



# 2020 I SUV Vault with Bracket

## Install Instructions



### **American Aluminum**

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**\*Please read and fully understand assembly instruction before installing the unit\***

**For Assistance Call 1-800-277-0869**

Please review and double check the unit's Inventory checklist to make sure all components are included



## WARNING

READ ANY AND ALL INSTRUCTIONS BEFORE CONDUCTING INSTALL / REPLACEMENT

FAILURE TO FOLLOW INSTRUCTIONS CAN LEAD TO INJURY AND / OR DAMAGE OF PRODUCT

USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT WHEN CONDUCTING INSTALL / REPLACEMENT

CONTACT AMERICAN ALUMINUM /CAMLOCKER AT (800) 277-0869 WITH ANY QUESTIONS BEFORE PROCEEDING

## 2020 I SUV BRACKET PARTS AND HARDWARE KIT

### QC/Shipping

### Driver and Passenger Side Legs

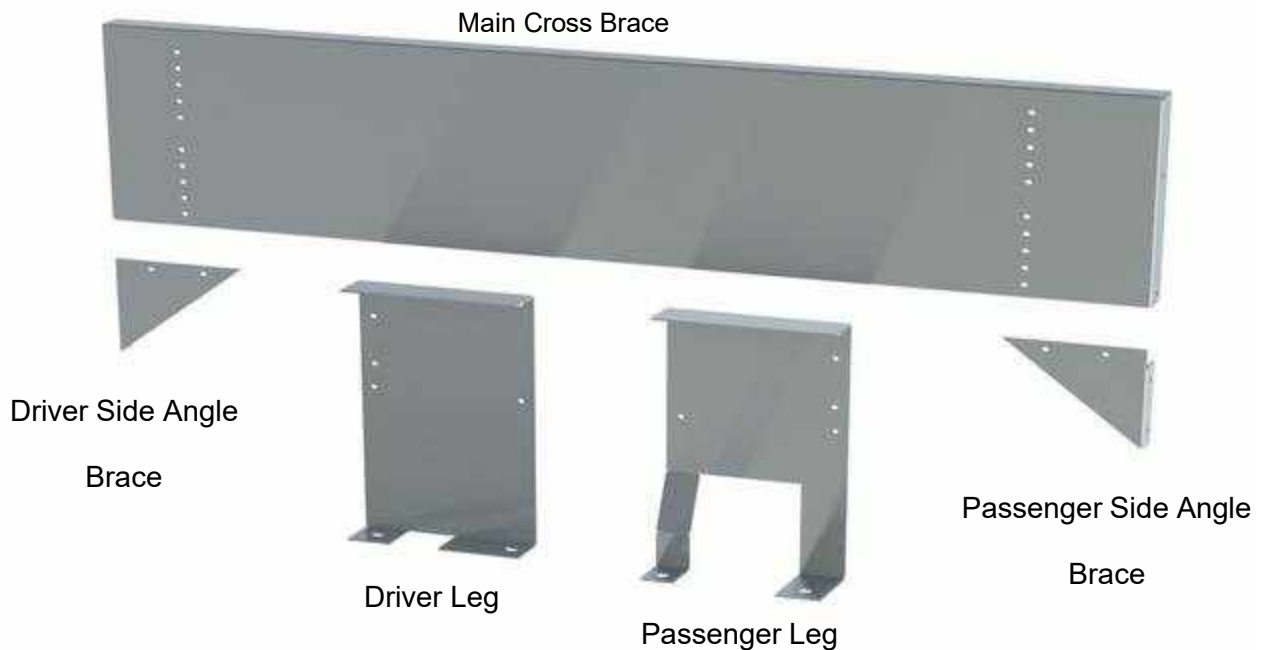
### Driver and Passenger Side Triangles

### One Main Cross Brace

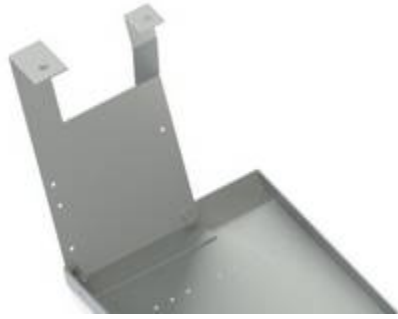
17- 1/4 20 x 5/8 A307A2 Hex Head \*FASTENAL # 11002 (22 with drawer)

17 - BK UP Wash 3/16 Alum Lock Washers \*FASTENAL # 33618 (22 with drawer)

17 - FHNZ Nuts \*FASTENAL # 1136102 (22 with drawer)



1. Start by building the Vault Bracket, it will consist of the 5 parts pictured on Pg.2. Lay the Main cross brace with the opening facing up on your work surface. Locate the passenger leg and included hardware for attaching. Place the continuous side into the open left-hand side of the Main Cross brace ensuring the hole pattern matches up between the Main Cross Brace and the Passenger Leg (Figure 1). Start an included bolt from the outside and place a lock washer and nut on the inside (In that order). Repeat for second mounting point of leg. Repeat the steps above for second leg on DRIVER side. All parts should only be hand tightened at this time (Figure 2).



**Figure 1**



**Figure 2**

2. Next retrieve the Passenger Side Angle Brace and orientate it as shown in Figure 3. Start bolts from outside to the inside and place a lock washer and nut on the inside (In that order). Mirror the orientation of the Driver Side Angle Brace for the Passenger Side Angle Brace and attach hardware as described above. Tighten down all hardware snugly, there is no need to overtighten. Construction of the Vault Bracket is complete (Figure 4).



**Figure**



**Figure 3**

## **Installation into vehicle**

1. To prepare the vehicle for installation start by removing the Spare tire cover (Figure 5) and the foam trim around the rear vehicle opening. Set aside for reinstallation later.



**Figure 5**

2. Next remove the two 8mm bolts holding the passenger and driver foam end pieces (Figure 6) in place and then remove the foam pieces. Set aside for reinstallation later. Figure 7 should be what your workspace looks like.



Figure 6



Figure 7



Figure 8

3. Now remove the four (4) 18mm factory cross brace bolt (Figure 8). Locate the completed bracket assembly and with angle braces facing the rear of the vehicle line up the 4 mounting holes with the holes in the floor for the 18mm bolts. This will require lifting the rear large foam piece to slide the legs under the foam. Tighten down ensuring you are also reconnecting the factory cross brace to the vehicle. You can now reinstall all of the parts from steps 1 and 2 above.
4. You will now remove the vault drawer from its assembly by sliding the drawer out and pressing the black clip on the slide piece attached to the drawer while simultaneously sliding the rest of the slide assembly into the vault assembly. Do this for the left and right side. After doing this the drawer will slide out.



Figure 9



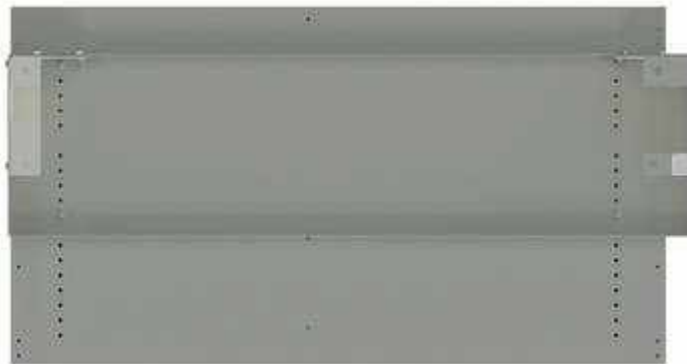
Figure 10

5. Place the vault assembly minus the drawer on the installed bracket. The holes on the bottom of the vault assembly will line up with the holes on the bracket cross brace. Test close rear hatch to ensure the vault is far enough back to not hit the rear hatch when closed. Insert an included bolt from the inside of the vault and place an included lock washer and nut on the outside of the vault. Bolt assembly placement should be the two (2) furthest back and two (2) forward points that catch both the Vault assembly and bracket (Figures 10 & 11).

**Note: Figure 11 & 12 for illustrative purposes only. Your final placement will most likely vary according to other installed equipment.**



**Figure 11**



**Figure 12**

6. Next reinstall the drawer by lining up the slide parts on the drawer (three are three including the bottom one) and slide the drawer into the vault body. There should only be a little tension so if it seems stuck do not force it just double check it is still started on all three slides. Slide the drawer open and shut a couple times to ensure it is moving freely.



**If this vault going is installed in a civilian vehicle it bolts down to the same points. The only thing you will need to do is trim the plastic pieces on either side. It will look like this when it's done.**

