



Billet Aluminum Hood Hinges

873610, N873610 & BLK 873610

1967-1969 Camaro & Firebird, 65-76 Chevelle non-factory air,
*66-67 Nova w/aftermarket front clip and inner fenders

Gas springs P/N3610HDSS, This gas spring is calibrated for steel Camaro and 66-67 Nova hoods and is charged to 325lbs.

* 66 - 67 Nova hinges require the use of Hood Hinge Spacers P/N's 874410, N874410 & BLK874410

Modified hoods that have been smoothed or have extensive modifications including scoops may exceed the load rating for the gas springs.

Read the instructions thoroughly before starting the installation.

Installation should be performed by at least two people with experience in body panel fitment. If you are unsure of your ability to properly install this product, seek the help of a professional for installation.

PREPARATION

Prior to removing hood - tape all edges of hood, fenders & cowl with painters tape to protect Paint. Protect rear corners of hood from contacting body with a moving blanket or towel at each corner.

HOOD REMOVAL

Hood removal & installation requires assistance - do not attempt these steps on your own.

With the hood supported on each side, remove the four fasteners attaching the hood to the hinges. Carefully lift off the hood and set aside. Inspect threads in hood, run a thread chaser if necessary. Check the depth of the mounting holes, depth should be at least 9/16" (.562) or greater. Less than 9/16" will result in damage to the hood.
Remove existing hinges from fenderwell and inspect threads, run a thread chaser if necessary.

ASSEMBLY

Prepare hinges for assembly by pre-installing the gas springs to each hinge. Remove the clips at each end of the gas spring before installing on hinge. Start with the large body side towards the front of the vehicle and the shaft pointing towards the rear.
(Gas springs installed improperly will affect performance and may fail prematurely)
Finish by re-installing the small clips on the gas springs.

Place the hinge on the fenderwell with the gas spring side facing inwards, attach with two 3/8-16 X 1-1/4" button head cap screws with a 5/8" dia. washer. Slide the hinge forward so the fasteners are at the back of the slots on the hinge. Repeat for the other side.

With the help of an assistant, place the hood on the hinges. Thread the 5/16-18 X 1" button head cap screws with a 5/8" dia. washer through the hinge and into the hood, checking to make sure the fastener does not bottom out inside the hood. Slide the hood to the highest point (fasteners at the top of the hinge slots) and tighten firmly.

ADJUSTMENT

TIP: Remove hood latch - this helps ease of alignment and you do not have to unlatch the hood each time the hood is raised and lowered.

Slowly lower hood - constantly checking for contact with the fenders and the cowl.
Stop immediately if hood contacts either and make adjustments.

Check for uniform gap side to side from hood to fenders and hood to cowl. Also check hood height at each corner.

Take your time and adjust in small increments,

Tighten fasteners firmly each time to prevent hood and hinges from moving when checking fitment.

Use The Following Bolt Locations To Make Adjustments:

- To adjust hood front to back - Hood Bolts
- To adjust hood left to right - Hood Bolts
- To adjust hood height - Hinge to fenderwell Bolts

Once hood is properly aligned carefully remove one fastener at a time and apply Loctite Blue 242 thread lock compound to each fastener and re-tighten. Check hood alignment one more time and remove tape from hood and fenders. Re-install hood latch.