

DOREX® Installation Instructions

1701 SERIES DOOR CLOSER WITH SLIDE TRACK ARM (1901SANHO)

CAUTION

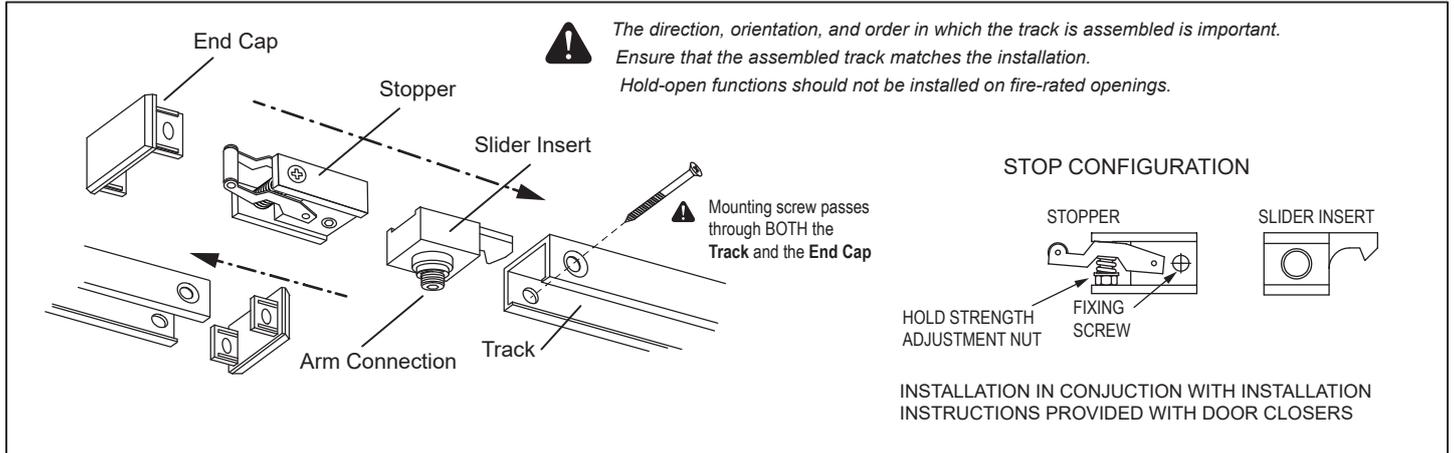
AN INCORRECTLY INSTALLED OR IMPROPERLY ADJUSTED DOOR CLOSER CAN CAUSE PROPERTY DAMAGE OR PERSONAL INJURY. THESE INSTALLATION INSTRUCTIONS SHOULD BE FOLLOWED TO AVOID THE POSSIBILITY OF MISAPPLICATION OR MISADJUSTMENT

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

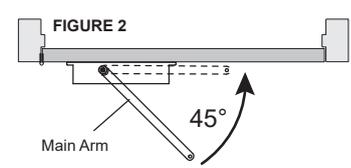
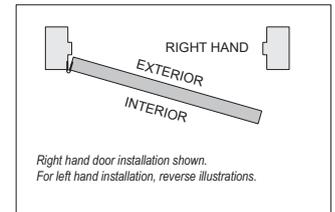
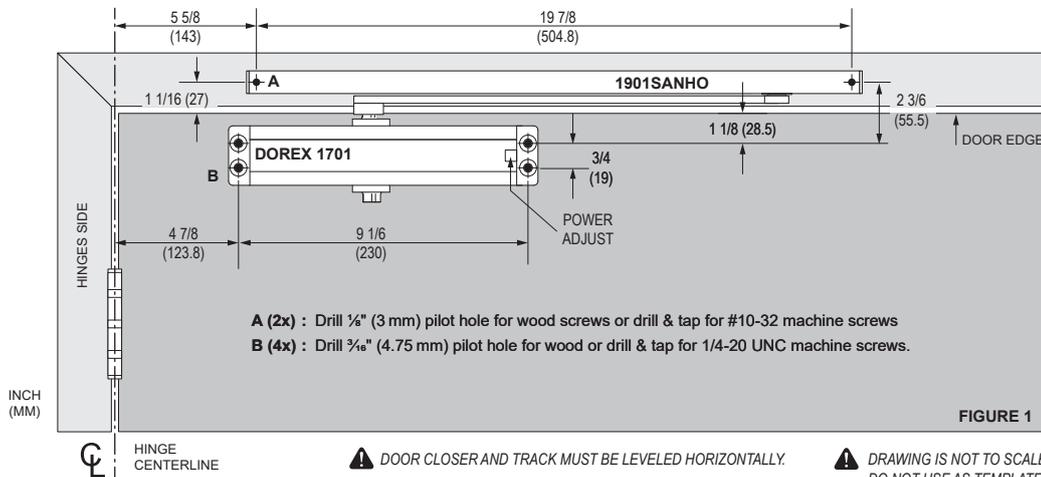
This document describes a recommended installation based on common product and industry standards. It is customer's responsibility to determine the validity or suitability of these recommendations for a particular purpose or installation.

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.



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

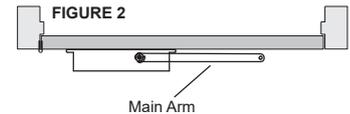
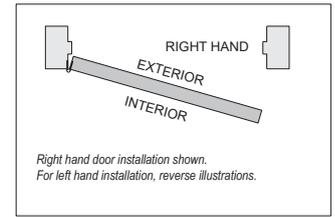
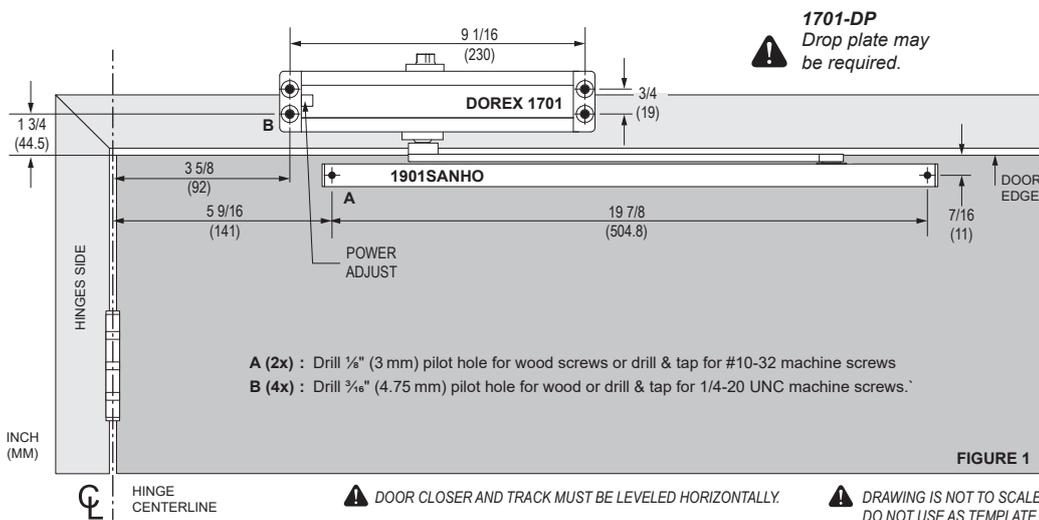


1. Locate door closer and track position using the Figure 1 above.
2. Mark hole positions and drill holes as indicated above.
3. Install door closer to the door using the appropriate fasteners as per supplied instructions with door closer.
⚠ The POWER ADJUSTMENT valve of the door closer should be facing 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.

DOREX® Installation Instructions

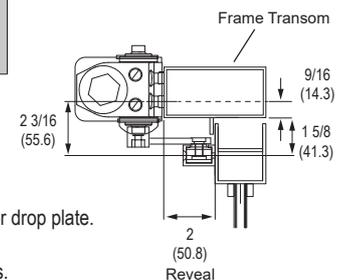
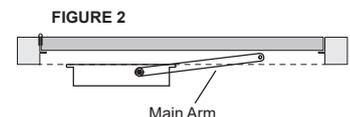
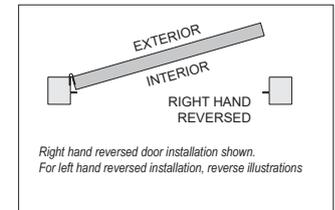
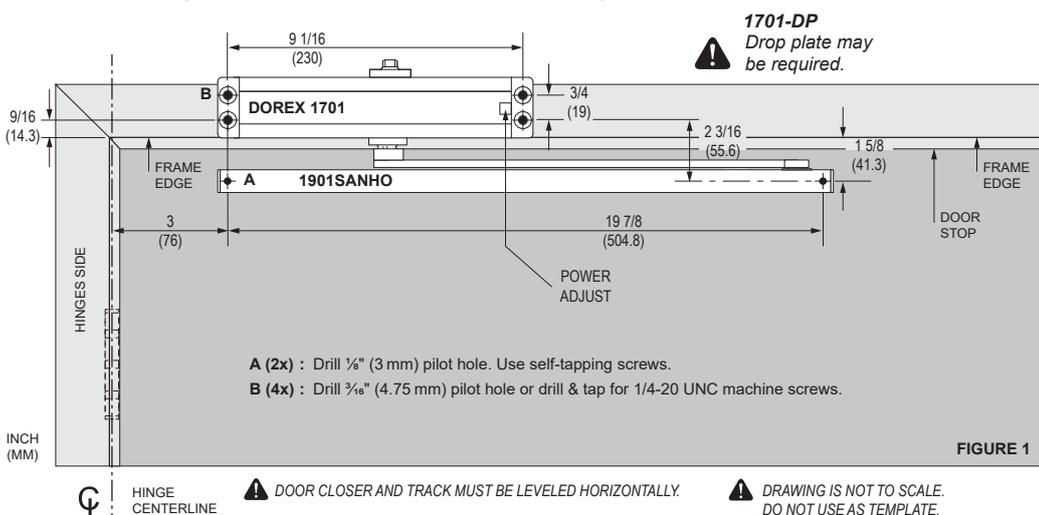
1701 SERIES DOOR CLOSER WITH SLIDE TRACK ARM (1901SANHO)

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.

DOREX® Installation Instructions

1701 SERIES DOOR CLOSER WITH SLIDE TRACK ARM (1901SANHO)

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

FIGURE 1

A (4x) : Drill 1/8" (3 mm) pilot hole. Use self-tapping screws.
B (4x) : Drill 3/16" (4.75 mm) pilot hole or drill & tap for 1/4-20 UNC machine screws.

FIGURE 2

Right hand reversed door installation shown.
For left hand reversed installation, reverse illustrations.

! The track is installed on the SOFFIT (or underside) of the door frame's DOOR STOP.

! Installing in parallel will reduce the door closer's maximum power by 25%.

FIGURE 2

Main Arm 45°

1 1/16 (27)

2 11/16 (68)

FIGURE 1

DOOR SURFACE

DOOR STOP SOFFIT

1 1/16 (27)

4 1/4 (108)

6 5/8 (168.2)

6 5/8 (168.2)

6 5/8 (168.2)

DOOR STOP SOFFIT

DOREX 1701

1901SANHO

2 11/16 (68)

3/4 (19)

1 1/2 (38)

9 1/16 (230)

POWER ADJUST

HINGES SIDE

DOOR STOP SOFFIT

1701-DPPA Drop plate may be required.

INCH (MM)

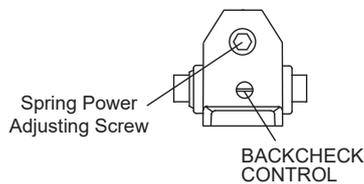
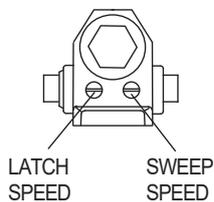
HINGE CENTERLINE

! DOOR CLOSER AND TRACK MUST BE LEVELED HORIZONTALLY.

! DRAWING IS NOT TO SCALE. DO NOT USE AS TEMPLATE.

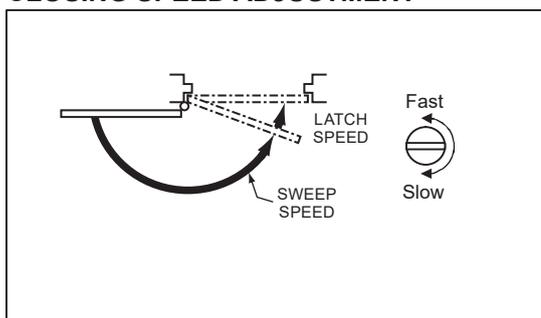
1. Locate door closer and track position using the Figure 1 above.
2. Mark hole positions and drill holes on to door and frame as indicated above.
3. Install door closer to the door (or drop plate) using the appropriate fasteners as per instruction supplied with door closer and/or drop plate.
The POWER 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® 1701 DOOR CLOSER ADJUSTMENT REFERENCE GUIDE



*SEE DOOR CLOSER INSTRUCTIONS FOR DETAILS

CLOSING SPEED ADJUSTMENT



BACKCHECK RANGE / INTENSITY

