



Application: 1985-1996

Part Includes

1 - Component

Stock Replacement Hood



Tools Needed



Search: **Body Panels - Fiberglass**
www.mamotorworks.com

CONDITIONS OF A MISADJUSTED HOOD:

1. WHEN THE HOOD RELEASE HANDLE IS PULLED, ONE OR BOTH SIDES DO NOT POP UP.

Reasons for the hood not popping up:

- A. Weak gas struts or gas hood prop.
- B. Release cable out of adjustment. There should be about 1/8" gap between the release arm on the receiving latch assembly and the receiving latch plate. To adjust the cable loosen the plastic 9/16" nut on the cable at the latch and turn the sleeve.
- C. Hood striker not aligned to receiving latch.

2. WHEN CLOSING THE HOOD ONLY ONE SIDE OR BOTH SIDES WILL NOT LATCH SHUT.

Hood closing test:

Hold the hood as close to the center as possible. While holding the hood about 18" above the closed position; release it and allow it to drop. This is the recommended procedure for closing the Corvette hood and this hood closing test is performed on every Corvette at the assembly plant.

3. WIDE GAP BETWEEN THE DOOR AND THE HOOD. THE HOOD SHOULD BE FLUSH WITH THE DOOR EDGE.

Hood installation sequence in the Corvette assembly plant:

- A. The doors are installed and fit to the body.
- B. The hood is then installed and fit to the doors.
- C. When the car enters the trim line the front bumper is then fit to the hood.

HOOD ADJUSTMENT PROCEDURE:

- 1. The hood's too high or too low in the rear.
 - A. Loosen the striker spring 1 1/2" nut.
 - B. Using a flat screwdriver turn the striker clockwise to lower the hood and counterclockwise to raise the hood.
 - C. Re-tighten the striker nut and close the hood to check the height. **Note:** Whenever you adjust the striker you may have to lengthen or shorten the rubber bumper stop.



Mamotorworks



@CorvettePassion



MidAmericaMotorworks



CorvettePassion

2900 North Third Street, Effingham, IL 62401
 800.500.1500 • Worldwide: 217.540.4200 • FAX: 217.540.4800
www.mamotorworks.com • generalmail@mamotorworks.com
 ©Mid America Motorworks, Inc. All rights reserved.



Description (cont.)

2. The hood will not latch on one or both sides.

A. Open the hood and lower the hood until the hood is resting in the down position, but not latched.

B. Go to the side that won't latch and push down on the hood. You should feel the hood go into the receiving latch opening. If you feel it rubbing on one side, the striker plate assembly needs adjusting.

ADJUSTING THE STRIKER PLATE:

A. On early C4's with the rubber bumper stop on the car's body, you will have to loosen, don't remove, the three 13mm headed bolts holding the bracket. The striker spring is attached to the plate. It is not necessary to loosen it. (Figure 1)

B. When the plate bolts are loosened, the plate will move in both directions.

C. Lower the hood and push the hood striker down into the receiving latch; but, don't latch it. With the hood pushed down, place your hand under the edge of the hood and hold the striker plate. (Figure 2) Raise the hood and re-tighten the 13 mm bolts. The paint marks will show how much the striker was out of position.

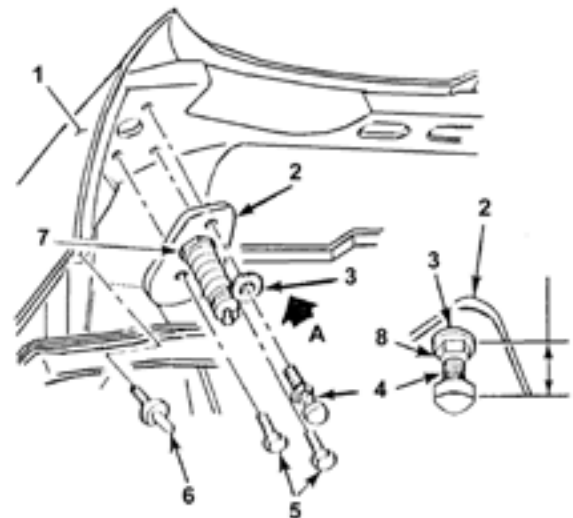
D. Do the hood-drop test. The hood should latch properly. You may have to do this to both sides of the hood.

On later C4 Corvettes the bumper stop is on the hood striker plate. To adjust the stop and striker plate loosen the 15 mm nut holding the bumper stud to the striker plate. (Figure 2)

Tip #1 - If the front bumper gap is too close, too low, too high, or too wide, it is a bumper adjustment issue, not a hood adjustment problem.

Tip #2 - If the hood on an 1988 or later does not pop up, or is heavy when opening, check for weak gas-filled hood prop.

Tip #3 - The gas charged assist struts used on 1984 through early 1988 Corvettes can be installed and the hood will open a lot easier. If the 1988 through early 1988 car's hood is heavy while opening, these gas assist struts need replaced.



- | | |
|------------|------------------------|
| 1. Hood | 5. Bolt/Screw |
| 2. Bracket | 6. Guide Pin |
| 3. Washer | 7. Latch Bolt Assembly |
| 4. Bumper | 8. Lock Nut |

Figure #1: Early C4's

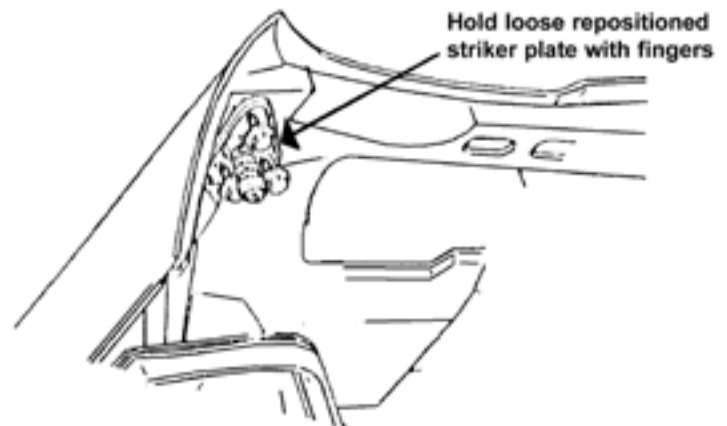


Figure #2:
Hood Primary Latch Catch Bolt Bracket Late C4's