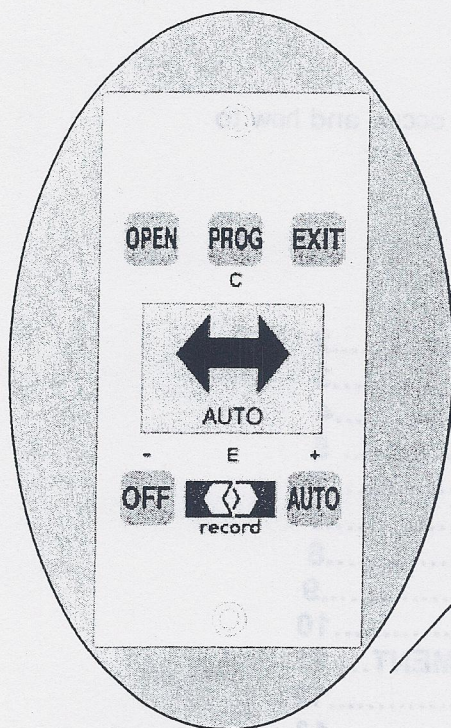
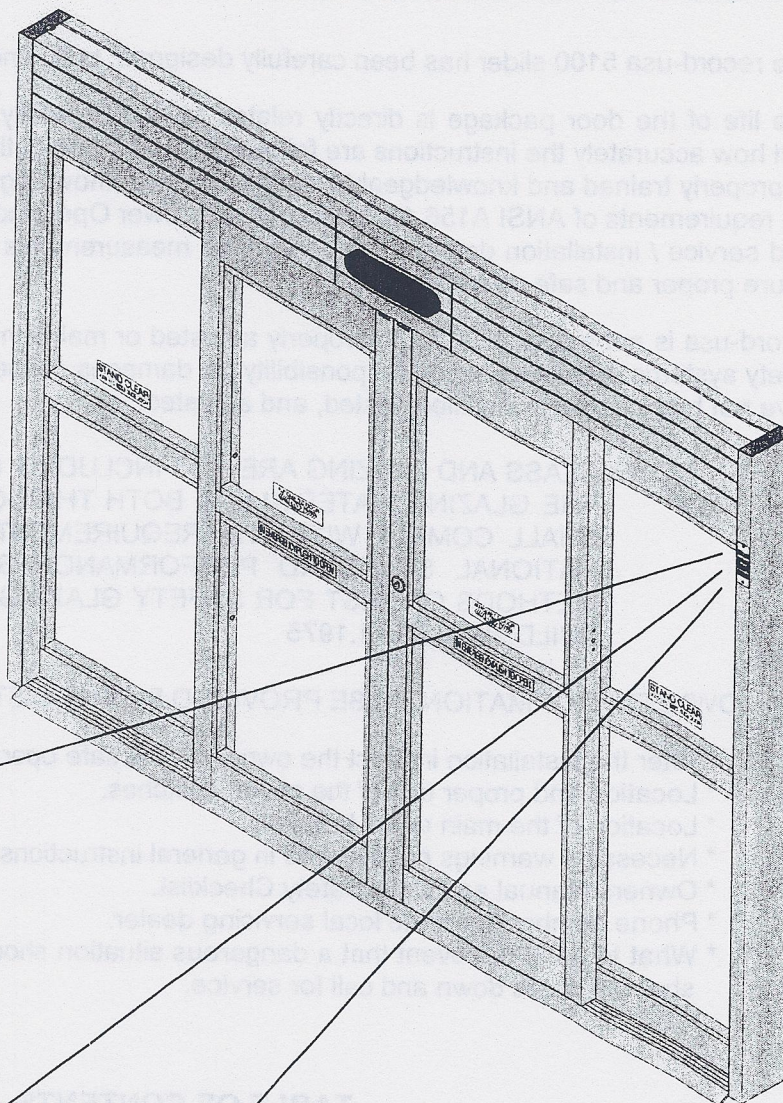




5100 Series Sliding Door Installation Instructions



record-usa

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Monroe, NC USA 28110
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1
10/05



5100 Series Sliding Door Installation Instructions

The record-usa 5100 slider has been carefully designed, built, and tested to provide years of service.

The life of the door package is directly related to how carefully the installation is accomplished and how accurately the instructions are followed. Installation of this door package should be done by properly trained and knowledgeable installers with a knowledge of local code requirements and the requirements of ANSI A156.10 Standards for Power Operated Pedestrian Doors. The authorized service / installation dealer must perform all measurements for forces, speeds, and times to insure proper and safe operation.

record-usa is not responsible for improperly adjusted or maintained automatic doors or activation / safety systems and assumes no responsibility for damages caused by automatic door systems that have not been properly installed, tested, and adjusted.

NOTE: GLASS AND GLAZING ARE NOT INCLUDED IN THE PACKAGE.
THE GLAZING MATERIALS IN BOTH THE DOORS AND SIDELITES
SHALL COMPLY WITH THE REQUIREMENTS IN THE AMERICAN
NATIONAL STANDARD PERFORMANCE SPECIFICATIONS AND
METHODS OF TEST FOR SAFETY GLAZING MATERIALS USED IN
BUILDINGS, Z97.1.1975

OWNER INFORMATION TO BE PROVIDED BY THE DISTRIBUTOR / INSTALLER

- * After the installation instruct the owner on the safe operation of the door.
- * Location and proper use of the power switches.
- * Location of the main cutoff breaker.
- * Necessary warnings not covered in general instructions.
- * Owners Manual and Daily Safety Checklist.
- * Phone number(s) for the local servicing dealer.
- * What to do in the event that a dangerous situation should occur, and how to shut the doors down and call for service.

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5100 Series Sliding Door Installation Instructions

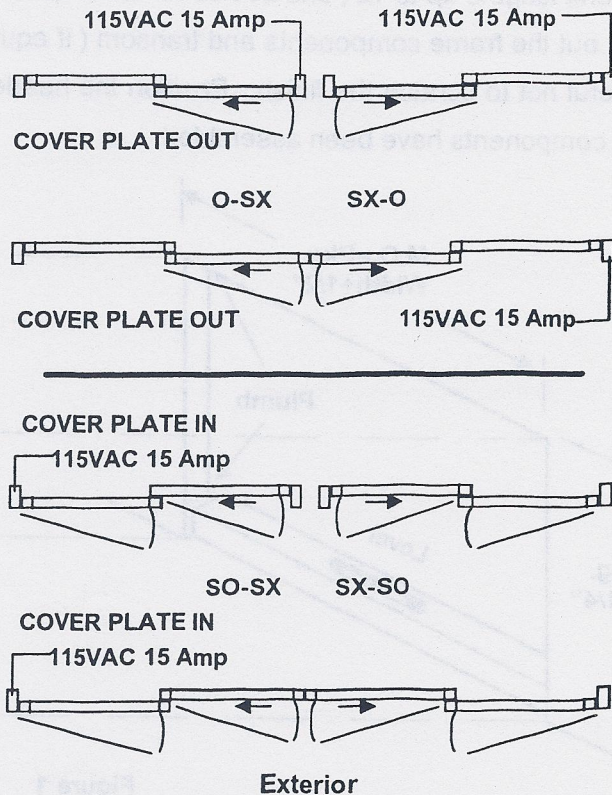
TOOL LIST

- | | | |
|-------------------|-----------------------|--|
| • Knife | • Hammer Drill | • Shim Material (shingles) |
| • 4' Level | • Tape Measure | • Flat & Rat tail files |
| • Hammer | • Electrical Tape | • Combination wrench set (standard & metric) |
| • Chalk Line | • Extension Cord | • Screwdrivers (#2 & #3 Philips, Sm. & Med.) |
| • Wire Ties | • 3/8" Cordless Drill | • Allen Hex wrench set (standard & metric) |
| • Wire Cutter | • Vise Grip Pliers | • Ratchet & Socket set (standard & metric) |
| • Multi-Meter | • Channel Lock Pliers | • Drill bit set up to 3/8" & 1/4" & 5/16" masonry bits |
| • 4' or 6' Ladder | • Caulking & Gun | |

GENERAL REQUIREMENTS

- Power: 120VAC, 60Hz., 15 Amp Service to inside of header of each unit
- Non-North American voltages can be 240VAC, if so be sure the operator has a 240VAC power supply.
- Power may be brought in through the top of the jamb on perimeter mount units or in through the back of surface mount units.
- For remote switch locations, routing of low voltage wiring to the operator controls will be required and there locations should be predetermined and wired before installation begins.
- Door Panels may be glazed before or after installation.

POWER INPUT LOCATIONS





5100 Series Sliding Door Installation Instructions

PRODUCT INVENTORY AND PREPARATION

There are several different type packages built. Make sure the package you are installing meets the needs of the opening intended. (Inside slide, outside slide, or surface mount)

1. Once the material has been received inspect all cartons for completeness of order.

There should be at least six cartons for a standard bi-part package.

The following items should be present.

- A. Header Assembly (contains sensors and parts bag)
- B. Side Jambs (contains side jambs and transom)
- C. Door panels (contains vinyl)

2. Check the door opening for plumb and level. The floor must be checked for any high spots. The header can be used for the straight edge to detect any variation in the floor surface. Fill the low areas to make the floor level. See the **Figure 1** below for additional information.

3. Do not allow over 8' of unsupported header. (The fixed panel is considered as suitable support for the header.) If the unit is equipped with a transom, and the unit length is greater than 8', the frame of the existing structure must support the weight of the transom, glass, and an additional 130 lbs. for unit lengths up to 12', and 260lbs. for units up to 16'.

Lay out the frame components and transom (if equipped) on the floor along side the door opening. Be careful not to scratch the finish. Position the header so as to allow for lifting into the opening once all the components have been assembled.

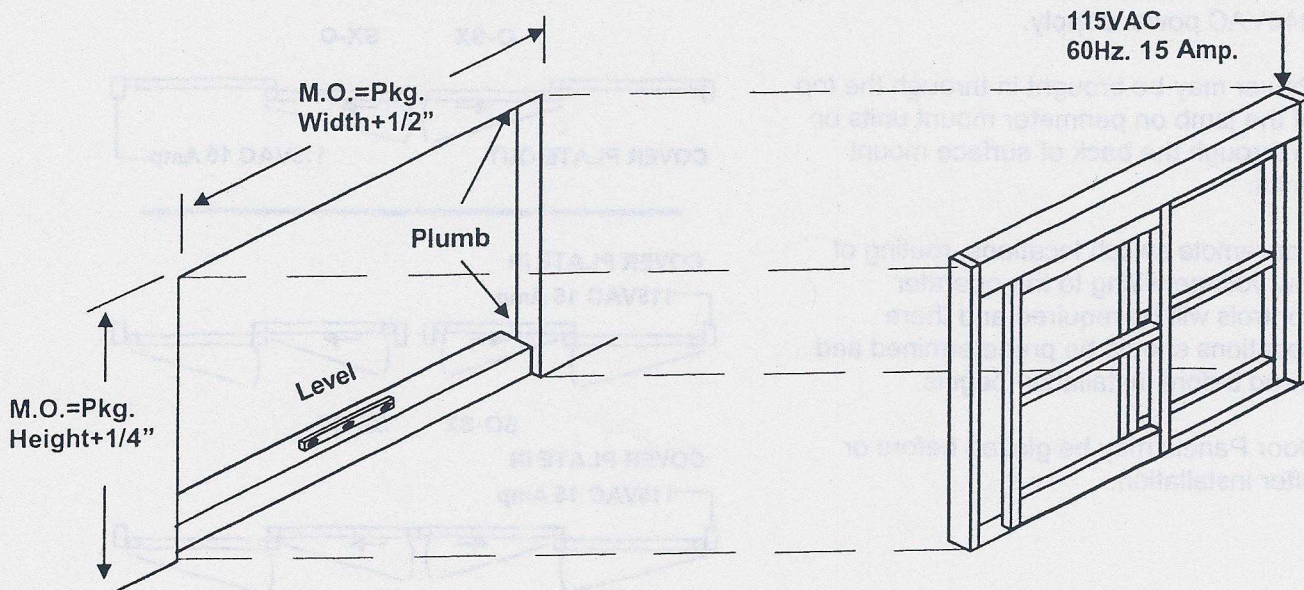


Figure 1

FRAME TO HEADER ASSEMBLY

Please find located in the header assembly, a small parts bag, the 1/4-20 x 1" Hex Head Bolts with 1/4" flat and 1/4" lock washers to attach side jambs to header through the end bracket as shown in Figure 2.

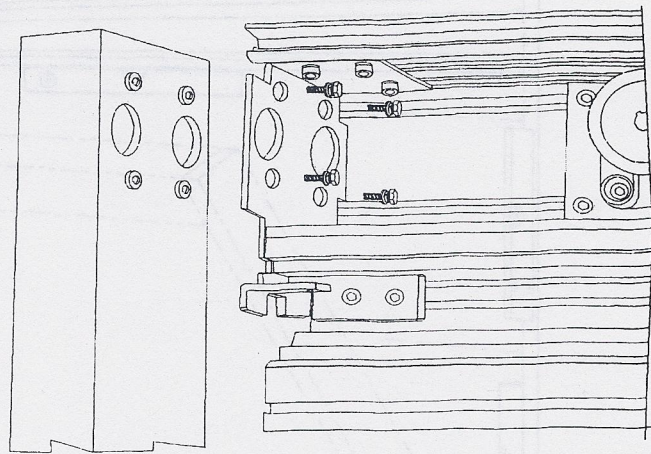


Figure 2

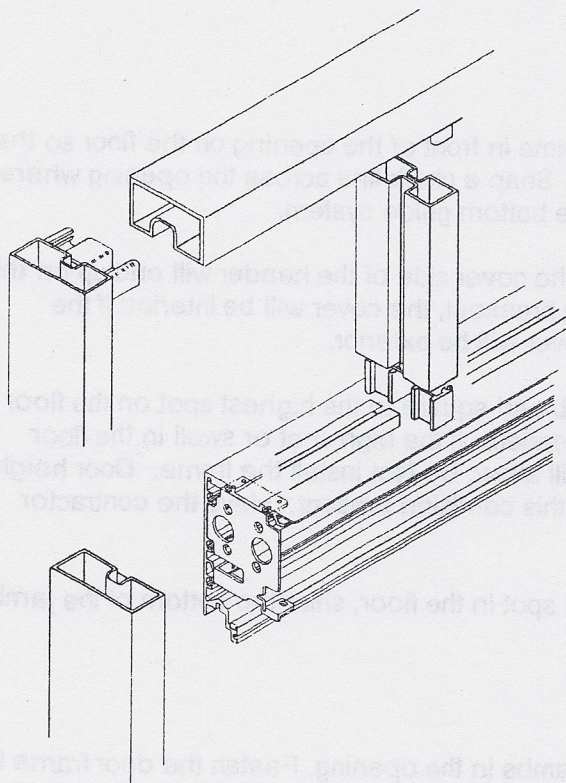


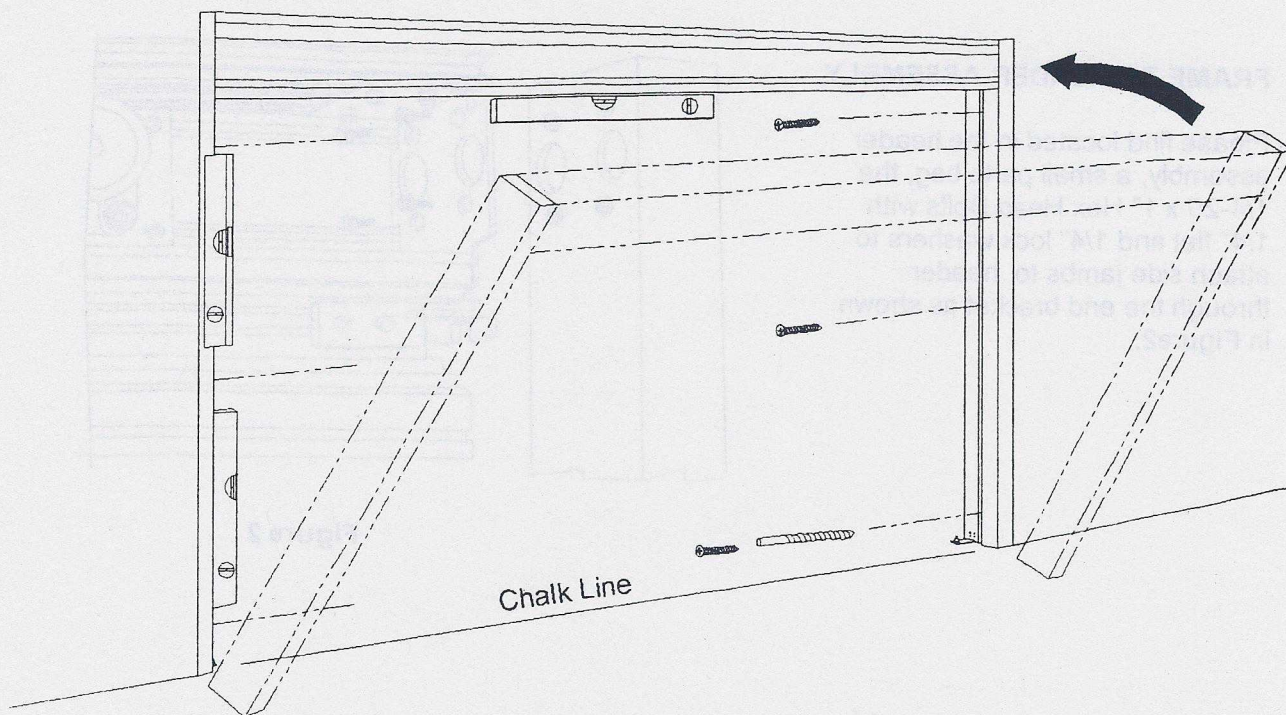
Figure 3

TRANSOM ASSEMBLY

If the unit is supplied with transom, see Figure 3 for view of assembly. It is suggested that the frame members be prepped for attachment and attach with a screw; suggested size 10-24 x 1/2" flat head machine or sheet metal thread.



5100 Series Sliding Door Installation Instructions



SETTING FRAME

Once the door frame has been assembled, place the frame in front of the opening on the floor so that the bottom of the jambs are at the base of the opening. Snap a chalk line across the opening where the jamb line is going to be. This line will also locate the bottom guide system.

Before lifting the frame into place, check to make sure the cover side of the header will end up on the correct side of the opening. If the unit has sidelites that breakout, the cover will be interior; if the sidelites are fixed or the unit is surface mounted, the cover will be exterior.

Lift door frame into the opening and set the frame plumb and square to the highest spot on the floor and position the frame within the 4-1/2" dimension as needed. If the high spot or swell in the floor forces the frame to go higher than the rough opening will allow, Do Not install the frame. Door height adjustment will be reduced if the frame is installed with this condition present. Have the contractor rework the floor so the doors can be properly installed.

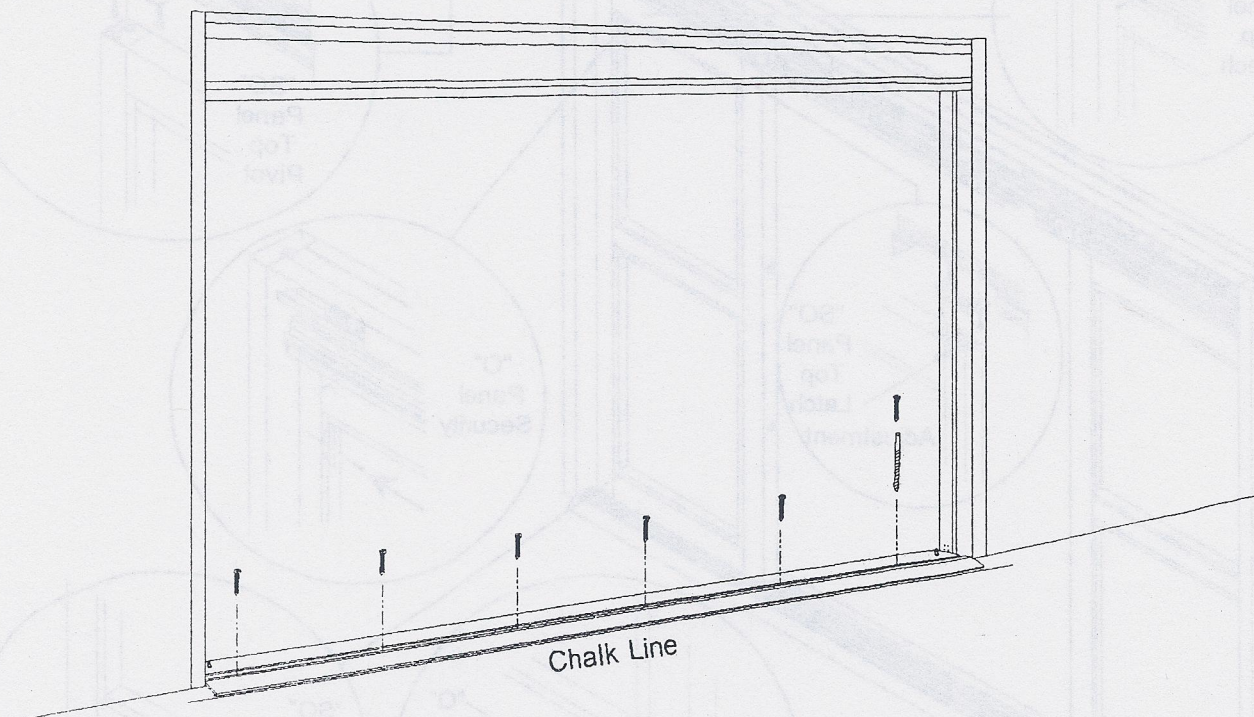
If there is room to raise the frame up even with the high spot in the floor, shim the bottom of the jambs to the high spot.

FRAME ATTACHMENT

Using wood shims, plumb and square the header and jambs in the opening. Fasten the door frame to the opening with the appropriate type and number of fasteners for the size of the door package being installed. Fasten the header overhead every 36" or less.



5100 Series Sliding Door Installation Instructions



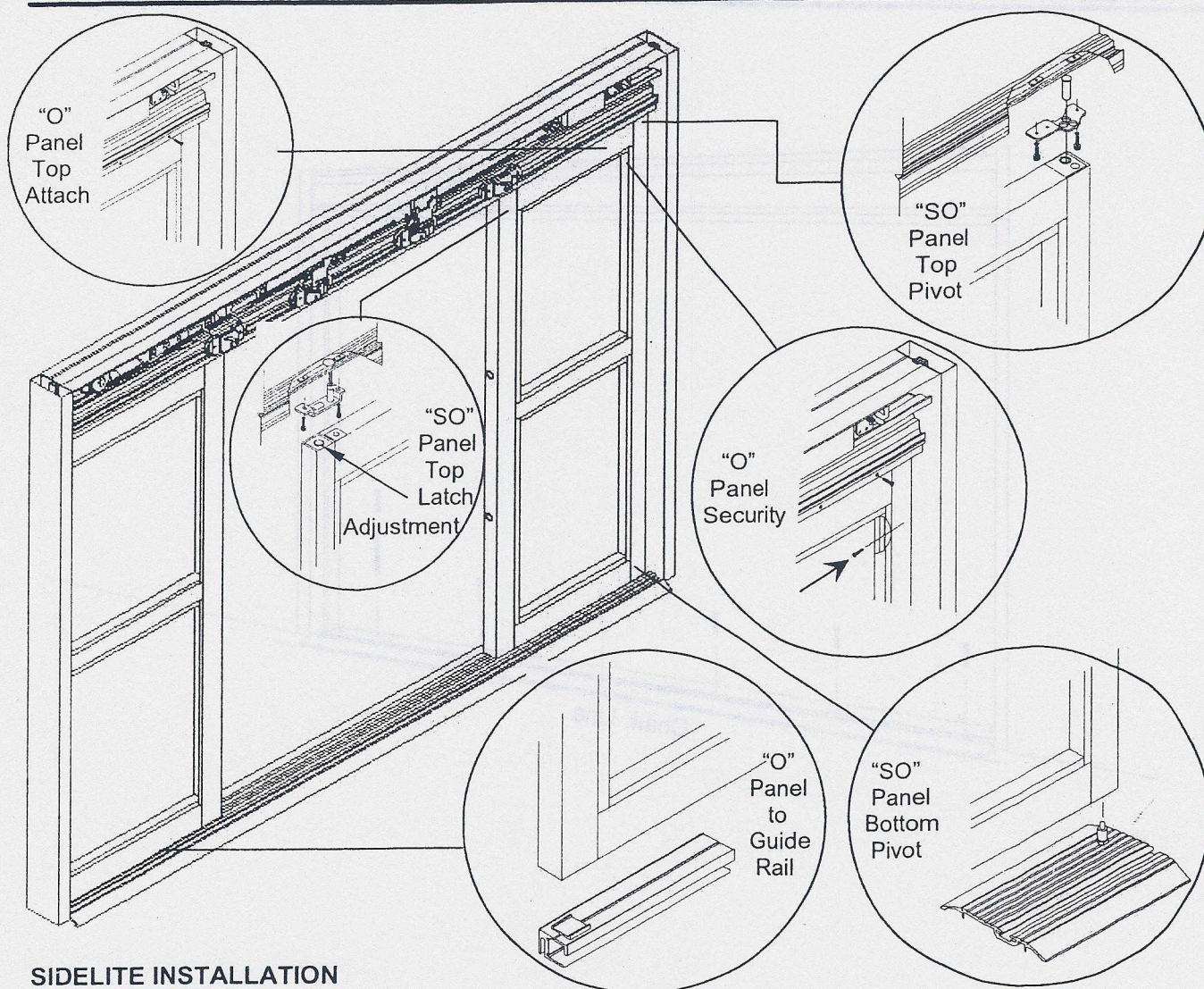
BOTTOM GUIDE INSTALLATION

The bottom guide rails or track must be installed level and in line with the frame for the door package to properly function. If the high spots referred to on page 6 were not corrected as indicated, proper location of the guide rails will be extremely difficult. Correct high spots and continue.

Identify the type of guide system being used with the door package. The standard guide for a fixed panel unit (o-sx-sx-o) is a guide rail with or without threshold; for full breakout units (so-sx-sx-so), the standard bottom guide is a pin guide track which is the same with or without threshold.



5100 Series Sliding Door Installation Instructions



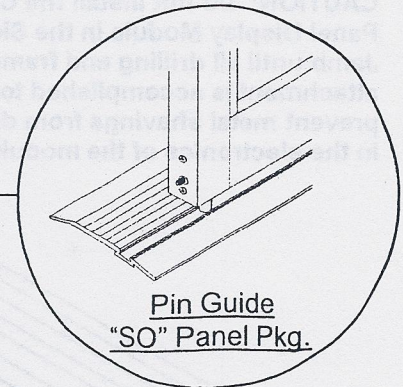
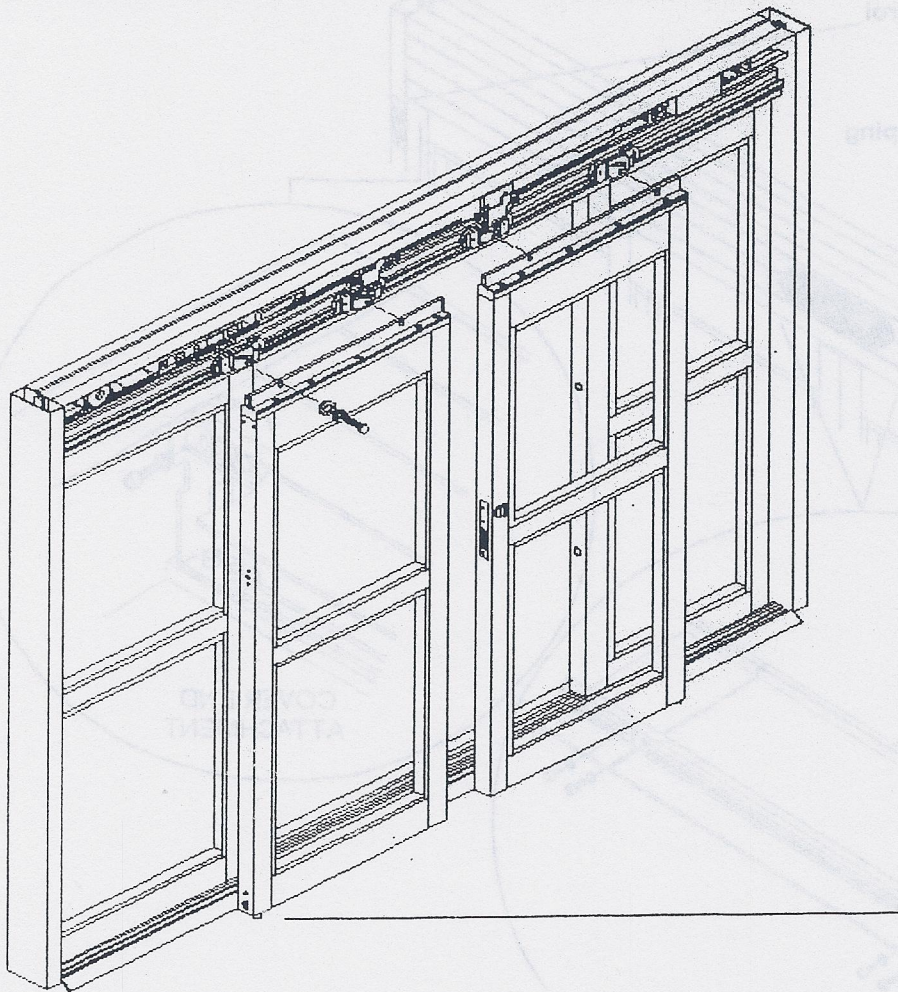
SIDELITE INSTALLATION

To install a full breakout sidelite that has a jamb or floor mounted bottom pivot, remove the top pivot bracket with clevis pin and install it in the top pivot angle of the sidelite. Proceed by feeding the safety beam wires through the third hole in the pivot bracket. Install the sidelite on the bottom pivot first, rotate the sidelite into the 90° open position and tilt the top toward the header, aligning the pivot bracket to its original position on the underside of the header and reinstall the screws while continuing to feed the wires inside the header. Push the sidelite into a vertical position with the top pivot against the jamb. Tighten the allenhead screws securing the top pivot in place. After the safety beam wires are completely fed into the header, connect to the matching connectors. Note the safety beams are pre-wired in the door panels, jambs, and header, with small connectors provided between each assembly. No additional wiring should be required. Refer to the included operator wiring diagram.

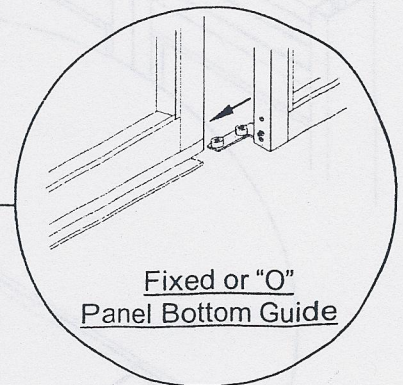
To install a fixed sidelite to the header, insure the bottom guide rail is set properly to the floor. Install the sidelite to the top of the guide rail. Secure the sidelite to the header with the #10 screws provided after feeding the safety beam wires into the header and making the connections. Additional screws can be installed through the vertical stile and into the jamb before the sidelite is glazed for full security on a fixed panel unit as shown above.



5100 Series Sliding Door Installation Instructions



OR



SLIDING DOOR INSTALLATION

Position the door so that it will panic to the exterior of the building when broken out. Install the door portion of the bottom guide in the pivot stile of the door using four 10-32 screws provided, and one 1/4-20 set screw to lock guide pin at proper height.

Position the door portion of the bottom guide into the guide rail or the pin guide track (depending on the type bottom guide used).

Place the door so that the slots in the hanger catch rail are lined up with the 5/16" tapped holes in the door carrier brackets. Thread the two 5/16"-18 x 1-1/4" hardened hex head hanger bolts with the flat washer and split washer through the slots into the door carriers. Tighten the hanger bolts until the door does not sag, but do not tighten all the way.

Adjust the door height (floor clearance) by adjusting the 1/4-20 hex head bolts above the slots in the top catch rail.

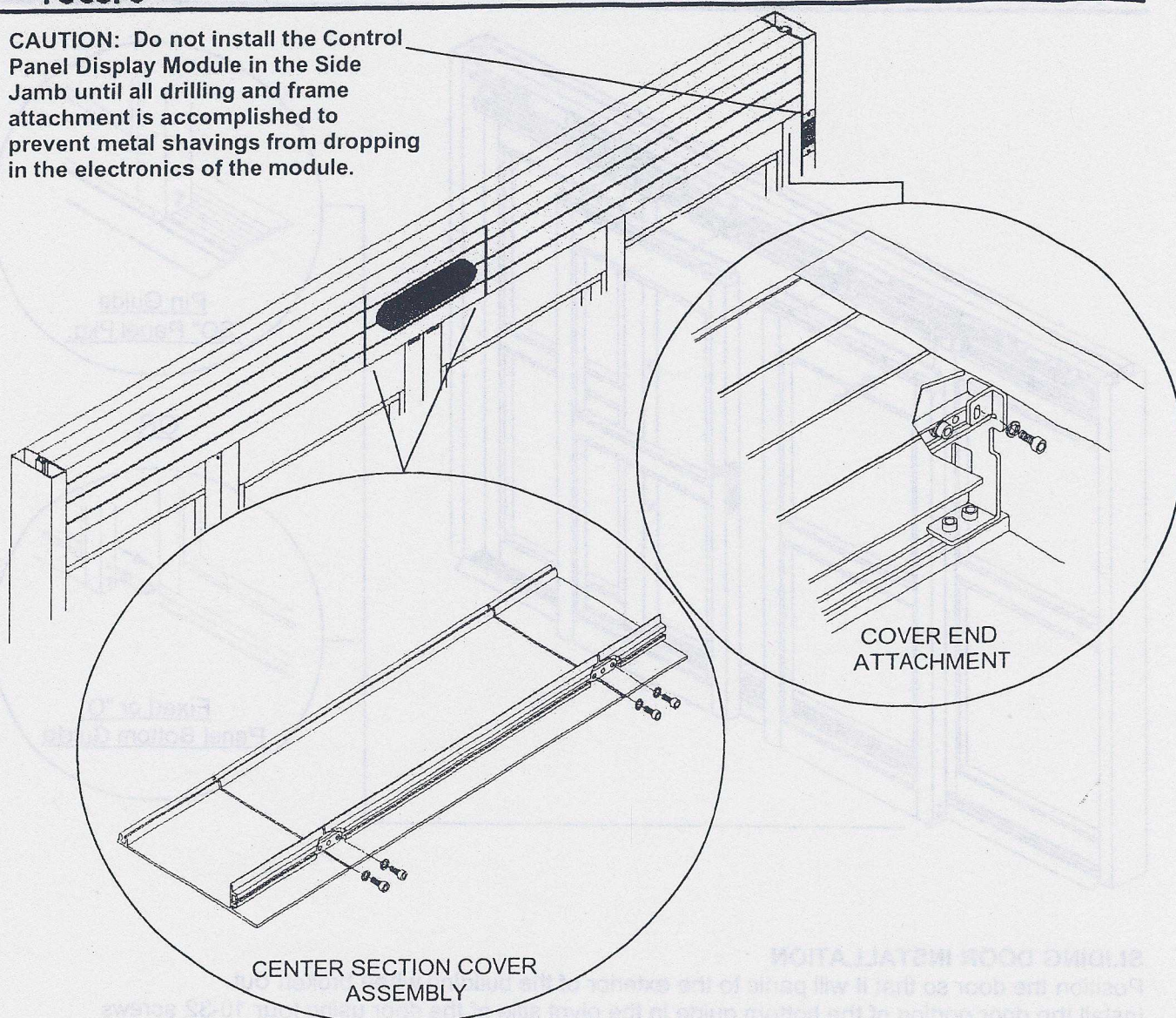
Once proper height has been adjusted insure there are no gaps between doors or door and jamb from top to bottom. It may be necessary to readjust height adjustment screws.

Complete by tightening the hanger bolts.



5100 Series Sliding Door Installation Instructions

CAUTION: Do not install the Control Panel Display Module in the Side Jamb until all drilling and frame attachment is accomplished to prevent metal shavings from dropping in the electronics of the module.



ACCESS COVER ATTACHMENT

If the unit is a bi-part, there will be a short center section that will be held in alignment to the RH and LH covers with two nut plates and four 10-32 Allen cap screws with washers. To remove RH or LH cover, loosen the screws and slide the nut plates with screws to the center section, allowing removal. At either end of the unit, please find a 10-32 Allen cap screw with washer to remove completely, for it attaches through the header to jamb bracket. (See views above)

WIRING THE DOOR

The safety beams were covered in the previous section. For sensors, refer to the installation instructions provided with the sensor and the enclosed wiring diagram. The Control Panel is connected to the microprocessor control with a four conductor cable.

COMMISSIONING THE DOOR

Refer to the enclosed instructions for commissioning.



5100 Series Sliding Door Installation Instructions

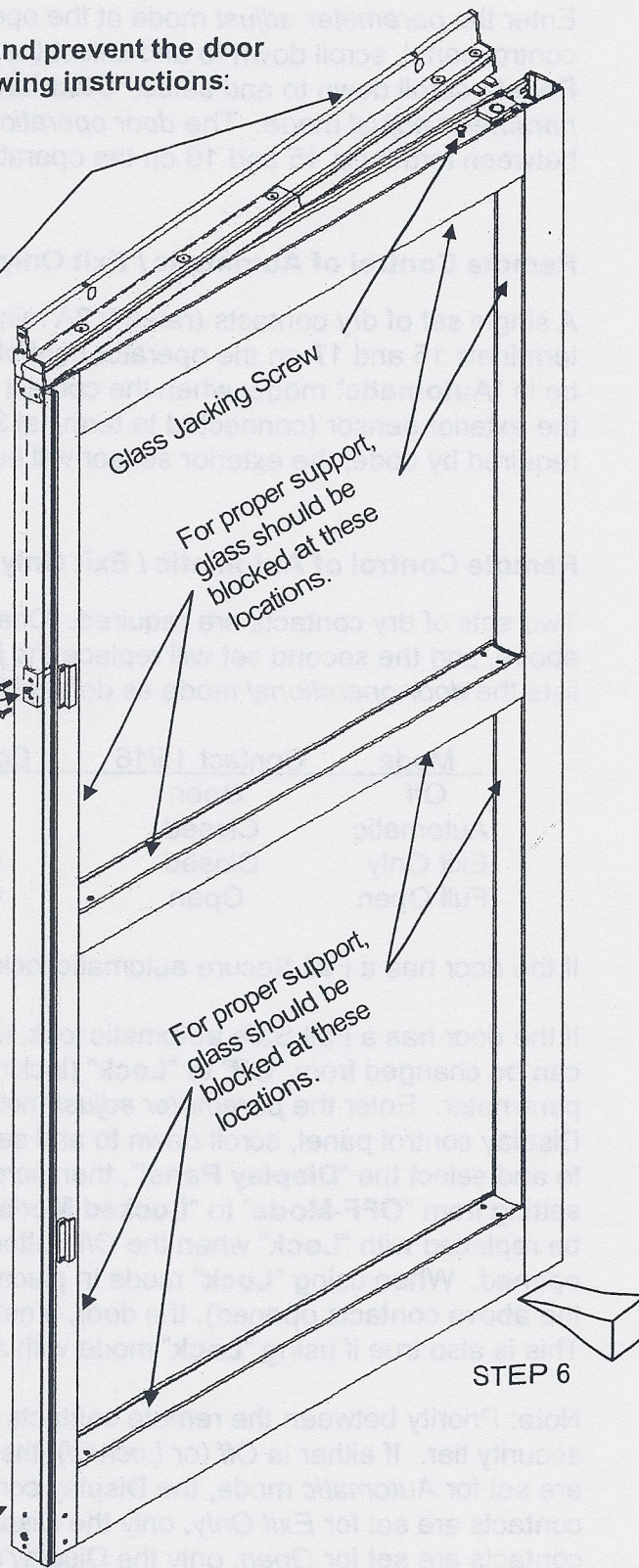
To increase the "lift" of the breakout mechanism and prevent the door from dropping when broken out, perform the following instructions:

1. Insure the glass is blocked properly and in the locations shown at right. Please see location of Glass Jacking Screw to adjust and aid in blocking and preventing the door from dropping when "SX" Panel is in breakout.
2. Breakout the "SX" Panel 6"-8" as shown.
3. Using a 5/32" Allen hex wrench, loosen the two 1/4-20 Button Head socket cap screws located on the back of the vertical pivot stile 18" from the top.
4. Insert a 3/16" Allen hex wrench in the center hole between the two screws and tighten the concealed cap screw clockwise until snug.
5. Using your foot, apply force to the pivot stile below the screws in the direction of the lock stile, lifting the lock stile and the front of the panel.
6. Place a shim/wedge under the lock stile to remain elevated & re-tighten the two 1/4-20 Button Head screws. **Note:** Do not over tighten as this may cause distortion in the aluminum stile.
7. Remove shim/wedge and check for adequate lift support.

To adjust the force required to initiate a breakout, locate the ball catch at the top of the vertical lock stile and rotate it counterclockwise to increase the force required.

STEP 5

APPLY
FORCE





Series 5100 – Remote Control of Door Operating Mode

Enter the *parameter adjust* mode at the operator control module and, using the Display control panel, scroll down to and select the “**Control Panel**” parameter. Select “**Mech. Panel**”, scroll down to and select “**Standard 1Way**” (factory default is “**disabled**”). Exit *parameter adjust* mode. The *door operational* mode will now be “**Off**” until a jumper is placed between terminals 15 and 16 on the operator control module.

Remote Control of Automatic / Exit Only modes only –

A single set of dry contacts (rated 0.2A minimum) is required and connected between terminals 15 and 17 on the operator control module. When the contact is open, the door will be in “**Automatic**” mode; when the contact is closed, the door will be in “**Exit**” only mode, and the exterior sensor (connected to terminal 3) is disabled when the door is fully closed. As required by code, the exterior sensor will be active when the door is open &/or closing.

Remote Control of Automatic / Exit Only / Open / Off (or Locked) modes –

Two sets of dry contacts are required. One set will be connected between 15 and 17 as above, and the second set will replace the jumper between 15 and 16. The following table lists the *door operational* mode as defined by the contacts:

Mode	Contact 15/16	Contact 15/17
Off	Open	Open
Automatic	Closed	Open
Exit Only	Closed	Closed
Full Open	Open	Closed

If the door has a Fail Secure automatic lock, the door will be locked when in the “**Off**” mode.

If the door has a Fail Safe automatic lock, the door will not be locked in the “**Off**” mode. This can be changed from “**Off**” to “**Lock**” (locking the Fail Safe lock) by changing an additional parameter. Enter the *parameter adjust* mode at the operator control module and, using the Display control panel, scroll down to and select the “**Control Panel**” parameter. Scroll down to and select the “**Display Panel**”, then scroll down and select “**Keyboard**”. Change the setting from “**OFF-Mode**” to “**Locked Mode**”. Exit the *parameter adjust* mode. “**Off**” will now be replaced with “**Lock**” when the *Off* button is pressed, or when the above contacts are opened. When using “**Lock**” mode in place of “**Off**” mode, when the *Off* button is pressed (or the above contacts opened), the door, if not closed, will always drive closed then lock. This is also true if using “**Lock**” mode with a Fail Secure automatic lock.

Note: Priority between the remote contacts and the Display control panel follows a safety / security tier. If either is *Off* (or *Locked*), the door will be “**Off**” (“**Lock**”). If the remote contacts are set for *Automatic* mode, the Display control panel has full functionality. If the remote contacts are set for *Exit Only*, only the Display's *Off* and *Exit* buttons function. If the remote contacts are set for *Open*, only the Display's *Off*, *Exit*, and *Open* buttons function.

record

Dec06 DPH

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 >
```

Press "OK"

Connect with STG ...

Accept all parameter
from the STG?

Offline ☒ Yes

Press "OK"

```
Parameter download
from STG ...
```

STA19US V1.41

Break-out USA
Automatic
0 Errorless

Continue

SERVICE STG

Parameter	>
Maintenance	>
Functions	>
Operation mode	>
Diagnostics	>

Press "OK"

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.

SERVICE STG		PARAMETER	
Param	DRIVING CYCLE		CLOSING SPEED
Mainte	Driving		
Function	Time d	Closing speed	20
Operat	Drive	Opening speed	36
Diagno	Entran	Acceleration	0
	Contro		
	Lockin		

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

SERVICE STG		PARAMETER	
Param	DRIVING CYCLE		OPENING SPEED
Mainte	Driving		
Function	Time d	Closing speed	20
Operat	Drive	Opening speed	36
Diagno	Entran	Acceleration	0
	Contro		
	Lockin		

SERVICE STG		PARAMETER	
Param	DRIVING CYCLE		ACCELERATION
Mainte	Driving		
Function	Time d	Closing speed	20
Operat	Drive	Opening speed	36
Diagno	Entran	Acceleration	0
	Contro		
	Lockin		

SERVICE STG		PARAMETER	
Param	TIME DELAY OPEN		TIME DELAY OPEN
Mainte	Driving		
Function	Time d	Time delay open	2
Operat	Drive	Time delay Rem. Sw	20
Diagno	Entran		
	Contro		
	Lockin		

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

SERVICE STG		PARAMETER	
Param	TIME DELAY OPEN		TIME DELAY REM. SW
Mainte	Driving		
Function	Time d	Time delay open	2
Operat	Drive	Time delay Rem. Sw	20
Diagno	Entran		
	Contro		
	Lockin		

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

SERVICE STG		
22	PARAMETER	
Param	22	DRIVE
Mainte	Drivin	22
Func	Time d	PARTIAL OPENING
Operat	Drive	22
Diagno	Entran	Revers
	Contro	Emerg-
	Lockin	Power

20

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

SERVICE STG		
22	PARAMETER	
Param	22	DRIVE
Mainte	Drivin	22
Func	Time d	REVERSE AUTOMATIC
Operat	Drive	22
Diagno	Entran	Revers
	Contro	Emerg-
	Lockin	Power

0 Less sensitive
 1 More sensitive

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

SERVICE STG		
22	PARAMETER	
Param	22	DRIVE
Mainte	Drivin	22
Func	Time d	EMERG-OPERAT. BAT
Operat	Drive	22
Diagno	Entran	Revers
	Contro	Emerg-
	Lockin	Power

0 Close, not lock
 1 Unlock and open
 2 Close and lock
 3 Open, if not locked

SERVICE STG		
22	PARAMETER	
Param	22	DRIVE
Mainte	Drivin	22
Func	Time d	POWER FAILURE
Operat	Drive	22
Diagno	Entran	Revers
	Contro	Emerg-
	Lockin	Power

0 Battery operation
 1 Emergency operation

SERVICE STG	PARAMETER	ENTRANCE SYSTEM	DOOR TYPE	DOOR TYPE
Paramete	Entranc	Door t	0 Basic operator	14 CO48 Sandow direct
Mainte	Time d		3 CO48 Ventouse	15 Basic escape route
Functi	Drive		14 CO48 Sandow direct	19 Break-out USA
Operat	Entranc		15 Basic escape route	20 Ratchet
Diagno	Contro		19 Break-out USA	21 Dead man
	Lockin		20 Ratchet	22 Sliding window

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

SERVICE STG	PARAMETER	CONTROL PANEL	MECHANICAL PANEL	MECHANICAL PANEL
Paramete	Entranc	Mechan	3 disabled	3 disabled
Mainte	Time d	Displa	4 Standard one-way	4 Standard one-way
Functi	Drive		5 Rkr &/or keysw	5 Rkr &/or keysw
Operat	Entranc		6 Standard winter	6 Standard winter
Diagno	Contro			
	Lockin			

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

SERVICE STG	PARAMETER	CONTROL PANEL	DISPLAY PANEL	SELECT LANGUAGE
Paramete	Entranc	Displa	Select	0 DEUTSCH
Mainte	Time d		Keyboa	1 FRANCAIS
Functi	Drive		Contra	2 ENGLISH
Operat	Entranc		Contra	3 ENGLISH US
Diagno	Contro		TD Bac	
	Lockin			

SERVICE STG	PARAMETER	CONTROL PANEL	DISPLAY PANEL	KEYBOARD
Paramete	Entranc	Displa	Select	0 Locked-Mode
Mainte	Time d		Keyboa	1 OFF-Mode
Functi	Drive		Contra	
Operat	Entranc		Contra	
Diagno	Contro		TD Bac	
	Lockin			

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

SERVICE STG
 2 2
 PARAMETER
 2 2
 CONTROL PANEL
 2 2
 DISPLAY PANEL
 2 2
 CONTRAST BDE1
 2 2
 20
 TD Back

SERVICE STG
 2 2
 PARAMETER
 2 2
 CONTROL PANEL
 2 2
 DISPLAY PANEL
 2 2
 CONTRAST BDE2
 2 2
 20
 TD Back

SERVICE STG
 2 2
 PARAMETER
 2 2
 CONTROL PANEL
 2 2
 DISPLAY PANEL
 2 2
 TD BACKLITE
 2 2
 20
 TD Back

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

SERVICE STG
 2 2
 PARAMETER
 2 2
 LOCKING
 2 2
 LOCKING FUNCTION
 2 2
 0 Manual mode
 1 Night locked
 2 One-way locked
 3 Always locked

"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.

SERVICE STG	PARAMETER	LOCKING	LOCK TYPE	LOCK TYPE
Param	Time	Lock	0 Without lock	3 Motor powered
Mainte	Drive	Entr	3 Motor powered	4 Bistable
Func	Drive	Lock	4 Bistable	5 MPV
Oper	Entr	Lock	5 MPV	6 Magnet
Diagn	Contr	Lock	6 Magnet	7 Fail secure
	Lock	Lock	7 Fail secure	8 Fail safe

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

SERVICE STG	PARAMETER	INPUT	EXT. SW IN
Param	Time	Ext. S	0 Ext. Sw IN
Mainte	Drive	Emerg.	1 Inactive by one-way
Func	Drive	Aux. S	and locked
Oper	Entr	Lock	
Diagn	Contr	Input	

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.

SERVICE STG	PARAMETER	INPUT	EMERG. OPEN/CLOSE	EMERG. OPEN/CLOSE
Param	Time	Ext. S	0 disabled	2 Emerg. Cls
Mainte	Drive	Emerg.	1 Emergency Open	Manual&RemSw
Func	Drive	Aux. S	2 Emerg. Cls	3 Emergency Close
Oper	Entr	Lock	Manual&RemSw	Locked
Diagn	Contr	Input		4 Emergency Close
	Lock			Locked&RemSw

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

SERVICE STG	PARAMETER	INPUT	AUX. SW
Param	Time	Ext. S	0 disabled
Mainte	Drive	Emerg.	1 Safety Beam
Func	Drive	Aux. S	2 Sidescreen sensor
Oper	Entr	Lock	3 C048
Diagn	Contr	Input	

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.

SERVICE STG	
PARAMETER	
Paramete	
Mainte	Drive
Func	Entran
Operat	Contro
Diagno	Lockin
	Input
	Output

ALARM/GONG	
Alarm/	
0	Alarm
1	Gong

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.

SERVICE STG	
PARAMETER	
Paramete	
Mainte	Entran
Func	Contro
Operat	Lockin
Diagno	Input
	Output
	Miscel

MISCELLANEOUS	
TOWA	
0	disabled
1	enabled

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.

SERVICE STG	
PARAMETER	
Paramete	
Mainte	Phone
Func	
Operat	
Diagno	

MAINTENANCE	
PHONE	
Phone	

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.

SERVICE STG	
FUNCTIONS	
Paramete	
Mainte	Factor
Func	Releas
Operat	Learn
Diagno	Learn
	BAT em

Factory settings	
Are you sure?	
Yes	No

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

SERVICE STG	
FUNCTIONS	
Paramete	
Mainte	Factory settings >
Func	Release AKI >
Operat	Learning ELS/BAT >
Diagno	Learning parameter >
	BAT emerg. reaction >

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

SERVICE STG
 FUNCTIONS
 Paramete
 Mainte
 Functi
 Operat
 Diagn

Release Learning ELS/BAT
 Are you sure?

Yes No

For use when adding an optional battery backup module.

SERVICE STG
 FUNCTIONS
 Paramete
 Mainte
 Functi
 Operat
 Diagn

Release Learning parameter
 Are you sure?

Yes No

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

SERVICE STG
 FUNCTIONS
 Paramete
 Mainte
 Functi
 Operat
 Diagn

Release BAT emerg. reaction
 Are you sure?

Yes No

Used to test an optional battery backup.

SERVICE STG
 OPERATION MODE
 Paramete
 Mainte
 Functi
 Operat
 Diagn

One-way
 Winter
 Automatic
 Continuously open
 Locked
 Manual

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).

SERVICE STG
 DIAGNOSTICS
 Paramete
 Mainte
 Functi
 Operat
 Diagn

Cycle 123
 Door parameters >
 Peripheral devices >
 Software >

Indicates the total number of door cycles.

SERVICE STG		
DIAGNOSTICS		
Param	DOOR PARAMETERS	
Mainte	Cycle	
Functi	Door p	Mass [kg] 43
Operat	Periph	Friction opening 9
Diagn	Softwa	Friction closing 8

For factory reference.

SERVICE STG		
DIAGNOSTICS		
Param	PERIPHERAL DEVICES	
Mainte	Cycle	
Functi	Door p	Motor 1 1
Operat	Periph	Motor 2 0
Diagn	Softwa	Battery type 0

For factory reference.

SERVICE STG		
DIAGNOSTICS		
Param	SOFTWARE	
Mainte	Cycle	
Functi	Door p	Running cycle 1234
Operat	Periph	Status 0
Diagn	Softwa	Reboot 0

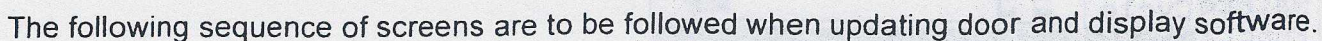
For factory reference.

SERVICE STG		
DIAGNOSTICS		
Param	SOFTWARE	
Mainte	Cycle	
Functi	Door p	Running cycle 1234
Operat	Periph	Status 0
Diagn	Softwa	Reboot 0

For factory reference.

SERVICE STG		
DIAGNOSTICS		
Param	SOFTWARE	
Mainte	Cycle	
Functi	Door p	Running cycle 1234
Operat	Periph	Status 0
Diagn	Softwa	Reboot 0

For factory reference.

Yes ☐ No ☒

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
Service STG Slave >
Flash-Programmer >
Setup >

FLASH PROGRAMMER

Automatic update >
Manual update >
Indicate files >
Check files >

Checks 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 >
Service STG Slave >
Flash-Programmer >
Setup >

SETUP
Renew license >
Select language >

RENEW LICENSE
Lapse counter: 500
ID: 3 076 305 230
KEY: ■

Not used in North America

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 >

SETUP
Renew license >
Select language >

SELECT LANGUAGE
DEUTSCH
FRANCAIS
ENGLISH
ENGLISH US