



**MS149-31 1957 Chevrolet  
Billet Hood Hinge Instructions**

We would like to take this opportunity to **THANK YOU** for purchasing EDDIE MOTORSPORTS products. We welcome any comments or feedback you might have. If you have any questions about our products or about the installation procedure, please feel free to contact us.

**Before beginning the installation, please read:**

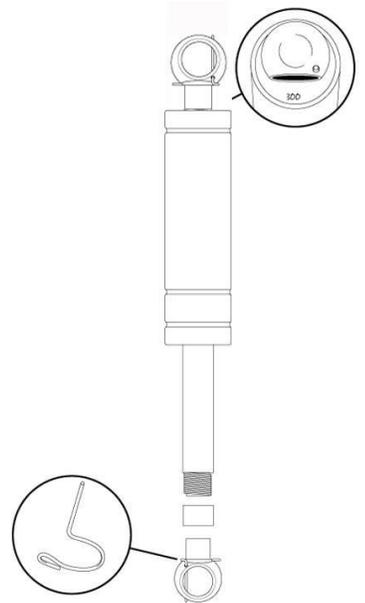
- \* Read all of the instructions thoroughly before beginning the installation. If you do not feel that you have the mechanical aptitude to complete the job in a safe manner, Eddie Motorsports strongly recommends that you employ the services of a knowledgeable technician to perform the installation.
- \* Use the packing list to verify that you have received all of the components and fasteners.
- \* We recommend that you protect your paint from scratches by liberally applying blue painter's tape to all contact surfaces, corners and seams of the fenders and hood before beginning the installation. **Eddie Motorsports will not be held responsible for scratches or damages that occur during the installation process.**
- \* Take note of your hood's fit and finish (taking photographs would be best). Pay close attention to the width of the seams, alignment of the hood to the fenders, cowl, etc. This will help in the final adjustment of the hood and prevent you from spending time trying to correct a pre-existing condition.
- \* Do not attempt the installation alone. There are several steps in the installation process that require two people to complete safely.
- \* To prevent galling of stainless steel fasteners, apply anti-seize compound to all bolt threads. Fasteners that have seized will not be warrantied.
- \* Eddie Motorsport's hood hinges are designed as direct replacement, bolt-on parts. However, due to the age of your vehicle, the lack of quality control that existed when it was originally built, and the vast array of (mostly imported) replacement sheet metal, our hinges may not fit exactly as they did on the vehicle(s) that we used to design them. Should you feel that the fit is not to your satisfaction; Eddie Motorsports, upon proof of purchase from us, will refund your money.
- \* Eddie Motorsports hood hinges are supplied with a nitrogen filled gas strut that we have pre-determined to be the correct strength for your vehicle's hood. Should your hood be lighter or heavier than the original hood that we tested, we will gladly exchange the struts for ones that have the strength to more adequately work with your application. Also note that the pressure in the struts will be **reduced** when exposed to cold weather. For your reference, the strut weight is marked on the end of the strut body.
- \* Eddie Motorsports does not guarantee the function of our hood hinges on hoods that have been modified (i.e. added hood scoops, excessive customization, heavy bondo, mirrors or under hood additions **OF ANY KIND**).
- \* Due to the extreme variance in construction quality, rigidity, and weight, Eddie Motorsports does not guarantee the function of our hood hinges with fiberglass or carbon fiber hoods.
- \* On some models, there is a seam on the firewall that runs parallel to the hinge mount. In many cases, this seam must be relieved with a die grinder to prevent it from interfering with the actuation of the hinge strut.
- \* On some models, the hood may not open as far as it did with the original hinges. We provide spacers with the struts that will allow you to extend the strut end slightly for more opening. Be aware that this may cause the hood to open too far and be difficult to close. Should this be the case, we recommend that you remove the spacers.
- \* Eddie Motorsports is not responsible for applications that are outside the normal and intended use of our products including specific model and year applications.

Packing List: 1957 CHEVROLET HINGES

1 – Right Hand Hood Hinge Assembly	4- 5/16" flat washers
1 – Left Hand Hood Hinge Assembly	2 - 3/8" X 1-1/4" hinge mounting bolts (upper)
2 – Gas Struts	2 - 3/8" X 1" hinge mounting bolts (mid, lower)
4- 5/16" X 1" hood bolts	4 - 3/8" AN washers
4- 5/16 AN washers	4 - 3/8" flat washers

**INSTRUCTIONS:**

1. Remove hood
2. Remove the factory hinges from the firewall.
3. Check the threads in your firewall with the new bolts. It may be necessary to clean the threads with a tap or thread chaser.
4. **BEFORE** installing the hinges onto your vehicle, you will need to install the stainless steel gas struts. Remove the wire keeper from each socket end of the strut and install onto the hinge. Note: there is a small clip inside each of the ball sockets. If you are having a difficult time pushing the strut over the ball stud, do not force it. This is likely caused by the inner clip being dislodged from its groove. Use a pick or screwdriver to place it back in the groove. Apply a small amount of grease to the ball stud. Do not replace the external wire keepers at this time as you may need to remove the struts to adjust the hinges. **Note: you will NOT be able to collapse the struts without them being installed.** Install the struts with the shaft side down ("body" end up as shown in the illustration) in order to insure proper operation and to prevent failure.
5. Position each hinge on the corresponding side of the firewall, apply anti-seize to the threads, and attach using the supplied 3/8-16 X 1" & 1 1/4" Button Head Bolts and AN washers. Tighten bolts so they are securely attached to the firewall. At this time, DO NOT attach the hood hinge fender brace. **\*\*NOTE: If your battery tray is in the stock location it may be necessary to use 5/16 AN washers to shim the tray laterally for more clearance.**
6. Depending on your hood manufacturer, you may need a shorter bolt when attaching the hinge to the hood. Check the length before installing and tightening. To make it easier to open and close the hood during adjustments, we recommend that you remove the lower hood latch. Attach the hood to the hinges using the supplied 5/16-18 X 1" bolts with a flat washer and AN washer. Be sure to use anti-seize on all bolts before installing.
7. To avoid hitting your cowl when closing the hood for the first time, slide the hood as far forward as possible before closing. Close the hood **CAREFULLY** making sure it does not hit the fenders or cowl.
8. Check the height and position of the hood. Make any adjustments by repositioning the hinge slightly at the hood or fender locations. Note that some installations may take considerably more time than others to properly adjust.  
Tips for adjustments: to adjust height = adjust at firewall plate, to adjust front to back= adjust at hood plate, to adjust left to right= adjust at hood plate **PLEASE NOTE: IT IS NOT NECESSARY TO MODIFY THE MOUNTING SLOTS IN THE HINGES TO ACHIEVE MORE ADJUSTMENT. DOING SO WILL VOID ALL WARRANTIES.**
9. Once the hood position has been set to your satisfaction, attach the hood hinge fender brace and securely tighten all bolts, re-install the hood latch, and remove painter's tape.



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