



## AMERICAN CAR CRAFT INSTRUCTIONS

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### C6 CORVETTE HOOD PANELS

## PART #043001<sub>patent pending</sub>

#### PARTS INCLUDED:

- \_\_\_ 2-Stainless Hood Panels
- \_\_\_ 1-Small Scotch Pad
- \_\_\_ 2-Adhesive Promoter Packs
- \_\_\_ 1-Tube Clear Silicone
- \_\_\_ 8-Self Stick Plastic Segments

Your new hood panel inserts are a unique accessory designed to set into the factory hood and offer you a beautiful option to enhance your engine bay not offered by any other manufacturer. In the next step by step instructions you will learn how to install this accessory and transform your C-6 into a truly special show car.

**Your new panels come to you with a protective liner. Do not remove liner until installation is complete.**

1. The first step will be to remove the factory thermal barrier pad by detaching all of the large black plastic fasteners and remove the pad. Your new stainless hood panels will provide an adequate thermal barrier.
2. You have been provided with a small scotch pad. Use this pad to scuff the entire area of both insets including the 1" border. This will create a nice bondable surface. Once you have scuffed both areas you will need to thoroughly clean the surfaces by scrubbing them with rubbing alcohol and wiping off any and all residues with paper towels.
3. You will notice that each of the two hood insets contain a 1" border. This inner border will need to be specially treated by swiping them once with the adhesive promoter provided. This will provide an accelerated bondable surface for the inserts to attach to. NOTE: The adhesive promoter is to be applied to this 1" border only and not to the larger main surface areas.

4. Although each of the two panels come to you pre shaped for installation you will need to set each panel in place to check the overall fit and make any adjustments by hand so that they conform to their positions nicely without having to force them. This will eliminate any possibility of the panels popping out of place long term. PLEASE NOTE: Metal will not bend out of place by itself so if it is properly formed and installed it will remain in place permanently.

5. Now that you have each of the panels nicely shaped to the insets you may begin to finish installing them. You will notice that each of the two panel inserts contain attachment tape along the outer edge and a series of "X" marks at the center. Starting with the larger panel peel the red release liner from the attachment tape at the outer edge, then apply about a golf ball sized dab of clear 100% silicone adhesive provided to each of the "X" marks. With the help of a friend carefully place the insert into position and press firmly along the perimeter to set it to the hood. This attachment system has been formulated to allow the attachment tape to secure each of the two panels in place well enough to allow the silicone to set. The attachment tape alone is NOT sufficient enough to permanently secure the panels by itself but works in unison with the silicone to provide a reliable bond and permanent attachment. Allow the silicone to permanently bond the panel as it is left in position at least overnight and if possible for twenty four hours for a complete cure. You have been supplied with several self stick plastic segments. Use these segments to aid in the securing of the panels in any areas that may seem to need a little help keeping in place. Once the panel is cured the next day, simply remove the segments and the clear protective liner from both panels.

#### 7.ADVANCED INSTALLATION TECHNIQUE.....

Although removing the hood is not necessary this simple step offers some advantages.

The first most significant advantage is that with the hood face down on a protected surface the panels can be weighted down into the hood thusly creating valuable clearance space between the hood panel and the engine. Should you elect to perform this type of installation follow these few steps.

#### REMOVE HOOD:

1. It is important to mark the four hood bolts to the hinges by circling them with a silver marker. This will allow you to replace the hood with out the tedious task of adjusting its position. You will just simply re-bolt the hood to the original placement.

2. In order to do this you will need three people, two to hold and manipulate the hood and one person to bolt and unbolt the hood. Before you begin this you will need to unplug the factory hood light harness. Once you have unbolted the hood be sure to place it on a stable table with plenty of blankets to protect the paint. With the hood in a nice solid position face down you can begin the installation procedures outlined in steps 1 thru 5.

3. With the hood panels installed in this position you can now take this opportunity to weight the two panels into a nice bottomed out position closest to the hoods outer skin. Any thing can be used such as sand bags, paint buckets, gym weights. Just be sure to apply a blanket to the hood panels to protect them from scratches. Also you may want to be careful not to place any thing that will be too heavy and dent the panels. Allow to set overnight remove the weights then reinstall the hood. Start with the lower hood bolts first as these are pivot bolts then the top ones tightening them to the silver marks placed earlier. IMPORTANT TECH TIP: It is important to be aware that the outer skin of the C6 hood is a very flexible composite. If the hood is set flat on the center hump it could flatten under it's own weight thusly causing the silicone adhesive to set the hood in this flattened shape! In order to avoid this prop the hood at the two sides. Do this by using a couple of full rolls of paper towels it works great. Also if you are going to weight the panels into the hood be sure NOT to apply too much weight as this will create the same problem when you take the weight off. We find that about 5lbs of weight works perfectly.



Note: Care must be taken when cleaning your panels. It is a good idea to lightly dust your panels with a clean soft cloth first in order to prevent any particles from scratching it. Then wipe (using a new clean soft cloth) with a good quality streak free glass cleaner. PLEASE REFER TO CARE SHEET ENCLOSED!