



## GM Cars & Trucks Hood Hinge Installation 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 may 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 you 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.
- \* In some instances, the Eddie Motorsports hinges may not operate correctly without being installed on the car **WITH** the hood attached. We will be unable to assist you with any fitment questions until you have completed the installation to this point.
- \* 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:

2 –Hinge Assemblies (RH/LH)	4 – 3/8" flat washers
2 – Gas Struts	4 – 3/8" AN washers
8 – 3/8-16 X 1 1/4" Button Head Bolts	

### INSTRUCTIONS:

1. Remove hood
2. Remove the factory hinges from the fenders
3. Check the threads in your fenders 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, apply a small amount of grease to the ball stud on the hinge and remove the wire keeper from each socket end of the strut. Install the stainless steel gas struts onto the hinge with the shaft side down ("body" end up) in order to insure proper operation and to prevent failure. **NOTE: you will NOT be able to collapse the struts without them first being installed and using the leverage of the hood.** Also, use caution as there is a small internal ring clip on the inside of the strut end. Should this become dislodged from its mounting groove, it will make it difficult to install the strut on the ball stud. Do not replace the wire keepers at this time as you may need to remove the struts to adjust the hinges.
5. Position each hinge on the corresponding fender, apply anti-seize to the threads, and attach using the supplied 3/8-16 X 1-1/4" Button Head Bolts and an AN washer. Tighten bolts so they are securely attached to the fender.
6. Depending on your hood manufacturer, you may need a shorter bolt when attaching the hinge to the hood. Carefully check the length before installing completely and tightening. To make it easier to open and close the hood during adjustments, we recommend that you remove the hood latch from the hood. Attach the hood to the hinges using the supplied 3/8-16 X 1-1/4" bolts and a flat 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 fender 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, securely tighten all bolts, re-install the hood latch, and remove painter's tape.

