

DOREX® Installation Instructions

1901 SERIES DOOR CLOSER WITH SLIDE TRACK ARM (1901SAHO)

CAUTION

AN INCORRECTLY INSTALLED OR IMPROPERLY ADJUSTED DOOR CLOSER CAN CAUSE PROPERTY DAMAGE OR PERSONAL INJURY. THESE INSTALLATION INSTRUCTIONS SHOULD BE FOLLOWED TO AVOID THE POSSIBILITY OF MISAPPLICATION OR MISADJUSTMENT

Document provided as-is, manufacturer reserves the right to make technical changes without prior notice.

This document describes a recommended installation based on common product and industry standards. It is customer's responsibility to determine the validity or suitability of these recommendations for a particular purpose or installation.

Always ensure to properly mount the product using the appropriate mounting hardware for the proper surface material.

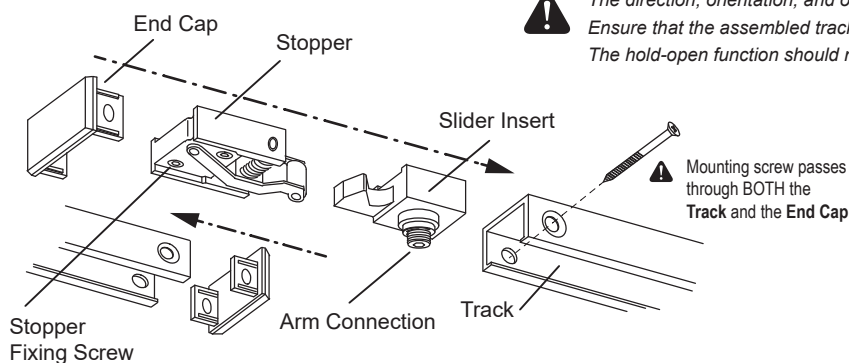
The execution and installation of this product must be done by qualified personnel and follow any and all local regulations which relate to this product.



The direction, orientation, and order in which the track is assembled is important.

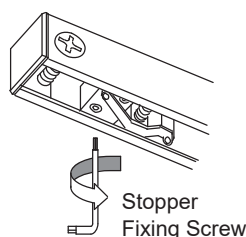
Ensure that the assembled track matches the installation.

The hold-open function should not be installed on fire-rated openings.

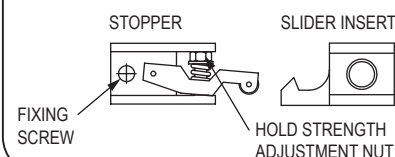


TO ADJUST THE HOLD OPEN OR STOP POSITION:

1. Loosen the fixing screw of the stopper.
2. Open the door to the require angle.
3. Slide the stopper to engage or butt against the Slider Insert.
4. Tighten fixing screw.

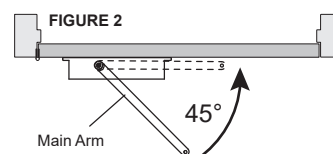
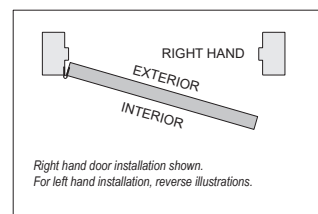
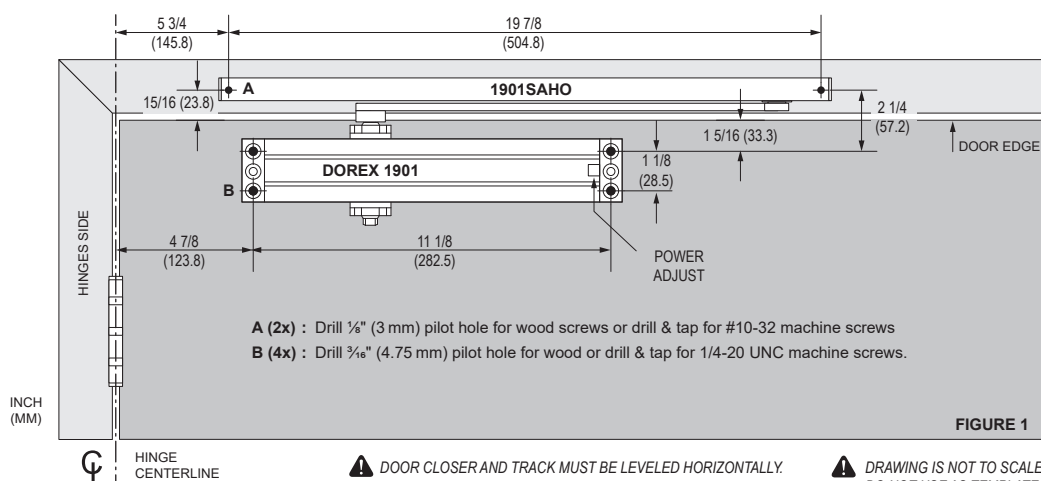


1901SAHO HOLD-OPEN CONFIGURATION NOT TO BE USED ON FIRE RATED DOORS



INSTALLATION IN CONJUNCTION WITH INSTALLATION INSTRUCTIONS PROVIDED WITH DOOR CLOSERS

PULL SIDE – REGULAR OR STANDARD INSTALLATION (MAXIMUM 120° DOOR OPENING)

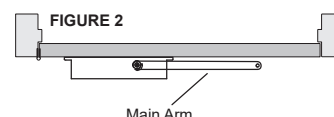
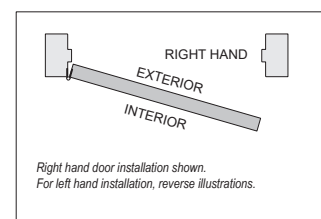
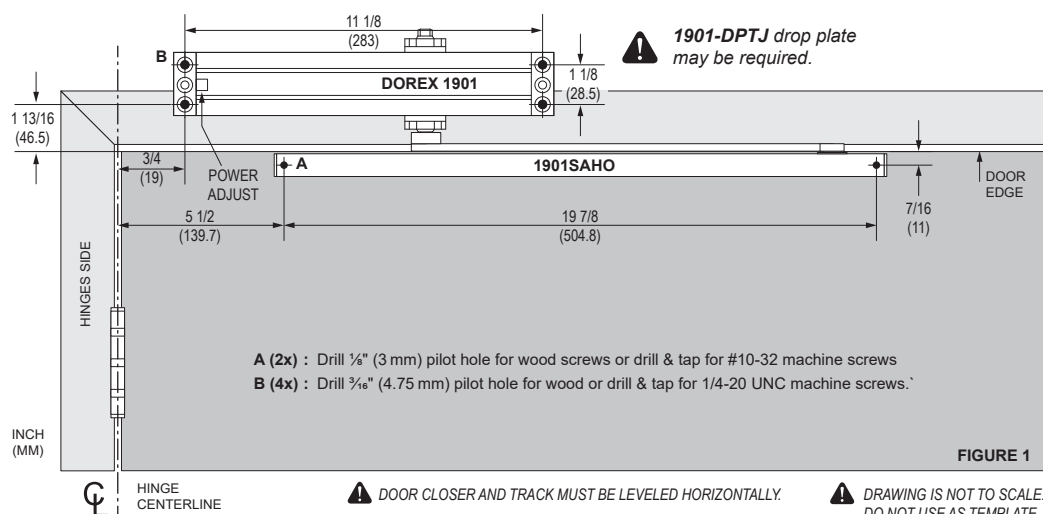


1. Locate door closer and track position using the Figure 1 above.
2. Mark hole positions and drill holes as indicated above.
3. Install door closer to the door using the appropriate fasteners as per supplied instructions with door closer.
The POWER ADJUSTMENT valve of the door closer should be facing AWAY from the hinges.
4. Assemble track stopper (or holder) and slide insert in sequences as indicated above, then fasten to the door frame using supplied screws.
5. Place arm on door closer top pinion at pre-load position (45°) as shown in Figure 2. Then secure with included arm spring washer and socket bolt.
6. Rotate arm until parallel with the door surface, then secure arm end to the slide insert in the track with supplied screw.
7. Open the door to the desired opening angle then slide the stopper (or holder) against the slider insert. Secure the stopper (or holder) into position by tightening the set screw.
8. Release the door and verify operation. Adjust door closer power and closing speeds as indicated on the door closer's installation instructions.

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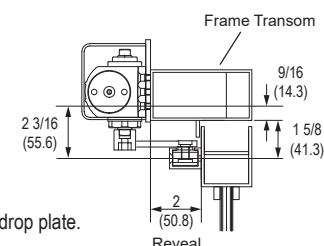
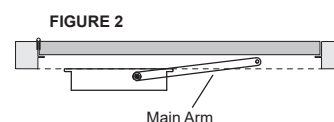
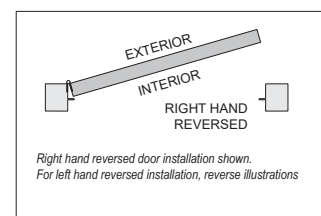
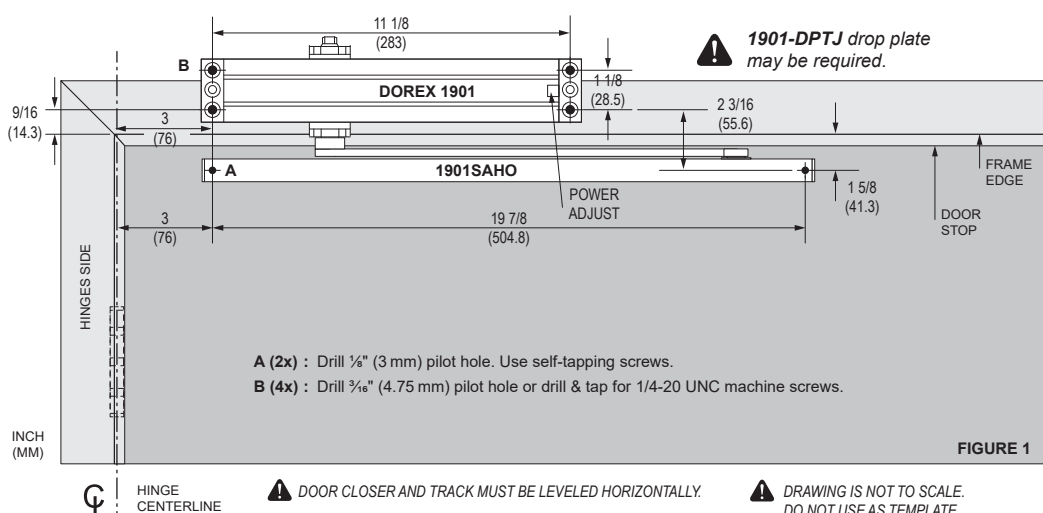
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PULL SIDE – TOP JAMB INSTALLATION (MAXIMUM 120° DOOR OPENING)



1. Locate door closer and track position using the Figure 1 above.
2. Mark hole positions and drill holes as indicated above.
3. Install door closer to the frame (or drop plate) using the appropriate fasteners as per supplied instructions with door closer and/or drop plate.
The POWER ADJUSTMENT valve of the door closer should be facing the hinges.
4. Assemble track stopper (or holder) and slide insert as indicated on page 1, then fasten to the door using supplied wood or machine screws.
5. Place arm on door closer top pinion at pre-load position parallel to the door in Figure 2. Then secure with included arm washer and socket bolt.
6. Rotate arm towards the door, then secure arm end to the slide insert in the track with supplied screw.
7. Open the door to the desired opening angle then slide the stopper (or holder) against the slider insert. Secure the stopper (or holder) into position by tightening the set screw.
8. Release the door and verify operation. Adjust door closer power and closing speeds as indicated on the door closer's installation instructions.

PUSH SIDE – TOP JAMB INSTALLATION (MAXIMUM 110° DOOR OPENING)

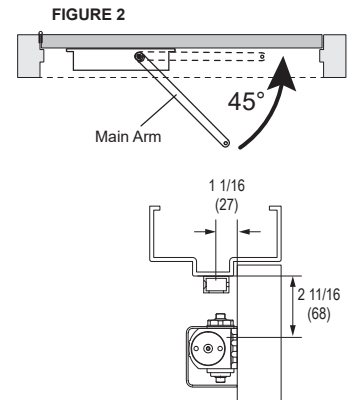
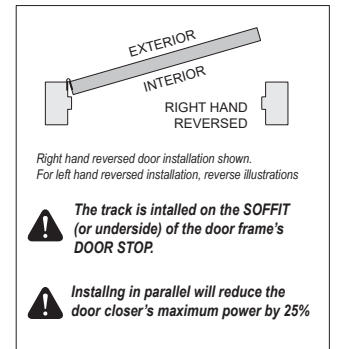
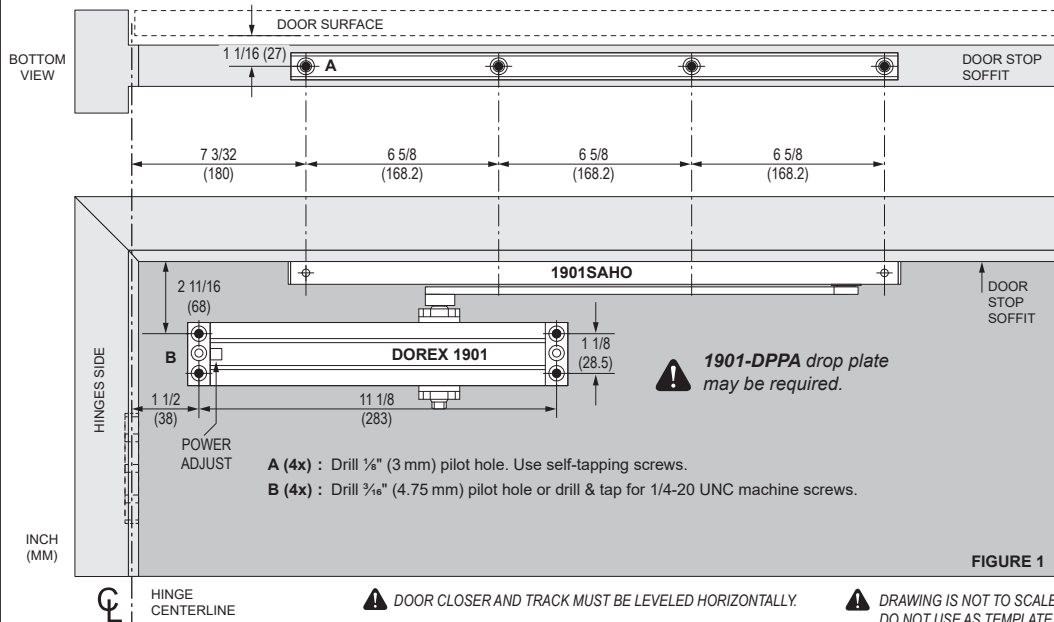


1. Locate door closer and track position using the Figure 1 above.
2. Mark hole positions and drill holes as indicated above.
3. Install door closer to the frame (or drop plate) using the appropriate fasteners as per supplied instructions with door closer or drop plate.
The POWER ADJUSTMENT valve of the door closer should be facing AWAY from the hinges.
4. Assemble track stopper (or holder) and slide insert as indicated on page 1, then fasten to the door using self-tapping screws.
5. Place arm on door closer bottom pinion horizontally as shown in Figure 2. Then secure with included arm washer and screw.
6. Rotate arm towards the door, then secure arm end to the slide insert in the track with supplied screws.
7. Open the door to the desired opening angle then slide the insert (or holder) against the slide insert. Secure the stopper (or holder) into position by tightening the set screw.
8. Release the door and verify operation. Adjust door closer power and closing speeds as indicated on the door closer's installation instructions.

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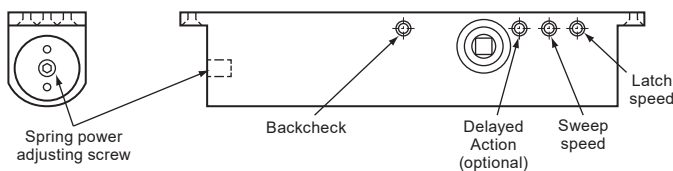
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PUSH SIDE – PARALLEL INSTALLATION (MAXIMUM 90° DOOR OPENING)



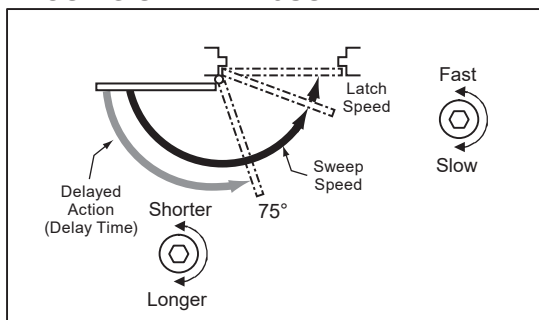
1. Locate door closer and track position using the Figure 1 above.
2. Mark hole positions and drill holes on to door and frame as indicated above.
3. Install door closer to the door (or drop plate) using the appropriate fasteners as per instruction supplied with door closer and/or drop plate.
The POWER ADJUSTMENT valve of the door closer should be facing the hinges.
4. Assemble track stopper (or holder) and slide insert as indicated on page 1, then fasten to the underside of the door stop (soffit) using supplied screws.
5. Place arm on door closer top pinion at pre-load position (45°) as shown in Figure 2. Then secure with included arm washer and screw.
6. Rotate arm towards the door surface, then secure arm end to the slide insert in the track with supplied screw.
7. Open the door to the desired opening angle then slide the stopper (or holder) against the slide insert. Secure the stopper (or holder) into position by tightening the set screw.
8. Release the door and verify operation. Adjust door closer power and closing speeds as indicated on the door closer's installation instructions.

DOREX® 1901 DOOR CLOSER ADJUSTMENT REFERENCE GUIDE



*SEE DOOR CLOSER INSTRUCTIONS FOR DETAILS

CLOSING SPEED ADJUSTMENT



BACKCHECK RANGE / INTENSITY

