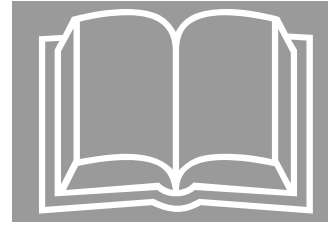


APRIL 10, 2008

**UNITEC®**

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**UT-ID 23.2-6**



# UNITEC Car and Hoistway Door Panel Installation

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## Installation Instructions

**CAUTION:** New doors may be heavier than the replaced doors. Code closing times must meet kinetic energy required by code as originally installed or altered. See Kinetic Energy Code specified in A17.1-2000 for reference and adjust as needed.

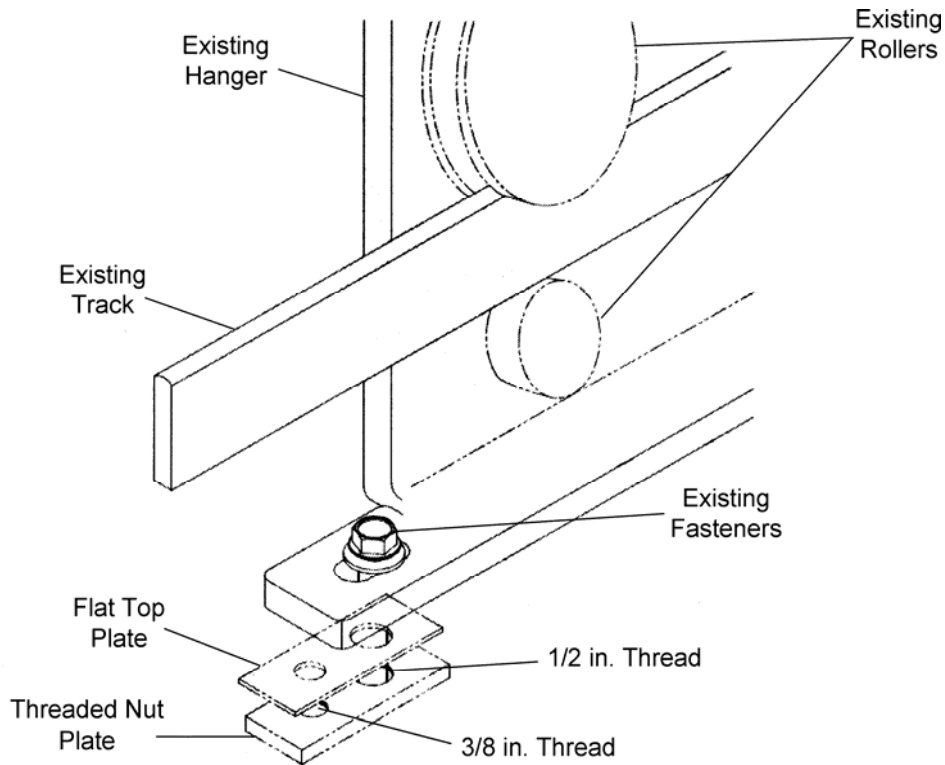
**NOTE 1:** Retain the existing hangers, rollers, and fasteners. Do not dispose of any existing material until door installation is complete.

**NOTE 2:** When handling door, always follow safe material handling practices and use hand protection.

1. Take off the existing door panel(s). Leave the existing hangers (if applied type and if being reused) and fasteners on the track.
2. Using the recycled fasteners on the existing hangers per Figure 1, attach one flat top plate and one threaded nut plate by loosely threading the fasteners into the nut plate. Choose the appropriate thread size on the block and the flat plate (see Figure 1).

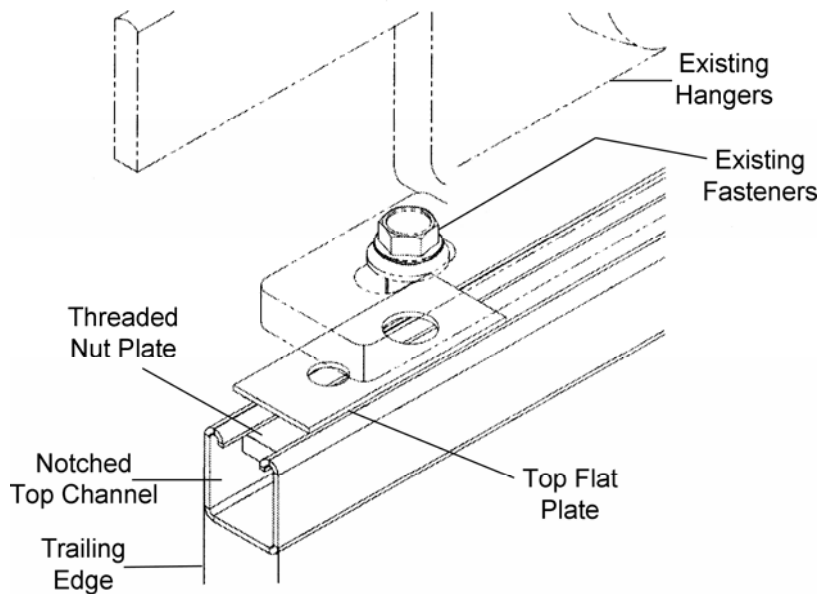
**NOTE:** The flat plate and the nut plate can be found in the hanging plate kit supplied with the door panels.

Repeat as necessary for each application.



**Figure 1: Loosely Thread the Fasteners into the Nut Plate**

3. Set the door into place by sliding the nut plate(s) attached to the hanger(s) through the notch (or the open end of the channel) at the top of the door. Ensure the door is arranged so that the notch is located on the trailing edge of the door (see Figure 2).



**Figure 2: Insert the Threaded Nut Plate into the Channel**

4. Align the door and tighten the fasteners between the hanger(s) and the threaded nut plate(s). Shim and lock the nut as needed to establish the desired door mounting height. Repeat as necessary for each application.
5. Align two gibs (p/n VP-790154, provided with panels) with the pre-drilled holes at the base of the door to sill/threshold and fasten them in place with the proper hardware provided in the accessories kit. For hoistway doors, align one door bottom retainer (p/n AAA385TK1) to sill groove and fasten with the provided hardware.
6. For quick ship door assemblies, choose between astragal and binder or sight guard. The sight guard should be used on the hoistway door and astragal and the binder to be used on the car door. Install the appropriate item by aligning and fastening to the predrilled holes along the leading edge of the door.
7. For hoistway door, align slots on the fire clip p/n AAA283BCP1 to the predrilled holes on the trailing edge of the door and install using fasteners provided.

**NOTE:** For the 96-inch doors, install two fire clips per code.

***For Non-Drilled Door Panels Only***

8. Using old door(s) as a reference transfer the drilling of the back panel to the new door(s) for each specific application.

**NOTE:** It may be necessary to reinforce some attachment points in the 16 gauge door back. High quality nutserts (type AAA251CX) work well when threaded attachment points are needed on the back.

**CAUTION:** Be sure the drill bit does not impact the backside of the finished door face when the bit passes through the back skin. The impact may result in a dent on the visible side of the door.

9. UNITEC offers a 6940 interlock studded adapter plate (p/n AAA306RE1), which will facilitate the re-mounting of the latest version 6940 interlocks (post 1963 installations). Order one per entrance as needed. Do verify that you have the 7-5/8 in. mounting hole spacing for the 6940 interlocks now.

## Appendix A: Part Numbers

The following table lists all part numbers this document mentions.

**Table 1: Related Part Numbers**

<b>Description</b>	<b>Part Number</b>
Door Hanging Plate Kit	AAA23000F400
Gib	VP-790154
Guide	AAA385TK1
Fire Clip	AAA283BCP1