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) Align inner chassis w/mounting plate (A) to door with (2) screws (CC) so that door will be parallel with frame. Determine smallest gap between bottom of door and high point of floor or threshold as door swings.

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 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.

6A) Adjusting top bolt (F) projection.

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), align holes for screw (EE).

11) Align holes for screw (EE).

12) Level rail.

13) Locate and mark holes for mounting plate (K). Attach mounting plate (K) to secure rail assembly (J) with (2) screws (BB). Bolt engagement with strike 1/4" - 5/16". Bolt release when door closes. Button inside top of door hits frame.

14) Attach mounting plate (K) to secure rail assembly (J) with (6) screws (AA).

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

16) Check the following for proper operation:

a) Push rail in to retract bolts.

b) Bolts stay retracted (hold back).

c) Bolts release when door closes. Button inside top of door hits frame.

d) Bolt engagement with strike 1/4" - 5/16".

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 with machine screws and anchors (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).
Instructions for Installing SARGENT NB-WD8600 & 12-NB-WD8600 Series Concealed Vertical Rod Exit Device

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.
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).
5) Position chassis (D) over fillister on the other side.

Note: If 700 Series ET Control is being used, it must be installed at this point. See installation instructions at the far right.
6) Adjusting top bolt (F) projection. Use chassis (D) to retract top bolt (F) and projection. Use chassis (D) to retract top bolt (F) and projection. Use chassis (D) to retract top bolt (F) and projection. Use chassis (D) to retract top bolt (F) and projection.
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 1-1/2" machine screws (supplied).

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

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