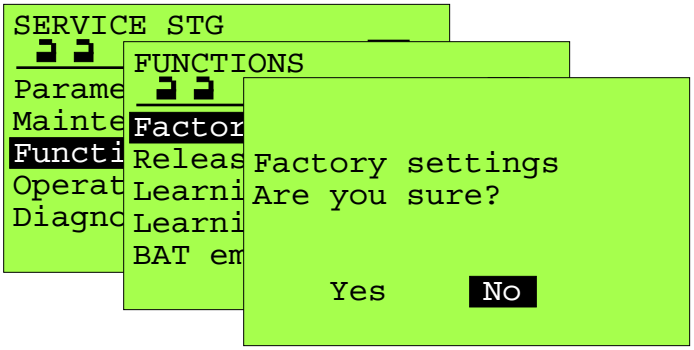


If the door is in “Partial Open” mode, enabling TOWA will provide full door opening if traffic approaches on both sides, or occurs for more than 10 sec.

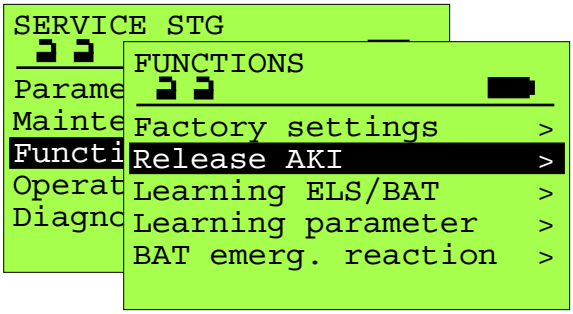


This parameter is used to replace the factory telephone number with a custom telephone number. This number will be momentarily displayed when the unit is switched from “OFF” mode, and will periodically flash when an Alarm screen is displaying. Removal of a custom number will reinstate the factory 800 number.

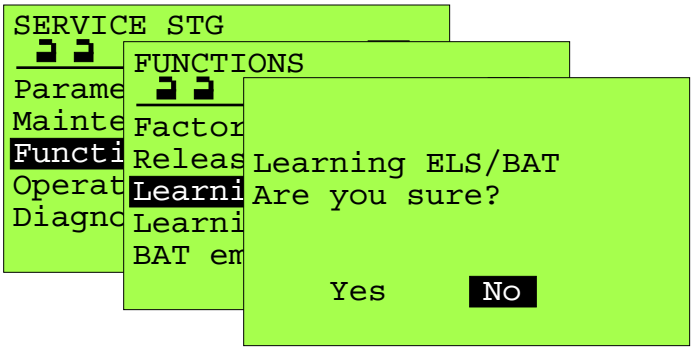
The following screen sequences are not used to modify parameters, but are used to reset various door functions as described.



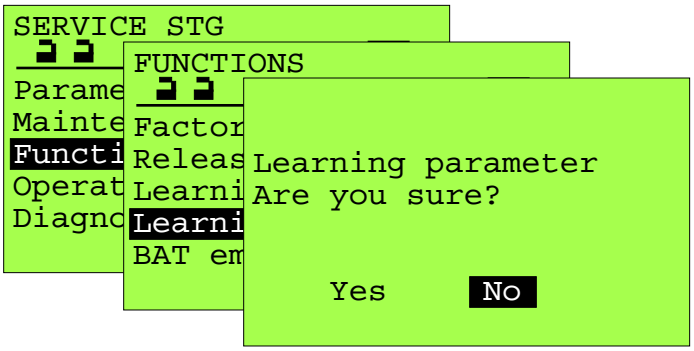
When selecting “Yes” and pressing “OK”, all parameters are reset to the factory settings.



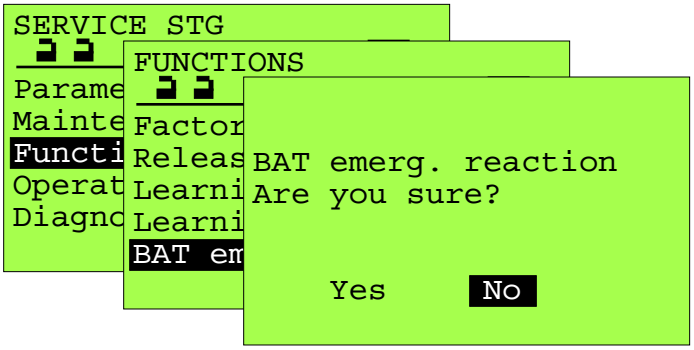
Selecting “Release AKI” and pressing “OK” will simulate an actuation from the Interior Sensor.



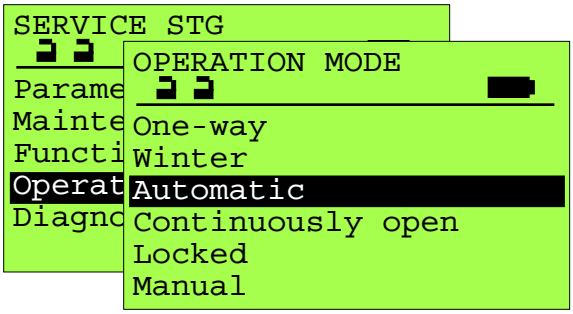
For use when adding an optional battery backup module.



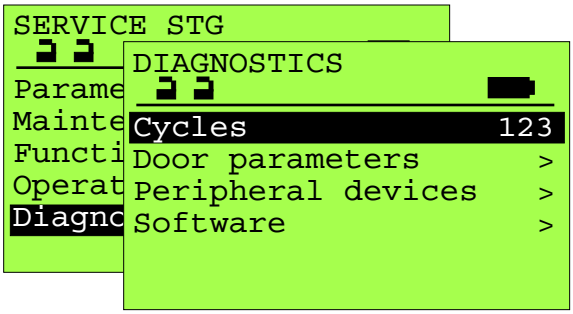
For use when initially commissioning a door, or significantly altering the mechanical characteristics of the door.



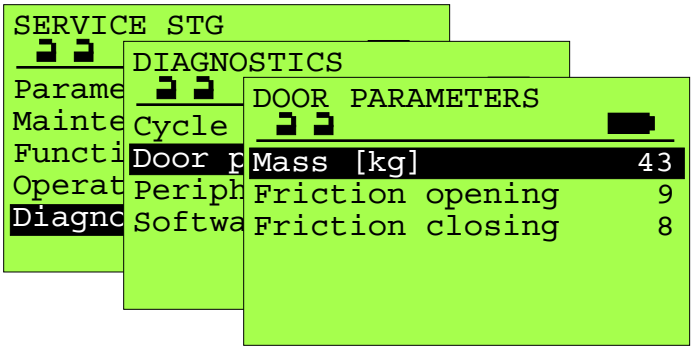
Used to test an optional battery backup.



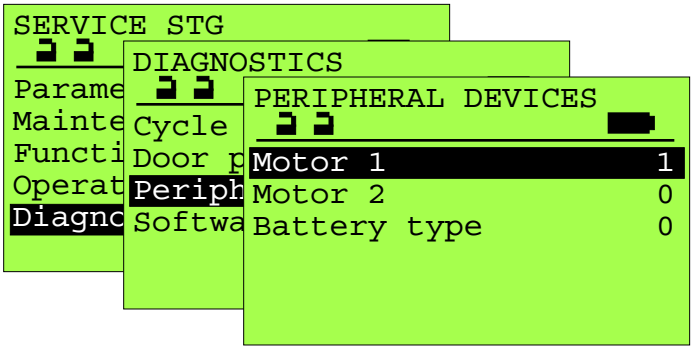
Indicates the current operational mode of the door. Note this screen does not dynamically update in response to changes to the control panel.
The Status screen, accessible anytime the terminal is servicing the unit (STG), will dynamically update in response to changes to the control panel(s).



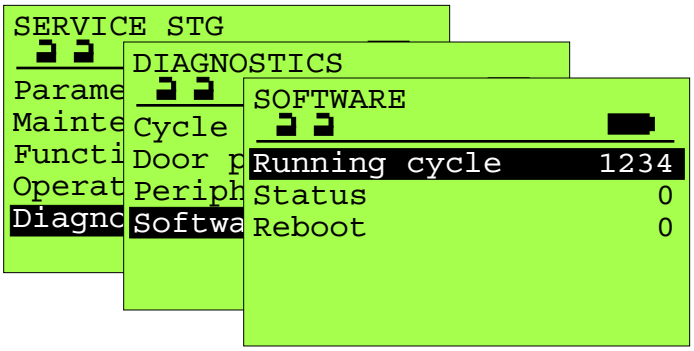
Indicates the total number of door cycles.



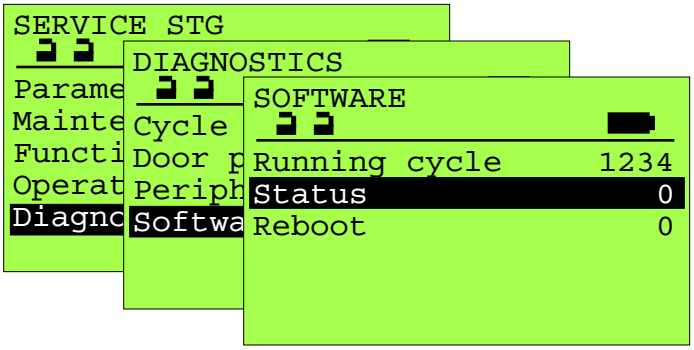
For factory reference.



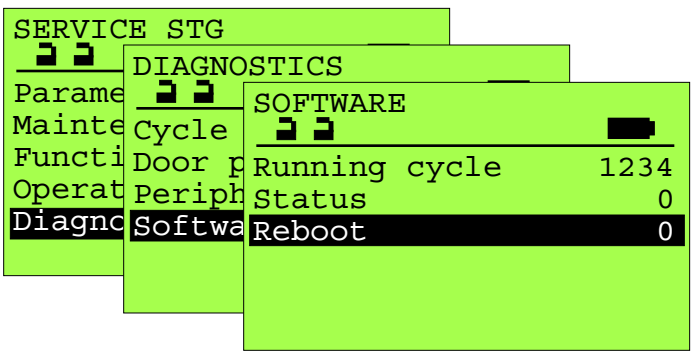
For factory reference.



For factory reference.

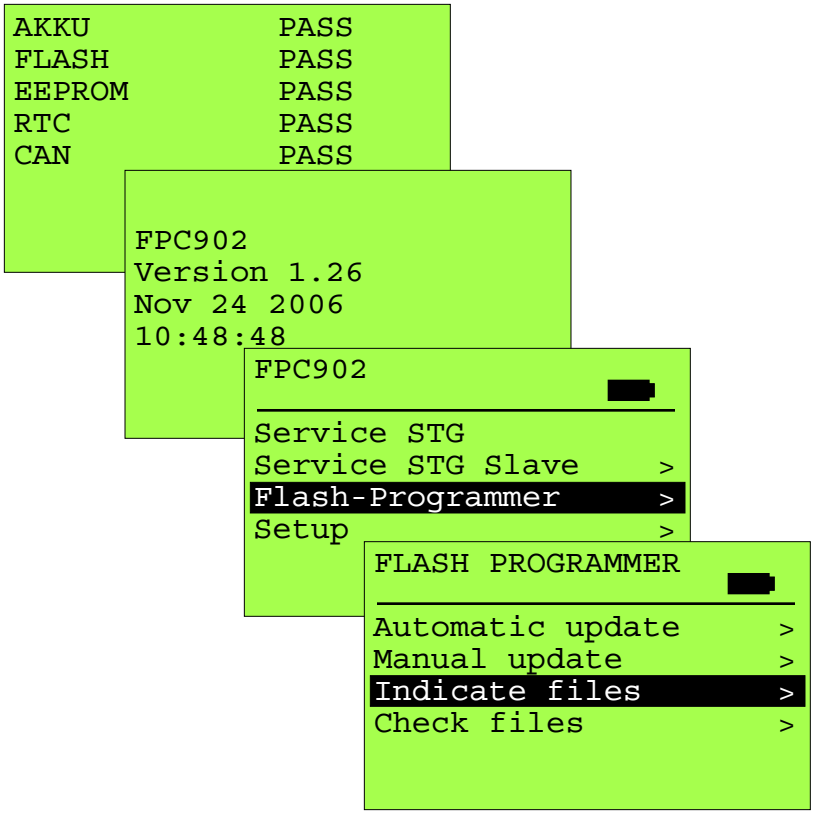


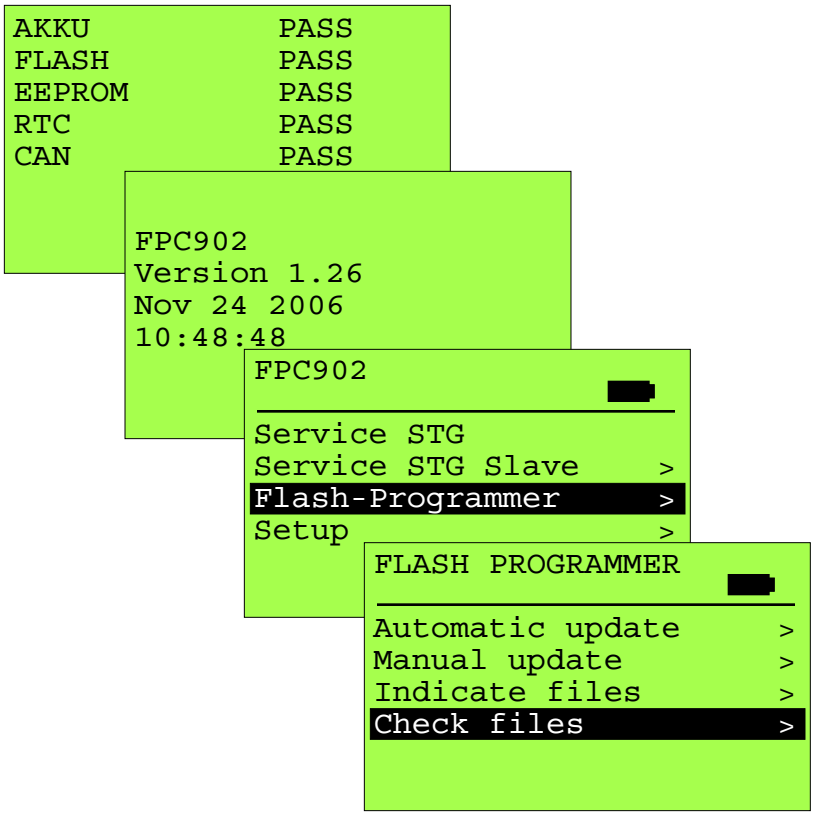
For factory reference.



For factory reference.

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


AKKU PASS
FLASH PASS
EEPROM PASS
RTC PASS
CAN PASS
FPC902
Version 1.26
Nov 24 2006
10:48:48
FPC902
Service STG
Service STG Slave >
Flash-Programmer >
Setup >
FLASH PROGRAMMER
Automatic update >
Manual update >
Indicate files >
Check files >
Lists the software stored on the SD card in the FPC902


AKKU PASS
FLASH PASS
EEPROM PASS
RTC PASS
CAN PASS
FPC902
Version 1.26
Nov 24 2006
10:48:48
FPC902
Service STG
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Flash-Programmer >
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FLASH PROGRAMMER
Automatic update >
Manual update >
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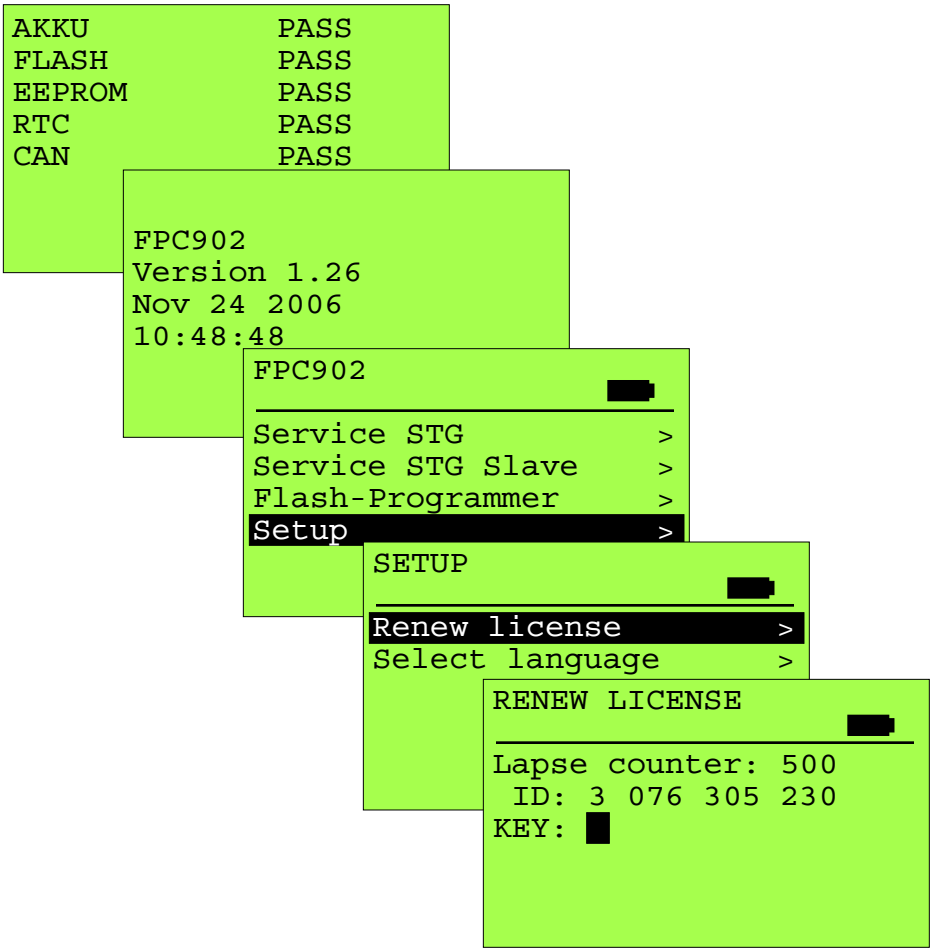

Not used in North America