

## DOORS

### Purpose

This document outlines the installation of a gas strut assembly to a ramp door jamb.

### Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels. This manual provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions. This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage, including voiding of the Lippert limited warranty.

#### ⚠ WARNING

**Failure to follow the instructions provided in this manual may result in death, serious injury, vehicle damage, or voiding of the component warranty.**

#### ⚠ CAUTION

**Always wear eye protection when performing service, maintenance or installation procedures. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the task.**

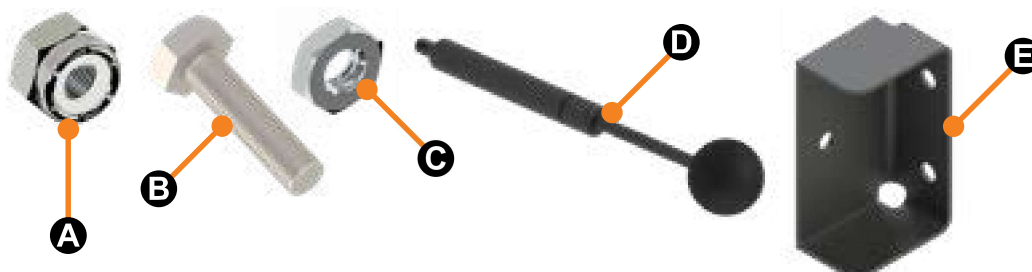
#### ⚠ CAUTION

**Moving parts can pinch, crush or cut. Keep clear and use caution.**

### Resources Required

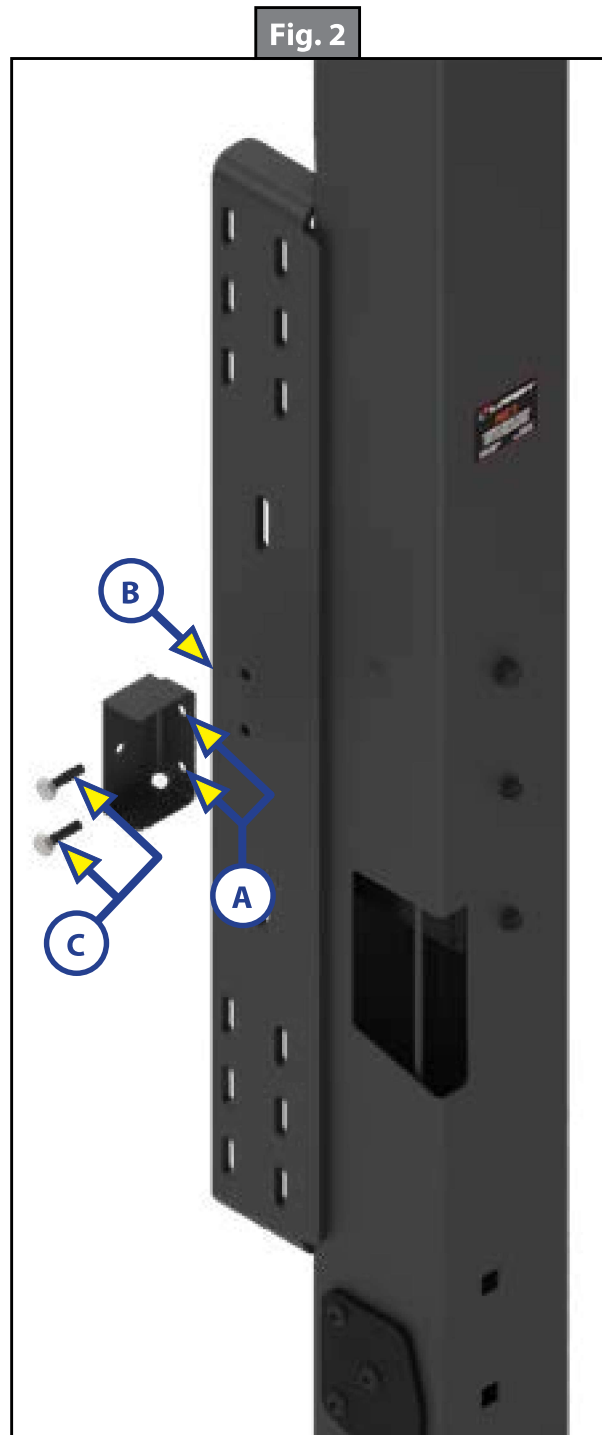
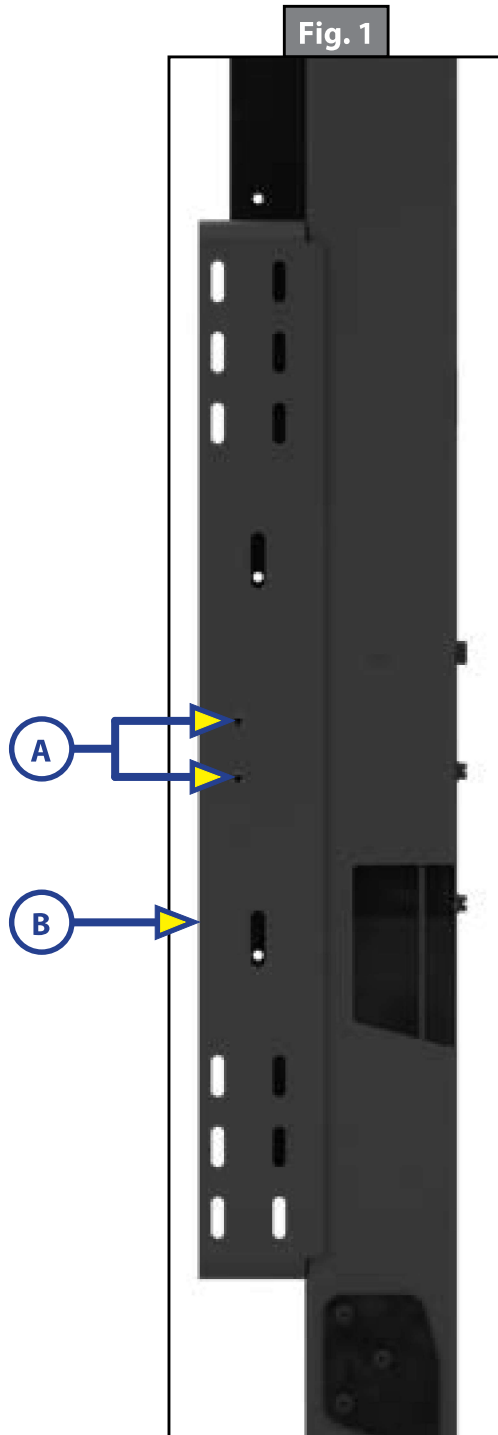
- Loctite® Threadlocker Blue 242®, or equivalent
- 7/16" wrench or socket
- 10 mm wrench or socket
- Ft-lb rated torque wrench

Callout	Part #	Description	Qty
A	<a href="#">118042</a>	Nut, Nylock 1/4"-20	4
B	120621	Bolt, Hex FTHD 1/4"-20 x 1"	4
C	2021016241	Nut, Jam M6 1.0	1
D	2026063521	Gas Strut Assembly - 23 lbs	1
E	2026060302	Prop Bracket, Gas, Weldment	1



## Procedure

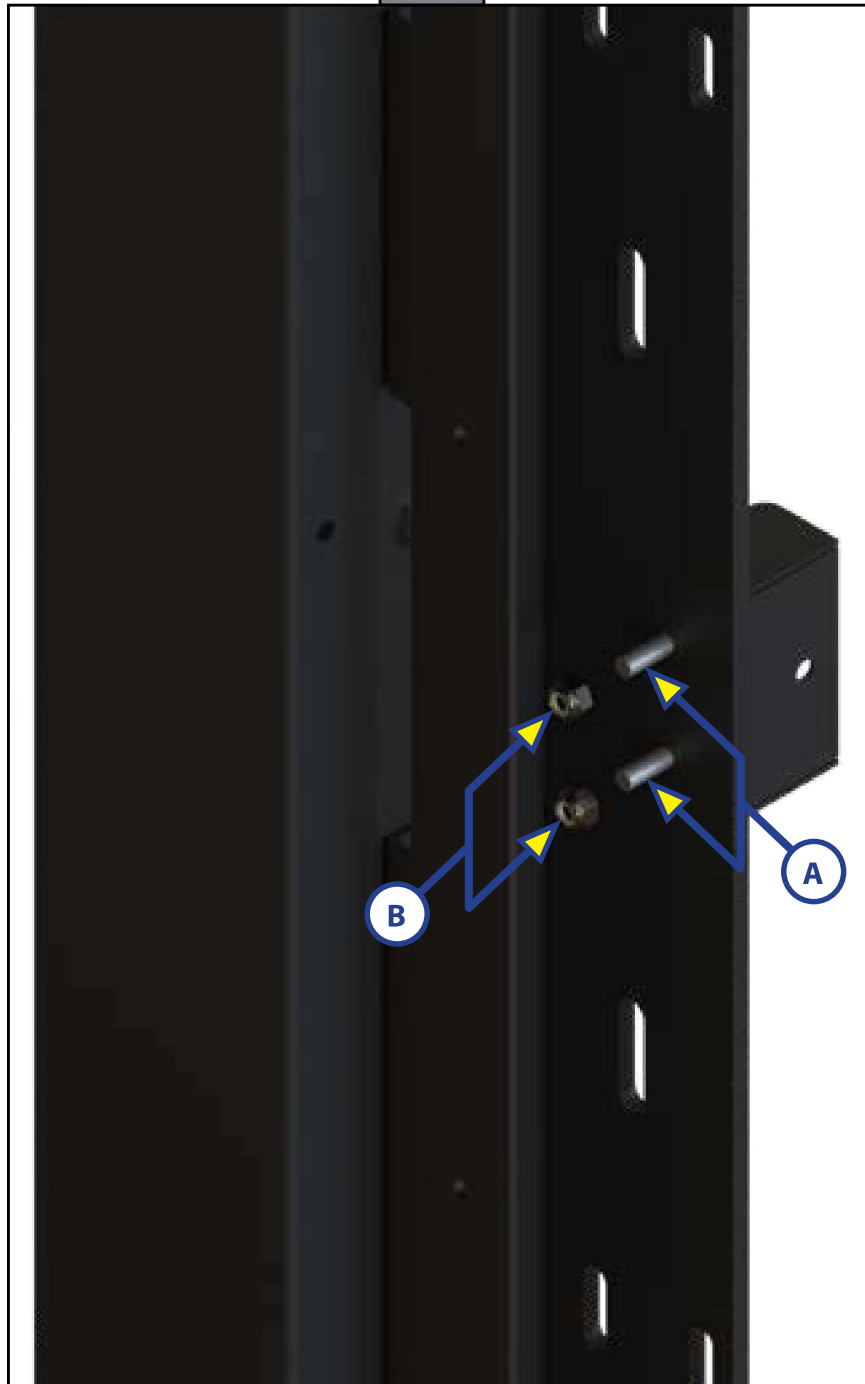
1. Locate the two gas prop bracket mounting through-holes (Fig. 1A) on the vertical jamb plate (Fig. 1B).
2. Align the gas prop bracket mounting holes (Fig. 2A) with the corresponding mounting holes on the vertical jamb plate (Fig. 2B).



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3. Secure the gas prop bracket in-place with two 1/4"-20 x 1" full thread hex bolts (Fig. 2C).
  - A. Insert the two hex bolts through the prop bracket and mounting plate, then apply blue Loctite<sup>®</sup>, or equivalent, to the extending bolt threads (Fig. 3A).
  - B. Install two 1/4"-20 Nylock nuts (Fig. 3B) onto bolts then torque nuts to 20 ft-lbs (27 Nm).

Fig. 3



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- C. Install threaded end of gas strut assembly (Fig. 4A) into the bracket's gas strut mounting hole (Fig. 4B).
  - D. Apply blue Loctite®, or equivalent, to gas strut assembly threads (Fig. 4C) before installing M6 1 jam nut (Fig. 4D)
4. Secure strut assembly in-place with M6 1 jam nut (Fig. 4D).
- A. Tighten nut to bracket's surface.
  - B. Torque jam nut to 20 ft-lbs (27 Nm).

Fig. 4

