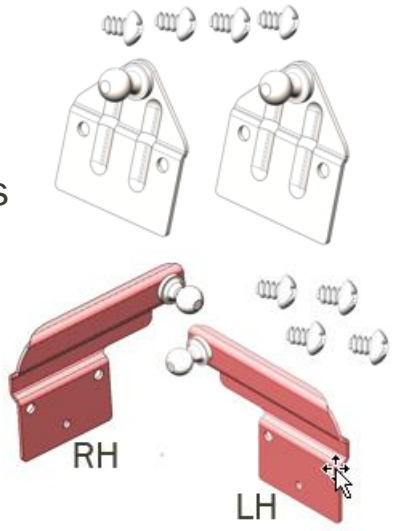
Technical Bulletin#: **TB-LD007** Revision Level: **A**

Title: **Gas Spring Bracket Relocation**

Purpose: **To Show How to Remove and Relocate Gas Spring Brackets on Life Defender Frames.**

On some occasions customers may wish to have a higher opening angle on a restocker, or perhaps a different feel for the closing force than the standard configuration supplied from the factory. In other cases, a different style of bracket may be desired. In these cases, the existing brackets can be removed, relocated, and/or replaced.

- Gas Spring Relocation Kit includes:
  - (2) Brackets and (4) #8 x 1 /4" "B" Screws
  - Austin stocks the following kits:
    - **CF-GSB-KIT-STANDARD** for Standard Brackets
    - **CF-GSB-KIT-OFFSET** for Offset Brackets



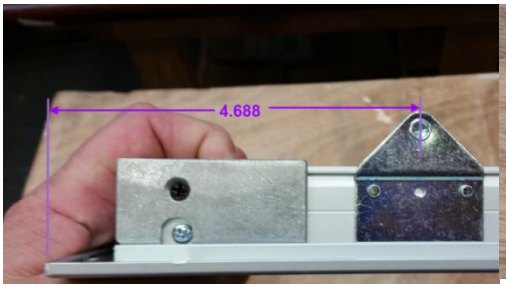
- User needs the following items:
  - .1285 drill bit (or a 1/8" will work)
  - .136 or 9/64" (.140) drill bit
  - New Gas Springs (if required)
  - Cordless drill/driver and Phillips bit

Note that information contained in the Technical Bulletin is subject to change without notice. Austin Hardware did its best to convey accurate information herein; however, every situation is unique, and this information is for helpful reference only, and does not warrant any specific actions any end user undertakes relating to this information.

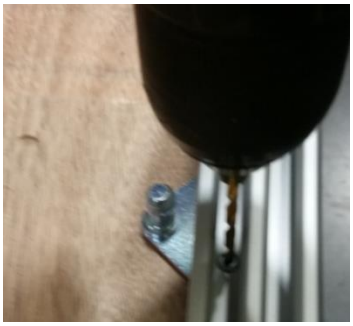
TB-LD007 Rev: A Gas Spring Bracket Relocation

Gas Spring Bracket Removal:

- Reference Pictures of Gas Spring Bracket Riveted in Frame



- Drill out rivets from inside channel using .1285 drill bit



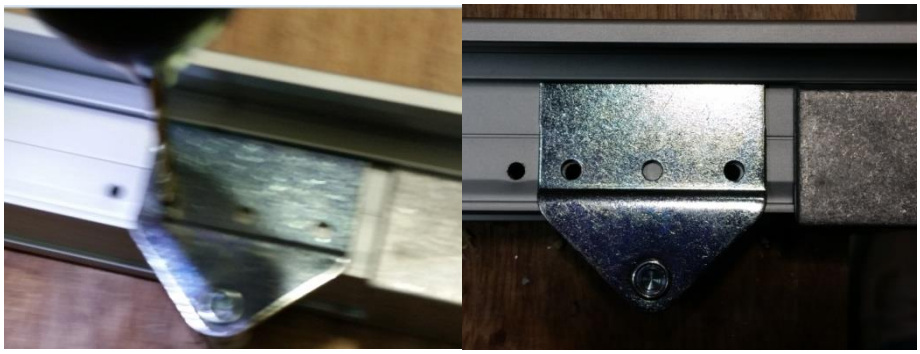
Prep New Bracket Location:

- Bracket Holes are enlarged for the #8 screws.
- Mark a line from one of the existing holes the distance you want to move the bracket.
- Fit the Bracket into the slot of the frame and slide until you see your mark through the hole.


Note that information contained in the Technical Bulletin is subject to change without notice. Austin Hardware did its best to convey accurate information herein; however, every situation is unique, and this information is for helpful reference only, and does not warrant any specific actions any end user undertakes relating to this information.

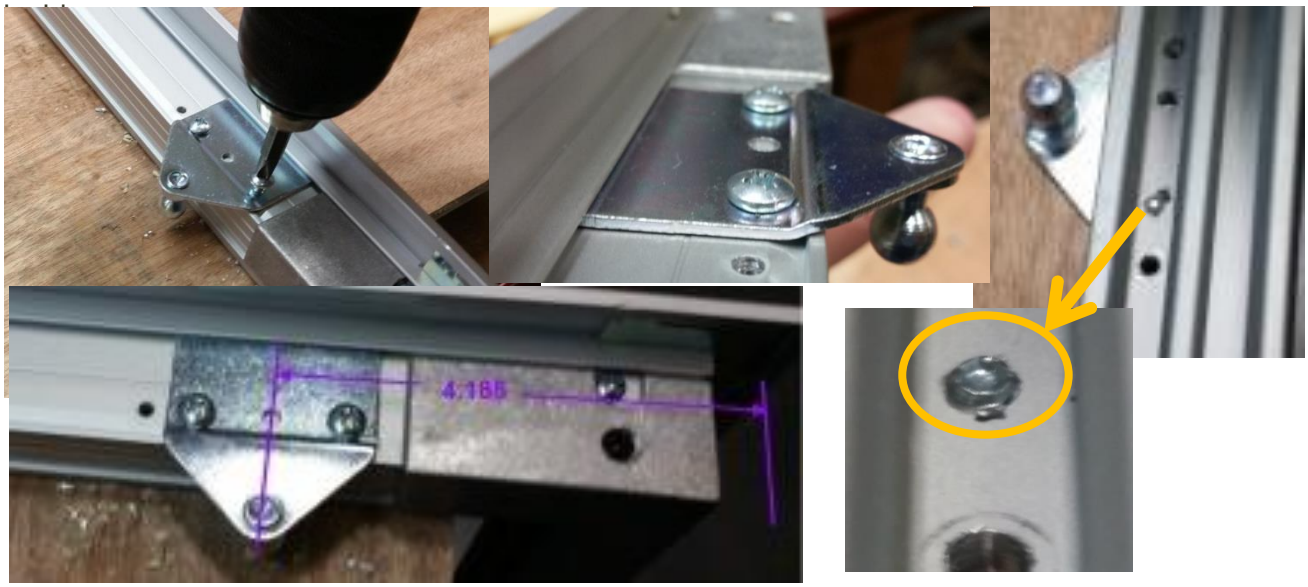
TB-LD007 Rev: A Gas Spring Bracket Relocation

- With the pencil line centered in the hole and bracket pushed into frame slot, drill through the bracket holes using the .136 or 9/16" drill bit. Since the bit is smaller than the enlarged hole in the bracket, try to center the drill bit in the bracket hole if possible.
- You may wish to drill one hole and install one screw first, and then drill the second hole and install the second screw. This may keep the holes you drill better aligned with the holes in the bracket.



Re-Install Gas Spring Brackets

- Screw in #8 x 1/4" "B" Sheet Metal Screws through each hole in bracket and into frame.
- The hole in the extrusion is a intentionally a little smaller than normal for a #8 screw, so it is a tight fit for the screw to move that little bit of extra material as it threads in. You may wish to use screw wax or a bit of WD-40 on the screw to reduce the torque needed to cut the threads through the aluminum.
- The heads of the screws can get close to the bend in the bracket, but that's okay so long as the screw is tight and you see the other end coming through the extrusion channel on the



Note that information contained in the Technical Bulletin is subject to change without notice. Austin Hardware did its best to convey accurate information herein; however, every situation is unique, and this information is for helpful reference only, and does not warrant any specific actions any end user undertakes relating to this information.