

Stanley Access Technologies
Quick-Reference Guide



Dura-Glide™ 7500-, 7500TL, and 7500TLFBO-Series

Installation Instructions

Quick-Reference Guide

203850

Rev. B, 2/26/02

Prohibition on Copying

Any unauthorized reproduction, disclosure or distribution of copies by any person of any portion of this work may be a violation of copyright law of the United States of America and other countries, could result in the awarding of statutory damages of up to \$250,000 (17 USC 504) for infringement, and may result in further civil and criminal penalties. All rights reserved.

Quick-Reference Guide

TABLE OF CONTENTS

1. PURPOSE.....	2
1.1 Discussion.....	2
1.2 Applicability.....	2
2. PREREQUISITES.....	2
3. INSTALLATION INSTRUCTIONS.....	3
3.1 Checking the Rough Opening.....	3
3.2 Attaching the Header to the Jambs.....	3
3.3 Installing the Header and Jamb Assembly.....	4
3.4 Installing the Threshold/Track (7500-Series Doors Only).....	6
3.5 Installing the Floor Pivots (7500TLFBO-Series Doors Only).....	7
3.6 Installing the Keystrips (7500TL-Series Doors Only).....	8
3.7 Installing the O Panels (7500TL-Series Doors Only).....	9
3.8 Installing the SO Panel (7500 and 7500TLFBO-Series Doors Only).....	10
3.9 Installing the Slow and Fast SX Panels (7500-Series Doors Only).....	12
3.10 Installing the X and SX Panels (7500TL-Series Doors Only).....	15
3.11 Installing the Cantilever Assembly on the Slow SX Panel (7500TLFBO-Series Doors Only).....	18
3.12 Installing the Slow and Fast SX Panels (7500TLFBO-Series Doors Only).....	18
3.13 Installing the Bumper Stops (7500TLFBO-Series Doors Only).....	21
3.14 Installing the Fast Panel Grounding Strip (TLFBO-Series Doors Only).....	22
3.15 Installing the X Panel or Slow SX Panel Grounding Strip.....	23
3.16 Adjusting SX Panel Sag Following Installation of Glass.....	24
3.17 Installing the Friction Door Holder Assembly.....	25
3.18 Installing the Header Cover Latch.....	26
3.19 Closeout Procedure.....	27
3.20 Replacement Parts.....	27
<u>Attachments</u>	
Attachment 1, Documents, Definitions, Special Tools, Equipment, Materials, and Consumables.....	28
Attachment 2, General Package Data.....	29
Attachment 3, 7500-, 7500TL-, and 7500TLFBO-Series Replacement Parts.....	30

1. PURPOSE

1.1 **Discussion**

This manual provides installation instructions and a replacement parts listing for the Stanley Dura-Glide 7500-, 7500TL-, and 7500TLFBO-series sliding door packages.

Each of the three door series is available in a 3-panel and 6-panel configuration. The 7500-series package includes a threshold/track. The 7500TL and 7500TLFBO use bottom guides in place of a threshold track. Additionally, the 7500TLFBO offers a full breakout feature. Attachment 2 provides dimensional information for each of the door packages.

Attachment 3 provides exploded view illustrations of the 7500-, 7500TL-, and 7500TLFBO-series door packages along with replacement parts information.

1.2 **Applicability**

This manual is applicable to the Stanley Dura-Glide 7500-, 7500TL-, and 7500TLFBO-series sliding door systems. Some sections of the manual are peculiar to one or more door series. In these cases, the series covered is identified in the section heading. If no particular door series is identified in the section heading, the section applies to all three door series.

This manual does not cover components installed/manufactured by other companies.

2. PREREQUISITES

- 2.1 Protective barrier (caution/warning tape) has been set up to prevent unauthorized access to work area.
- 2.2 The packing list has been reviewed, and all required parts are included.
- 2.3 Attachment 1 has been reviewed for a listing of the special tools and equipment, materials, and consumables used in this procedure.

3. INSTALLATION INSTRUCTIONS

3.1 **Checking the Rough Opening**

- 3.1.1 SWEEP floor.
- 3.1.2 ENSURE floor is level across the *entire* opening.

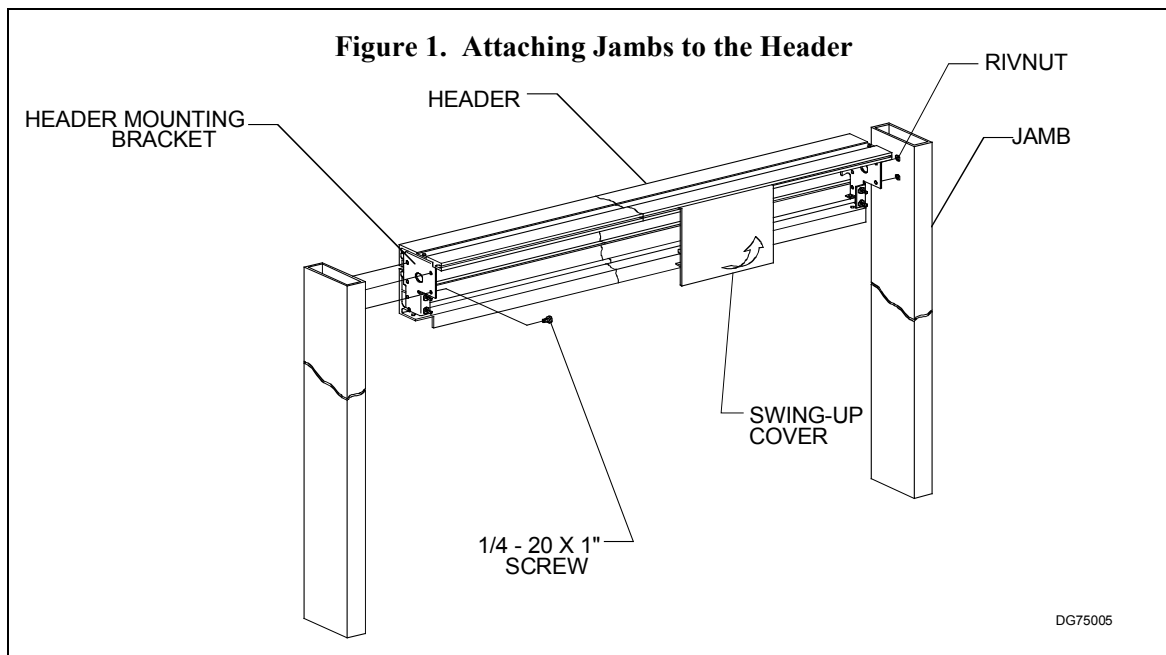
NOTE

Opening width should be package width plus $\frac{1}{2}$ " ($\frac{1}{4}$ " each side for shim and caulk clearance). This clearance can be as small as $\frac{1}{8}$ " for a tight appearance with the aluminum storefront construction.

- 3.1.3 CHECK opening width.
- 3.1.4 CHECK opening height from *finished* floor.
- 3.1.5 Refer to Attachment 2 as applicable, and ENSURE opening width and height are sufficient for door package.

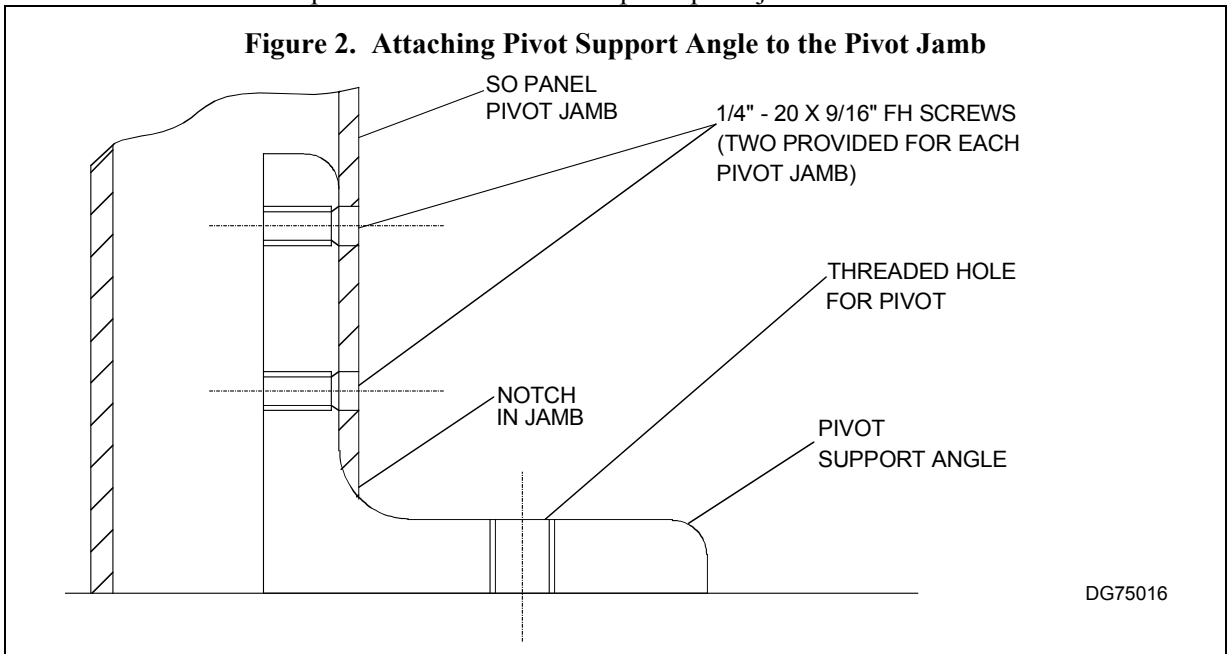
3.2 **Attaching the Header to the Jamb**

- 3.2.1 REMOVE jamb inserts.
- 3.2.2 Refer to Figure 1, and, using four $\frac{1}{4}$ -20 x 1" screws, FASTEN the header assembly to the factory-mounted rivnuts in jamb.



3.3 Installing the Header and Jamb Assembly

3.3.1 IF door is a 7500TLFBO-series, refer to Figure 2, and FASTEN the pivot support angle to the predrilled holes in the SO panel pivot jamb.



3.3.2 LIFT header and jamb assembly into the opening, and POSITION assembly as follows:

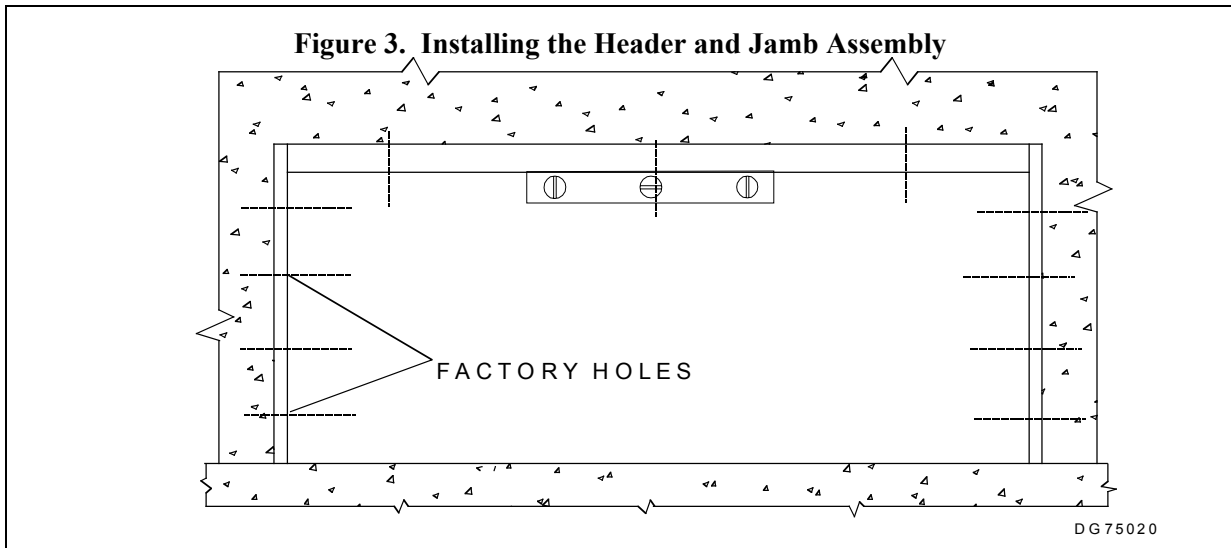
- IF door is a 7500- or 7500TLFBO-series, ENSURE header cover faces *interior*.
- IF door is a 7500TL-series, ENSURE header cover faces *exterior*.

3.3.3 Temporarily SECURE door in place as necessary to prevent header and jamb assembly from falling.

3.3.4 SHIM beneath jamb(s) as necessary to level header and maintain required height from highest point of finished floor.

3.3.5 INSPECT one jamb for plumb in vertical and horizontal planes. IF required, SHIM back of jamb.

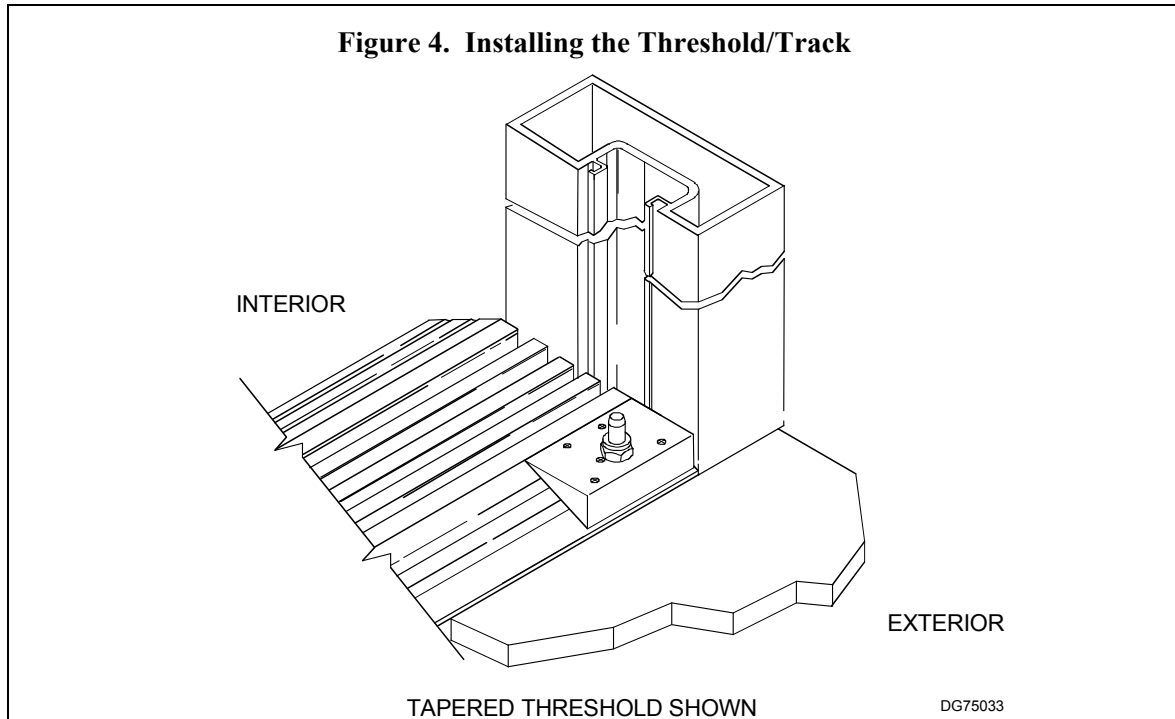
- 3.3.6 Refer to Figure 3, and, using the pre-drilled jamb holes as a guide, DRILL holes in rough opening for the following fasteners as required:
- IF rough opening is concrete, DRILL a ¼" dia. hole for concrete screw, and ENSURE screw will be embedded 1½" minimum.
 - IF rough opening is steel, DRILL for a #14 SMS (Note 18 GA steel minimum).
 - IF rough opening is wood, DRILL for a #14 wood screw, and ENSURE screw will be embedded 1½" minimum.



- 3.3.7 INSTALL, but do *not* tighten, fasteners securing one jamb to opening, and ENSURE jamb remains plumb.
- 3.3.8 INSPECT opposite jamb for plumb in vertical and horizontal planes. IF required, SHIM back of jamb.
- 3.3.9 Using the pre-drilled jamb holes as a guide, DRILL holes in rough opening.
- 3.3.10 INSTALL, but do *not* tighten, fasteners securing second jamb to opening, and ENSURE jamb remains plumb.
- 3.3.11 Starting at the top of jamb and moving downward, SHIM jambs as necessary to ensure jambs remain level and plumb, and TIGHTEN fasteners securing jambs to opening.
- 3.3.12 INSTALL and TIGHTEN fasteners securing header to opening, and ENSURE header remains level.
- 3.3.13 INSTALL jamb inserts into jamb.

3.4 Installing the Threshold/Track (7500-Series Doors Only)

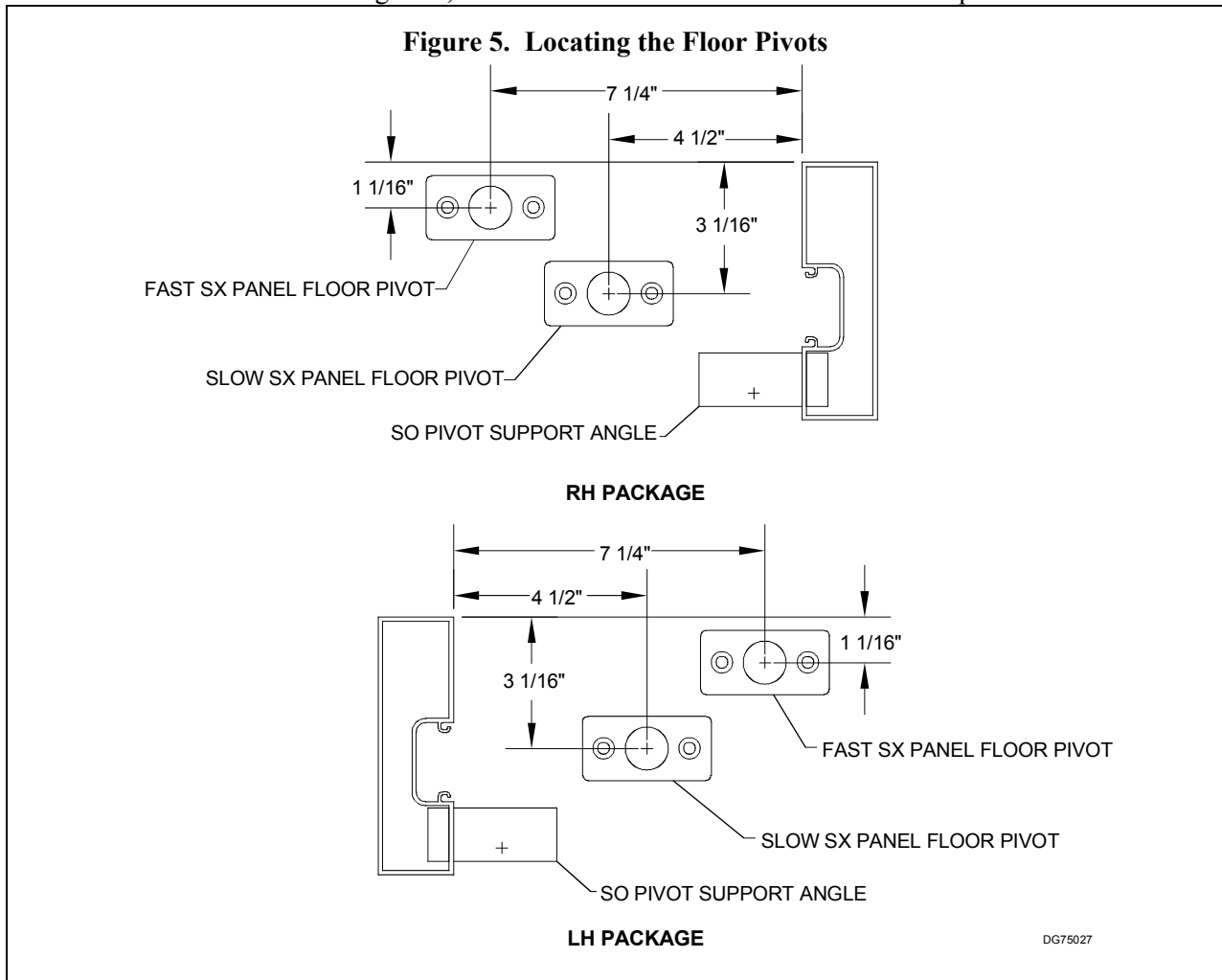
- 3.4.1 At the exterior side of the opening, **MARK** a chalk line on the floor from one jamb to the other.
- 3.4.2 Refer to Figure 4, and **POSITION** threshold/track on floor.
- 3.4.3 On the exterior side of the opening, and **ENSURE** threshold/track is butted against the jamb and level.



- 3.4.4 Using the predrilled holes in the threshold/track as a guide, **DRILL** through-holes into the floor.
- 3.4.5 **FASTEN** the threshold/track to the floor, and, using shims as necessary, **ENSURE** the threshold/track remains level.

3.5 Installing the Floor Pivots (7500TLFBO-Series Doors Only)

3.5.1 Refer to Figure 5, and DETERMINE the location for the floor pivots.

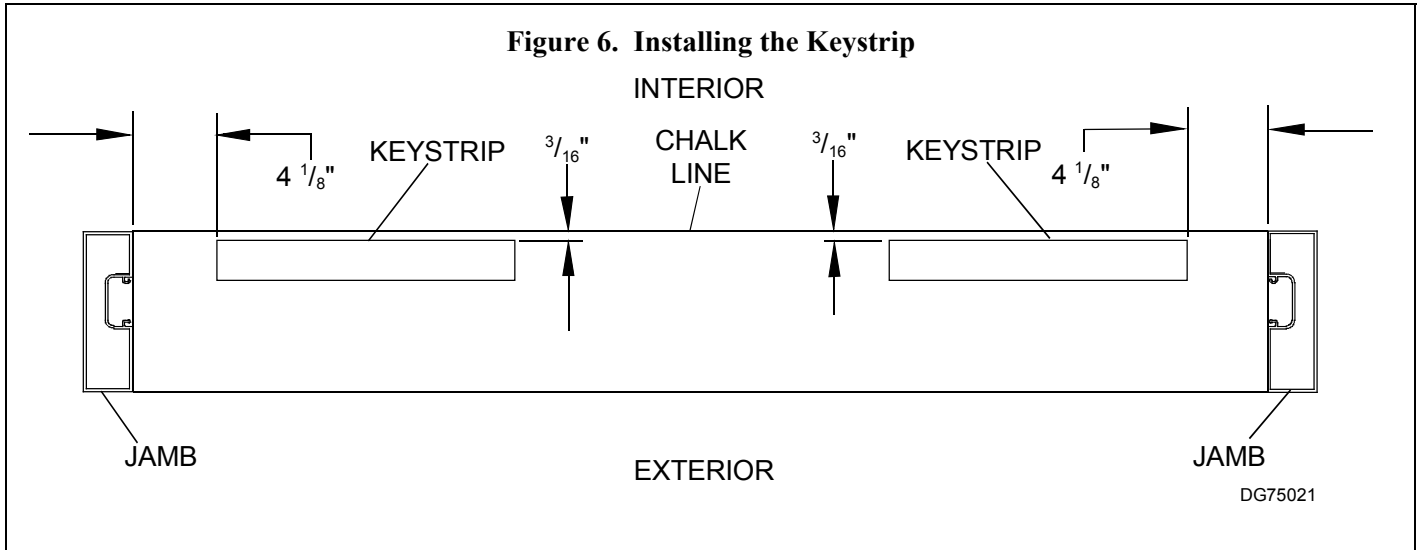


3.5.2 Using the holes in the floor pivots as guides, DRILL $\frac{1}{2}$ " diameter, 1" deep holes into floor for $\frac{1}{4}$ " -20 shields.

3.5.3 Using the $\frac{1}{4}$ " -20 x 1" FH screws provided, FASTEN the floor pivots to the floor.

3.6 Installing the Keystrips (7500TL-Series Doors Only)

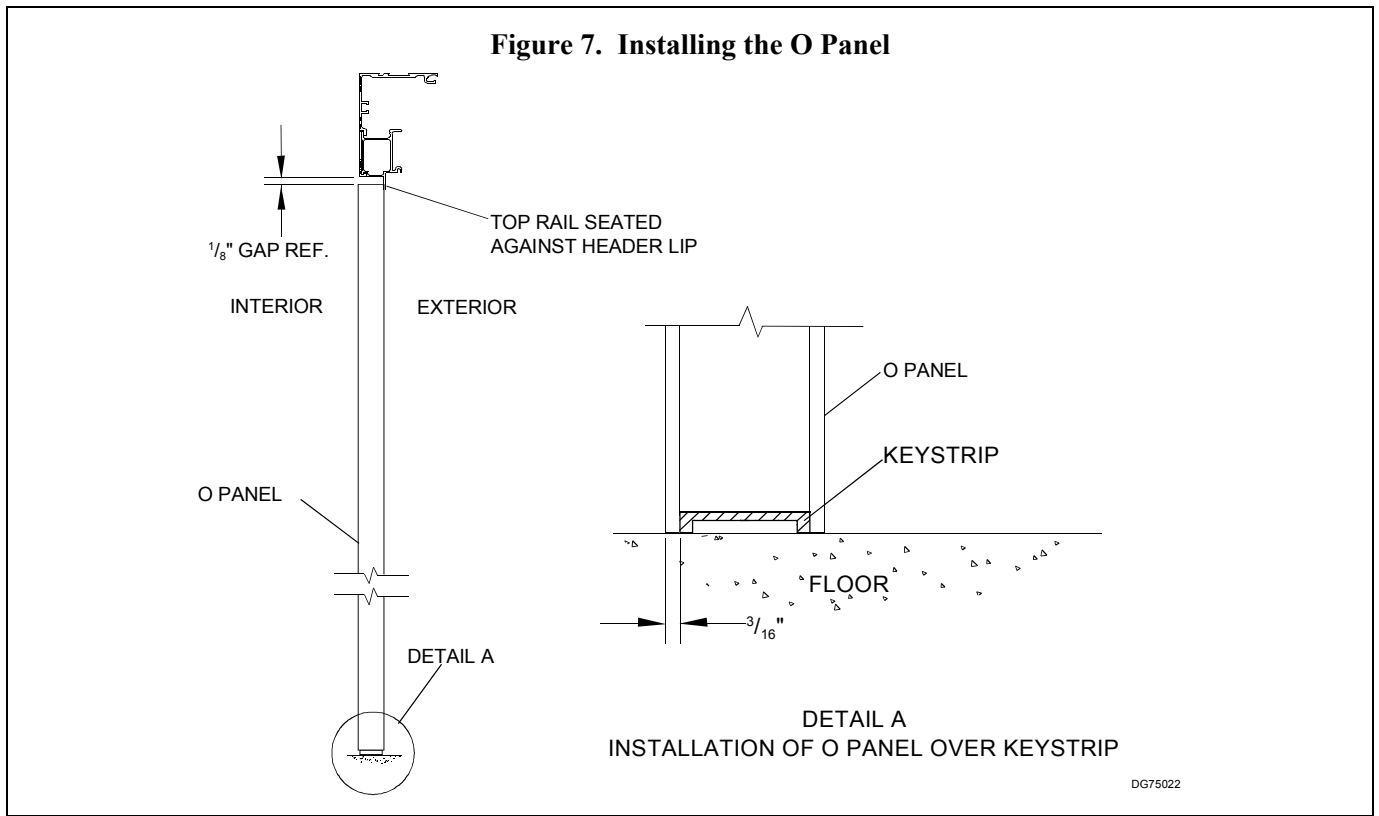
- 3.6.1 Refer to Figure 6, and, on the interior side of the opening, SNAP a chalk line from one jamb to the other.



- 3.6.2 MEASURE back (toward exterior) $\frac{3}{16}$ " from chalk line, and MARK location.
- 3.6.3 POSITION side edges of keystrips at marked location and ends of keystrips $4 \frac{1}{8}$ " from each jamb.
- 3.6.4 DRILL holes through keystrips and into floor.
- 3.6.5 FASTEN keystrips to floor, and ENSURE keystrips remain level and aligned across the opening.

3.7 Installing the O Panels (7500TL-Series Doors Only)

3.7.1 Refer to Figure 7, and POSITION O panel on keystone.



3.7.2 POSITION panel against jamb.

3.7.3 CLAMP O panel to header lip.

3.7.4 MEASURE gap between top of O panel and bottom of header.

3.7.5 IF gap between top of O panel and bottom of header is *greater than* $\frac{1}{8}$ " , PERFORM the following:

- a. REMOVE clamp securing O panel to header lip.
- b. REMOVE O panel.
- c. REMOVE keystone from floor.
- d. SHIM beneath keystone as required to maintain a *maximum* $\frac{1}{8}$ " gap between top of O panel and bottom of header.
- e. FASTEN keystone to floor, and ENSURE keystone remains level.

3.7.6 IF gap between top of O panel and bottom of header is $\frac{1}{8}$ " or less, PERFORM the following:

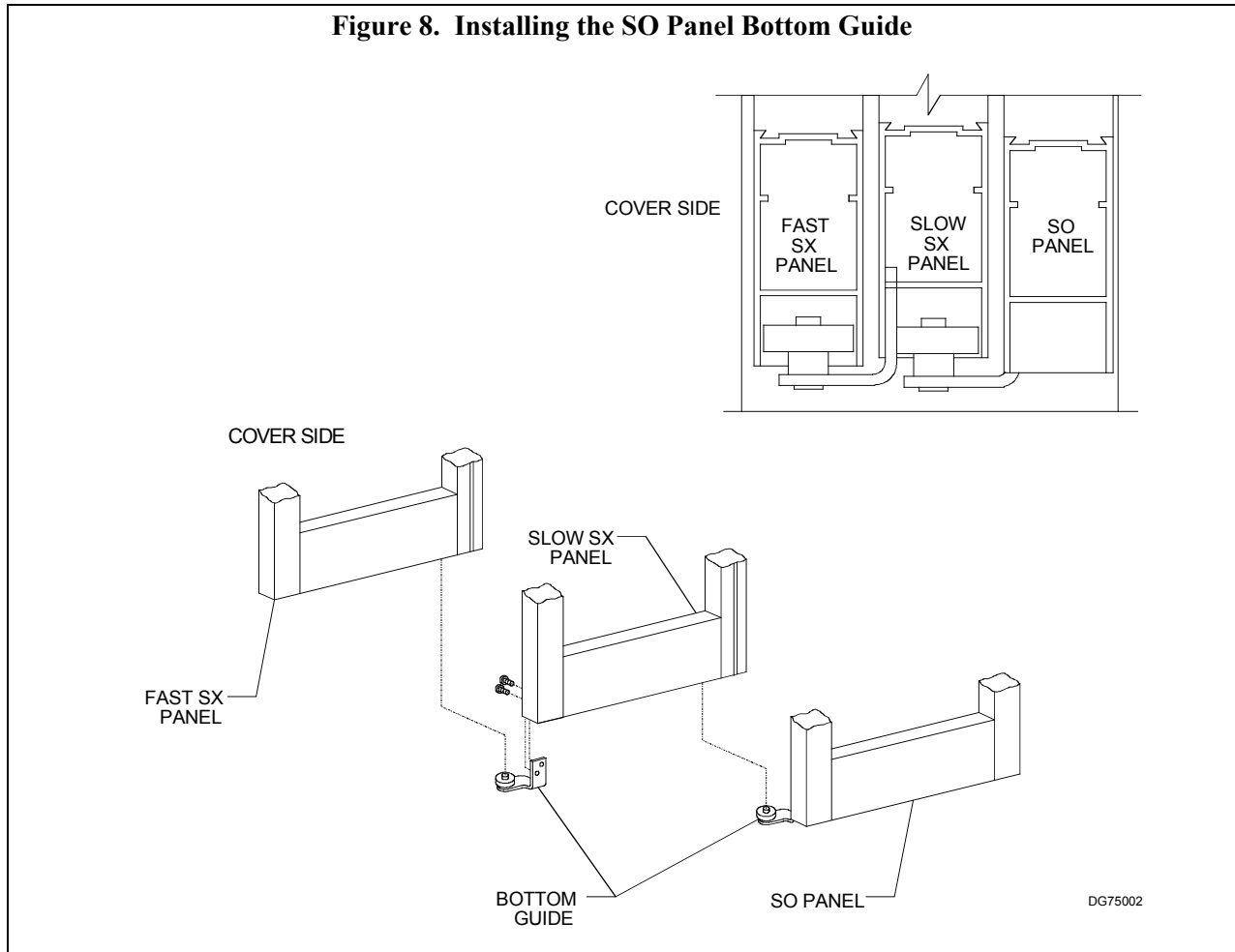
- a. REMOVE clamp securing O panel to header lip.
- b. LIFT and MOVE O panel as necessary to access the keystone.
- c. APPLY a bead of caulk along top center of keystone.
- d. POSITION O panel on keystone.

203850
Rev. B, 2/26/02
9 of 36

- 3.7.7 POSITION panel against jamb, and ENSURE panel is plumb.
- 3.7.8 CLAMP O panel to header lip.
- 3.7.9 DRILL holes through header lip and into O panel.
- 3.7.10 Using No. 8-18 screws, FASTEN O panel to header lip.

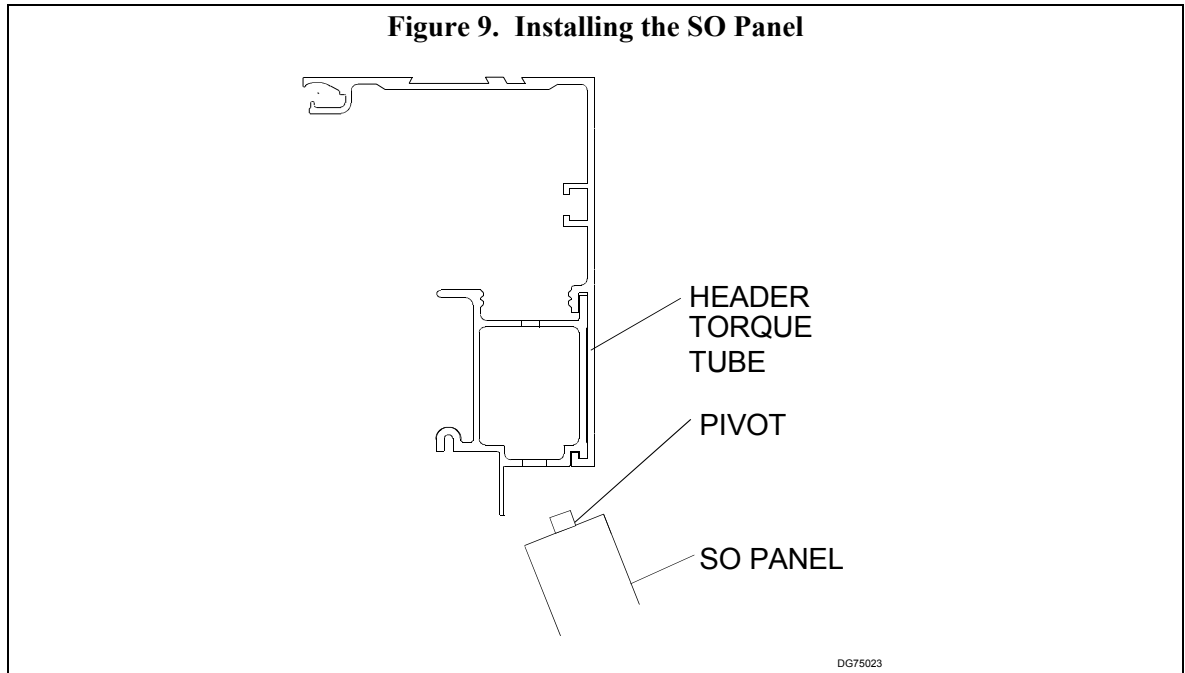
3.8 **Installing the SO Panel (7500 and 7500TLFBO-Series Doors Only)**

- 3.8.1 IF door is a 7500TLFBO-series, refer to Figure 8, and FASTEN the bottom guide to the bottom of the SO panel stile.



- 3.8.2 ADJUST bottom pivot height as necessary to maintain a $\frac{1}{8}$ " nominal gap at bottom of door.

3.8.3 Refer to Figure 9, and ALIGN pivot with pivot hole in header torque tube.



NOTE

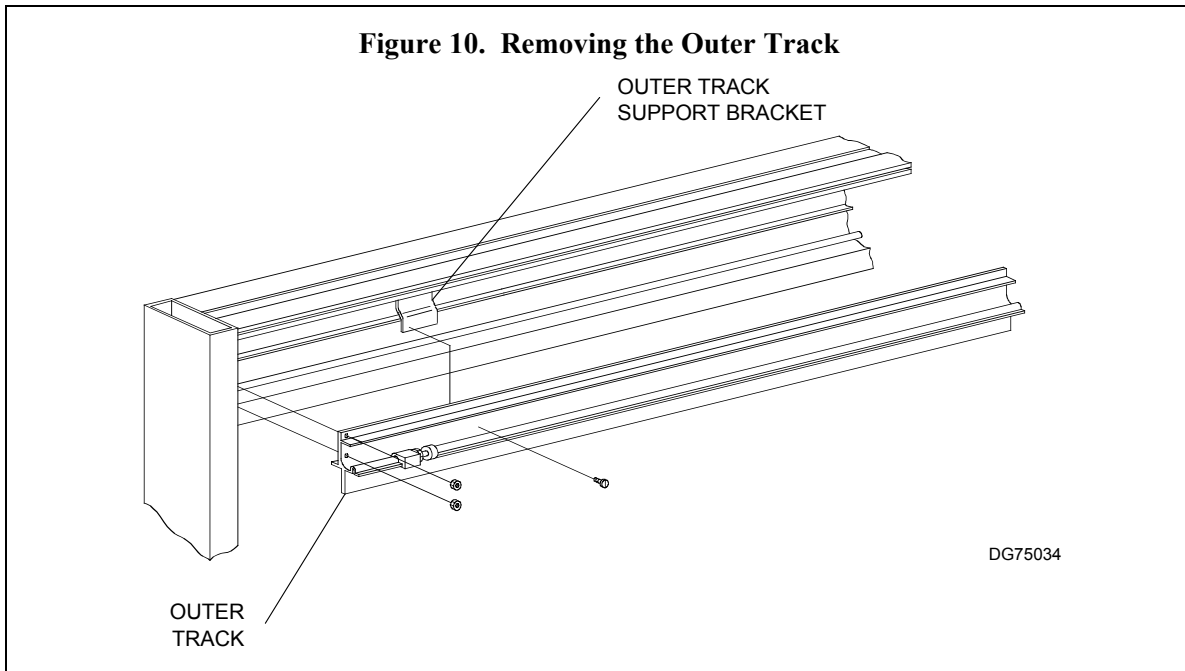
The pivot should snap up when the locking setscrew is loosened; however, it may be necessary to pull the pivot up.

- 3.8.4 LOOSEN locking setscrew, and ENSURE pivot snaps up and engages into hole in header torque tube.
- 3.8.5 TIGHTEN locking setscrew.

3.9 Installing the Slow and Fast SX Panels (7500-Series Doors Only)

3.9.1 INSTALL the slow SX panel as follows:

- a. Refer to Figure 10, and REMOVE nuts securing outer track to header mounting brackets.

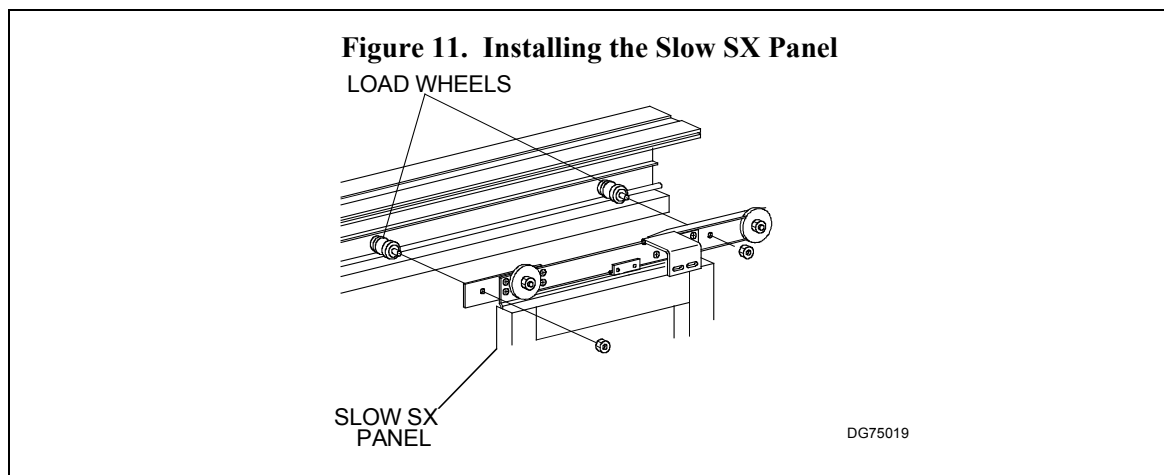


- b. REMOVE screws securing the outer track to the outer track support bracket.
- c. REMOVE the outer track.

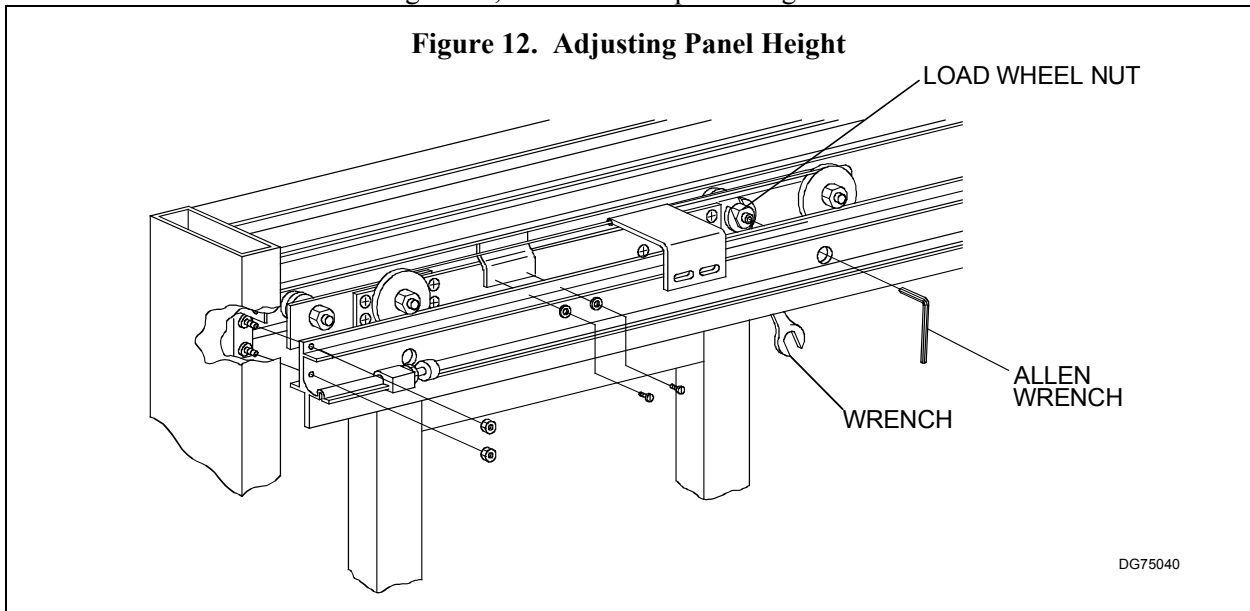
NOTE

The inner track has an access point where the load wheels can be inserted.

- d. POSITION load wheels onto inner track.
- e. INSERT panel door guide into threshold track, and SWING panel upward.
- f. Refer to Figure 11, and INSTALL panel assembly onto load wheels.



- g. FASTEN hanger and panel assembly to load wheels.
- h. POSITION outer track over header mounting bracket studs.
- i. FASTEN outer track to header mounting brackets.
- j. POSITION large cable mounting bracket over outer track.
- k. FASTEN the small cable mounting bracket between the backside of the outer track and the outer track support bracket.
- l. Refer to Figure 12, and ADJUST panel height as follows:



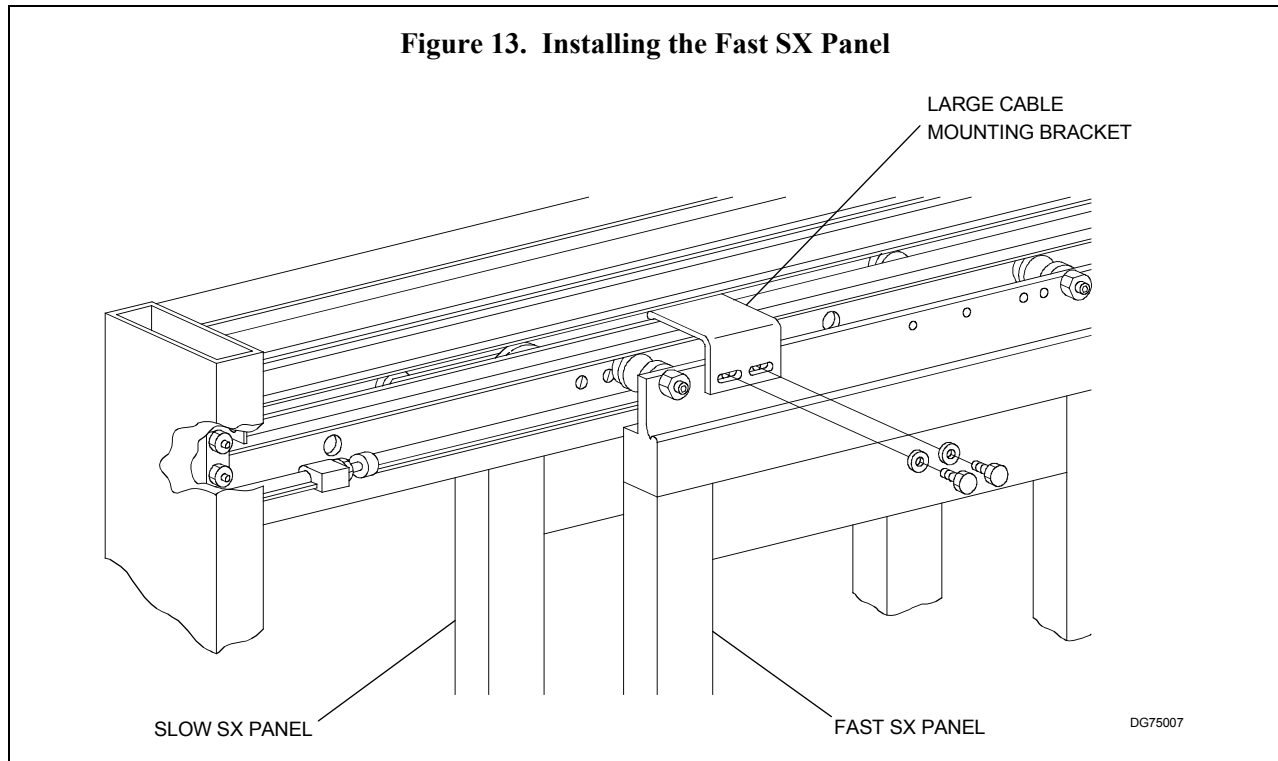
- 1) LOOSEN the two load wheel nuts.

NOTE

Each load wheel has an eccentric that permits adjustment of the threshold-to-panel gap. The total adjustment available from the load wheels is approximately $\frac{1}{4}$ ".

- 2) Using a hex wrench, TURN load wheels until the following occur:
 - Threshold/track-to-panel gap is even across entire bottom of door panel.
 - The stiles of the slow panel and the SO panel behind it are parallel with no gap at top or bottom.
- 3) WHEN adjustment is complete, TIGHTEN load wheel nuts.

3.9.2 Refer to Figure 13, and INSTALL the fast SX panel as follows:



NOTE

The outer track has an access point where the load wheels can be inserted.

- a. POSITION load wheels onto outer track.
- b. INSERT panel door guide into threshold track, and SWING panel upward.
- c. INSTALL hanger and panel assembly onto load wheels.
- d. FASTEN hanger and panel assembly to load wheels.
- e. Refer to Figure 12, and ADJUST panel height as follows:
 - 1) LOOSEN the two load wheel nuts.

NOTE

Each load wheel is an eccentric that permits adjustment of the threshold-to-panel gap. The total adjustment available from the load wheels is approximately $\frac{1}{4}$ ".

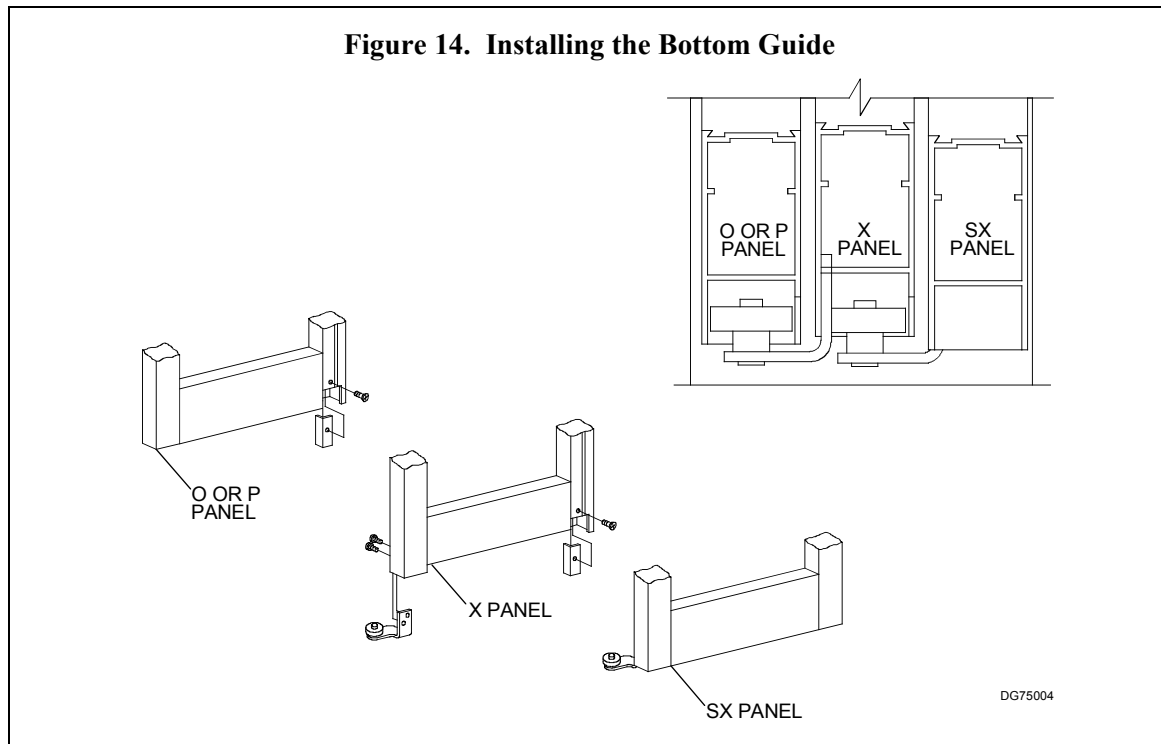
- 2) Using a hex wrench, TURN load wheels until the following occur:
 - Threshold/track-to-panel gap is even across entire bottom of door panel.
 - The stiles of the fast panel(s) and jambs are parallel with no gap at top or bottom.
 - 3) WHEN adjustment is complete, TIGHTEN nuts securing load wheels to hanger.
- f. FASTEN large cable mounting bracket to fast SX panel.

203850
Rev. B, 2/26/02
14 of 36

3.10 Installing the X and SX Panels (7500TL-Series Doors Only)

3.10.1 INSTALL the X panel as follows:

- a. Refer to Figure 14, and FASTEN the bottom guide to the bottom of the X panel stile.



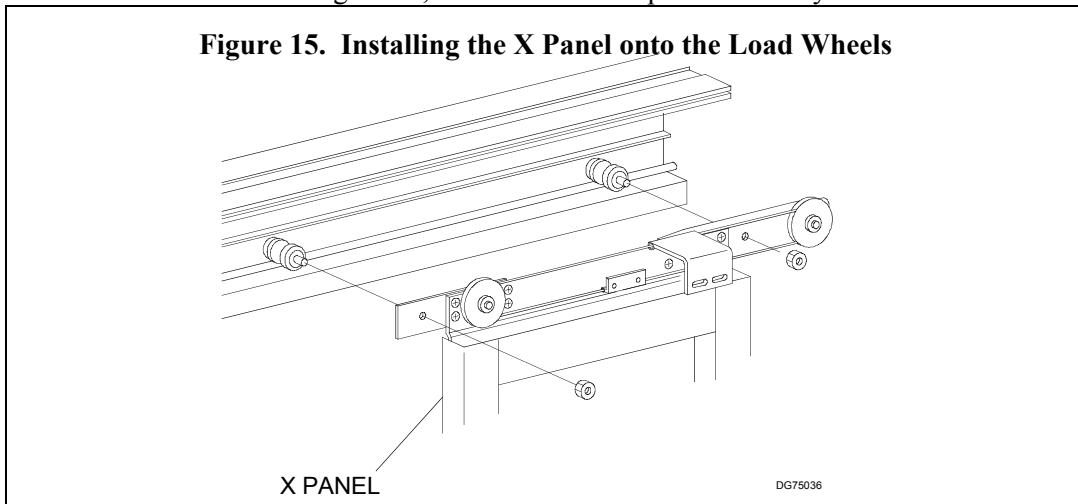
- b. Refer to Figure 10, and REMOVE the nuts securing the outer track to the header mounting brackets.
- c. REMOVE the screws securing the outer track to the outer track support bracket.
- d. REMOVE the outer track.

NOTE

The inner track has an access point where the load wheels can be inserted.

- e. POSITION load wheels onto inner track.
- f. INSERT X panel bottom guide into opening in bottom of O or P panel stile.
- g. SWING panel upward, and INSTALL hanger and panel assembly onto load wheels.

h. Refer to Figure 15, and FASTEN the panel assembly to the load wheels.



- i. POSITION outer track over header mounting bracket studs.
- j. FASTEN outer track to header mounting brackets.
- k. POSITION large cable mounting bracket over outer track.
- l. FASTEN the small cable mounting bracket between the backside of the outer track and the outer track support bracket.
- m. Refer to Figure 12, and ADJUST panel height as follows:
 - 1) LOOSEN the two load wheel nuts.

NOTE

Each load wheel is an eccentric that permits adjustment of the threshold-to-panel gap. The total adjustment available from the load wheels is approximately $\frac{1}{4}$ ".

2) Using a hex wrench, TURN load wheels until the following occur:

- Threshold/track-to-panel gap is even across entire bottom of door panel.
- The stiles of the X panel and the O or P panel behind it are parallel with no gap at top or bottom.

3) WHEN adjustment is complete, TIGHTEN load wheel nuts.

3.10.2 INSTALL the SX panel as follows:

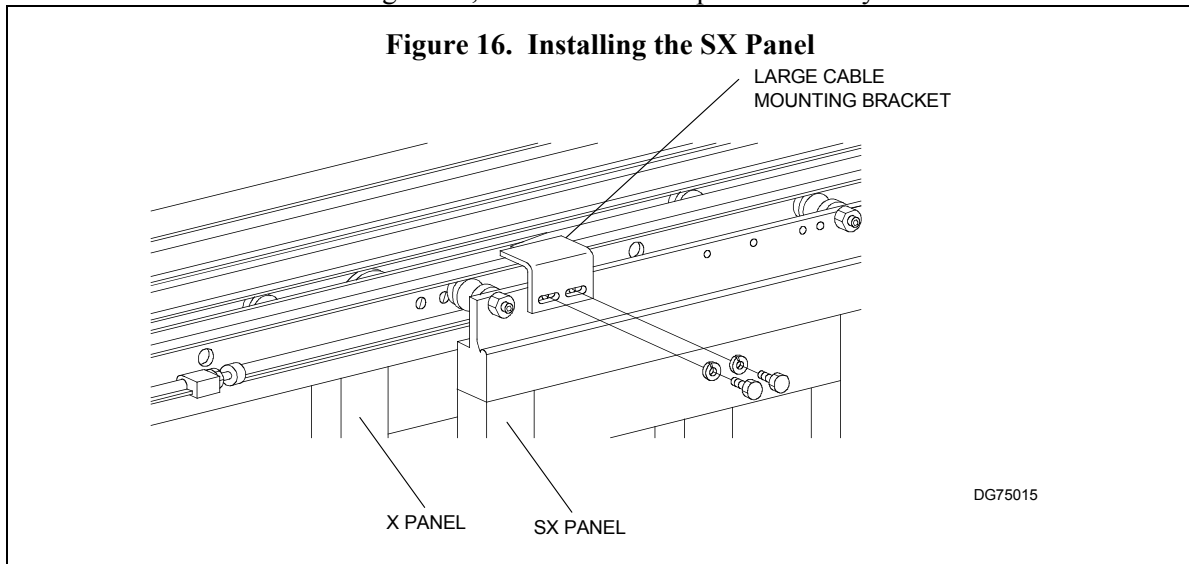
- a. Refer to Figure 14, and FASTEN the bottom guide to the bottom of the SX panel stile.

NOTE

The outer track has an access point where the load wheels can be inserted.

- b. POSITION load wheels onto outer track.
- c. INSERT SX panel bottom guide into opening in bottom of X panel stile.
- d. SWING panel upward, and INSTALL hanger and panel assembly onto load wheels.

e. Refer to Figure 16, and FASTEN the panel assembly to the load wheels.



Refer to Figure 12, and ADJUST panel height as follows:

1) LOOSEN the two load wheel nuts.

NOTE

Each load wheel is an eccentric that permits adjustment of the threshold-to-panel gap. The total adjustment available from the load wheels is approximately $\frac{1}{4}$ ".

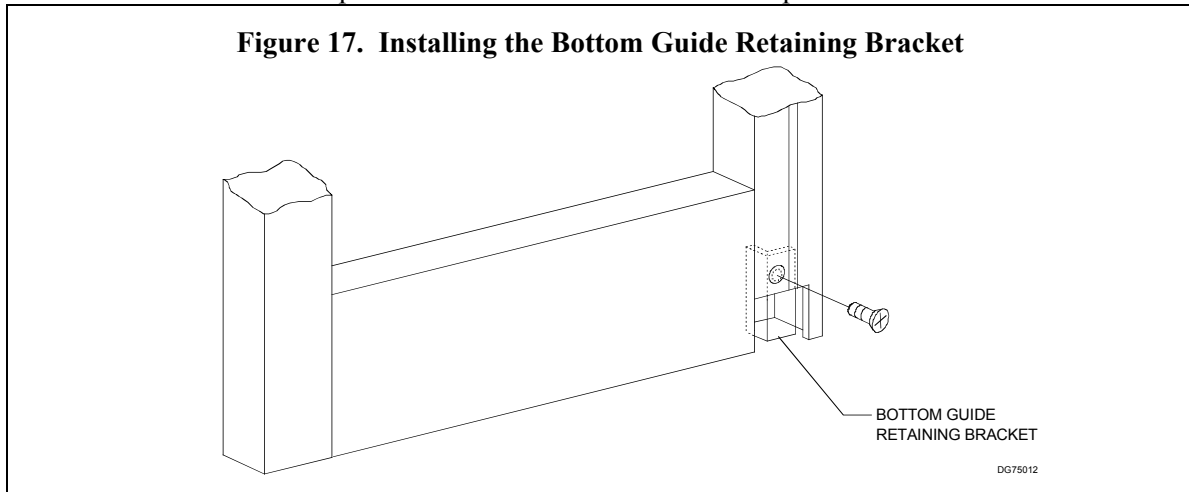
2) Using a hex wrench, TURN load wheels until the following occur:

- Threshold/track-to-panel gap is even across entire bottom of door panel.
- The stiles of the SX panel and the X panel behind it are parallel with no gap at top or bottom.

3) WHEN adjustment is complete, TIGHTEN nuts securing load wheels to hanger.

f. FASTEN large cable mounting bracket to SX panel.

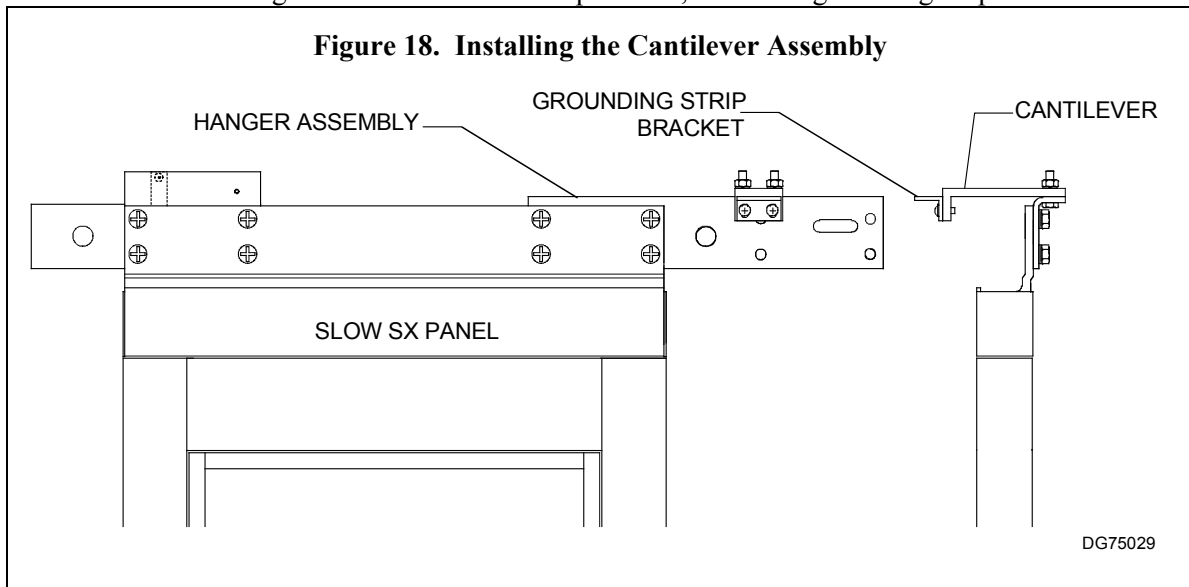
- g. Refer to Figure 17, and FASTEN bottom guide retaining bracket to the bottom of the O or P panel stile and to the bottom of the X panel stile.



3.11 Installing the Cantilever Assembly on the Slow SX Panel (7500TLFBO-Series Doors Only)

- 3.11.1 Refer to Figure 18, and using the screws, lockwashers, and nuts provided, FASTEN cantilever to hanger assembly.

- 3.11.2 Using the screws and washers provided, FASTEN grounding strip bracket to cantilever.

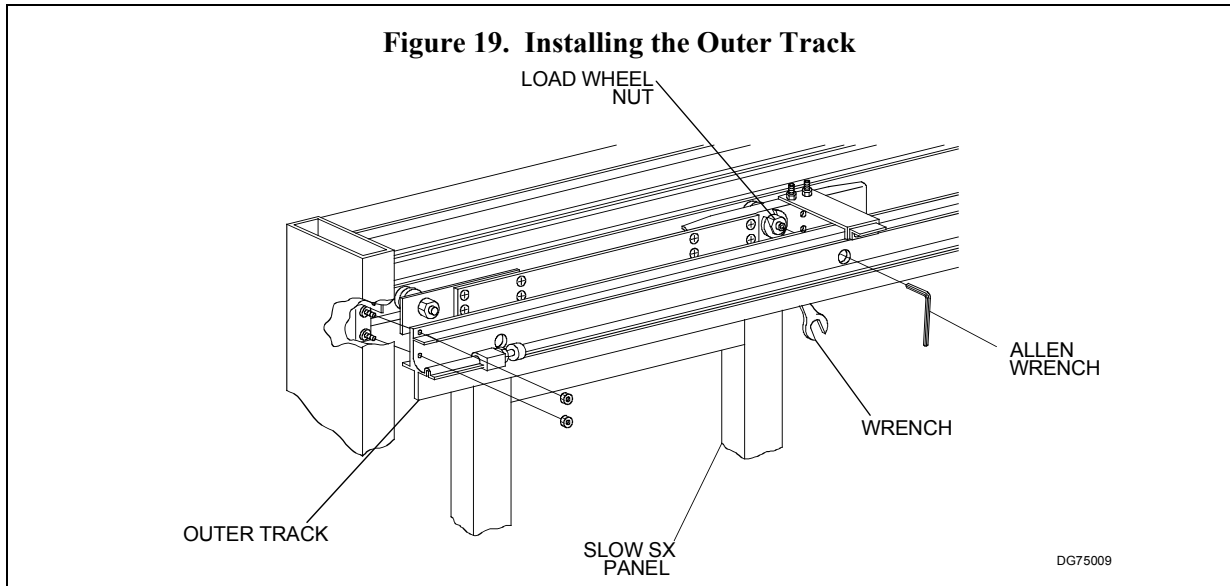


3.12 Installing the Slow and Fast SX Panels (7500TLFBO-Series Doors Only)

- 3.12.1 INSTALL the slow SX panel as follows:
- Refer to Figure 8, and FASTEN the bottom guide to the bottom of the slow SX panel stile.
 - Refer to Figure 10, and REMOVE nuts securing outer track to header mounting brackets.
 - REMOVE fasteners securing outer track to outer track support bracket.

203850
Rev. B, 2/26/02
18 of 36

- d. REMOVE outer track.
- e. POSITION load wheels onto header track.
- f. INSERT slow panel over bottom guide in SO panel, and SWING panel upward.
- g. Refer to Figure 19, and INSTALL the panel assembly onto the load wheels.
- h. FASTEN hanger and panel assembly to load wheels.



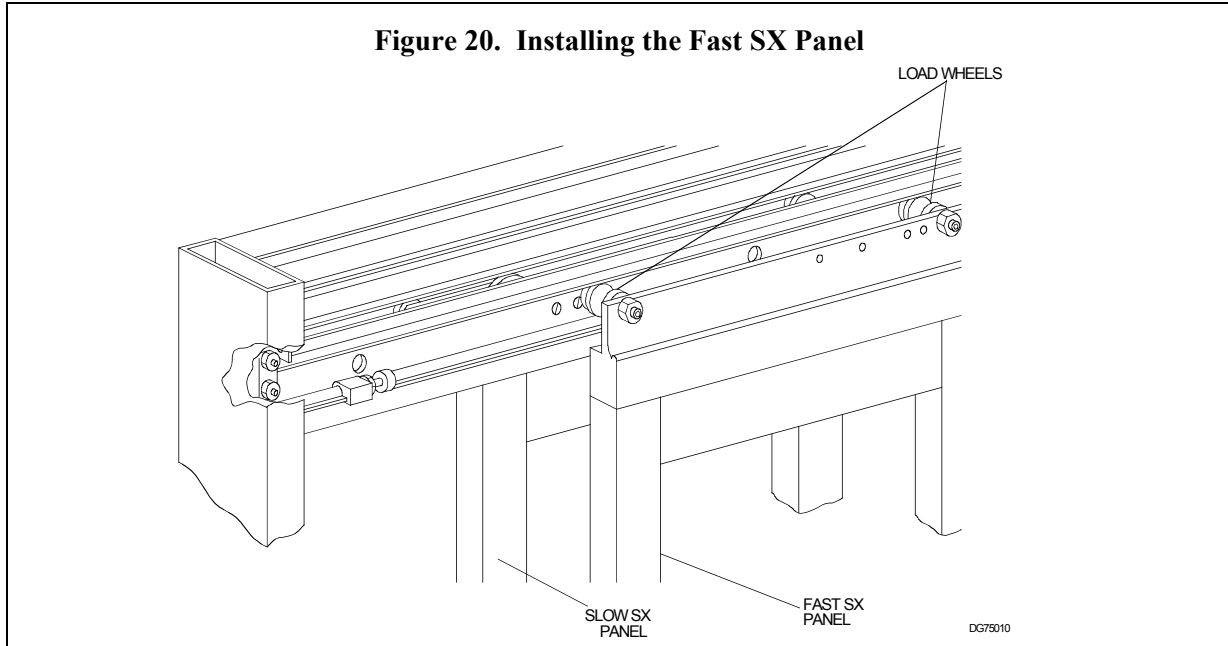
- i. POSITION outer track over header mounting bracket studs.
- j. FASTEN outer track to header mounting brackets.
- k. FASTEN outer track to outer track support bracket.
- l. Refer to Figure 12, and ADJUST panel height as follows:
 - 1) LOOSEN nuts securing two load wheels to hanger.

NOTE

Each load wheel is an eccentric that permits adjustment of the threshold-to-panel gap. The total adjustment available from the load wheels is approximately $\frac{1}{4}$ ".

- 2) Using a hex wrench, TURN load wheels until the following occur:
 - Finished floor-to-panel gap is even across entire bottom of door panel.
 - The stiles of the Slow SX panel and SO panel are parallel with no gap at top or bottom.
 - 3) WHEN adjustment is complete, TIGHTEN nuts securing load wheels to hanger.
- 3.12.2 INSTALL the fast SX panel as follows:
- a. POSITION load wheels onto outer track.
 - b. INSERT fast panel over slow panel bottom guide, and SWING panel upward.

c. Refer to Figure 20, and **INSTALL** the panel assembly onto the load wheels.



d. **FASTEN** hanger and panel assembly to load wheels.

e. Refer to Figure 12, and **ADJUST** panel height as follows:

1) **LOOSEN** nuts securing two load wheels to hanger.

NOTE

Each load wheel is an eccentric that permits adjustment of the threshold-to-panel gap. The total adjustment available from the load wheels is approximately $\frac{1}{4}$ ".

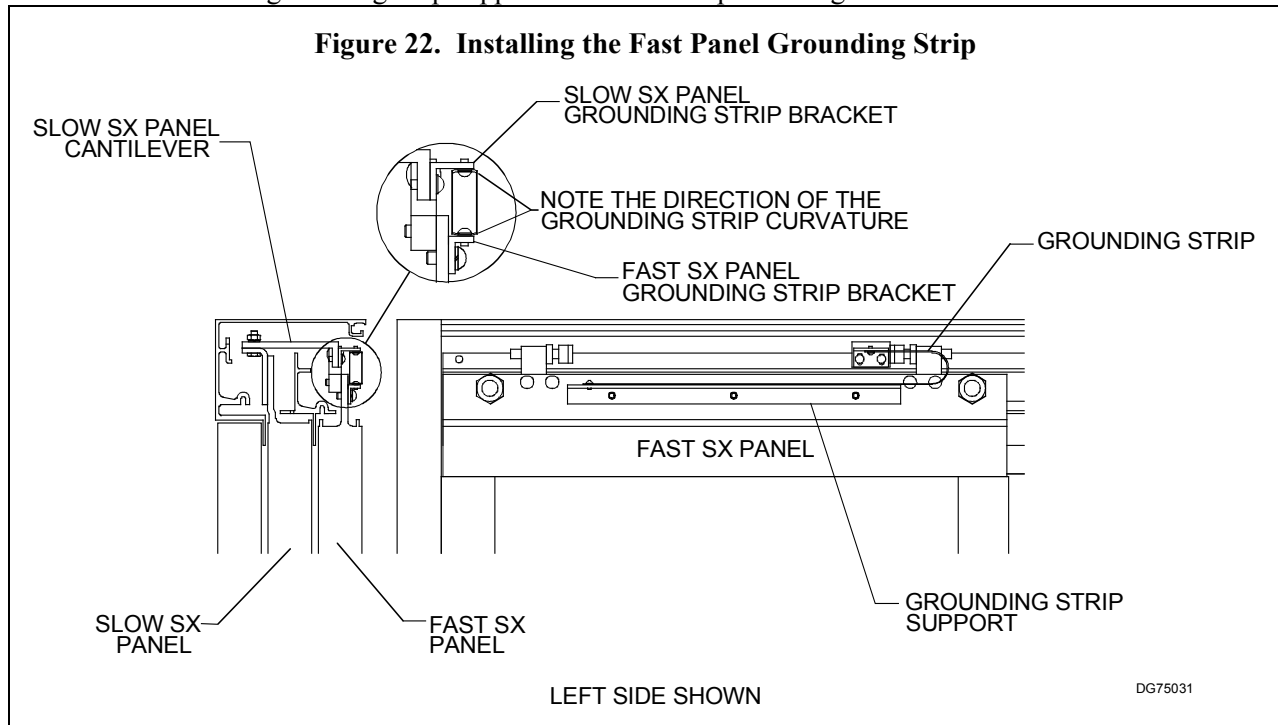
2) Using a hex wrench, **TURN** load wheels until the following occur:

- Finished floor-to-panel gap is even across entire bottom of door panel.
- The stiles of the fast and slow panels and jamb are parallel with no gap at top or bottom.

3) WHEN adjustment is complete, **TIGHTEN** nuts securing load wheels to hanger.

3.14 Installing the Fast Panel Grounding Strip (TLFBO-Series Doors Only)

- 3.14.1 Refer to Figure 22, and, using the screws and lockwashers provided, FASTEN the grounding strip support to the fast SX panel hanger.

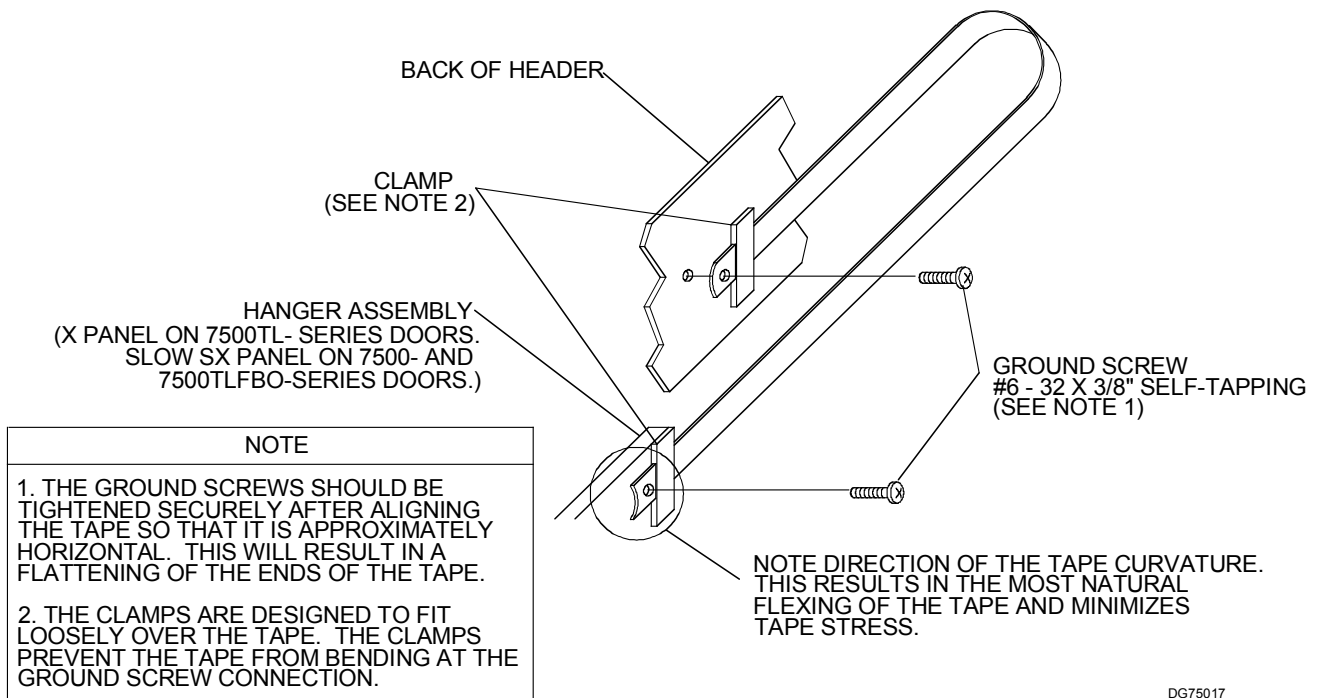


- 3.14.2 POSITION the grounding strip onto the grounding strip support, and ENSURE proper direction of grounding strip curvature.
- 3.14.3 Using the screws and lockwashers provided, FASTEN grounding strip to grounding strip support.
- 3.14.4 ROUTE the opposite end of the grounding strip to the grounding strip bracket on the slow SX panel, and ENSURE proper direction of grounding strip curvature.
- 3.14.5 Using the screw and lockwasher provided, FASTEN end of grounding strip to grounding strip bracket on slow SX panel.

3.15 Installing the X Panel or Slow SX Panel Grounding Strip

- 3.15.1 Refer to Figure 23, and LOOSEN grounding strip clamp on the back of header.
- 3.15.2 INSERT grounding strip into grounding strip clamp, and ENSURE proper direction of grounding strip curvature.
- 3.15.3 TIGHTEN grounding strip clamp to the header.
- 3.15.4 PERFORM applicable action as follows:
 - IF door is a 7500- or 7500TLFBO-series, ROUTE opposite end of grounding strip to grounding strip bracket on slow SX panel.
 - IF door is a 7500TL-series door, ROUTE opposite end of grounding strip to grounding strip bracket on X panel.

Figure 23. Installing the X Panel or Slow SX Panel Grounding Strip

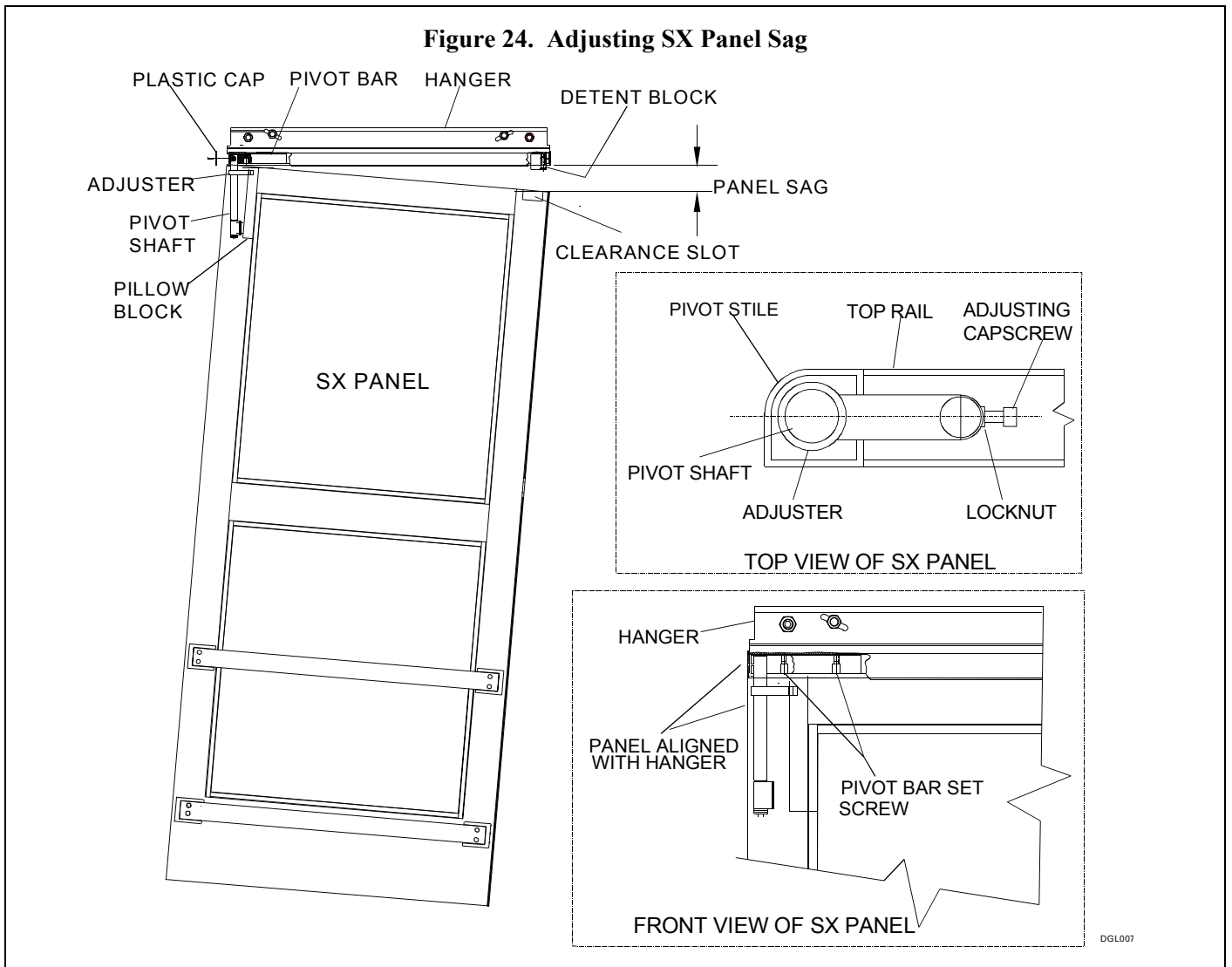


- 3.15.5 POSITION the grounding strip onto the grounding strip support, and ENSURE proper direction of grounding strip curvature.
- 3.15.6 Using the screws and lockwashers provided, FASTEN grounding strip to grounding strip support.

3.16 Adjusting SX Panel Sag Following Installation of Glass

3.16.1 IF SX panel sag adjustment is required, refer to Figure 24, and **PERFORM** the following:

a. SWING SX panel open approximately 10".



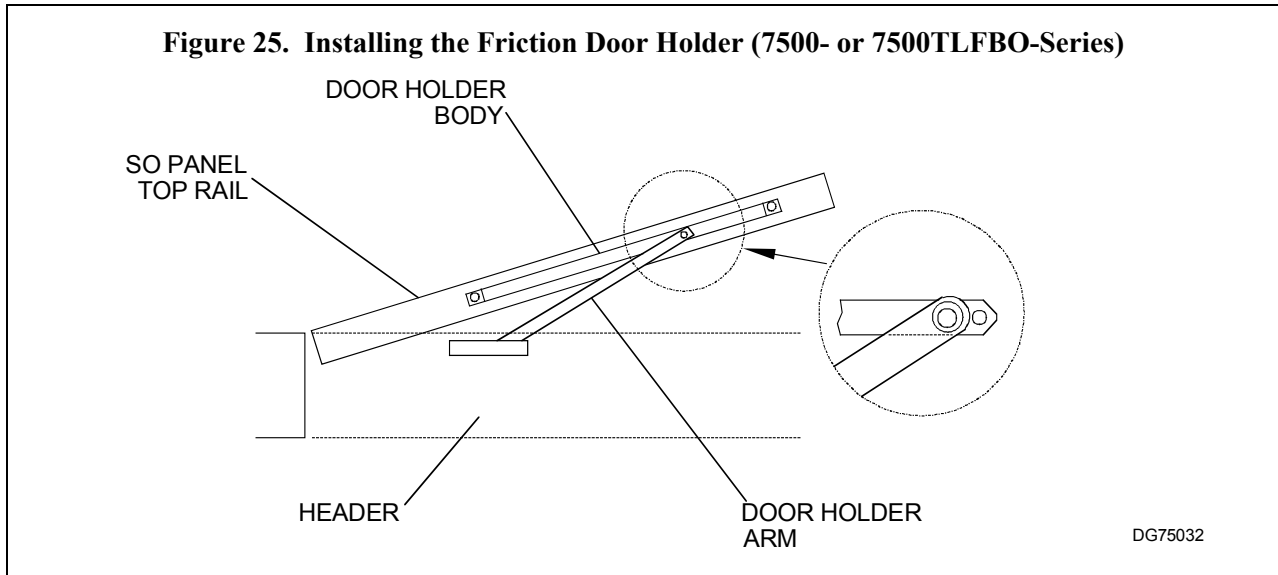
- b. LOOSEN screw securing end cap to detent block.
- c. LOOSEN fasteners securing detent block to hanger.
- d. LOOSEN adjusting capscrew locknut.
- e. PULL lead stile of SX panel upward, and TURN adjusting capscrew until no panel sag is observed.
- f. WHEN sag adjustment is complete, TIGHTEN adjusting capscrew locknut.
- g. ALIGN SX panel with hanger.
- h. OPEN SX panel to 90° open position.

203850
Rev. B, 2/26/02
24 of 36

- i. LOOSEN pivot bar setscrews.
- j. SLIDE pivot bar into hanger until panel and hanger are aligned, and TIGHTEN pivot bar setscrews.
- k. ALIGN detent block with clearance slot in door.
- l. TIGHTEN fasteners securing detent block to hanger.
- m. TIGHTEN screw securing end cap to detent block.

3.17 Installing the Friction Door Holder Assembly

- 3.17.1 IF door is a 7500- or 7500TLFBO-series, refer to Figure 25, and INSTALL friction door holder as follows:



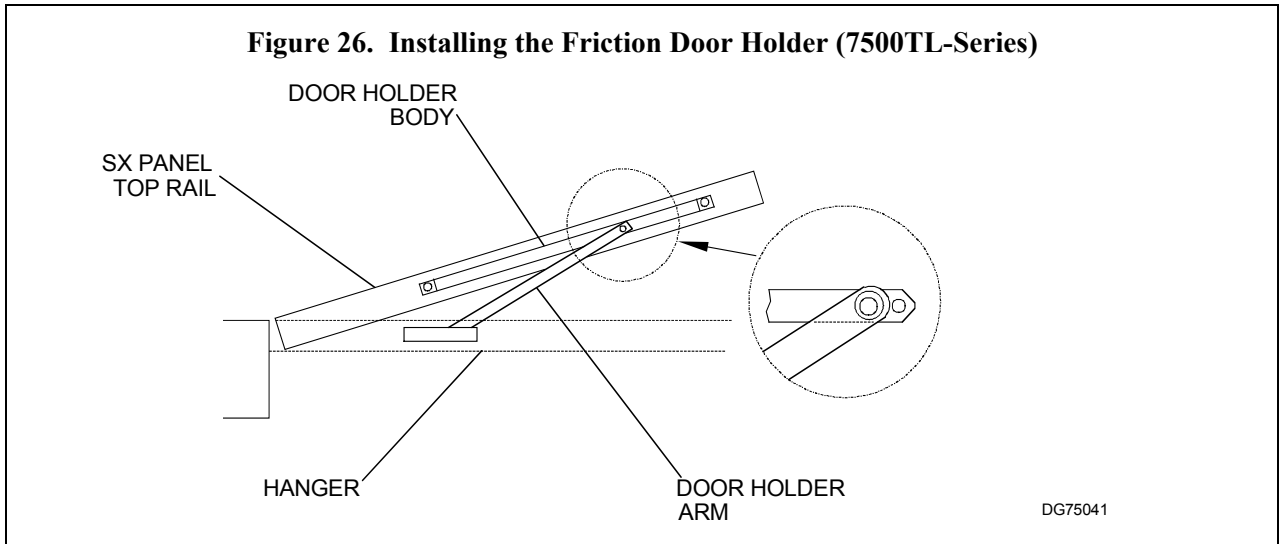
- a. OPEN SO panel to full 90° open position.
- b. Using the shoulder screw provided, FASTEN door holder arm to the header.

NOTE

Door resistance increases as the door swings to the 90° open position. Be sure to check door holder resistance throughout the full 90° swing.

- c. OPEN door to 90° open position, and ADJUST door holder resistance as necessary.

- 3.17.2 IF door is a 7500TL-series, refer to Figure 26, and INSTALL friction door holder as follows:



- a. OPEN the SX panel to the 90-degree open breakout position.
- b. Using the shoulder screw provided, FASTEN door holder arm to the hanger.

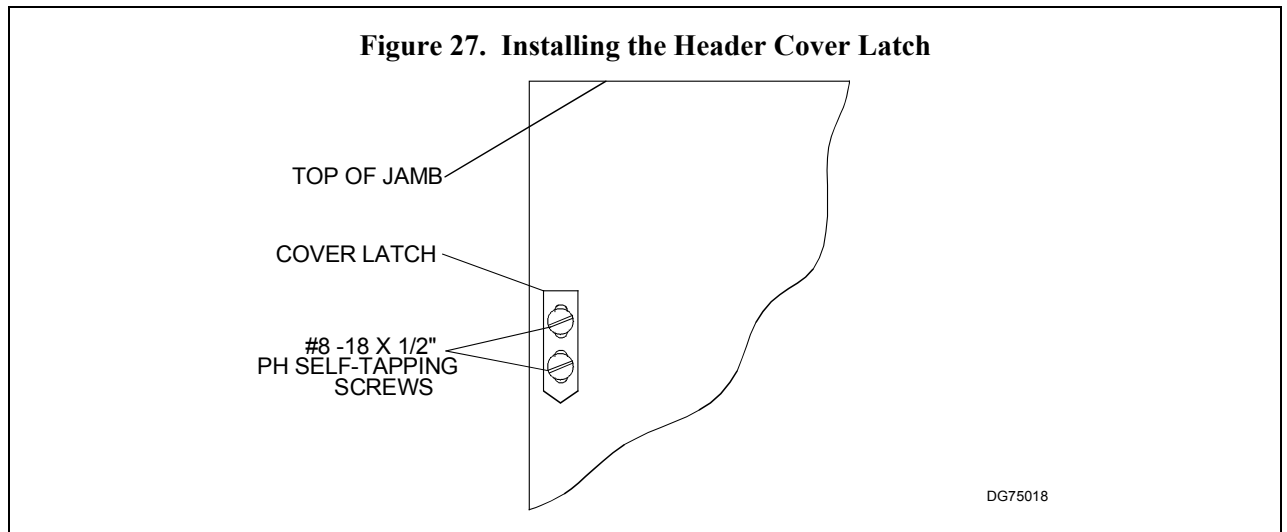
NOTE

Door resistance increases as the door swings to the 90° open position. Be sure to check door holder resistance throughout the full 90° swing.

- c. OPEN door to 90° open position, and ADJUST door holder resistance as necessary.

3.18 Installing the Header Cover Latch

- 3.18.1 Refer to Figure 27, and POSITION cover latch over the predrilled holes in the jamb.
- 3.18.2 Using the two #8-18 x 1/2" screws provided, FASTEN cover latch to jamb.
- 3.18.3 REPEAT Section 3.18 for the opposite jamb.



3.19 Closeout Procedure

- 3.19.1 ENSURE header cover is closed.
- 3.19.2 ENSURE glass panels are not cracked or broken.
- 3.19.3 ENSURE glass and metal surfaces are clean.
- 3.19.4 ENSURE door installation area is clean and free of debris.
- 3.19.5 ENSURE Stanley Service Sticker and signage are properly displayed.
- 3.19.6 COMPLETE Work Order and REPORT your actions to the Building Superintendent.

3.20 Replacement Parts

- 3.20.1 Refer to Attachment 3 for a listing of the replacement parts.

Attachment 1
Documents, Definitions, Special Tools, Equipment, Materials, and Consumables
(Sheet 1 of 1)

Documents

- None

Definitions

- None

Special Tools and Equipment (including, but not limited to)

- Allen wrench set
- Caulking gun
- Combination square
- Electric drill, metal drill bit set,
concrete drill bit set
- Levels
- Open-end wrench set
- Plumb bob
- Saw horses
- Scribe or center punch
- Screwdriver kit
- Socket wrench set
- Tape measure

Materials (including, but not limited to)

- Assorted fasteners
- Assorted masonry anchors
- Shims for header and jambs

Consumables (including, but not limited to)

- Clean rags
- Clear silicone caulk
- Glass cleaner

Attachment 2
General Package Data
(Sheet 1 of 1)

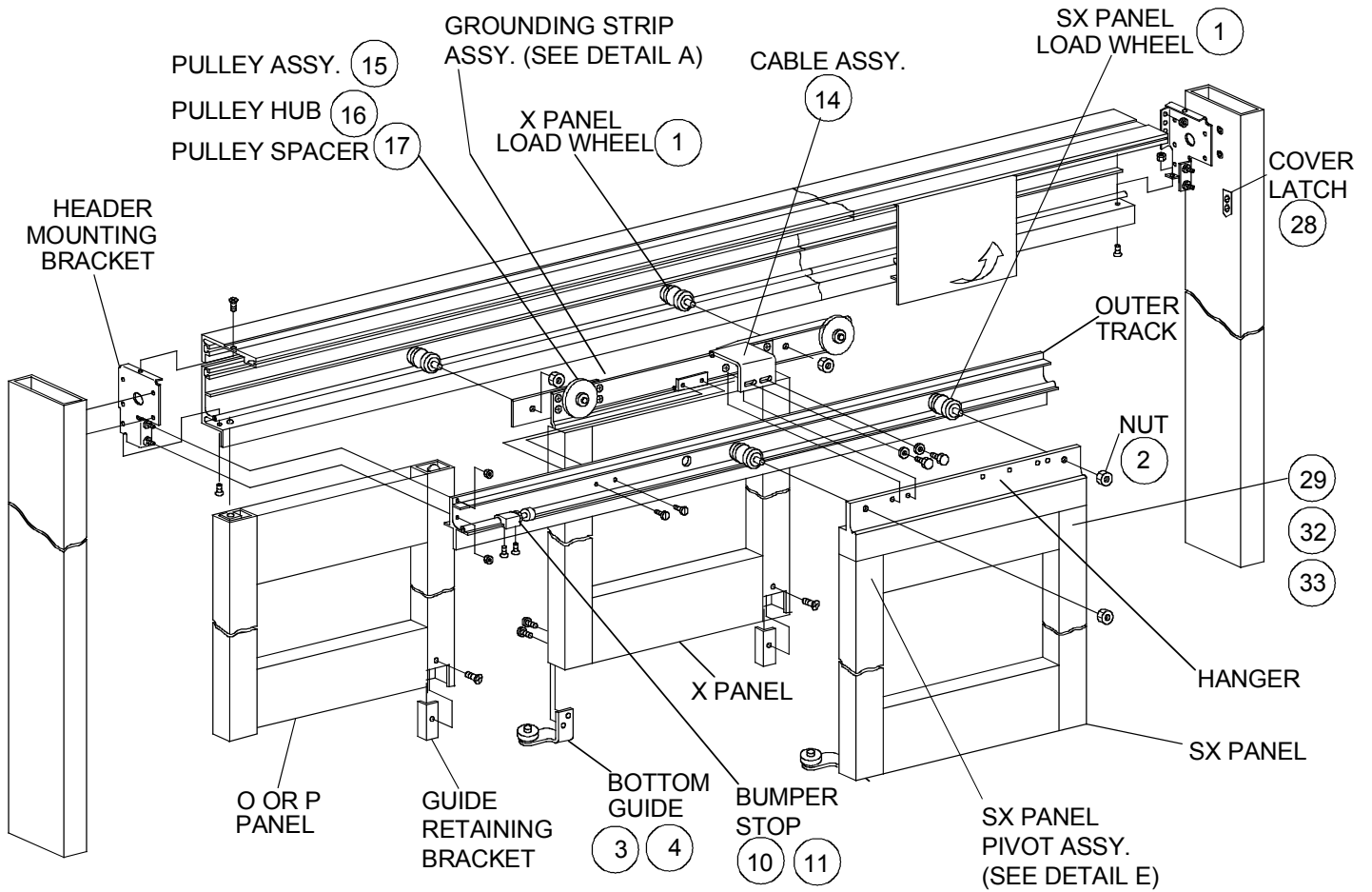
7500 Package Widths			
Package Width	Nominal Clear Door Opening	Sliding Door / Panel Width	Emergency Breakout Width
3-Panel Packages (Narrow Stile)			
7'0"	44 "	28 ¹ / ₂ "	74 ¹ / ₂ "
8'0"	52 "	32 ¹ / ₂ "	86 ¹ / ₂ "
9'0"	60 "	36 ¹ / ₂ "	98 ¹ / ₂ "
6-Panel Packages (Narrow Stile)			
10'0"	59"	21"	105 "
12'0"	75 "	25"	129 "
14'0"	91 "	29"	153 "

7500TL Package Widths			
Package Width	Nominal Clear Door Opening	Sliding Door / Panel Width	Emergency Breakout Width
3-Panel Packages (Narrow Stile)			
7'0"	44 "	28 ¹ / ₂ "	26"
8'0"	52 "	32 ¹ / ₂ "	30"
9'0"	60 "	36 ¹ / ₂ "	34"
6-Panel Packages (Narrow Stile)			
10'0"	59"	21"	36 ¹ / ₂ "
12'0"	75 "	25"	44 ¹ / ₂ "
14'0"	91 "	29"	52 ¹ / ₂ "

7500TLFBO Package Widths					
Package Width	Nominal Clear Door Opening	SX (Fast) Nominal Width	SX (Slow) Nominal Width	SO Nominal Width	Full Breakout Nominal Width
3-Panel Packages (Narrow Stile)					
7'0"	39 ⁷ / ₁₆ "	34 ⁹ / ₁₆ "	28 ⁷ / ₁₆ "	22 ⁹ / ₁₆ "	72 ¹ / ₈ "
8'0"	47 ⁷ / ₁₆ "	38 ⁹ / ₁₆ "	32 ⁷ / ₁₆ "	26 ⁹ / ₁₆ "	84 ¹ / ₈ "
9'0"	55 ⁷ / ₁₆ "	42 ⁹ / ₁₆ "	36 ⁷ / ₁₆ "	30 ⁹ / ₁₆ "	96 ¹ / ₈ "
6-Panel Packages (Narrow Stile)					
10'0"	49 ¹ / ₄ "	27 ¹ / ₈ "	21"	15 ¹ / ₈ "	99 ³ / ₄ "
12'0"	65 ¹ / ₄ "	31 ¹ / ₈ "	25"	19 ¹ / ₈ "	123 ³ / ₄ "
14'0"	81 ¹ / ₄ "	35 ¹ / ₈ "	29"	23 ¹ / ₈ "	147 ³ / ₄ "

203850
Rev. B, 2/26/02
29 of 36

Attachment 3
7500-, 7500TL-, and 7500TLFBO-Series Replacement Parts
 (Sheet 2 of 7)

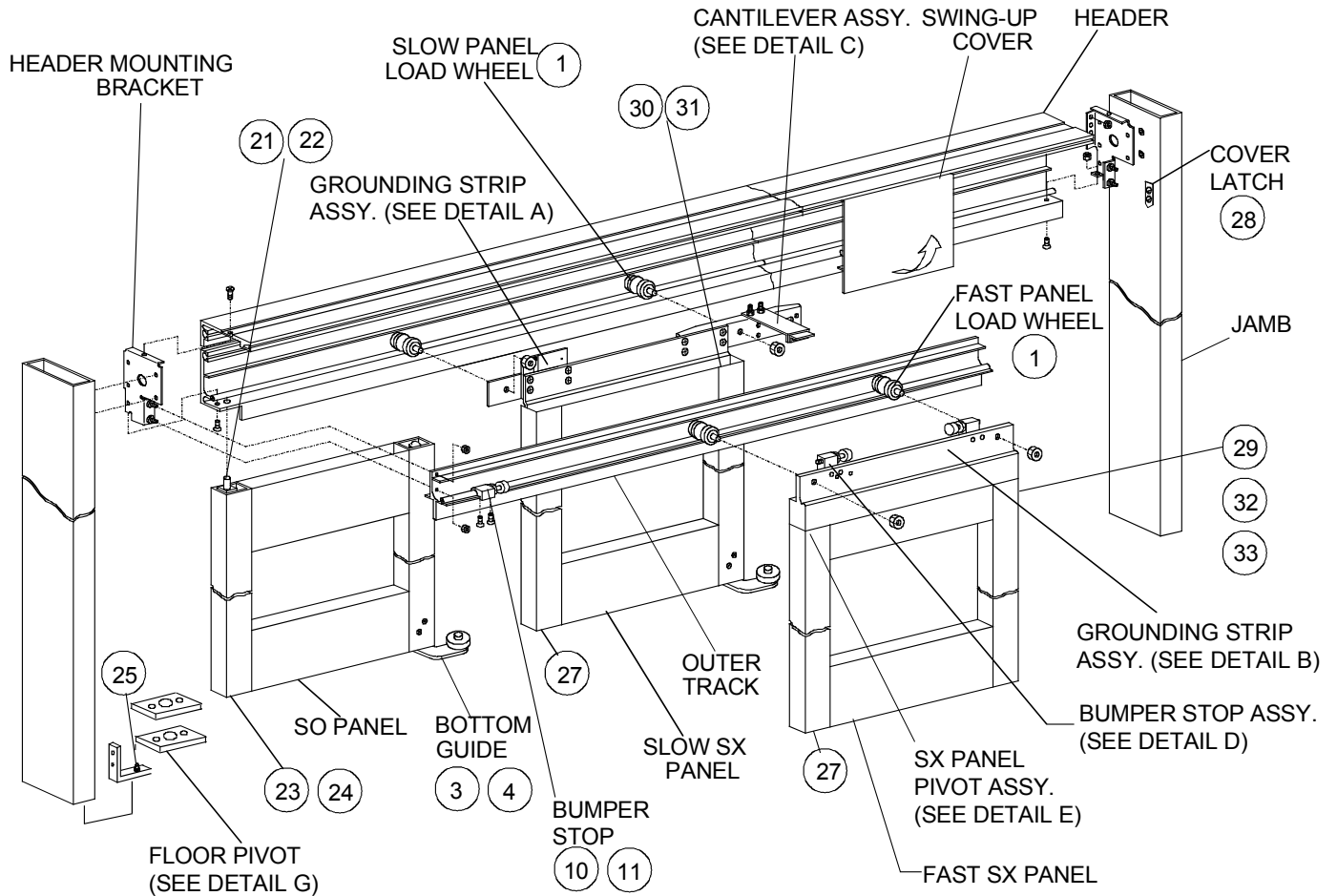


NOTE
LEFT HAND PACKAGE SHOWN.

DG75039

7500TL-SERIES

Attachment 3
7500-, 7500TL-, and 7500TLFBO-Series Replacement Parts
 (Sheet 3 of 7)



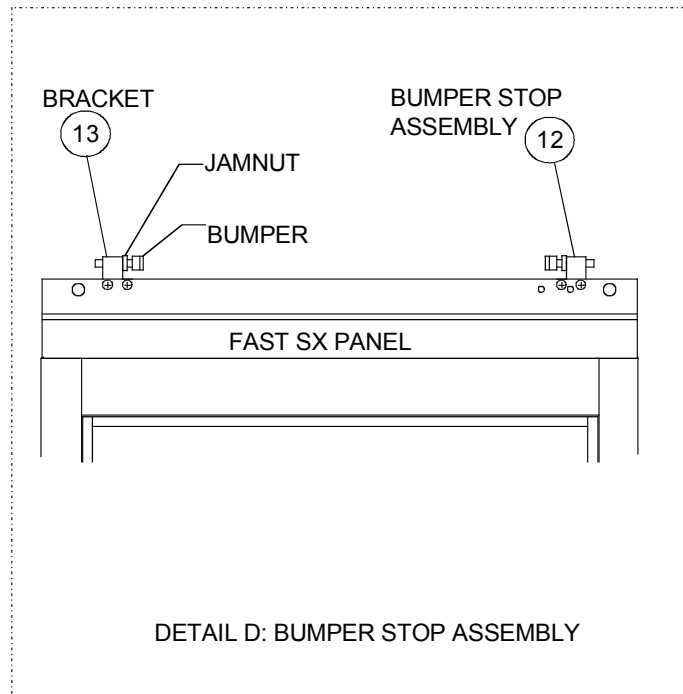
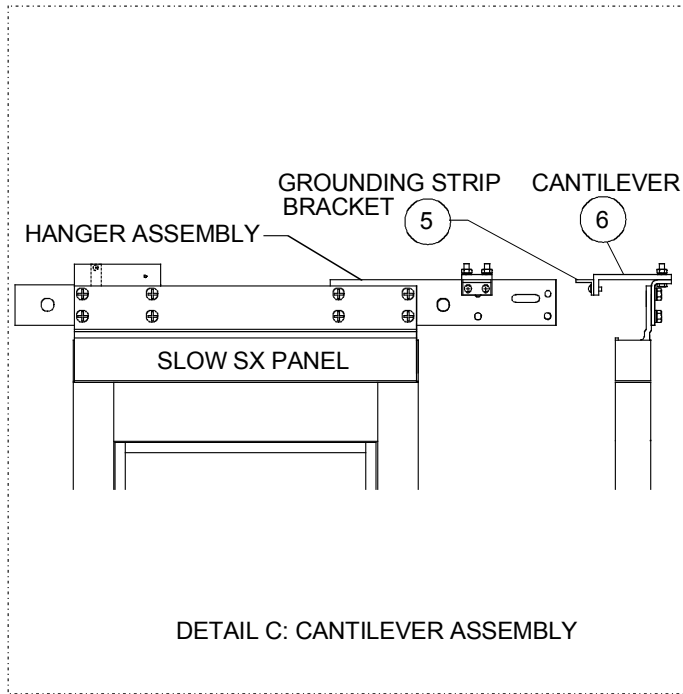
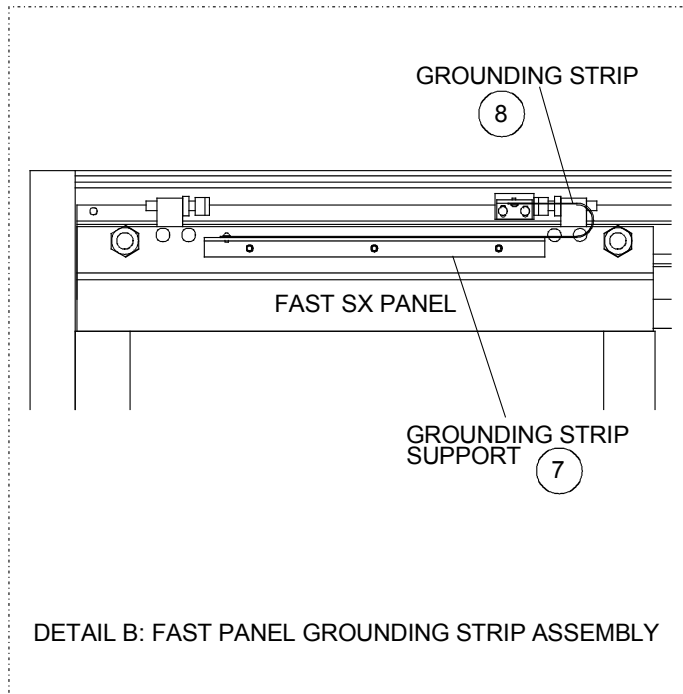
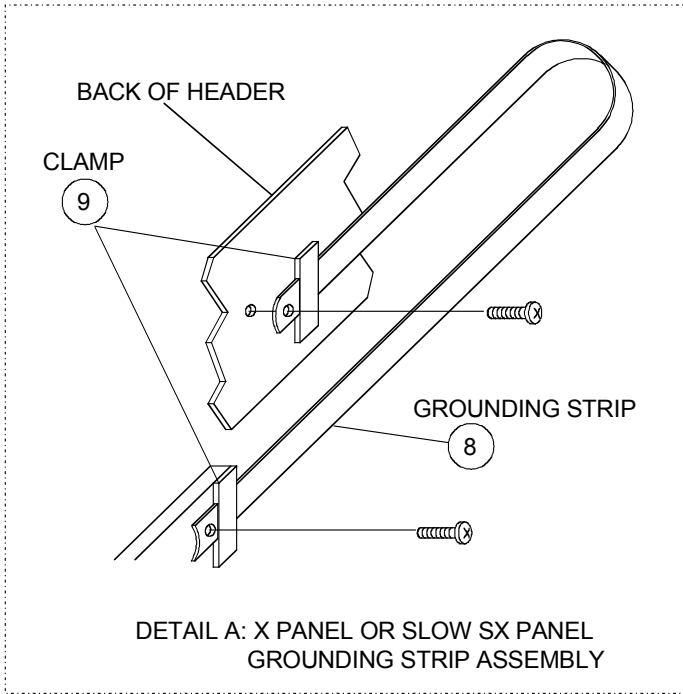
NOTE
RIGHT HAND PACKAGE SHOWN.

7500TLFBO-SERIES

DG75001

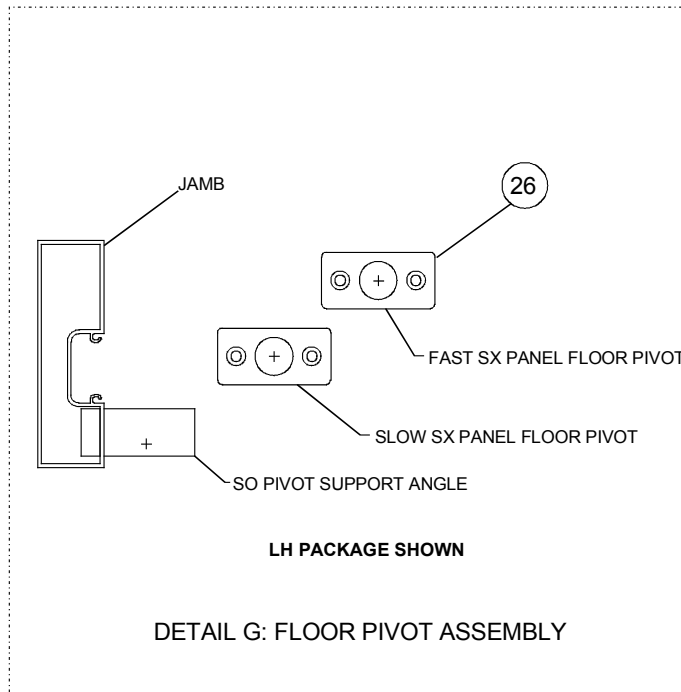
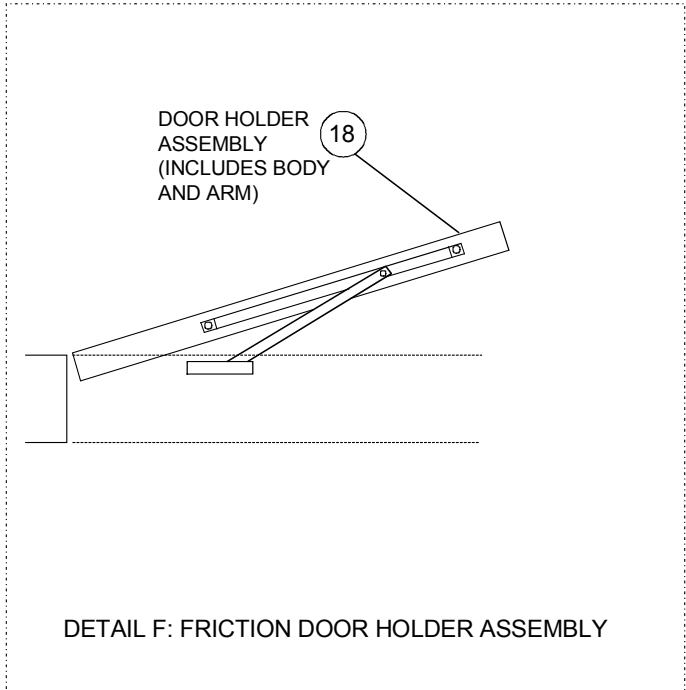
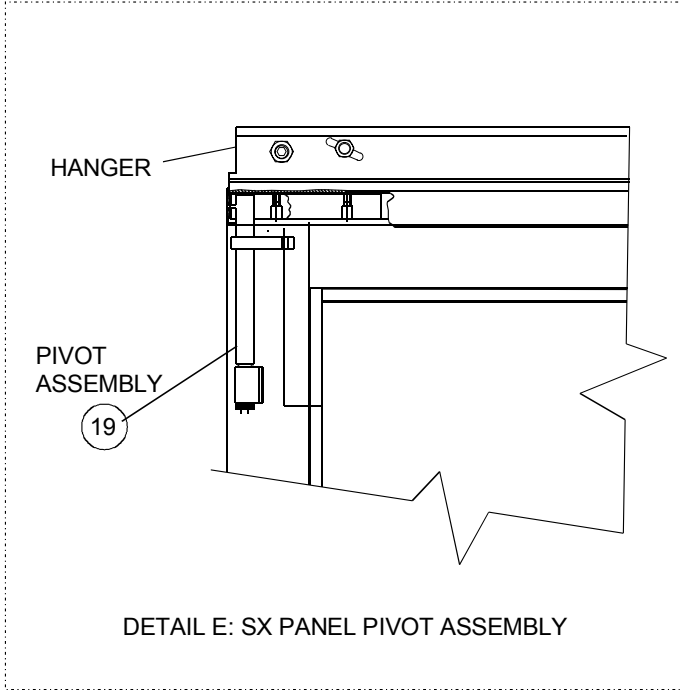
203850
 Rev. B, 2/26/02
 32 of 36

Attachment 3
7500-, 7500TL-, and 7500TLFBO-Series Replacement Parts
 (Sheet 4 of 7)



DG75042

Attachment 3
7500-, 7500TL-, and 7500TLFBO-Series Replacement Parts
 (Sheet 5 of 7)



DG75043

Attachment 3
7500-, 7500TL-, and 7500TLFBO-Series Replacement Parts
(Sheet 6 of 7)

Item	Part No.	Description	Application		
1	412498	Load wheel assy.	7500	7500TL	7500TLFBO
2	380606499	Nut-hex jam- #5/8-11heavy	7500	7500TL	7500TLFBO
3	515192-2	Bottom guide assy. (RH 7500TLFBO, LH 7500TL)		7500TL	7500TLFBO
4	515191-2	Bottom guide assy. (LH 7500TLFBO, RH 7500TL)		7500TL	7500TLFBO
5	413943	Bracket-grounding strip			7500TLFBO
6	413944	Cantilever			7500TLFBO
7	413946	Support-grounding strip			7500TLFBO
8	412051	Strip-grounding	7500	7500TL	7500TLFBO
9	712096	Molding-plate-grounding strip	7500	7500TL	7500TLFBO
10	711709	Bumper stop assy. (RH 7500 & 7500TLFBO, LH 7500TL)	7500	7500TL	7500TLFBO
11	711710	Bumper stop assy. (LH 7500 & 7500TLFBO, RH 7500TL)	7500	7500TL	7500TLFBO
12	605521	Bumper stop assy.			7500TLFBO
13	413945	Stop bracket			7500TLFBO
14	515930-9	Cable assy-telescop. slider (Specify overall slow panel width)	7500	7500TL	
15	412691	Pulley assy.	7500	7500TL	
16	412646	Hub, pulley	7500	7500TL	
17	412645	Spacer, pulley	7500	7500TL	
18	412680	Door holder assy.	7500	7500TL	7500TLFBO
19	515700	Pivot assy.- SX Dura-Glide	7500		7500TLFBO
20	515265	Guide assy,-bottom-3000	7500		
21	411248	Pivot assy.-SO-RH-upper	7500		7500TLFBO
22	411247	Pivot assy.-SO-LH-upper	7500		7500TLFBO
23	410100	Pivot assy.-SO-RH-lower	7500		7500TLFBO
24	410101	Pivot assy.-SO-LH-lower	7500		7500TLFBO
25	708950	Pivot-bottom-SO panel	7500		7500TLFBO
26	515716	Pivot assy.-floor portion			7500TLFBO
27	515720	Pivot assy.-door portion			7500TLFBO
28	712076	Latch-cover-ICU 7000	7500	7500TL	7500TLFBO
29	411622	Detent assy.-hanger portion SX fast-dark bronze	7500	7500TL	7500TLFBO
	431622	Detent assy.-hanger portion SX fast-clear	7500	7500TL	7500TLFBO
30	515895	Detent-hanger portion SX slow	7500		7500TLFBO

203850
Rev. B, 2/26/02
35 of 36

Attachment 3
7500-, 7500TL-, and 7500TLFBO-Series Replacement Parts
(Sheet 7 of 7)

Item	Part No.	Description	Application		
31	412654	Detent assy.-door portion SX slow-clear	7500		7500TLFBO
	432654	Detent assy.-door portion SX slow-dark bronze	7500		7500TLFBO
32	516699-4	Detent-door portion-narrow stile (LH) & medium stile W/AC (LH)	7500	7500TL	7500TLFBO
	516699-6	Detent-door portion-medium stile WO/AC (LH)	7500	7500TL	7500TLFBO
33	516699-3	Detent-door portion-narrow stile (RH) & medium stile W/AC (RH)	7500	7500TL	7500TLFBO
	516699-5	Detent-door portion-medium stile WO/AC (RH)	7500	7500TL	7500TLFBO