

Installation Instructions

SARGENT
ASSA ABLOY

9700 & 12-9700

Vertical Rod Exit Device

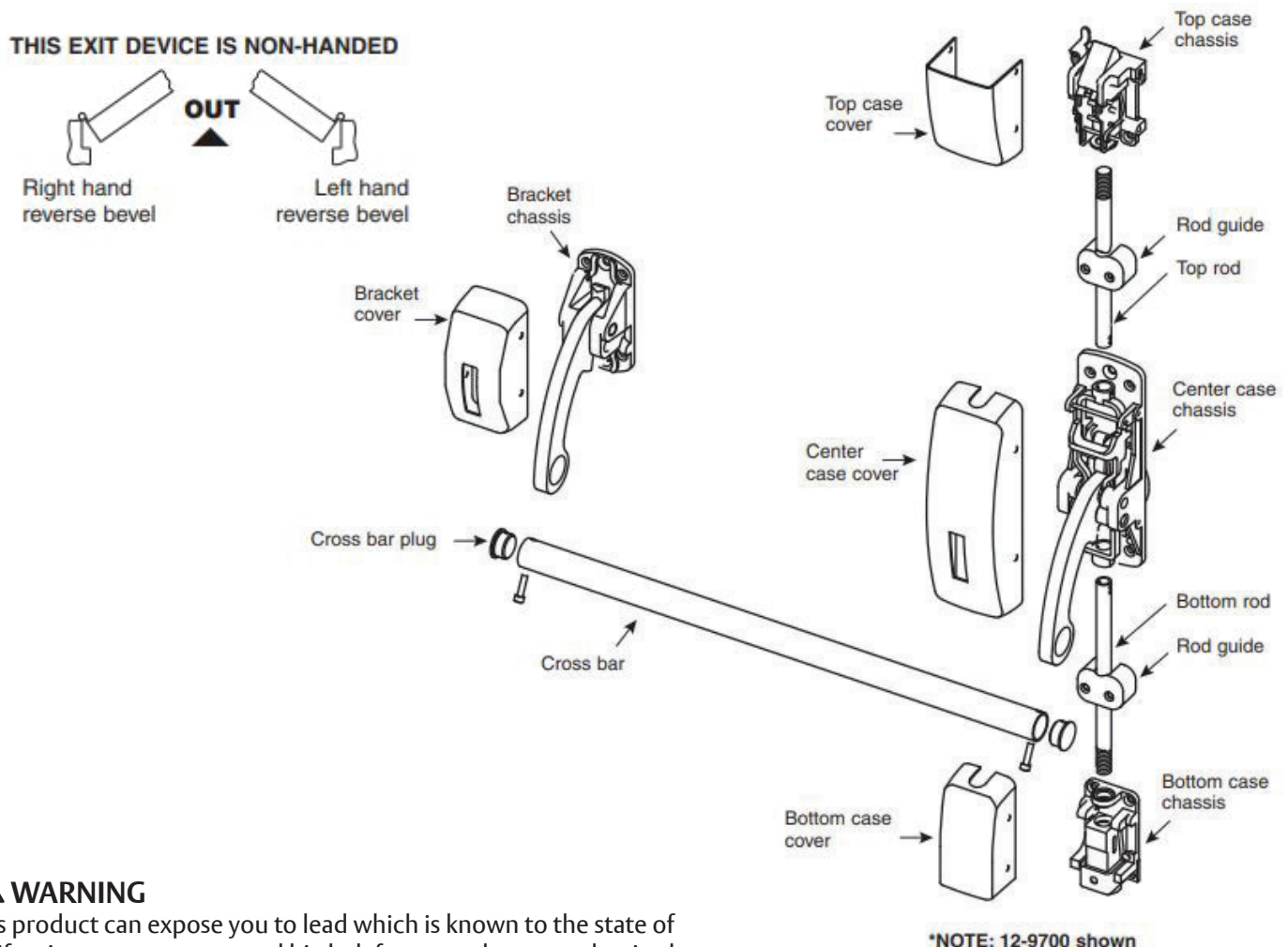


Door should be fitted and hung before starting door prep. Check box label for the size of the exit device, function, hand and design.

Tools Required

- Measuring Tape
- Power Drill
- Drill Bits: 3/32", 1/4", 11/32", 3/8" #25
- Screwdrivers: Phillips #2 & #3
- Taps: #10-24

Surface of the door must be flush. Clear away any raised projections to allow exit device to rest on flat surface of the door.



WARNING

This product can expose you to lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65warnings.ca.gov.



WARNING

Attention Installer: Improper installation may result in damage to the product and void the factory warranty.

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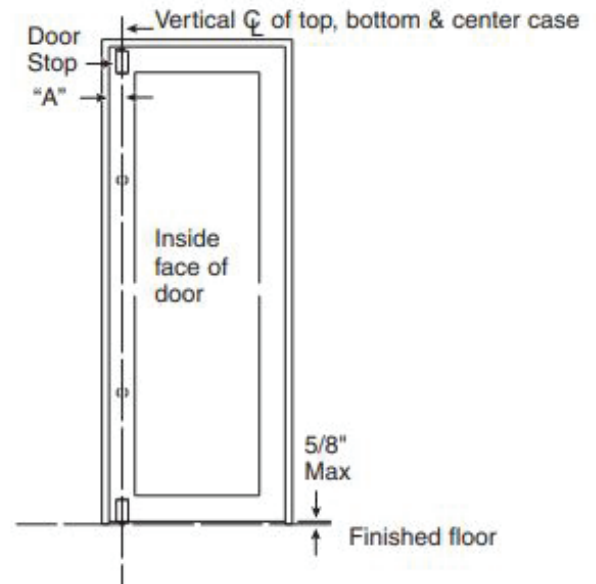
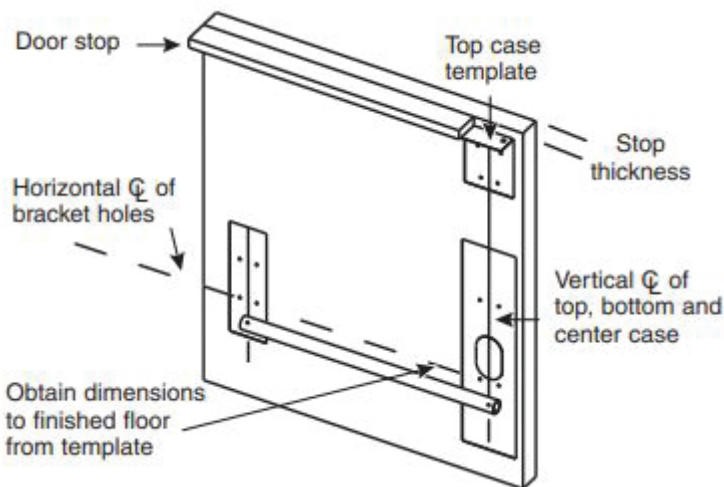
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1. Mark vertical centerline on inside of door as follows:

1. Where the lock stile is approx. 4-1/2" wide or wider - "A" = 2-3/4".
2. On single doors where the width of lock stile is under 4-1/2", make "A" equal to 1/2 the width of the exposed lock stile (when door is closed against stop).

2. Locate and place templates as follows:

1. With door closed, tape top case template to inside of door along reference lines marked in step 1.
2. Tape center case template to door in the same manor. (See dimension on template to obtain correct height from finished floor.)
3. Using cross bar hole centers for measuring, locate vertical center line of bracket. (See dimensions on template to obtain correct height from finished floor.)

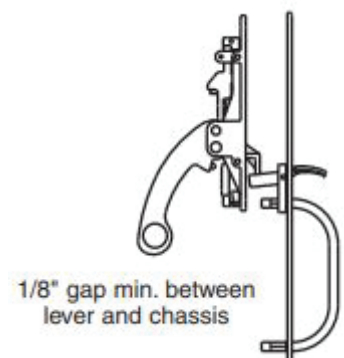


Locate templates between mounting holes on cross bar.

3. Drill and cut holes as directed on template.

4. Attach outside trim when used.

1. Some outside trims are through-bolted to the center case. Trims of this type must be put on in conjunction with step 5. Check outside trim used.
2. Check for correct spindle or thumb-piece length.
3. Install key cylinder. (Check for correct tail piece length.)



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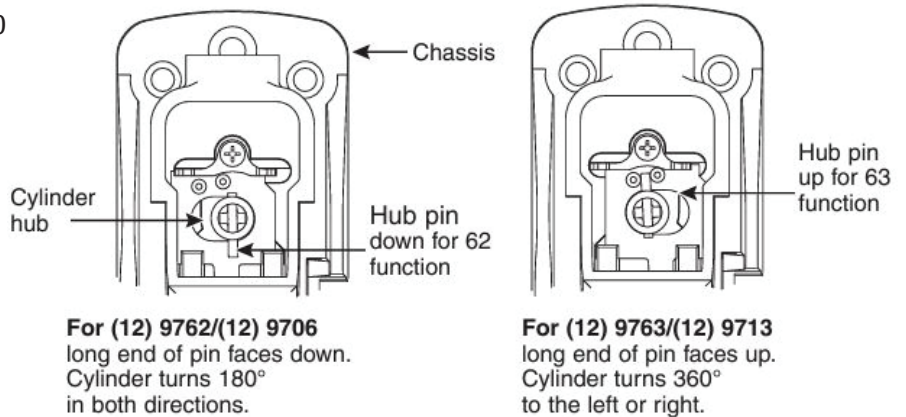
5. Remove cover from center case chassis and mount chassis on door.

Use (4) 10-24 flat head machine screws or (4) # 10 flat head wood screws.



IMPORTANT! On (12) 9706, (12) 9762, (12) 9713 and (12) 9763 functions, key cylinder hub in chassis must be turned to the correct position before mounting chassis on door.

NOTE: (12) 9713 and (12) 9706 does not have this hub assembly when used with ET Trim.

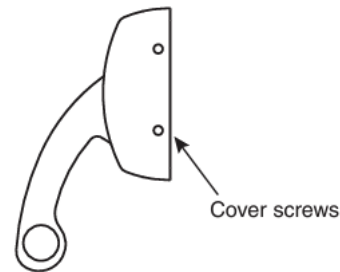


For (12) 9762/(12) 9706
long end of pin faces down.
Cylinder turns 180°
in both directions.

For (12) 9763/(12) 9713
long end of pin faces up.
Cylinder turns 360°
to the left or right.

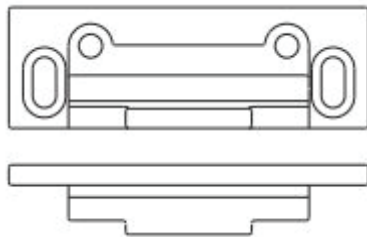
6. Mount bracket chassis on door.

Use (4) 10-24 flat head machine screws or (4) #10 flat head wood screws and attach bracket cover to chassis using (4) 8-32 oval head machine screws



7. Mount top strike in position prepped in step 2.

Tighten screws securely.



646 Standard strike for both 12-, fire rated, and standard top case
(2) 10-24 round head machine screws
(2) 10-24 oval head machine screws

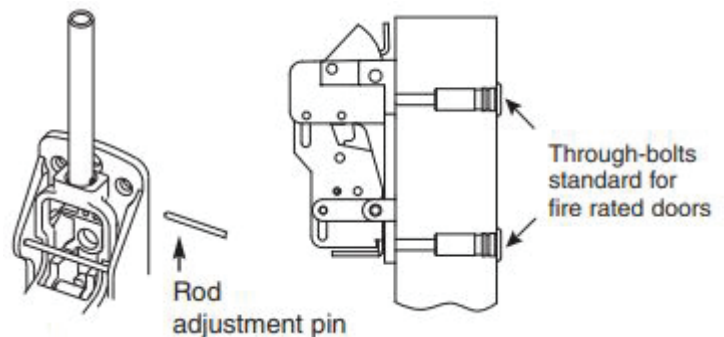
8. Mount top case and rod.

1. Make sure crossbar arm is not in lockdown position.
2. Screw top rod into top case until finger tight.
3. Slide top rod into main slide. Do not pin in place.

NOTE: Through-bolts are required and supplied for Fire Rated Top Case on wood doors

5. Unscrew top rod until top hole in rod is aligned with hole in main slide and insert rod adjustment pin.

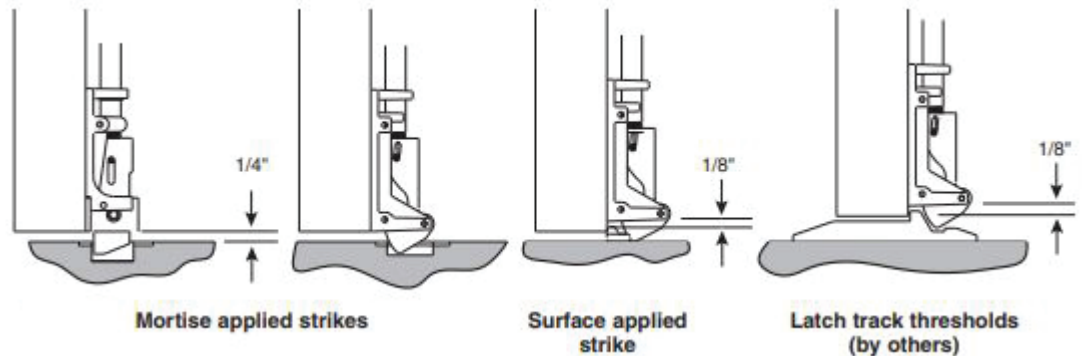
NOTE: 12 - Top case shown



NOTE: Use two (2) #10 steel screws and mortise nuts (when provided) in the position illustrated in the top and bottom chassis. Steel mortise nuts are twin knurled for identification.

9. Mount bottom rod assembly in the same manner as the top rod assembly and fasten bottom case chassis.

1. Verify rail is not dogged.
2. Screw rod into bottom case until finger tight.
3. Slide bottom rod into main slide.
4. Insert adjustment pin into middle hole.
5. Position bottom case on door, centered on vertical reference line. Raise or lower to achieve gap indicated for strike application. (See drawing to the right.)
6. Drill and tap mounting holes.
7. Mount bottom case.
8. Tighten fasteners securely.



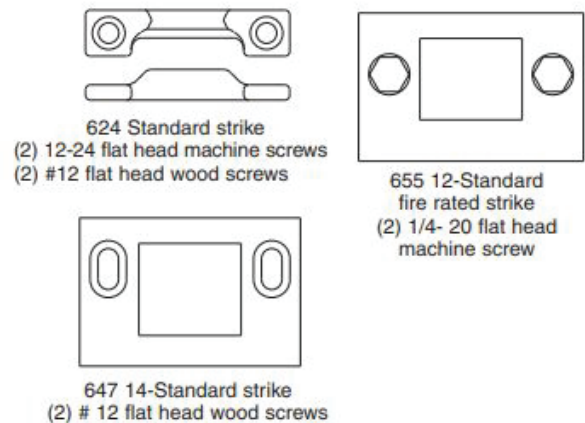
10. Bottom Strikes

Mark and install according to appropriate template and following notes:

For surface applied strikes: 624, 647:

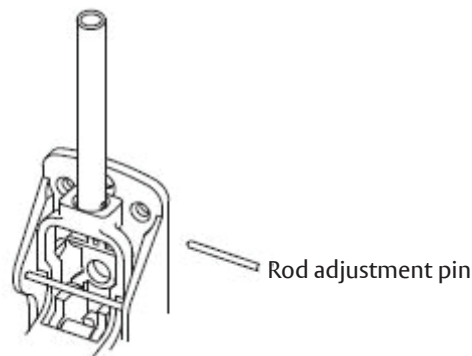
1. Transfer vertical centerline to floor or threshold and mark.
2. Center strike on line marked.
3. Mark mounting holes.
4. Drill holes for required fasteners.
5. Mount strike with fasteners provided.
6. Tighten screws securely.

For mortised strike: 655 follow steps in section 9 above. Mark mounting holes and outline of strike.:



11. Adjustment

1. Fine adjustment is made by turning rod into case to shorten or out of case to lengthen.
2. Rough adjustment is made by changing hole used for adjustment pin.



12. Complete the Installation

1. Apply covers using 8-32 oval under cut hard machine screws.
2. Attach guides using #10 Oval Head Screws, rods must move freely with guides.
3. Slide crossbar into chassis and bracket arms and attach crossbar plugs to crossbar using socket head cap screws