

# SacCityCorvette's C6 Billet LUX Hood Hinge Installation Instructions

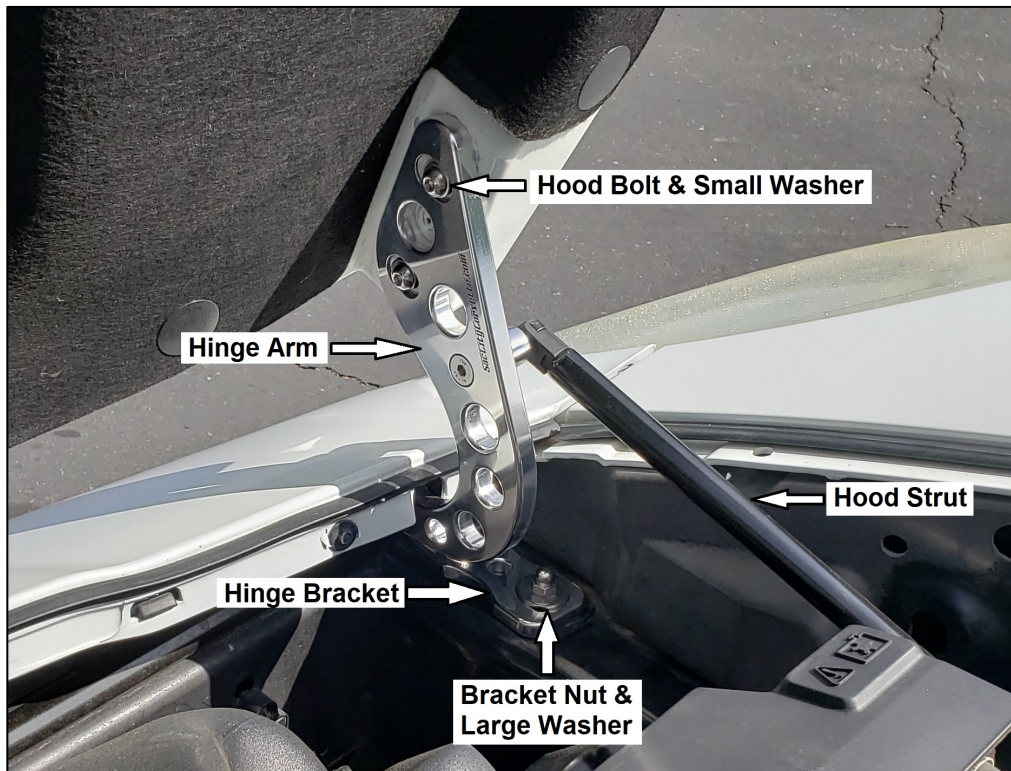
## Please read before you start the install!

**Before removing the factory hinges,** make note of the factory hood gaps and edges. Cover fenders and nose to prevent any scratches. Tape edges of hood, fenders, and nose with painters' tape to prevent any nicks during fitment.

### Things to know about your new C6 LUX Hood Hinges:

Handle your LUX Hinges with care so they don't get scratched. Lux Hinges are not anodized or coated because in our tests, anodizing diminished the beautiful polish finish. They have been polished with Mother's Billet Polish (recommended). A polished finish is sufficient for the LUX Hinges because once installed, they are not touched or handled. Maintenance only requires cleaning with soap, water, and a non-abrasive cloth, drying them off, and finishing with aluminum polish.

**Figure 1 – Installed LUX Hinge with Parts Labeled**



### Installation

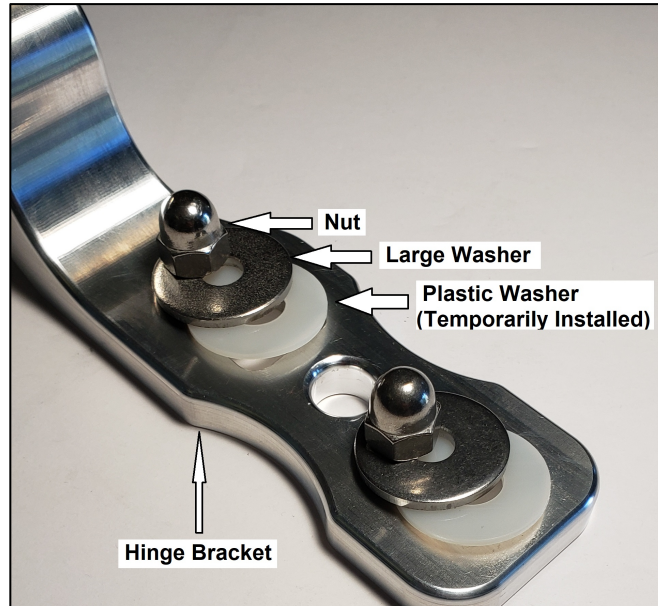
1. Only replace one hinge at a time. The other factory hinge and strut will help hold the hood in place while installing the LUX Hinge.
2. Support the side of the hood you are removing the hinge from with a short 2x4 wrapped in a towel – see Figure 2:
3. Remove the hood strut completely from the side you are working on, so it won't be in the way during hood adjustment. You may have to support the hood with a rod if the other strut won't hold the hood open on its own. Remove one of the factory Hinges and carefully install your new LUX Hinge using the supplied hardware. **DO NOT** connect the hood strut until the hood is completely adjusted the way you want it.



**Figure 2 – Supported Hood**

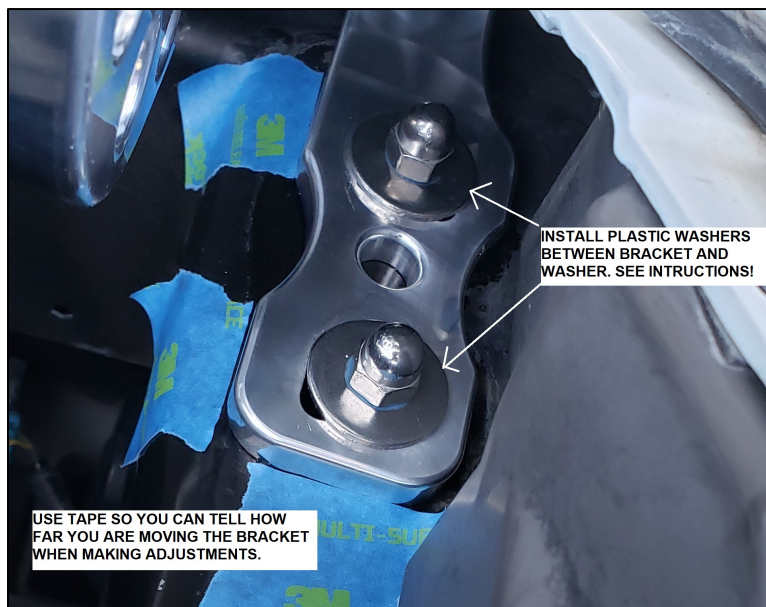
4. **First, loosely install the bracket of the hinge to the frame.** For the initial install, use the supplied plastic washers (they will be removed later) between the bracket and the large washers. **The plastic washers will keep the bracket from getting scratched during the hood adjustment phase.** DO NOT tighten the bracket yet so it can be adjusted, and not bind, when connecting the hinge arm to the hood.

Figure 3 – Order of Installation of Washers



5. Second, apply 242 Loctite on the supplied bolt threads and install bolts & small washers through hinge arm and screw into hood. Lightly snug the hood bolts to hold the hinge to the hood and then snug the hinge bracket to the frame. DO NOT install the hood strut yet so you can adjust the hinge bracket if needed.
6. Now, slowly lower the hood being VERY CAREFUL that it doesn't contact the fender or front fascia. Keep in mind that the hinge bracket allows left/right and front/back movement of the hood. The hood bolts allow the up/down movement and tilting of the hood. It will most likely take a few adjustments to get it where you want it.

Figure 4 – Adjusting the Hinge Bracket



7. Once the hood is adjusted where you want it and all snugged down enough so it won't move, you can **remove the plastic washers, one-at-a-time**. Apply 242 Loctite to the nuts threads and reinstall with only the large washer and tighten down. Don't over tighten and break stud off frame – 18 ft. lbs. torque is the factory specification.
8. Now reinstall hood strut and move to the other side and repeat steps 1 thru 8.

#### **Tips**

- Using a piece plastic or wood about a foot long and lightly tapping it to move the hinge bracket in small increment's works well.
- To move the hood, putting one hand at the bottom of the hood (where the towel/2x4 are in placed) then using your shoulder to move the hood.
- Also, you put painters tape on the frame next to the hinge bracket so you can see how far you are moving it – *see figure 4 above*.

**If you have any questions Call or Text 916 968-4451 or Email**

**[Sales@saccitycorvette.com](mailto:Sales@saccitycorvette.com)**