



Bonnet Hinge Kits



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, then employ the services of a technician to perform the installation.

We recommend that you protect your paint from scratches by applying painter's tape to all panels and surfaces, corners and seams of the fenders and hood before beginning the installation. The use of fender guards is also recommended.

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.

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These 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.

These 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 than standard, then other pressure rated struts are available.

There is no guarantee that the function of our hood hinges on hoods that have been modified (i.e. added hood scoops, excessive customization, heavy filler, mirrors or under hood additions OF ANY KIND). These items will load the hinges over the weight that they were designed. This also applies to fibreglass & carbon fibre hoods.

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.

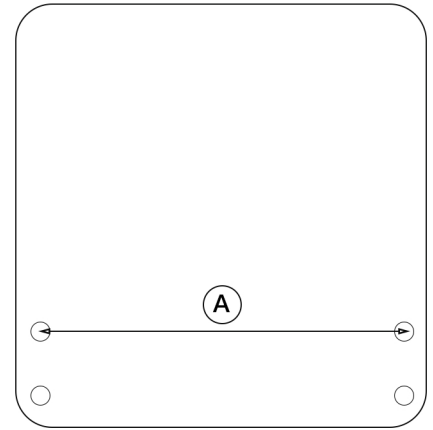
- Position each hinge on the corresponding fender, apply anti-seize to the threads, and attach using the supplied Button Head Bolts and an AN washer. Tighten bolts so they are securely attached to the fender. When the hinges are in position, measure the distance between each slotted hole at the front and rear of the hinge (FIG A). Then measure the distance between the mounting threads in the hood. If these measurements are not the same then the hinges may need to be shimmed. (FIG B)

HINGES WILL NEED TO CLOSE SQUARE AS THE DO NOT FLEX SIDWAYS. Failure to observe this may lead to the hinges squeaking or snapping. This is not covered under warranty.

- 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 bolts and a flat washer. Be sure to use anti-seize on all bolts before installing.
- 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. Removal of the hood locking latch pin will assist in the alignment process.
- 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.

- Once the hood position has been set to your satisfaction, securely tighten all bolts, re-install the hood latch, and remove painter's tape.



MEASUREMENT MUST BE THE SAME OR DAMAGE TO HINGES MAY OCCUR

