



**1968-1972 Chevy Chevelle/El Camino,
1970-1972 Chevy Monte Carlo,
1970 Chevy Impala
Hood Hinge Kit Installation Instructions**

SWS PART # 890-1146 & 890-1147

If you plan to disassemble the hinges before installation for polishing or plating you should know that all the bolts are assembled with blue Loctite. This should be done again when hinges are reassembled.

****NOTE: this will void the warranty on the hinges.**

Also note if disassembling the hinges, be careful not to lose any small washers needed to provide clearance for the pivot bearings. Make sure they are replaced when the hinges are reassembled.

NOTE:

Make sure ALL bolts are not too long for your application.

Installation Steps

1. Remove hood
2. Remove factory hinges and try to hand tighten a button head bolt where each hinge bolt was removed. If the threads are damaged or corroded re-tap them with a 3/8"-16 tap.
3. Position each hinge on the correct side and attach the hinge body to the inner fender with the 3/8" x 1" button head bolts. Before tightening the bolts completely, move the hinge body up or down so the bolt is centered in the slot.
4. Each hinge has a gas strut to hold the hood open.

NOTE: Gas struts are highly pressurized springs. It is physically impossible to press most gas struts in by hand. Even if the gas struts are mounted to the hinges, most hinges or struts won't exercise their movements unless the hood is installed.

NOTE: When installing the gas strut the barrel end of the strut should always be above the rod to keep the lubrication on the rod and not ruin the strut. The strut should be installed after the hinge is mounted to the fender but before the hood is installed.

5. Before you attach the hood you need to make sure that the hinges will close square. Measure the hood to hinge mounting holes. Measuring across the hood, record the length between the front two mounting holes. Then record the measurement between the rear two mounting holes on the hood. With the hinges mounted to the car you will need to measure and record the length between the front two holes on the hood bracket. Do the same for the rear two holes on the hood bracket – just as you did on the hood. You are making sure that the measurements are close because the hinges will **NOT FLEX**.

NOTE: it may be necessary to loosen the inner fender bolts to adjust the hinge mounting surface in or out.

NOTE: HINGES MUST CLOSE SQUARE! THEY WILL NOT FLEX!

6. Attach the hood to the hinges with the 3/8" x 1-1/4" button head bolts. Slide the hood forward as far as possible tightening the bolts. This will assure that the hood will not hit the cowl as it is lowered. Lower the hood **carefully**, watching the clearance front and back as well as both sides. Adjust the hood on the hinge brackets as needed for the correct clearance.
7. Adjust the hood height. Once the hood closes completely, check the height of the hood at the rear corners.

***Adjustment Pro Tip**

If struggling to adjust the rear of the hood down and the rear of the hinge is bottomed out, try lifting the front of the hinge. To do this, keep the rear bolts tight on both sides. Slightly loosen the front bolts and lift the front of the hinge. Even small adjustments can have exaggerated affects. If needing to lower the nose of the hood, try doing the opposite direction.