

Pneumatic Hood Lift System Instructions (Billet Hood Brackets)

www.disruptiverestomods.com

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**** WARNING –** Inspection of the hood needs to be completed before installation. If the hood is fiberglass or has been modified, have excessive body-filler or hood has existing cracks or creases along the edge of the hood or in the hood it recommended not to install the Pneumatic Hood Lift System. Hood should **never** be closed from one side it should **always** be closed from the **front**. Disruptive Restomods LLC does not cover any claims to damage.

1. Install the Ball Stud into each of the Hood Supports with 5/16 lockwasher



Passenger side Hood Support

Driver side Hood Support

2. Install the Ball Stud into each of the Fender Supports with 5/16-18 locknut & lock washer



Passenger side Fender Support

Driver side Fender Support

3. Open the hood and use existing prop rod to hold the hood open.

4. Tighten 3rd Fender bolt back from the front (radiator support) on each side. The one forward of hood bumper. See Fig. A

5. Place the Passenger side Fender Support **under** the fender and align the top hole with the previously tightened Fender bolt. Place a 3/8" lockwasher over the threads of the fender bolt and use serrated 5/16-18 flanged nut to temporarily hold the Fender Support to the fender. (repeat on Driver's side)



6. Using the Fender Support as a guide mark the hole location of the hole on the angled portion of the Fender Support on the inner fenderwell for both driver and passenger sides.

7. Remove the Fender Supports. Center punch the holes locations several times to make a very good indentation.

8. Drill to 5/16" using step bit & preferably right-angle drill. (Note: sometimes a smaller drill bit, or center drill can help in starting a hole when drilling on angled surfaces) ***Be careful not to drill too far and damage the underside of the fender.**

9. Place the Fender Supports back **under** the fenders with the 3/8" lockwashers and serrated 5/16-18 flanged nuts and tighten the Fender Supports to the fender.

10. Place 5/16-18 X 1/2" Button head bolt thru the hole. Then from the outside of the fenderwell place a flatwasher and 5/16-18 Locknut and tighten. (repeat on Driver's side)

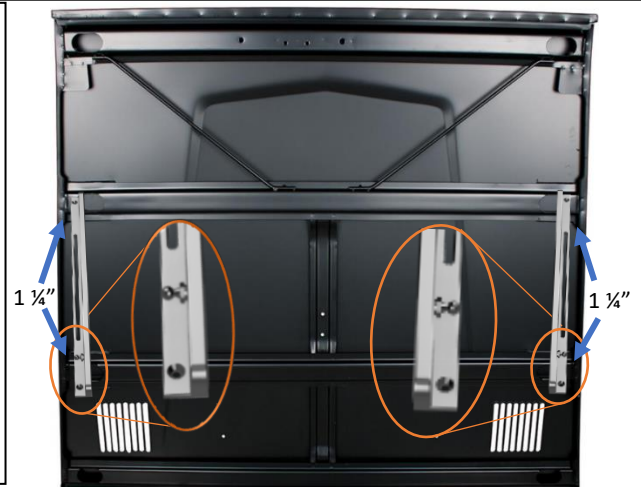


11. Place passenger side Hood Support over the hood crossbracing. The Ball Stud should be facing towards the outside of the vehicle. Align the side of the Hood Support to 1 1/4" from the edge of the hood. Position the Hood Support holes to be close to the middle of each hood crossbrace. Mark the hole centers.

12. Use a punch to mark the center of the hole.

13. Prepare a 1/4" drill bit by applying tape a 1/4" from the end of the drill bit.

14. Drill the previously marked holes with the 1/4" drill bit being careful not to go past the 1/4" tape. *** Careful- Do not drill into bottom of the hood. You may use a piece of wood for further insurance.** (repeat on Driver's side)



15. Place 1/4-20 X 5/8" Flat head bolt thru the Hood Support and each hole. Then from inside the hood cross brace place a flatwasher and 1/4-20 Locknut and tighten. (repeat on Driver's side)



16. Prepare the Stainless Lift Cylinders by locating the locking pins at the rod ends. Twist the pins to unlock them from the shaft and then remove them from the rod ends. * Be careful not to lose the locking pin

17. Push the large cylinder end of the Lift Cylinder over the passenger Ball Stud located on the Hood Support. Push the locking pin into the end of Lift Cylinder rod end and twist to lock onto the shaft. * Be careful not to lose the locking pin

18. Push the small cylinder end of the Lift Cylinder over the passenger Ball Stud located on the Fender Support. Push the locking pin into the end of Lift Cylinder rod end and twist to lock onto the shaft. * Be careful not to lose the locking pin

19. Remove the hood prop and insure hood is able to stay open on its own. If not then have another person hold the hood open while completing the Driver's side Lift Cylinder installation (repeat step 17 -18 on Driver's side)



20. At the **front** of the vehicle **very carefully** close the hood while inspecting for any interference. If any interference is detected stop and rectify.

21. After confirming the hood closes without interference, open the hood. The hood should open smoothly without any binding.

22. Remove original hood prop and bracket as the Pneumatic Hood Lift System installation is complete.

23. As a reminder always **open** and **close** the hood from the front of the vehicle.



Fig A - Passenger side shown

