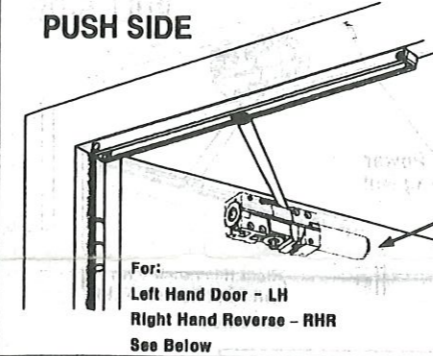


This sheet covers 3 installation options. Select appropriate installation.
 All measurements are to be made manually.
 Diagram measurements are for reference only (NOT TO SCALE!).

7100TA/TAHO Series
 Slide Track Door Closer
 Push Side - Stop Mounted Track
 Maximum Door Opening 120°
 (Conditions Permitting)

Installation Instructions **PUSH SIDE-STOP MOUNTED TRACK**

PUSH SIDE



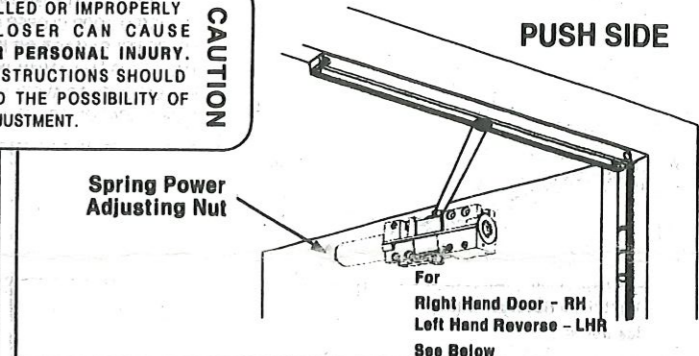
For:
 Left Hand Door - LH
 Right Hand Reverse - RHR
 See Below

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.

CAUTION

PUSH SIDE



Spring Power Adjusting Nut

For:
 Right Hand Door - RH
 Left Hand Reverse - LHR
 See Below

★ INSTALLATION INSTRUCTIONS

1 Use diagram to locate holes on door and frame:
 Drill (4X) on frame stop for track assembly. **Track to Stop**
 Metal: Use # 21 or 5/32" drill & 10-32 tap
 Wood: Use 1/8" pilot drill
 Drill (4X) on door for closer body. **Closer to Door**
 Metal: Use # 7 or 13/64" drill & 1/4"-20 tap
 Wood: Use 5/32" pilot drill
 Sex Nuts: Use 3/8" drill (door only)

Inches (mm)

Frame dimensions: 4, 7-11/64, 7-3/32, 7-11/64, 182, 180, 182, 4

Door dimensions: 2-1/8 (54), 2-1/4 (57), 25, 127, 5, 102, 25, 4

2 **Hold Open:** Install Slider, Hold Open & End cap in direction/sequence shown.
Non-Hold Open: Install Slider & End cap in sequence shown.

CAUTION
 FOLLOW DIRECTION and SEQUENCE

3 Install closer body to door using four (4) screws provided. Install track to frame stop using four (4) screws provided. Insert two (2) filler plugs in front of track.

Labels: Hold Open (OPTIONAL), Track assembly, Slider, Filler Plugs, Body, Spring adjustment points toward latch edge of door.

Push Side

4 Use wrench to rotate pinion shaft 30° toward hinges, (see Figure 1) & secure main arm to pinion as shown. Attach Slider to main arm with bolt provided, (see Figure 2).

Figure 1: 30° rotation of pinion shaft.

Figure 2: Slider attached to main arm.

5 **OPTIONAL HOLD OPEN**
 Engage slider into hold open. Open door to desired hold open angle. Secure Hold Open with set screw. Complete all spring and closer adjustments (see page 3). Secure cover with screws provided. Separate limiting door stop REQUIRED!

★ INSTALLATION INSTRUCTIONS

1 Use diagram to locate holes on door and frame:
 Drill (4X) on frame stop for track assembly. **Track to Stop**
 Metal: Use # 21 or 5/32" drill & 10-32 tap
 Wood: Use 1/8" pilot drill
 Drill (4X) on door for closer body. **Closer to Door**
 Metal: Use # 7 or 13/64" drill & 1/4"-20 tap
 Wood: Use 5/32" pilot drill
 Sex Nuts: Use 3/8" drill (door only)

Inches (mm)

Frame dimensions: 182, 180, 182, 102, 4

Door dimensions: 2-1/8 (54), 2-1/4 (57), 25, 127, 102, 4, 5

2 **Hold Open:** Install Slider, Hold Open & Side cap in direction/sequence shown.
Non-Hold Open: Install Slider & End cap in sequence shown.

CAUTION
 FOLLOW DIRECTION and SEQUENCE

3 Install closer body to door using four (4) screws provided. Install track to frame stop using four (4) screws provided. Insert two (2) filler plugs in front of track.

Labels: Filler Plugs, Track assembly, Slider, Hold Open (OPTIONAL), Body, Spring adjustment points toward latch edge of door.

Push Side

4 Use wrench to rotate pinion shaft 30° toward hinges, (see Figure 1) & secure main arm to pinion as shown. Attach Slider to main arm with bolt provided, (see Figure 2).

Figure 2: 30° rotation of pinion shaft.

Figure 1: Slider attached to main arm.

5 **OPTIONAL HOLD OPEN**
 Engage slider into hold open. Open door to desired hold open angle. Secure Hold Open with set screw. Complete all spring and closer adjustments (see page 3). Secure cover with screws provided. Separate limiting door stop REQUIRED!

Installation Instructions

PULL SIDE-DOOR MOUNTED TRACK

7100TA/TAHO Series
Slide Track Door Closer
Pull Side - Stop Mounted Track
Maximum Door Opening 180°
(Conditions Permitting)

PULL SIDE

For:
Left Hand Door - LH
Right Hand Reverse - RHR
See Below

Spring Power Adjusting Nut

PULL SIDE

For:
Right Hand Door - RH
Left Hand Reverse - LHR
See Below

Spring Power Adjusting Nut

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.

★ INSTALLATION INSTRUCTIONS

1 Use diagram to locate holes on door and frame:
Drill (4X) on door for closer body.
Drill (2X) on frame stop for track assembly.

Closer to Frame
Metal: Use # 7 or 13/64" drill & 1/4"-20 tap
Wood: Use 5/32" pilot drill

Track to Door
Metal: Use # 21 or 5/32" drill & 10-32 tap
Wood: Use 1/8" pilot drill

★ INSTALLATION INSTRUCTIONS

1 Use diagram to locate holes on door and frame:
Drill (4X) on door for closer body.
Drill (2X) on frame stop for track assembly.

Closer to Frame
Metal: Use # 7 or 13/64" drill & 1/4"-20 tap
Wood: Use 5/32" pilot drill

Track to Door
Metal: Use # 21 or 5/32" drill & 10-32 tap
Wood: Use 1/8" pilot drill

2 Hold Open: Install Slider, Hold Open & End cap in direction/sequence shown.

Non-Hold Open: Install Slider & End cap in sequence shown.

CAUTION FOLLOW DIRECTION and SEQUENCE

2 Hold Open: Install Slider, Hold Open & End cap in direction/sequence shown.

Non-Hold Open: Install Slider & End cap in sequence shown.

CAUTION FOLLOW DIRECTION and SEQUENCE

3 Install closer body to frame using four (4) screws provided. Install track to door using two (2) screws provided. Insert four (4) filler plugs in underside of track.

Body
Spring adjustment points toward latch edge of door.
Hold Open (OPTIONAL)
Track assembly
Slider
Filler Plugs

3 Install closer body to frame using four (4) screws provided. Install track to door using two (2) screws provided. Insert four (4) filler plugs in underside of track.

Body
Spring adjustment points toward latch edge of door.
Filler Plugs
Slider
Track assembly
Hold Open (OPTIONAL)

4 Use wrench to rotate pinion shaft 30° toward hinges, (see Figure 1) & secure main arm to pinion as shown. Attach slider to main arm with bolt provided, (see Figure 2).

Figure 1
Figure 2

4 Use wrench to rotate pinion shaft 30° toward hinges, (see Figure 1) & secure main arm to pinion as shown. Attach slider to main arm with bolt provided, (see Figure 2).

Figure 1
Figure 2

5 OPTIONAL HOLD OPEN
Engage slider into hold open. Open door to desired hold open angle. Secure Hold Open with set screw. Complete all spring and closer adjustments (see page 3). Secure cover with screws provided. Separate limiting door stop REQUIRED!

5 OPTIONAL HOLD OPEN
Engage slider into hold open. Open door to desired hold open angle. Secure Hold Open with set screw. Complete all spring and closer adjustments (see page 3). Secure cover with screws provided. Separate limiting door stop REQUIRED!

Installation Instructions

PULL SIDE, FRAME MOUNTED TRACK

7100TA/TAHO Series
Slide Track Door Closer
Pull Side - Stop Mounted Track
Maximum Door Opening 120°
(Conditions Permitting)

PULL SIDE

For:
Right Hand Door - RH
Left Hand Reverse - LHR
See Below

Spring Power Adjusting Nut

PULL SIDE

For:
Left Hand Door - LH
Right Hand Reverse - RHR
See Below

Spring Power Adjusting Nut

★ INSTALLATION INSTRUCTIONS

1 Use diagram to locate holes on door and frame:
Drill four (4X) on door for closer body.
Drill (2X) on frame for track assembly.

Track to Frame
Metal: Use # 21 or 5/32" drill & 10-32 tap
Wood: Use 1/8" pilot drill

Closer to door
Metal: Use # 7 or 13/64" drill & 1/4"-20 tap
Wood: Use 5/32" pilot drill
Sex Nuts: Use 3/8" drill (door only)

★ INSTALLATION INSTRUCTIONS

1 Use diagram to locate holes on door and frame:
Drill four (4X) on door for closer body.
Drill (2X) on frame for track assembly.

Track to Frame
Metal: Use # 21 or 5/32" drill & 10-32 tap
Wood: Use 1/8" pilot drill

Closer to door
Metal: Use # 7 or 13/64" drill & 1/4"-20 tap
Wood: Use 5/32" pilot drill
Sex Nuts: Use 3/8" drill (door only)

2 Hold Open: Install Slider, Hold Open & End cap in direction/sequence shown.

Non-Hold Open: Install Slider & End cap in sequence shown.

CAUTION FOLLOW DIRECTION and SEQUENCE

2 Hold Open: Install Slider, Hold Open & End cap in direction/sequence shown.

Non-Hold Open: Install Slider & End cap in sequence shown.

CAUTION FOLLOW DIRECTION and SEQUENCE

3 Install closer body to door using four (4) screws provided. Install track to frame using two (2) screws provided. Insert four (4) filler plugs in top of track.

Hold Open (Optional)
Slider
Track assembly
Body
Filler Plugs
Spring adjustment points toward hinges.

3 Install closer body to door using four (4) screws provided. Install track to frame using two (2) screws provided. Insert four (4) filler plugs in top of track.

Slider
Hold Open (Optional)
Filler Plugs
Track assembly
Body
Spring adjustment points toward hinges.

4 Use wrench to rotate pinion shaft 30° toward hinges, (see Figure 1) & secure main arm to pinion as shown. Attach slider to main arm with bolt provided, (see Figure 2).

Figure 1
Figure 2

4 Use wrench to rotate pinion shaft 30° toward hinges, (see Figure 1) & secure main arm to pinion as shown. Attach slider to main arm with bolt provided, (see Figure 2).

Figure 2
Figure 1

5 OPTIONAL HOLD OPEN
Engage slider into hold open. Open door to desired hold open angle. Secure Hold Open with set screw. Complete all spring and closer adjustments (see page 3). Secure cover with screws provided. Separate limiting door stop REQUIRED!

5 OPTIONAL HOLD OPEN
Engage slider into hold open. Open door to desired hold open angle. Secure Hold Open with set screw. Complete all spring and closer adjustments (see page 3). Secure cover with screws provided. Separate limiting door stop REQUIRED!

CLOSER ADJUSTMENT

SWEEP SPEED
LATCH SPEED
Optional DELAYED ACTION
Spring Power Adjusting Nut
BACKCHECK CONTROL

Closing cycle

Fast
Slow

Four (4) to six (6) second closing time is typical. Do not allow to slam! Injury could occur!

Opening cycle

Decrease
Increase

Do not completely close BC valve.