



A VANTAGE Company

G.A.L. Manufacturing Company, LLC

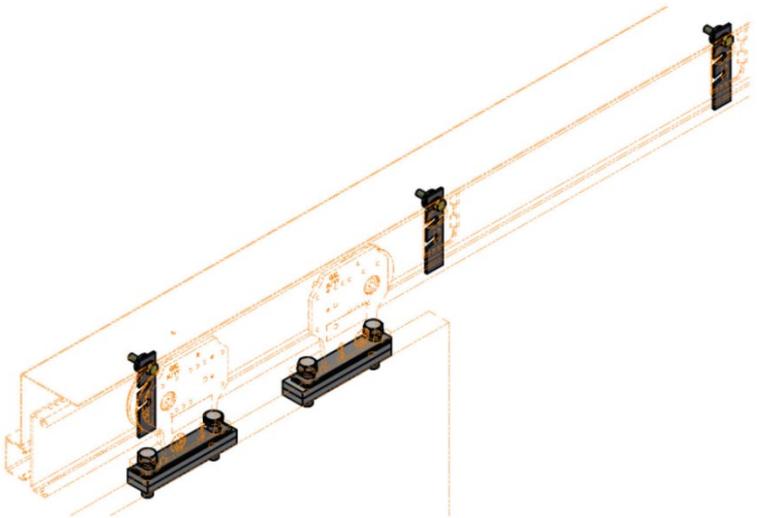
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Dover Hatch Unistrut to GAL Hatch Hanger Assembly Adaptor Kit

*Designed for Installing GAL "A" Tracks in Existing
Dover Unistrut Hoistways*



Installation Guide

Rev A

GAL UNIVERSAL INTERLOCK MOUNTING KIT

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1. Introduction

This kit is designed to allow for easy installation of GAL hatch tracks where there are existing Dover hatch hanger assemblies with unistrut welded to the hatch header. It provides all necessary hardware for installation.

Note: This kit provides a mounting solution for GAL components. It does NOT contain a GAL hatch hanger assembly or interlocks. Those pieces are sold separately.

This kit contains more hardware than needed in most installations, to ensure no additional pieces will be required.

2. Kit Limitations

If the below is exceeded, this kit will not be sufficient. Additional parts will be required.

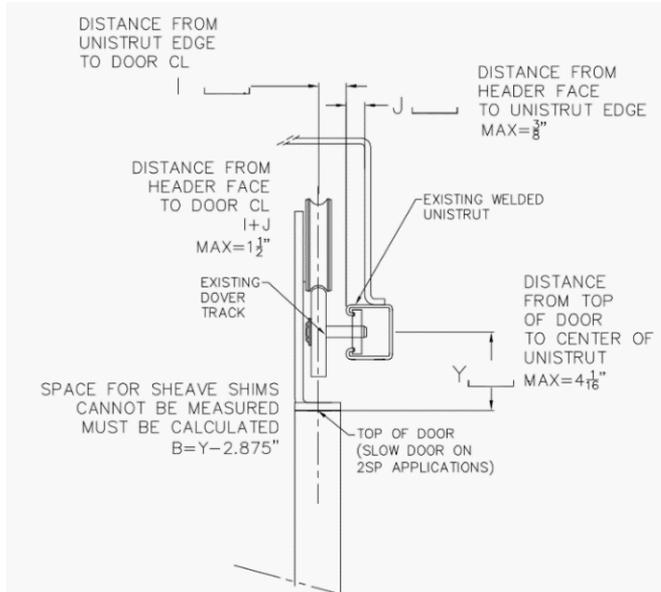
- Distance from the top of the door to the center of the unistrut exceeds $4\frac{1}{16}"$
- Distance from the face of the header to the face of the unistrut exceeds $\frac{3}{8}"$
- Distance from the face of the header to the centerline of the door exceeds $1\frac{1}{2}"$

3. General Installation and Setup

3.1. Preliminary Steps

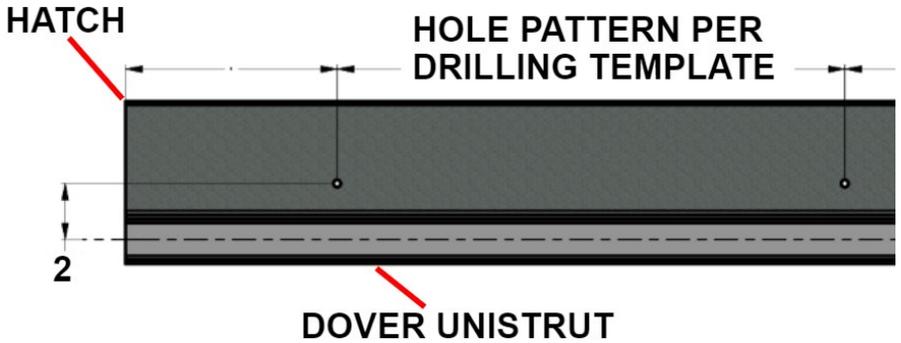
Fill out the provided diagram. This will help determine the number of spacers required to install the tracks and sheaves.

Unhang doors and remove existing dover hangers and tracks.

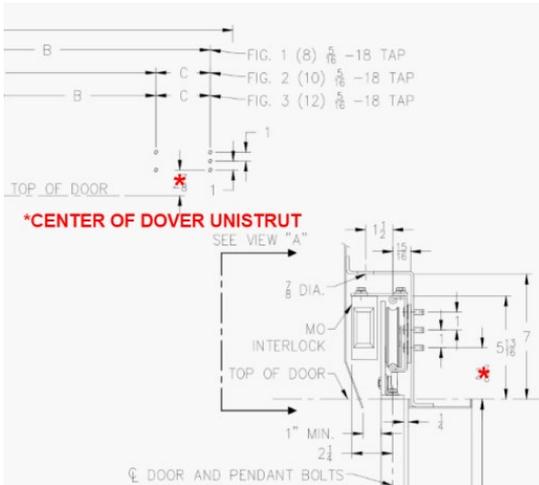


3.2. Track Mounting

Drill and tap holes into the hatch header to mount the tracks. Follow the provided job specific drilling templates for horizontal spacing. The upper holes will be 2" above the center of the unistrut and the holes on either end for the eccentric cams will be 1" above the center of the unistrut.



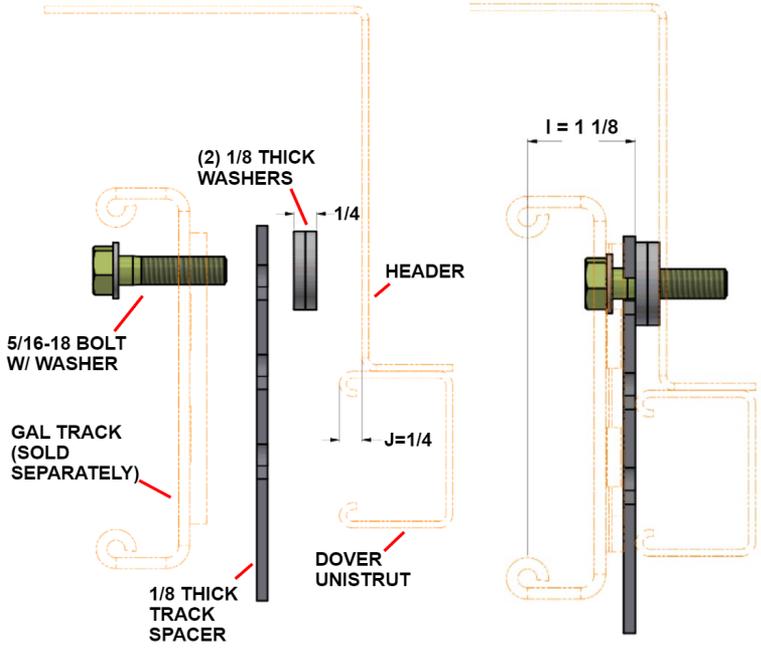
This kit is engineered so the lowest track bolts will be at the center of the unistrut. All other dimensions from the drilling templates will be followed.



Use the shorter 5/16-18 bolts to attach the bottom of the track to the center of the Dover Unistrut, only if strut nuts are on hand. This step is not necessary if there are no strut nuts.

The number of washers you'll need on the top from the back of the track to the face of the header depends on how much the unistrut extends (the J dimension from section 3.1) Use the longer bolts if J is greater than 1/8".

If the I dimension from section 3.1 is more than 1" track spacers are required. The amount required is I-1. Each spacer is 1/8" thick.



3.3. Sheave Mounting

Use the longer bolts provided in this kit instead of the 1" bolts included in the original sheave hardware bag. The 3/8-16 bolts have a shoulder washer that must be added to fit into the slot.



Dover standard tapped doors were for 1/2-13 hardware. However, in the case of new or irregularly drilled doors, 3/8-16 hardware has been provided.

The amount of space needed to be shimmed is $Y - 2.875"$. The spacers provided in this bag are 3/8", 1/8", and 1/32" thick. Add the 3/8" thick bars between the bottom of the sheave and top of the door while hanging the doors. These CANNOT be added after the bolt is attached to the door. The 1/8" and 1/32" hardware can be added at any time. The 1/32" horseshoe shims can also aid in leveling the doors if required.

