

StormPro® Storm Shelter Maintenance Manual



Strong in the Storm®

The **StormPro® Storm Shelter Maintenance Manual** will highlight specific maintenance check points of each assembly to ensure proper function and operation.

Tornado and hurricane shelter impact protective systems should be regularly maintained to protect their functionality and maximize their lifespan.

Door assembly maintenance is especially important to maintain the proper operation of the assembly. To ensure effectiveness, every storm shelter should have an operations and maintenance plan, and maintenance costs should be considered during budget planning.

The storm shelters operations and maintenance plan should identify who performs the monitoring and maintenance of the shelter door assemblies. Individuals may include factory trained facilities and maintenance staff with assistance as needed from the door or hardware manufacturer or distributor, or a subject matter expert recommended by the local Authority Having Jurisdiction (AHJ).

Storm shelter inspections are required by code to be performed annually and is recommended to be done by a factory trained inspector to ensure the door, frame and hardware is operating properly. Damaged or missing components need to be replaced with components that are specified within the listed assembly.

Contact your local Door Security Solutions office for information on factory training.

Local Sales Office





Commercial StormPro® Applications

Surface Vertical Rod Device with StormPro Door and Frame Assemblies

Corbin Russwin FE5400S Series Surface Vertical Rod Exit Device	2-3
Corbin Russwin PED5400 FE Series Surface Vertical Rod Exit Device	4-5
SARGENT FM-PE8700 Series Surface Vertical Rod Exit Device	6-7
SARGENT FM8700 Series Surface Vertical Rod Exit Device	8-9

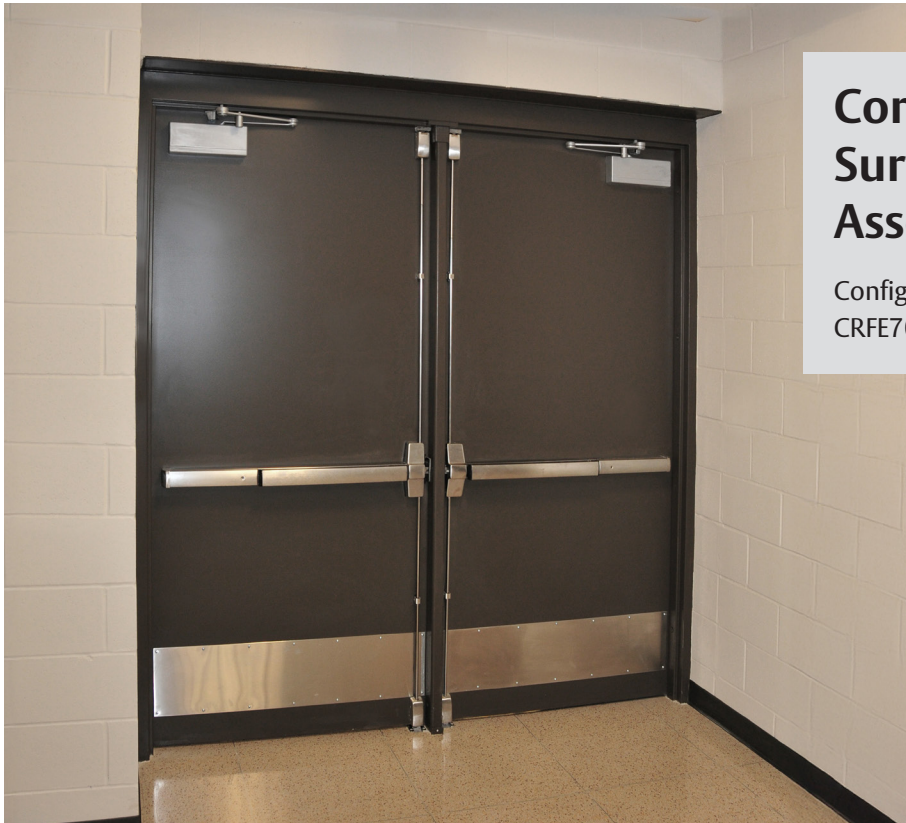
Concealed Multi-Point Lock with StormPro Door and Frame Assemblies with 3 or 4 Sided Frame Option

Corbin Russwin FE6600 Series Concealed Multi-Point Lock	10-11
SARGENT FM7300 Series Concealed Multi-Point Lock	12-13

Shutter Multi-Point Lock with StormPro Door and Frame Assemblies

Corbin Russwin FE6700 Series Concealed Multi-Point Lock	14-15
SARGENT FM6100 Series Concealed Multi-Point Lock	16-17

Surface Vertical Rod Exit Device with StormPro™ Door and Frame Assemblies



Corbin Russwin FE5400S Series Surface Vertical Rod Exit Device Assemblies

Configurations: Singles or pairs with Corbin Russwin CRFE700 or CRFE700A removable mullions.

Maintenance Check Points:

- Check clearances to make sure doors aren't rubbing or dragging
[Click here for more information](#)
- Visually take inventory of all fasteners on locking hardware, hinges, accessories and shims to ensure that all are secure and in the correct location
- Replace or tighten fasteners as needed (See screw packs available on next page)
- Visually inspect rods, rod guides and latch covers and exit device case for dragging or binding
- Check and adjust center latch and strike to ensure it fully engages
- Make sure the bottom strike is free of dirt and debris and the bottom bolt fully engages
- Make sure the top latch is moving freely and fully engages (Refer to locking hardware installation instructions on next page)
- In pair applications with CRFE700 or CRFE700A Mullions, check to make sure fasteners are tight and mullion is secure in the opening
- Check to make sure closers are adjusted per manufacturer's recommendations

Contact your local Door Security Solutions office for information on factory training.

[Local Sales Office](#)



Door and Frame Instructions



[Door and Frame Clearances](#)



[Ceco StormPro Installation](#)



[Curries StormPro Installation](#)

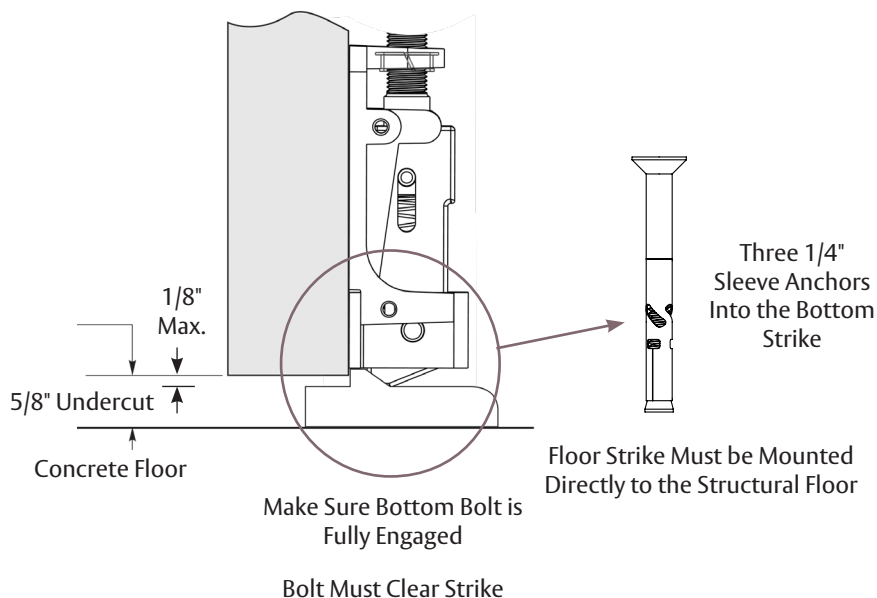
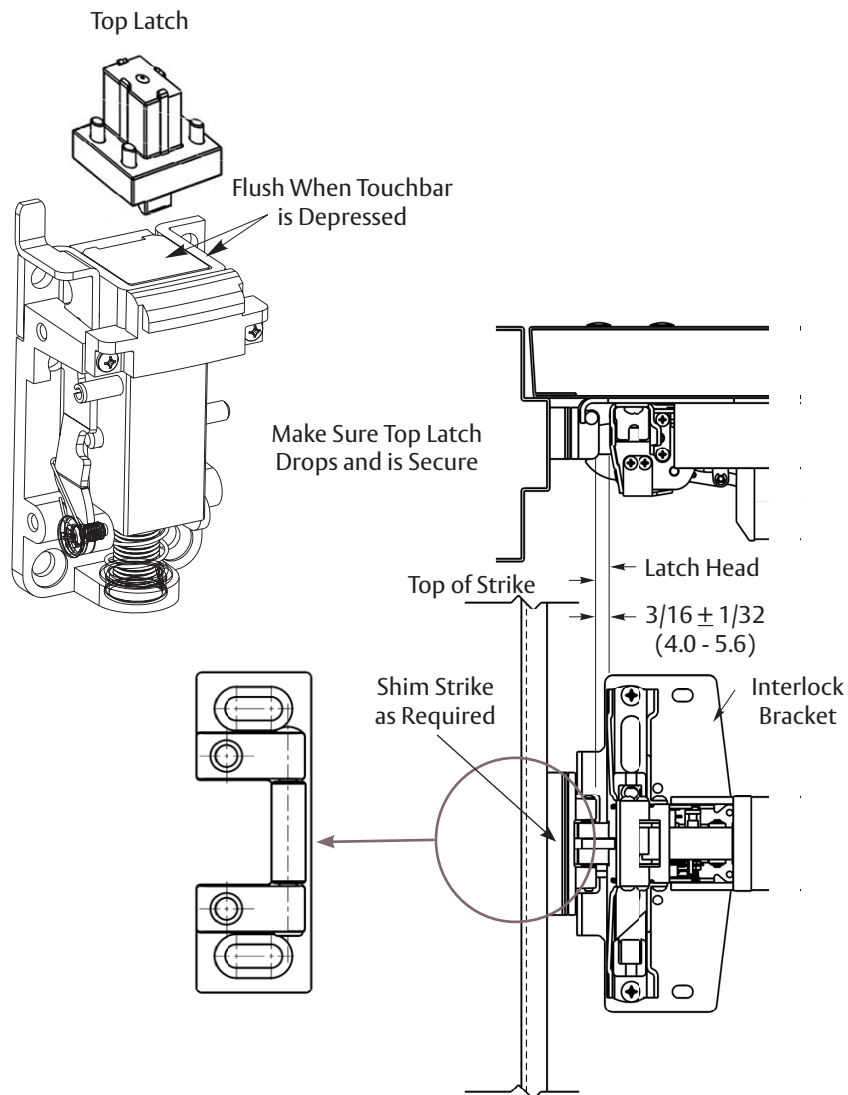
Locking Hardware Instructions



[Corbin Russwin FE5400S Series Installation](#)

Screw Packs

- Cover Screw Packet - 704F63M FIN
- Device Mounting Packet - 735F328 FIN
- Chassis Cover Screw Packet - 735F35M FIN
- Chassis Mounting Packet - 735F318 FIN



Surface Vertical Rod Exit Device with StormPro™ Door and Frame Assemblies

Corbin Russwin PED5400 FE Series Surface Vertical Rod Exit Device Assemblies

Configurations: Singles or pairs.

Maintenance Check Points:

- Check clearances to make sure doors aren't rubbing or dragging
[Click here for more information](#)
- Visually take inventory of all fasteners on locking hardware, hinges, accessories and shims to ensure that all are secure and in the correct location
- Replace or tighten fasteners as needed (See screw packs available on next page)
- Visually inspect rods, rod guides and latch covers and exit device case for dragging or binding
- Make sure the bottom strike is free of dirt and debris and the bottom bolt fully engages
- Make sure the top bolt is moving freely and fully engages (Refer to locking hardware installation instructions on next page)
- If a mullion is present check to make sure fasteners are tight and mullion is secure in the opening
- Check to make sure closers are adjusted per manufacturer's recommendations
- Check fire pins on single fire rated doors
- Optional CRFE700 or CRFE700A mullions may be used on pairs of doors

Contact your local Door Security Solutions office for information on factory training.

[Local Sales Office](#)



Door and Frame Instructions



[Door and Frame Clearances](#)



[Ceco StormPro Installation](#)



[Curries StormPro Installation](#)

Locking Hardware Instructions



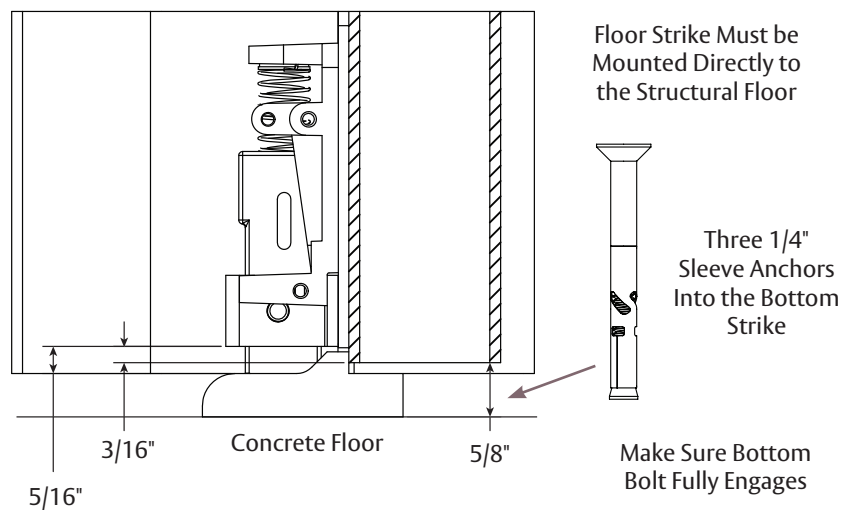
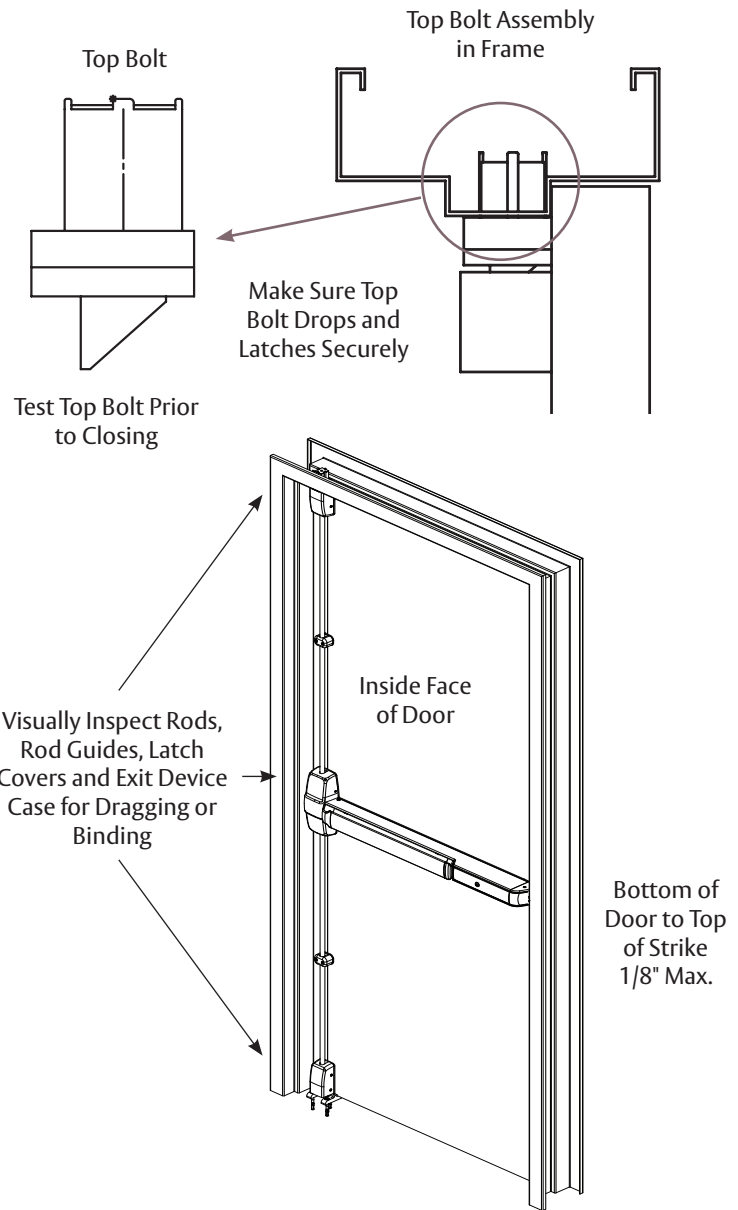
[Corbin Russwin PED5400 FE Series Installation](#)

Screw Packs

- Bottom Case Assembly Screw Pack (B) 68-3905
- Top Case Assembly Screw Pack (B) 68-3905
- Chassis Assembly Auxiliary Screw Pack 97-2563
- Chassis Assembly Mounting Screw Pack 68-5991

Shim Kits

- Shim Kit 569



Surface Vertical Rod Exit Device with StormPro® Door and Frame Assemblies

SARGENT FM-PE8700 Series Surface Vertical Rod Exit Device Assemblies

Configurations: Singles or pairs.

Maintenance Check Points:

- Check clearances to make sure doors aren't rubbing or dragging
[Click here for more information](#)
- Visually take inventory of all fasteners on locking hardware, hinges, accessories and shims to ensure that all are secure and in the correct location
- Replace or tighten fasteners as needed (See screw packs available on next page)
- Visually inspect rods, rod guides and latch covers and exit device case for dragging or binding
- Make sure the bottom strike is free of dirt and debris and the bottom bolt fully engages
- Make sure the top bolt is moving freely and fully engages (Refer to locking hardware installation instructions on next page)
- If a mullion is present check to make sure fasteners are tight and mullion is secure in the opening
- Check to make sure closers are adjusted per manufacturer's recommendations
- Check fire pins on single fire rated doors
- Optional HC980 or 12-HC980 mullions may be used on pairs of doors

Contact your local Door Security Solutions office for information on factory training.

[Local Sales Office](#)



Door and Frame Instructions



Door and Frame Clearances



Ceco StormPro Installation



Curries StormPro Installation

Locking Hardware Instructions



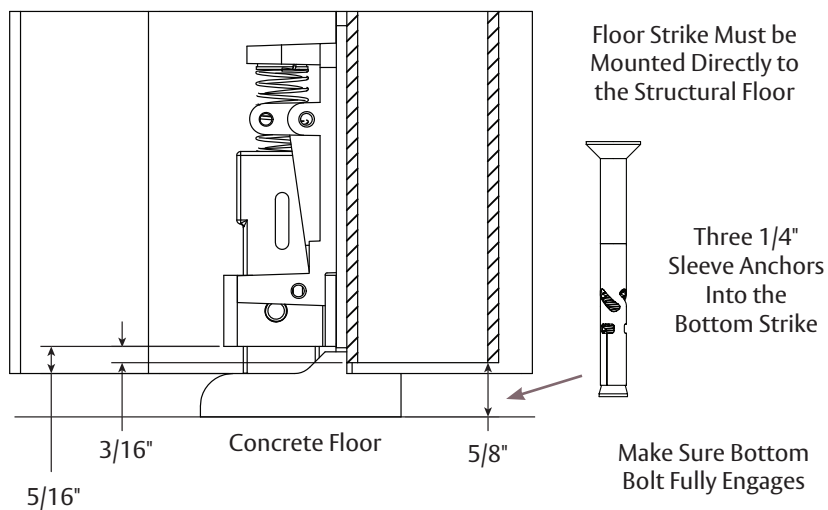
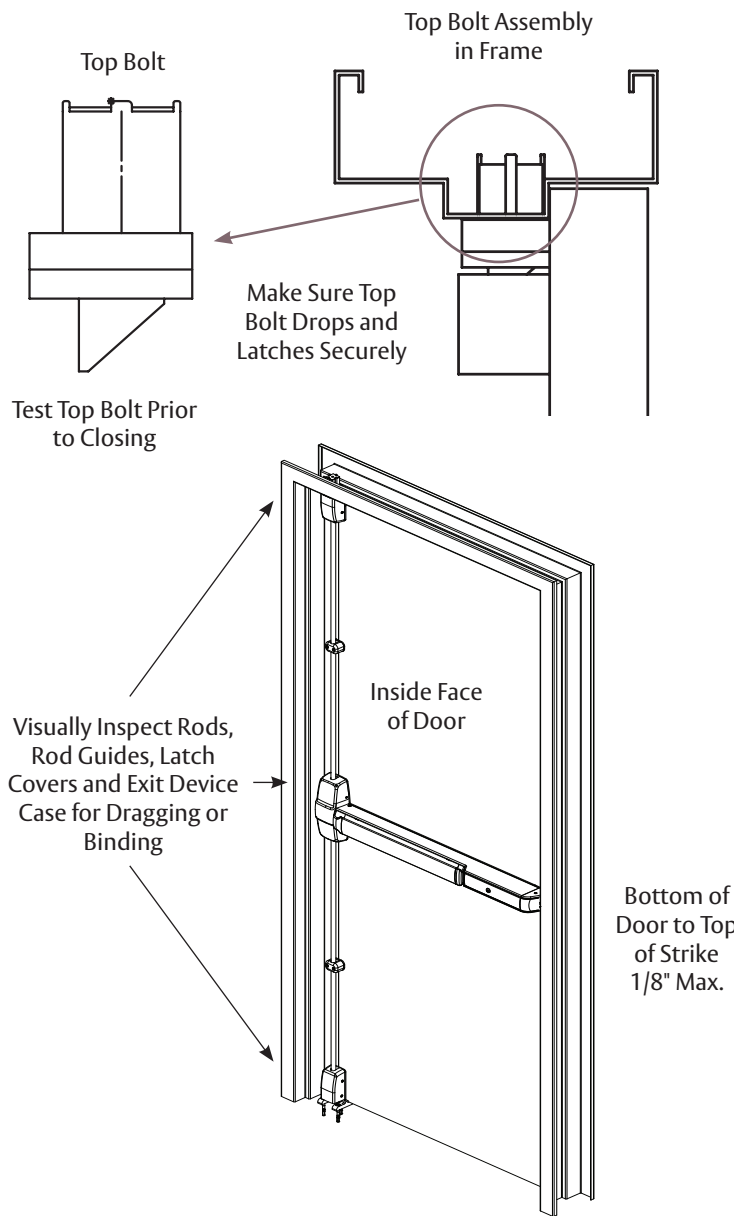
SARGENT FM-PE8700 Series Installation

Screw Packs

- Bottom Case Assembly Screw Pack (B) 68-3905
- Top Case Assembly Screw Pack (B) 68-3905
- Chassis Assembly Auxiliary Screw Pack 97-2563
- Chassis Assembly Mounting Screw Pack 68-5991

Shim Kits

- Shim Kit 569



Surface Vertical Rod Exit Device with StormPro® Door and Frame Assemblies

SARGENT FM8700 Series Surface Vertical Rod Exit Device Assemblies

Configurations: Singles or pairs.

Maintenance Check Points:

- Check clearances to make sure doors aren't rubbing or dragging
[Click here for more information](#)
- Visually take inventory of all fasteners on locking hardware, hinges, accessories and shims to ensure that all are secure and in the correct location
- Replace or tighten fasteners as needed (See screw packs available on next page)
- Visually inspect rods, rod guides and latch covers and exit device case for dragging or binding
- Make sure the bottom strike is free of dirt and debris and the bottom bolt fully engages
- Make sure the top bolt is moving freely and fully engages (Refer to locking hardware installation instructions on next page)
- If a mullion is present check to make sure fasteners are tight and mullion is secure in the opening
- Check to make sure closers are adjusted per manufacturer's recommendations
- Check fire pins on single fire rated doors
- Optional HC980 or 12-HC980 mullions may be used on pairs of doors

Contact your local Door Security Solutions office for information on factory training.

[Local Sales Office](#)



Door and Frame Instructions



Door and Frame Clearances



Ceco StormPro Installation



Curries StormPro Installation

Locking Hardware Instructions



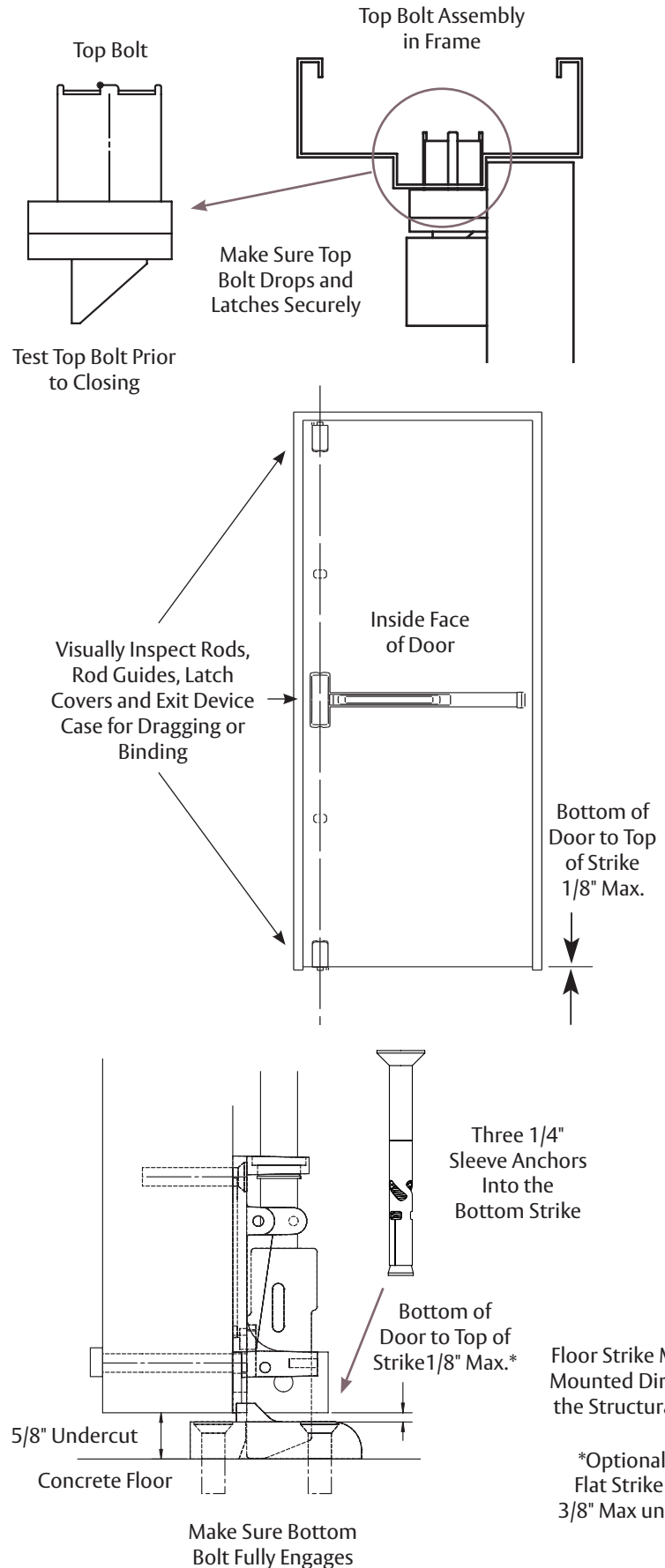
SARGENT FM8700 Series Installation

Screw Packs

- Bottom Case Assembly Screw Pack (B) 68-3905
- Top Case Assembly Screw Pack (B) 68-3905
- Chassis Assembly Auxiliary Screw Pack 97-2563
- Chassis Assembly Mounting Screw Pack 68-5991

Shim Kits

- Shim Kit 569



Concealed Multi-Point Lock with StormPro® Door and Frame Assemblies with 3 or 4 Sided Frame Option



Corbin Russwin FE6600 Series Concealed Multi-Point Lock Assemblies

Configurations: Singles and Pairs with Corbin Russwin 988CR or ASSA ABLOY ACCENTRA surface bolts in the inactive leaf and/or with communicating option.

4 Sided frame option:

Singles and Pairs with Corbin Russwin 988CR or ASSA ABLOY ACCENTRA 988Y surface bolts in the inactive leaf for heights over 6'8".

Maintenance Check Points:

- Check clearances to make sure doors aren't rubbing or dragging
[Click here for more information](#)
- Visually take inventory of all fasteners on locking hardware, hinges, accessories and shims to ensure that all are secure and in the correct location
- Replace or tighten fasteners as needed (See screw packs available on next page)
- Check for bottom rod and top latch engagement (If not latching call your local Door Security Solutions for further instructions before adjustments are made)
- Check center latch and deadbolt to ensure they fully engage
- Make sure the bottom strike is free of dirt and debris and the bottom bolt fully engages
- Make sure the top latch is moving freely and fully engages
- For pairs of doors check bottom and top surface bolts on inactive leaf for proper engagement
- If assembly hardware has M188 dogging indicator check to make sure it is functioning properly
- Check to make sure closers are adjusted per manufacturer's recommendations
- For pairs check bottom and top surface bolts on inactive leaf for proper engagement
- Top and bottom surface bolts must be mounted on the safe or shelter side of the inactive leaf

Contact your local Door Security Solutions office for information on factory training.

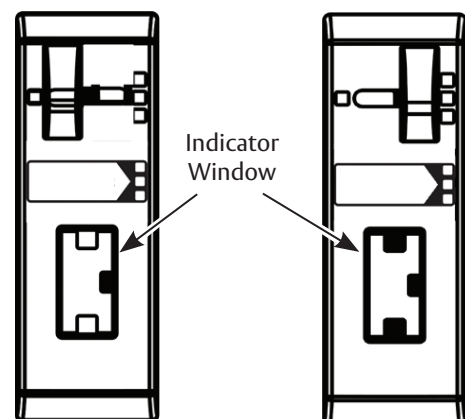
Local Sales Office



188 Dogging Indicator

Single Latch Point

3-Latch Points



Door and Frame Instructions



[Door and Frame Clearances](#)



[Ceco StormPro Installation](#)



[Curries StormPro Installation](#)

Locking Hardware Instructions



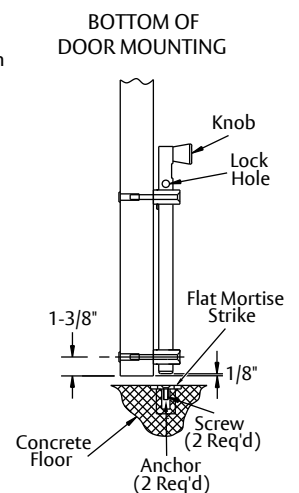
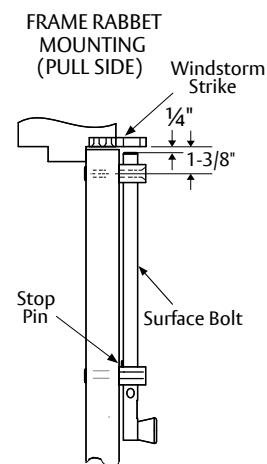
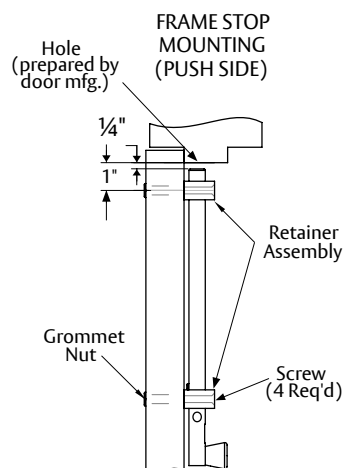
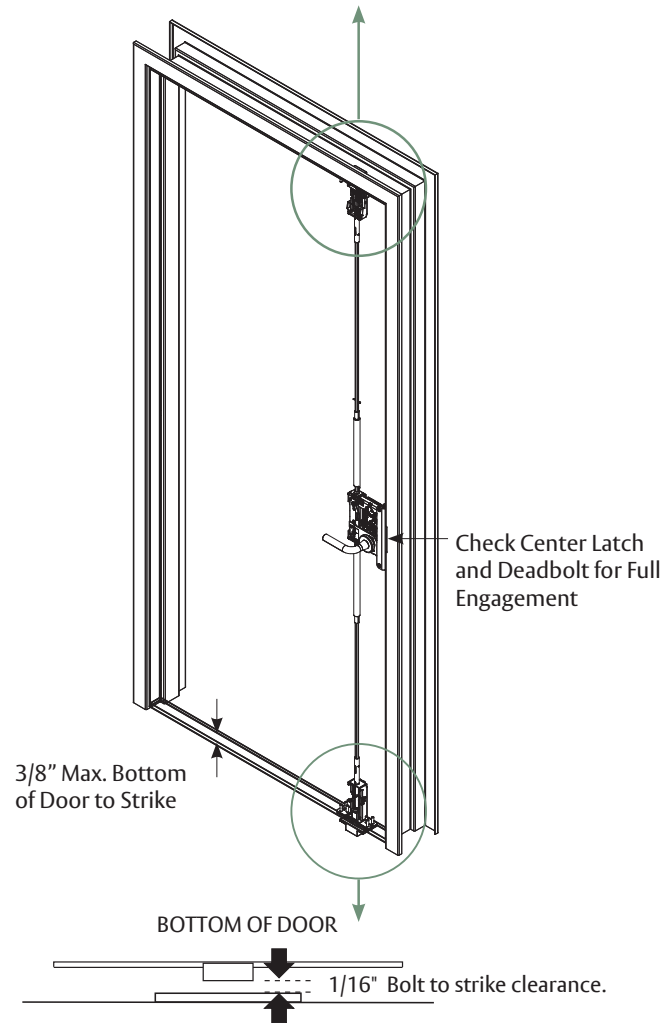
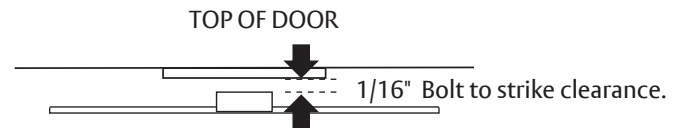
[Corbin Russwin Installation](#)



[Surface Bolt Installation](#)

Screw Packs

- Trim Mounting Screw Pack - 726F558
- Top/Bottom Case Mounting Screw Pack - 726F567
- Screw Retainer Pack - 726F658
- Dogging Indicator Screw Pack - 726F687



Concealed Multi-Point Lock with StormPro® Door and Frame Assemblies with 3 or 4 Sided Frame Option

SARGENT FM7300 Series Concealed Multi-Point Lock Assemblies

Configurations: Singles and Pairs with SARGENT 988 or ASSA ABLOY ACCENTRA 988Y surface bolts in the inactive leaf and/or with communicating option.

4 Sided frame option: Singles and Pairs with SARGENT 988 or ASSA ABLOY ACCENTRA 988Y surface bolts in the inactive leaf for heights over 6'8".

Maintenance Check Points:

- Check clearances to make sure doors aren't rubbing or dragging
[Click here for more information](#)
- Visually take inventory of all fasteners on locking hardware, hinges, accessories and shims to ensure that all are secure and in the correct location
- Replace or tighten fasteners as needed (See screw packs available on next page)
- Check for bottom rod and top latch engagement (If not latching call your local Door Security Solutions for further instructions before adjustments are made)
- Check and adjust center latch and deadbolt to ensure they fully engage
- Make sure the bottom strike is free of dirt and debris and the bottom bolt fully engages
- Make sure the top latch is moving freely and fully engages
- For pairs of doors check bottom and top surface bolts on inactive leaf for proper engagement
- If assembly hardware has 188 dogging indicator check to make sure it is functioning properly
- Check to make sure closers are adjusted per manufacturer's recommendations
- For pairs check bottom and top surface bolts on inactive leaf for proper engagement
- Top and bottom surface bolts must be mounted on the safe or shelter side of the inactive leaf

Contact your local Door Security Solutions office for information on factory training.

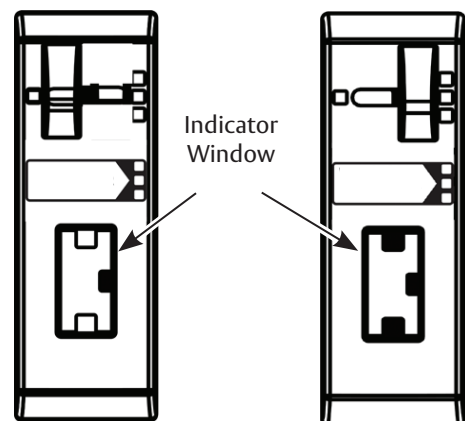
[Local Sales Office](#)



188 Dogging Indicator

Single Latch Point

3-Latch Points



Door and Frame Instructions



[Door and Frame Clearances](#)



[Ceco StormPro Installation](#)



[Curries StormPro Installation](#)

Locking Hardware Instructions



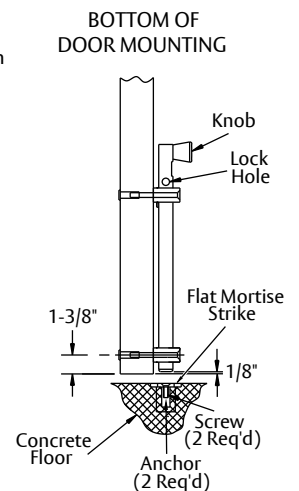
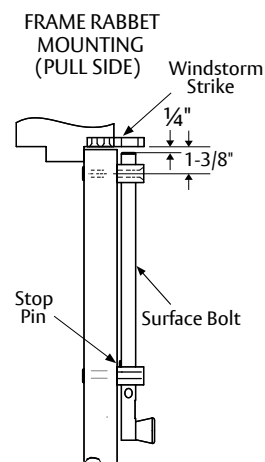
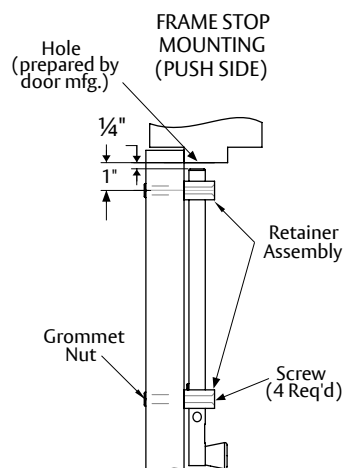
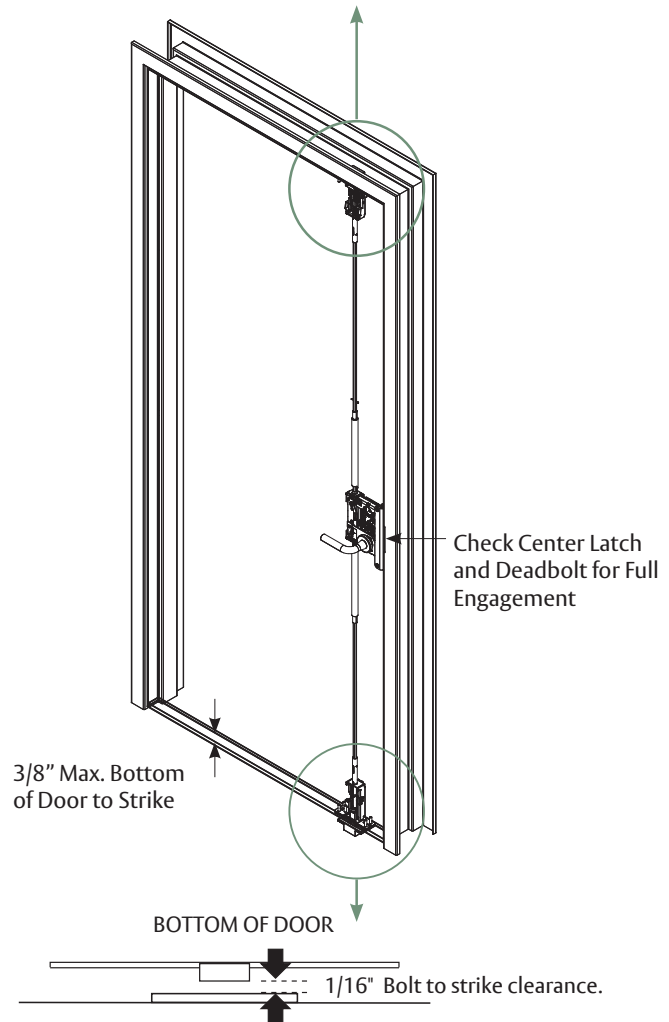
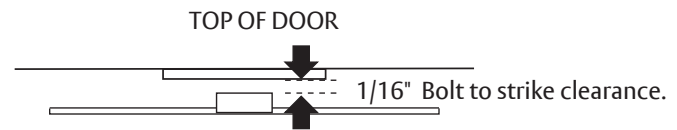
[Sargent FM7300 Series Installation](#)



[Surface Bolt Installation](#)

Screw Packs

- Trim Mounting Screw Pack - 82-5345
- Top/Bottom Case Mounting Screw Pack - 82-5346
- Screw Retainer Pack - 82-5383
- Dogging Indicator Screw Pack - 82-5400



Shutter Multi-Point Lock with StormPro® Door and Frame Assemblies



Corbin Russwin FE6700 Series Concealed Multi-Point Lock

Configurations: Singles and Pairs up to
6'8" max heights.

Maintenance Check Points:

- Check clearances to make sure doors aren't rubbing or dragging
[Click here for more information](#)
- Visually take inventory of all fasteners on locking hardware, hinges, accessories and shims to ensure that all are secure and in the correct location
- Replace or tighten fasteners as needed (See screw packs available on next page)
- Check for bottom rod and top latch engagement (If not latching call your local Door Security Solutions for further instructions before adjustments are made)
- Check center latch to ensure full engagement
- Make sure the bottom strike is free of dirt and debris and the bottom bolt fully engages
- Make sure the top latch is moving freely and fully engages
- For shutter pairs check for proper engagement into mullion, if applicable
- For shutter pairs check bottom and top surface bolts on inactive leaf for proper engagement if applicable; if a mullion is present, check to make sure fasteners are tight and mullion is secure in the opening
- Top and bottom surface bolts must be mounted on the safe or shelter side of the inactive leaf if applicable

Contact your local Door Security Solutions office for information on factory training.

[Local Sales Office](#)



Door and Frame Instructions



[Door and Frame Clearances](#)



[Ceco StormPro Installation](#)



[Curries StormPro Installation](#)

Locking Hardware Instructions



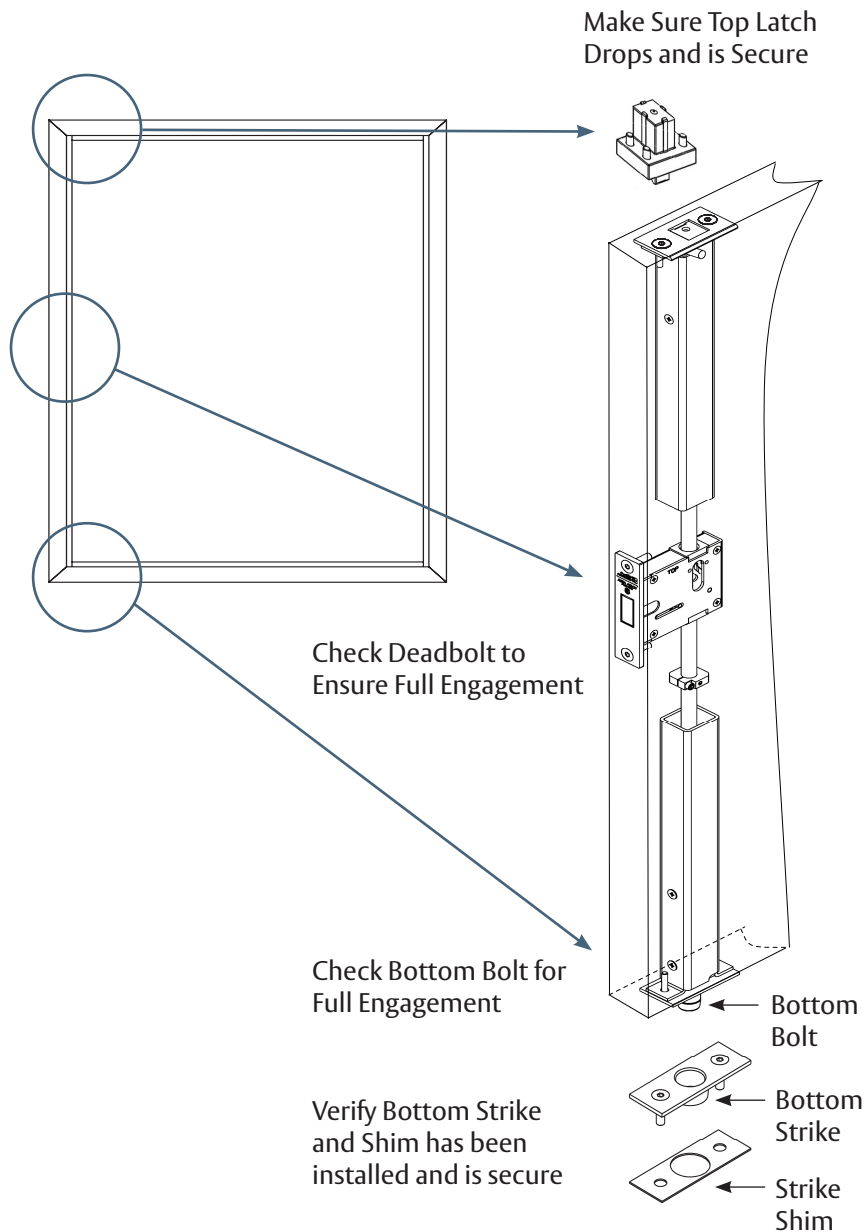
[Corbin Russwin FE6700 Series Installation](#)



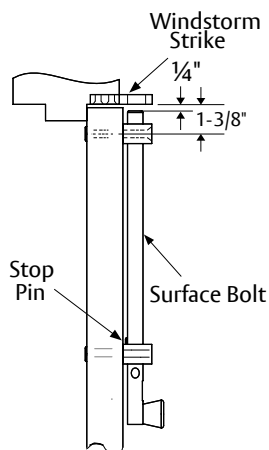
[Surface Bolt Installation](#)

Screw Packs

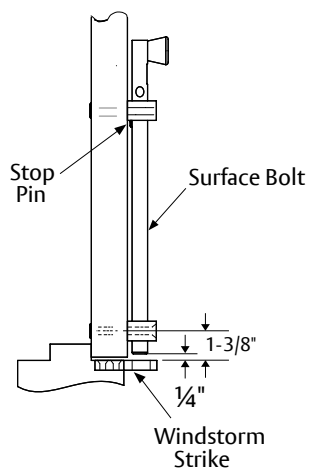
- Trim Mounting Packet – 719F99M FIN



Shutter Top Bolt



Shutter Bottom Bolt



Shutter Multi-Point Lock with StormPro® Door and Frame Assemblies

SARGENT FM6100 Series Concealed Multi-Point Lock

Configurations: Singles and Pairs up to 6'8" max heights.

Maintenance Check Points:

- Check clearances to make sure doors aren't rubbing or dragging
[Click here for more information](#)
- Visually take inventory of all fasteners on locking hardware, hinges, accessories and shims to ensure that all are secure and in the correct location
- Replace or tighten fasteners as needed (See screw packs available on next page)
- Check for bottom rod and top latch engagement (If not latching call your local Door Security Solutions for further instructions before adjustments are made)
- Check center latch to ensure full engagement
- Make sure the bottom strike is free of dirt and debris and the bottom bolt fully engages
- Make sure the top latch is moving freely and fully engages
- For shutter pairs check for proper engagement into mullion, if applicable
- For shutter pairs check bottom and top surface bolts on inactive leaf for proper engagement if applicable; if a mullion is present, check to make sure fasteners are tight and mullion is secure in the opening
- Top and bottom surface bolts must be mounted on the safe or shelter side of the inactive leaf if applicable

Contact your local Door Security Solutions office for information on factory training.

[Local Sales Office](#)



Door and Frame Instructions



[Door and Frame Clearances](#)



[Ceco StormPro Installation](#)



[Curries StormPro Installation](#)

Locking Hardware Instructions



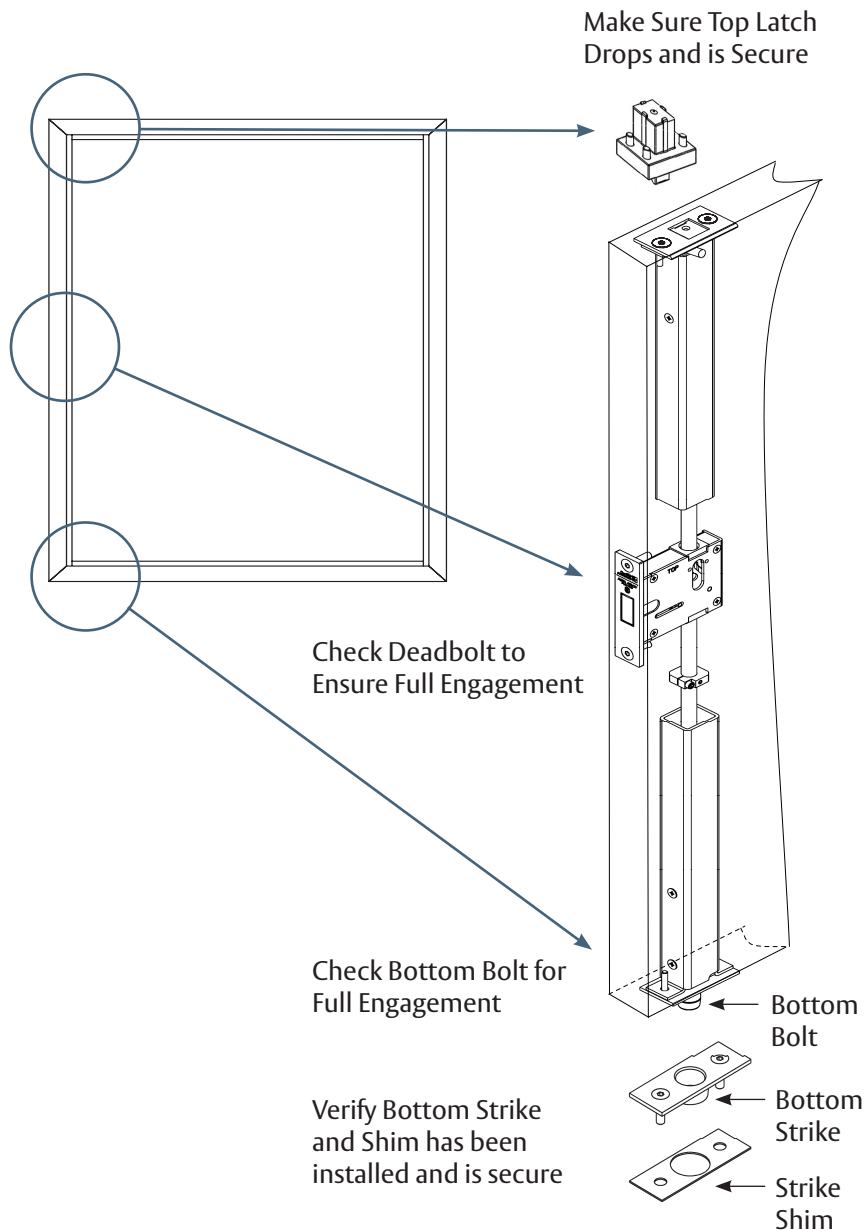
[Sargent FM6100 Series Installation](#)



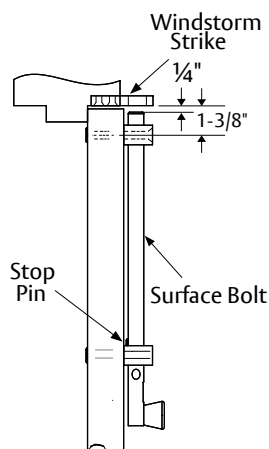
[Surface Bolt Installation](#)

Screw Packs

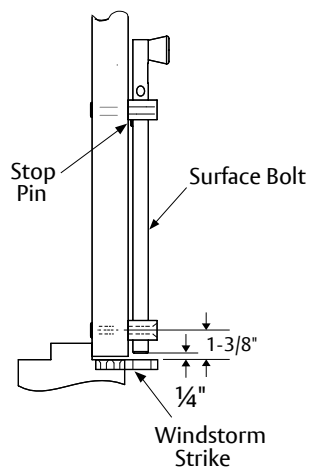
- Screw Part# - 0196215400



Shutter Top Bolt



Shutter Bottom Bolt



The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY
Opening Solutions

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames, door and window hardware, mechanical and smart locks, access control and service.

ASSA ABLOY Opening Solutions
Door Security Solutions
110 Sargent Drive
New Haven, CT 06511
www.assaabloydss.com
1 800 DSS EZ4U (377 3948)