



A **VANTAGE** Company

G.A.L. Manufacturing Company, LLC

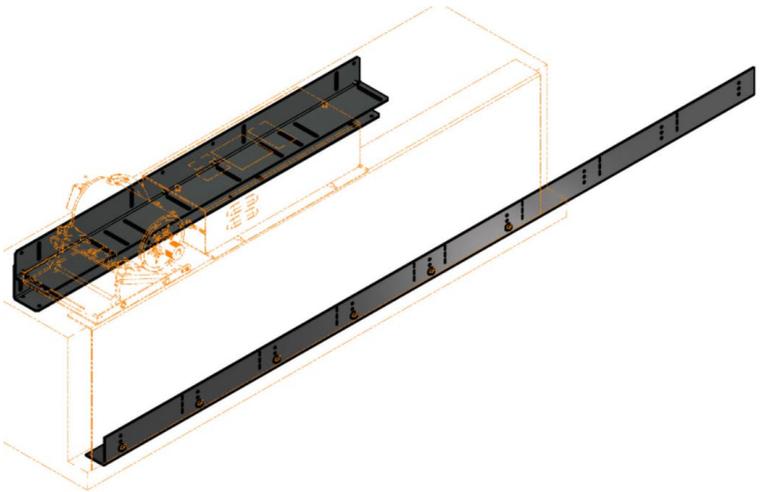
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GAL Universal Operator and Header Mounting Kits

*Designed for All GAL Operators and Car Door
Headers*



Installation Guide

Rev A

GAL UNIVERSAL MOUNTING KIT

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1. Introduction

This kit is designed to allow for easy installation of GAL headers and operators to the transom and cartop during modernization. It eliminates the need for additional brackets from outside vendors and has provisions for all GAL headers and operators.

Note: This kit provides a General mounting solution for GAL components. Some field modifications may be required.

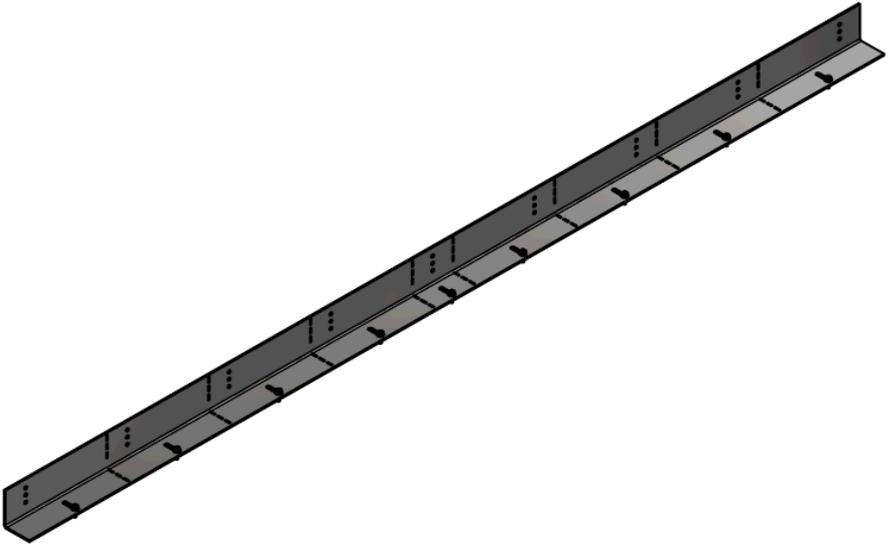
2. General Installation and Setup

2.1. Preliminary Steps

- Remove the car from service, in compliance with standard safety policies.
- Position the cab so the doors and header are accessible from the hoistway.
- Unhang the cab doors and remove all existing door equipment including hangers, tracks, header, and operator.

2.2. Header Mounting

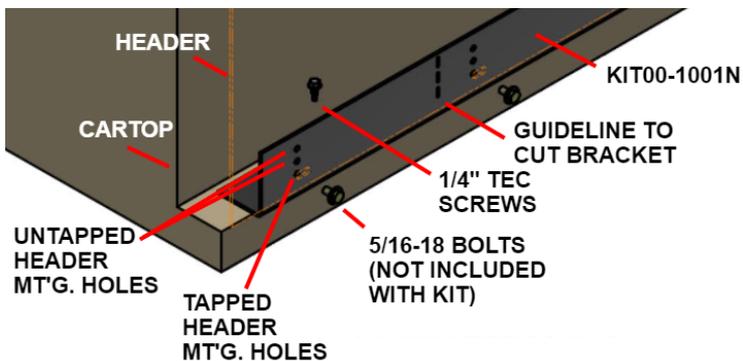
The header mounting kit *P/N: KIT00-0101N* consists of one long “L” bracket, *P/N: KIT00-1001N* designed to mount a GAL header to the elevator cab and the necessary hardware.



KIT00-1001N is designed to be able to mount GAL headers of any length. 5/16-18 holes are spaced 10" apart for the GAL header to be attached. Slots are cut periodically down the length of the bracket to allow for it to be cut down in the field easily if needed.

NOTE: For some installations the bracket does not need to be cut, and/or is shorter than the length of the header. As long as the bracket can be mounted to the cab and header to the bracket, this is okay.

1. If necessary, determine the length the bracket needs to be cut-down to, in order for it to fit on the cab.
 - **NOTE:** The guideline slots are spaced unevenly along the header. The best mounting configuration may require both ends of the bracket to be cut.
 - **ALSO:** Ensure the header can be mounted according to the job-specific drilling templates. For most GAL applications this means the header is mounted starting at daylight (side slide) or the centerline of the opening (center parting).
2. Locate and cut along the appropriate guidelines.
3. Mount KIT00-1001N to the cab using the 1/4" self drilling screws.
4. Mount the header to the angle using the 5/16-18 bolts from the header assembly (not included with KIT00-0102N).
 - 2 other sets of untapped holes are provided in case the header needs to be raised above the standard location.



2.3. Operator Support Mounting

The operator supports mounting kit P/N: KIT00-0102N consists of two identical “L” brackets to support the operator. There are two different mounting configurations designed to support the back of the operator regardless of the distance from the top of the car top to the bottom of the operator.

PLEASE NOTE: Since the Operator Support Mounting Kit is predrilled to mount the operator, the correct location for the operator *MUST* be determined *BEFORE* the support kit is installed.

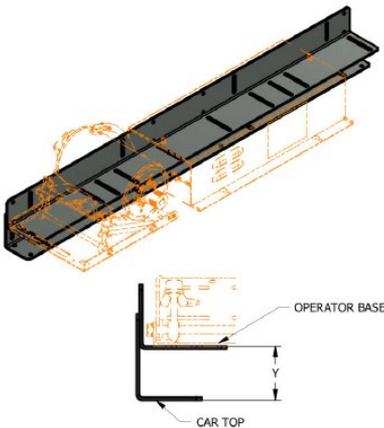
2.3.1. Configurations A & B

Configuration A stacks both brackets on top of each other retaining an “L” shape. If space allows, they can be flipped to form a “Z”.

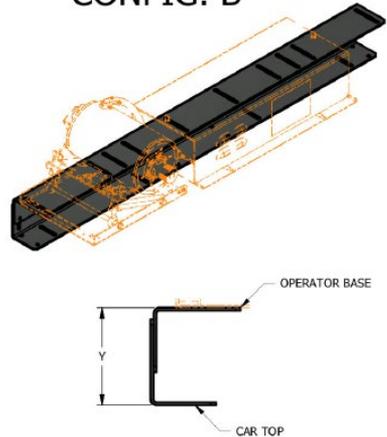
Configuration B puts the 2 brackets together to form a “C” shape.

CONFIG	Y RANGE
A	1/2 - 3
B	3 - 6

CONFIG. A

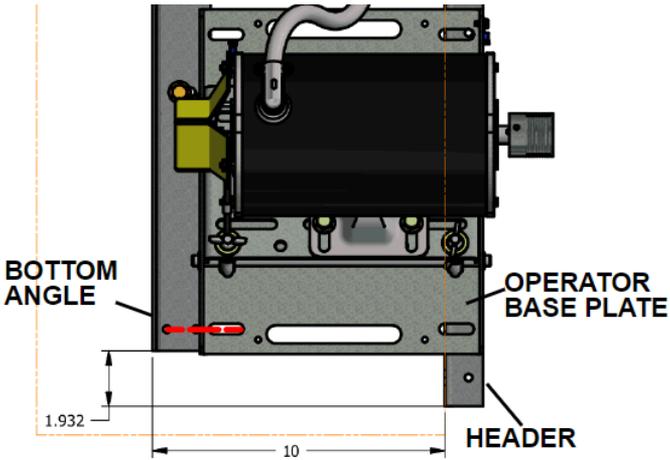


CONFIG. B

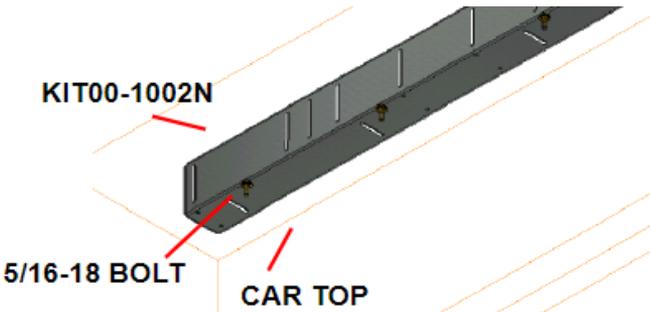


2.3.2. Kit Assembly

- Place the one angle *P/N: KIT00-1002N* so that:
 - The flange with tapped holes is flush to the car top.
 - The tapped holes are in line with the motor base plate slot (about 2" from the edge of the header)
 - The vertical flange is at least 1 ½" from the vertical motor base flange.



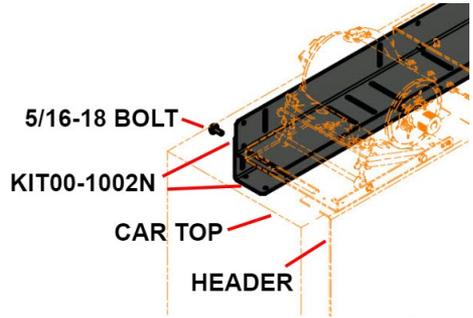
- Drill and tap (4) 5/16-18 holes to mount the bottom angle to the car top.



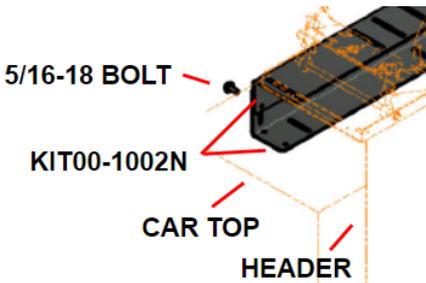
- Mount the top angle to the bottom angle using (4) 5/16-18 bolts.

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- For Config. A, the top angle will have the flange with tapped holes upright and flush with the upright bottom flange.



- For Config. B, the top angle will have the flange with tapped holes facing downward and flush with the upright bottom flange.



- The motor is mounted to the top bracket using 5/16-18 hardware.
- The limit box is mounted to the top bracket using 1/4-20 hardware

