



MS149-29 '88-'98 Chevy/GMC C/K Trucks '92-'99 Blazer/Jimmy/Suburban/Tahoe/Yukon 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 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.
- * In most instances, the Eddie Motorsports hinges will not operate correctly without being installed on the car **WITH** the hood attached. We will be unable to assist you with any fitment or operation questions until you have completed the installation with the hood and struts installed on the vehicle.
- * Eddie Motorsports is not responsible for applications that are outside the normal and intended use of our products including specific model and year applications.
- * To assist you with this project, view the installation video in the tech support videos page on www.eddiemotorsports.com

Packing List:

- | | |
|--------------------------------------|-------------------------------|
| 2- Hood Plate Hinge Arms (LH/RH) | 2- Stainless Steel Gas Struts |
| 2- Fender Mounted Strut Base (LH/RH) | 4- 5/16" Accent Washers |
| 6- M8 x 25MM SS Button Head Bolts | 2- 5/16" SS Spacers |
| 2- 5/16-18 x 1" SS Button Head Bolts | 6- 5/16" AN Washers |
| 2- 5/16-18 x SS Thin Ny-Lock Nuts | |

INSTRUCTIONS:

1. Remove the factory under hood light from the hood with a 7mm Socket. (Figure 1)
2. With help to support the hood, use a 13mm socket to remove the four bolts holding the hood to the factory hinges and safely move the hood out of the way. **DO NOT ATTEMPT TO DO THIS ALONE!** (Figure 2)



Figure 1

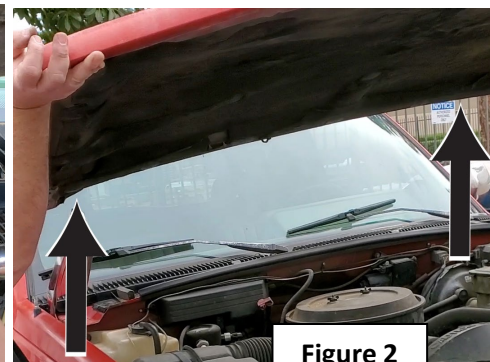


Figure 2

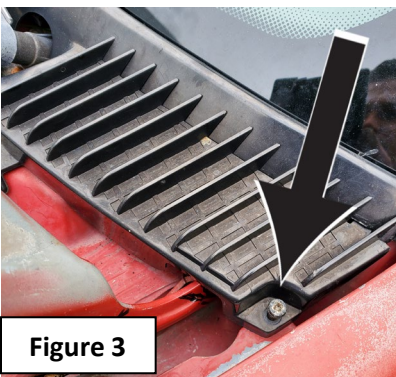


Figure 3

3. Remove the driver and passenger side small cowl vent pieces with a Phillips screwdriver. (Figure 3)

4. Using a 13MM socket and wrench, remove the bolt and nut that attach the drivers side factory hood plate to the fender bracket. Repeat for the passenger side. (Figure 4)

5. With a 13MM Socket remove the bolt holding the driver's side hinge spring to the inner fender. Then remove the driver's side spring and hood hinge assembly from the vehicle. These will no longer be needed. (Figure 5)

6. Next using a 13MM end wrench remove the bolt holding the passenger side hinge spring to the inner fender. Then remove the passenger's side spring and hood hinge assembly from the vehicle. These will no longer be used. (Figure 6)



Figure 4



Figure 5



Figure 6

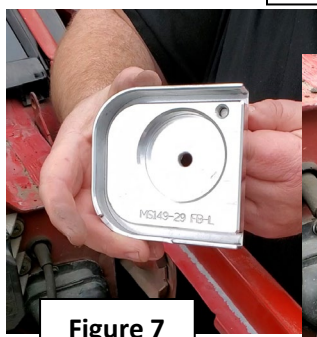


Figure 7



7. Place a 5/16" SS AN washer on an M8 x 25mm SS Button Head Screw. Use the bolt with washer to install the fender mounted strut brace on the driver's side fender with a 5mm Allen Wrench. This brace will be located over the hole where the factory hinge spring was mounted and should fit snug over the groove of the fender that matches the back side of the fender mounted strut brace. (Figure 7)

8. Repeat the same steps for the passenger side to install the passenger side fender mounted strut brace.

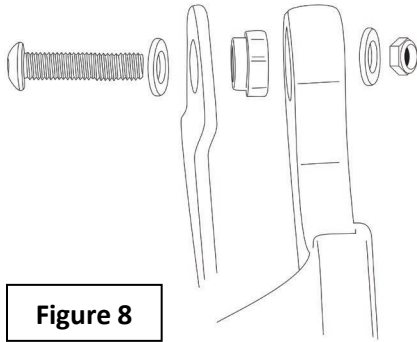


Figure 8

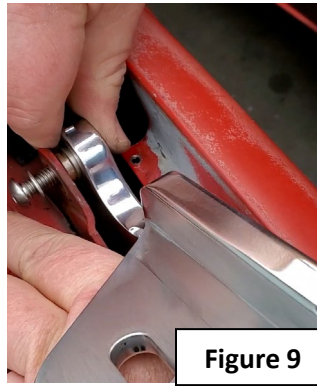


Figure 9

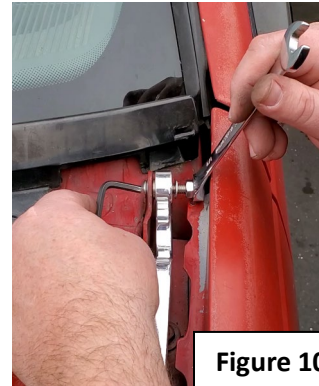


Figure 10

9. Take the driver's side hood plate and install it to the factory hood hinge mount on the cowl. To install this piece, you will need the following:

- MS149-29 HP L (1)
- 5/16-18 X 1" SS BHCS (1)
- 5/16" AN Washer (2)
- 5/16" SS Thin Ny-lock Nut (1)
- 5/16" SS Spacer (1)

See Figure 8 take (1) 5/16" AN Washer and install on the 5/16-1" SS BHCS then slide the bolt through the hood plate bearing towards the engine compartment. Take the SS spacer and slide it over the exposed threads of the bolt with the shoulder going towards the factory hinge mount (Figure 9) slide this assembly through the hole in the hinge mount. Take the remaining 5/16" AN washer and slide it over the rest of the bolt sticking through. Finally install the 5/16" SS Thin Ny-Lock Nut and tighten the whole assembly with a 3/16" Allen wrench and a 1/2" end wrench (See figure 10).

10. Repeat the same steps for the passenger side.



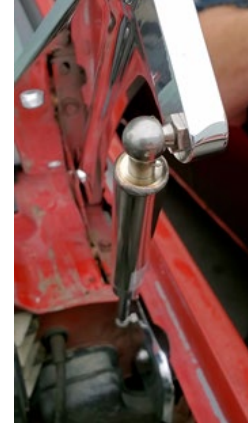
Figure 11



Figure 12



Figure 13



11. Remove the pins from the ends of the ball studs and install the gas strut on the driver's side fender mount strut brace (figure 11). Then raise the hinge arm/hood plate and install the strut on the ball stud. Make sure the body of the gas strut is facing up towards the hood (figure 12). Insert the pins back in the cup of the gas struts. (Figure 13)

12. Repeat the same steps on the passenger side.

13. Re-install the small cowl vent covers back on the driver and passenger side.

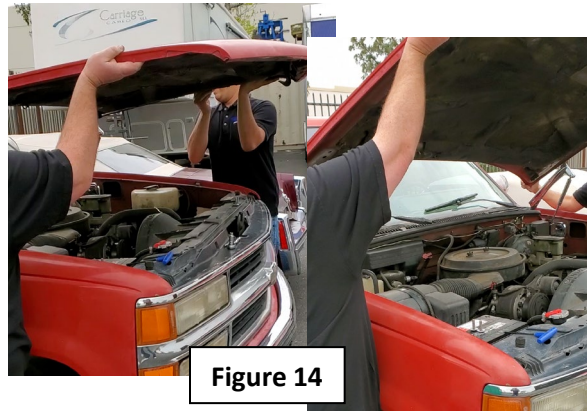
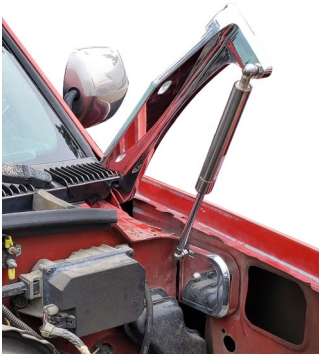


Figure 14

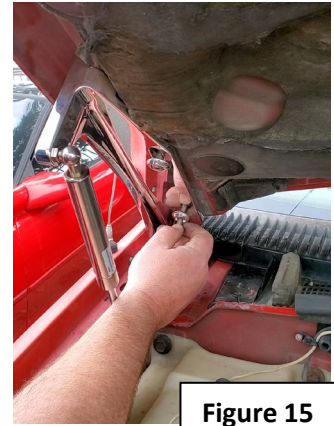
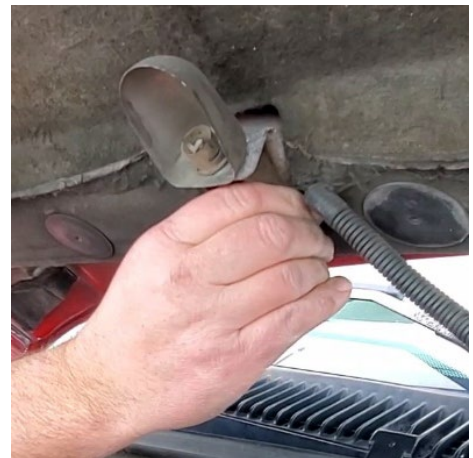


Figure 15

14. Take the (4) Remaining M8 x 25MM SS BHCS and place (1) in each of the included 5/16" Accent washers. With the help of another person lift the hood up and set it over the hinges (Figure 14). Line the hood up with the slots in the hood plate of the hinge and insert (1) M8 x 25MM SS BHCS with Accent washer into each of the hood mounting holes. Thread each bolt in with a 5mm Allen Wrench until they are snug. Do not tighten the bolts completely yet (Figure 15). For a baseline to adjust the hood make sure the bolt is centered in the slot. Make sure the bolts are tight enough that the hood will not move when testing the fit of the hood but are loose enough to allow for gentle movement of the hood. Close the hood and check hood gaps and alignment.
15. Once you have established your desired hood position thoroughly tighten the hood plate bolts.
16. Re-install the under-hood light with a 7mm socket.



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