

Instructions for Installing SARGENT WD8600 & 12-WD8600 Series Concealed Vertical Rod Exit Device

FOR ASSISTANCE, CALL SARGENT AT 1-800-727-5477.

Verify the correct exit device is being installed on the correct door.
Function, finish and size should all be verified.

Note: Before removing door from hinges, determine the gap between top of door and frame. Determine smallest gap between bottom of door and high point of floor or threshold as door swings.

This information is needed for step #5. Remove door from the frame.

1) Pilot drill as required during installation.

Note: If 100 Series Auxiliary Control is being used, it must be installed at this point. See installation instructions on the other side.

2) Install FILLISTER HEAD screw (HH), inner chassis, as shown

3) Attach inner chassis w/mounting plate (A) to door with (2) screws (CC)

4) From top of door, screw top rod (B) into inner chassis (A) and from bottom of door, screw bottom rod (C) into inner chassis (A).

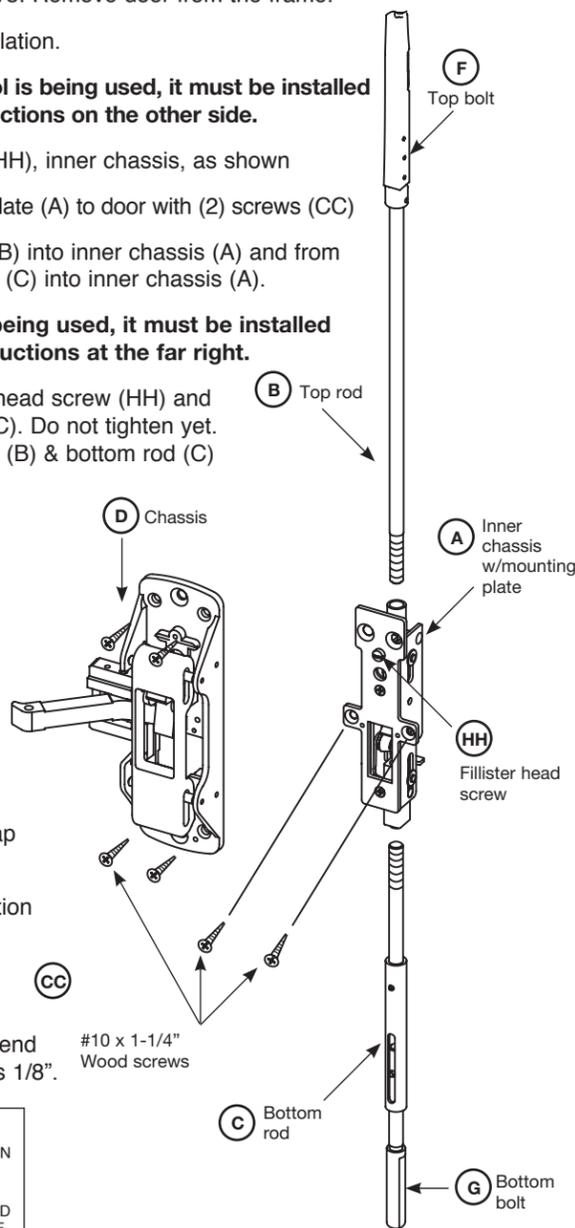
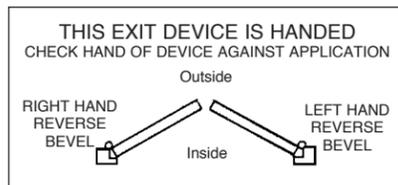
Note: If 700 Series ET Control is being used, it must be installed at this point. See installation instructions at the far right.

5) Position chassis (D) over fillister head screw (HH) and attach to door with (4) screws (CC). Do not tighten yet. Use chassis (D) to retract top rod (B) & bottom rod (C) to adjust bolt projection.

Note: Bolts & rods must be retracted while adjusting bolt projection. Use chassis (D) to retract top bolt (F) & top rod (B) and bottom bolt (G) & bottom rod (C).

6A) Adjusting top bolt (F) projection
1) 1/8" gap or less between door top and frame. Rotate bolt to make even with top of door.
2) 1/8" gap or greater. Bolt to extend above door equal to gap minus 1/8".

6B) Adjusting bottom bolt (G) projection
1) 1/8" gap or less between door bottom & high point. Rotate bolt to make even with bottom of door.
2) 1/8" gap or greater. Bolt to extend below door equal to gap minus 1/8".



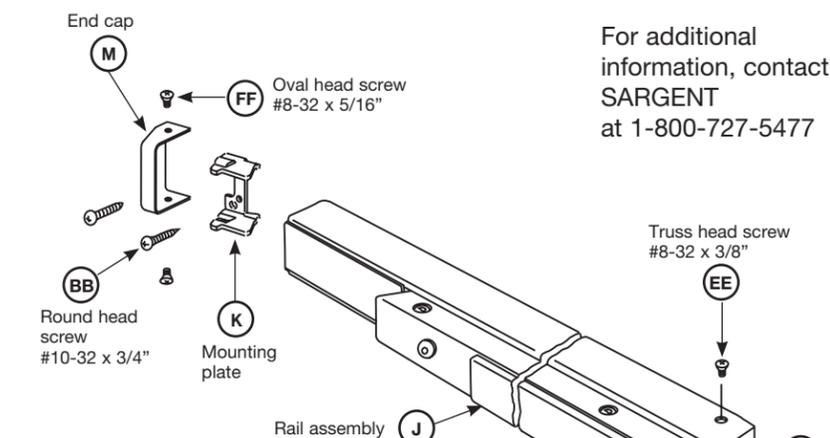
Information for Cutting Rails		
Rail Sizes	Door Widths	
	Max	Min
E	32"	24"
F	36"	33"
J	42"	37"
G	48"	43"

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7) Slide top chassis (E) over top bolt (F). Secure to top of door with (6) screws (AA).

8) Install bottom plate (H) over bottom bolt (G). Secure with (2) screws (DD).



9) Install door into frame using the hinges.

10) Slide rail assembly (J) onto chassis (D).

11) Align holes for screw (EE).

12) Level rail.

13) Locate and mark holes for mounting plate (K).

14) Attach mounting plate (K) to secure rail assembly (J) to door with (2) screws (BB).

15) Tighten screws (CC) to verify that chassis (D) is secure to door.

16) Check the following for proper operation:

- Push rail in to retract bolts.
- Bolts stay retracted (hold back).
- Bolts release when door closes. Button inside top of door hits frame.
- Bolt engagement with strike 1/4" - 5/16".
- Adjust bolts per steps 5A & 5B.

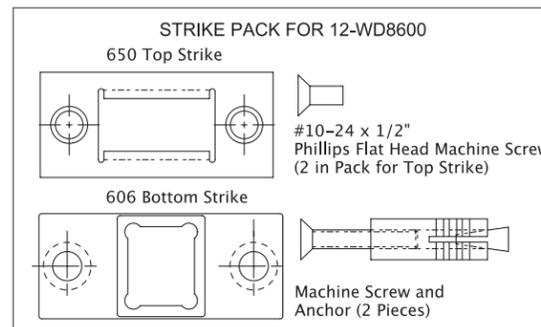
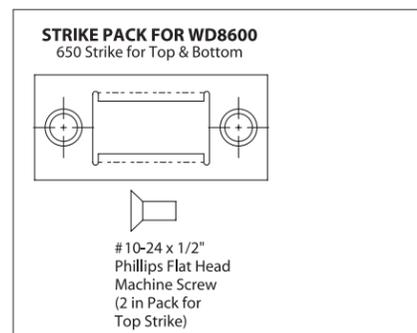
17) Position cover (L) onto chassis (D) and attach with (4) screws (FF).

18) Secure end cap (M) to mounting plate (K) with (2) screws (FF).

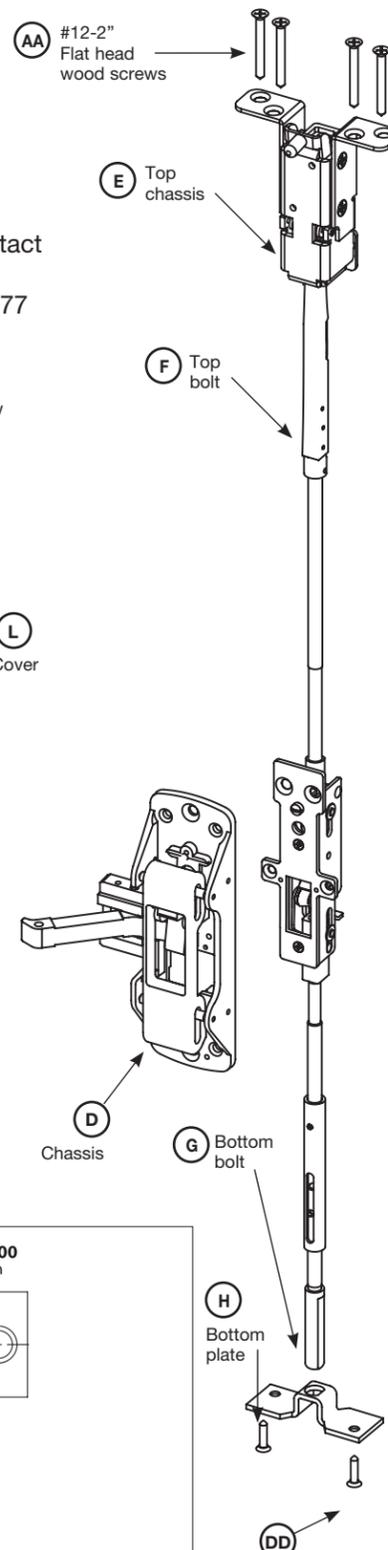
19) Secure rail assembly (J) to chassis (D) with (2) screws (EE).

20A) **For WD8600:** Top & bottom strikes are the 650 strikes. The top strike is attached to frame with two #10-24 x 1/2" machine screws (supplied). The bottom strike is attached with two #10 x 1-1/4" wood screws and rawl plugs (supplied).

20B) **For 12-WD8600:** Top strike is the 650 strike which is attached to frame with two #10-24 x 1/2" machine screws (supplied). The bottom strike is the 606 strike attached with machine screws and anchors (supplied).

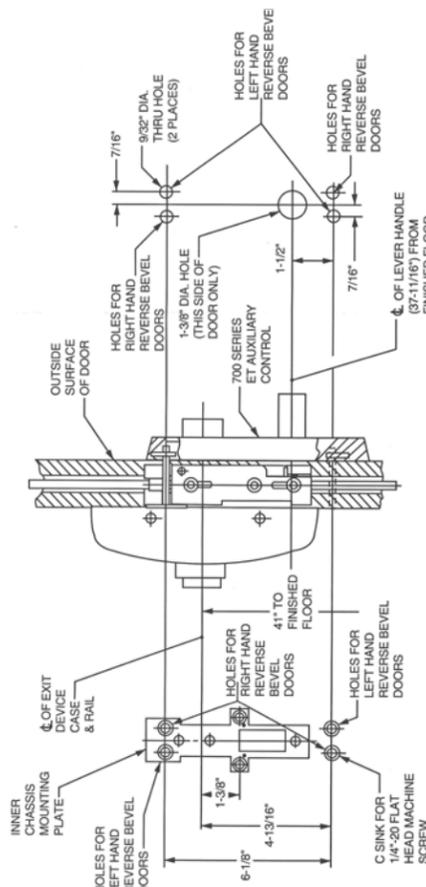


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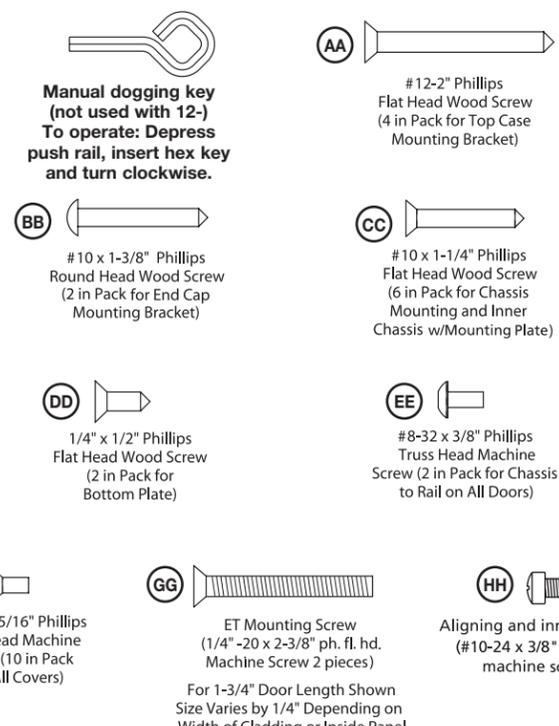


Instructions for SARGENT WD8600, 12-WD8600, NB-WD8600 and NB-12-WB 8600

with 700 Series ET Controls
See other side for 100 Series Auxiliary Control



Follow steps 1, 2 & 3 prior to attaching chassis (D) to door.
The 700-4 Series ET Control needs to be attached through the door with (2) 1/4"-20 x 2-3/8" flat head machine screws (GG) as shown here.
Continue with step 4.



Instructions for Installing SARGENT NB-WD8600 & 12-NB-WD8600 Series Concealed Vertical Rod Exit Device

FOR ASSISTANCE, CALL SARGENT AT 1-800-727-5477.

Verify the correct exit device is being installed on the correct door. Function, finish and size should all be verified.

Note: Before removing door from hinges, determine the gap between top of door and frame.

This information is needed for step #5. Remove door from the frame.

1) Pilot drill as required during installation.

Note: If 100 Series Auxiliary Control is being used, it must be installed at this point. See installation instructions at the far right.

2) Install FILLISTER HEAD screw (HH), inner chassis, as shown

3) Attach inner chassis w/mounting plate (A) to door with (2) screws (CC)

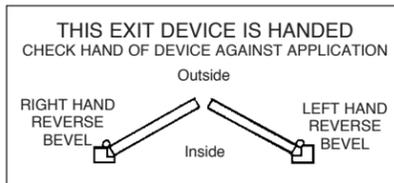
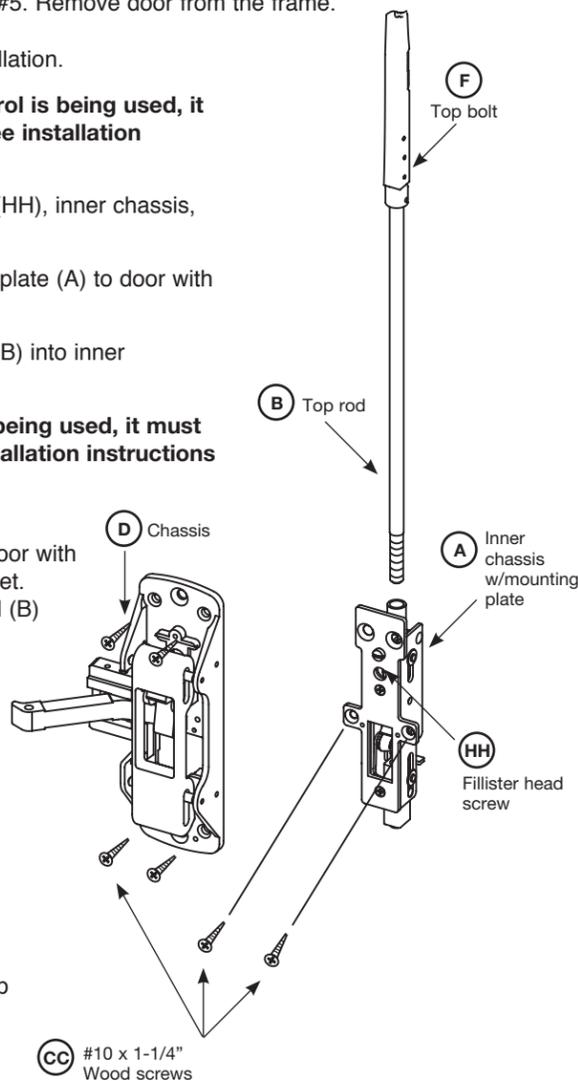
4) From top of door, screw top rod (B) into inner chassis (A).

Note: If 700 Series ET Control is being used, it must be installed at this point. See installation instructions on the other side.

5) Position chassis (D) over fillister head screw (HH) and attach to door with (4) screws (CC). Do not tighten yet. Use chassis (D) to retract top rod (B) to adjust bolt projection.

Note: Bolt & rod must be retracted while adjusting bolt projection. Use chassis (D) to retract top bolt (F) and top rod (B)

6) Adjusting top bolt (F) projection
 1) 1/8" gap or less between door top and frame. Rotate bolt to make even with top of door.
 2) 1/8" gap or greater. Bolt to extend above door equal to gap minus 1/8".

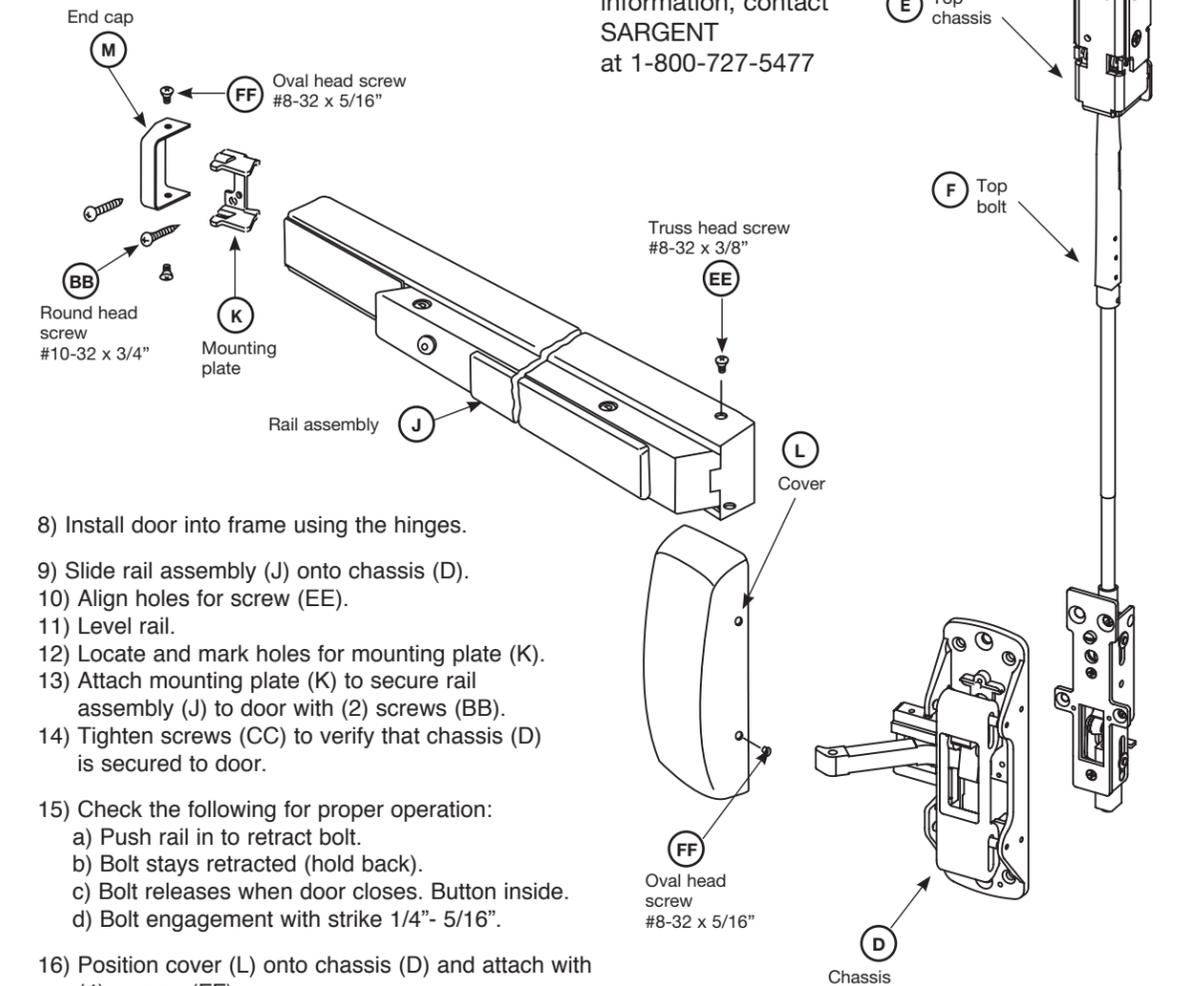


Rail Sizes	Door Widths	
	Max	Min
E	32"	24"
F	36"	33"
J	42"	37"
G	48"	43"

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7) Slide top chassis (E) over top bolt (F). Secure to top of door with (6) screws (AA).



- 8) Install door into frame using the hinges.
- 9) Slide rail assembly (J) onto chassis (D).
- 10) Align holes for screw (EE).
- 11) Level rail.
- 12) Locate and mark holes for mounting plate (K).
- 13) Attach mounting plate (K) to secure rail assembly (J) to door with (2) screws (BB).
- 14) Tighten screws (CC) to verify that chassis (D) is secured to door.
- 15) Check the following for proper operation:
 - a) Push rail in to retract bolt.
 - b) Bolt stays retracted (hold back).
 - c) Bolt releases when door closes. Button inside.
 - d) Bolt engagement with strike 1/4" - 5/16".
- 16) Position cover (L) onto chassis (D) and attach with (4) screws (FF).
- 17) Secure end cap (M) to mounting plate (K) with (2) screws (FF).
- 18) Secure rail assembly (J) to chassis (D) with (2) screws (EE).
- 19) **For NB-WD8600 & 12-NB-WD8600**, 650 top strike is attached to frame with two #10-24 x 1/2" machine screws (supplied).

For additional information, contact SARGENT at 1-800-727-5477

Note: To be fire rated, 12-NB-WD8600 Series Exit Devices require installation of thermal pin.



Instructions for SARGENT WD8600, 12-WD8600, NB-WD8600 and NB-12-WB 8600

with 100 Series Auxiliary Controls

See other side for 700 Series ET Control

Note: For WD100 Series Auxiliary Control, the following steps are required prior to Step #2 of this instruction sheet

STEP 1

Through the cut out for the inner chassis, slide the extension into door with reduced diameter down.

STEP 2

Insert inner chassis in the door cutout and insert reduced end of extension in top threaded bushing on inner chassis. Attach with #8-32 x 7/16" Phillips oval head machine screw.

STEP 3

From the outside of door through the cutout, install plate onto extension.

STEP 4

Attach inner chassis mounting plate to inner chassis with (2) #6-32 x 1/2" flat head screws.

STEP 5

Attach 100 Series Auxiliary Control to door with (2) #10-24 x 2-1/8" oval head machine screws.

