



AMERICAN CAR CRAFT INSTRUCTIONS

C5 CORVETTE PERFORATED HOOD PANELS PART # 033075_{patent pending}

PARTS INCLUDED:

- ___ 5-Perforated Hood Panels
- ___ 2-Tubes Clear Silicone
- ___ 1-Small Scotch Pad
- ___ 5-Adhesive Promoter Packs
- ___ 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-5 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. The new stainless hood panels will provide an adequate thermal barrier.

REMOVAL INSTRUCTIONS FOR THE CORVETTE HOOD LAMP

One of the first things to consider when applying the ACC hood panel kits is if you really want to leave the factory hood lamp in place. Although it is not necessary to remove it for the installation of your stainless panels it is recommended because the lamp itself is not very good looking or efficient and the wire harness leading up the lamp is out in the open and will really

distract from the overall look of your new custom panel. Because of this we recommend that it be removed.

The first step will be to locate the harness connector and separate the lamp from the car. This can easily be done by removing the plastic locking pin or sometimes it's just a matter of unlatching the two parts from each other. The wire harness is pushed into the hood at several locations along the route to the lamp. These will need to be forcibly pulled out of the attachment locations. The last thing to do would be to drill out the two rivets securing the lamp to the hood. Using the appropriate drill bit carefully drill into the head of the rivets so that you can remove the head and detach the lamp. You may have to drill further to remove the rivet completely from the two locations. Be very careful not to poke the outer skin of the hood itself.

2. You have been provided with a small scotch pad. Use this pad to scuff the entire area of all five insets. This will create a nice bondable surface. Once you have scuffed all areas you will need to thoroughly clean the surface by scrubbing it with rubbing alcohol and wiping off any and all residues with paper towels.
3. You will notice that each of the five insets contain a 1'' border. These inner borders 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 area.
4. You will notice that each of the five panel inserts contain attachment tape along the outer edge and a series of "X" marks at the center. Starting with the two small key hole shaped panels. 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. Carefully place the inserts into position and press firmly along the perimeter to set them to the hood. This attachment system has been formulated to allow the attachment tape to secure each of the five panels in place well enough to allow the silicone to set. The attachment tape alone is not sufficient enough to permanently secure the panels itself but works in unison with the silicone to provide a reliable bond and permanent attachment.
5. Although the next three 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 itself so if it is properly formed and installed the panels will remain in place.
6. Now that you have each of the panels nicely shaped to the factory insets you may begin to finish installing them. The two larger panels will be easier to install using a friend to help manipulate them into position. Remove the red release liner

from the back of the panels. Place about a golf ball size dab of clear 100% silicone directly to each of the “X” marks on the back of the new hood panels. With the aid of a friend carefully place the panels into position pressing firmly to the perimeter. This will set the panels at the edges, securing it sufficiently enough to allow the silicone to permanently bond the panels 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 large panels in any areas that may seem to need a little help keeping in place. Once the panels are cured simply remove the segments and the clear protective liner off all five panels. **IMPORTANT TECH TIP:** It is important to know that the perimeter of the three larger panels will NOT come into 100% contact with the hood. In fact there may be some areas that will not touch the hood at all, don’t worry about this because the panels are designed to smooth out what would otherwise present a very wavy appearance. Allow the panels to set in place and cure.

*******ADVANCED INSTALLATION TECHNIQUE*******
REMOVAL OF FACTORY HOOD

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.

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 of them 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 as well as the hood struts from the hinge assembly by using a small flat blade screw driver to release the small black spring steel clip just far enough to allow the upper strut end to pop off the hinge assembly. This will allow the hood to move freely so that you can remove the four bolts easily. 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 6.
3. With the hood panels installed in this position you can now take this opportunity to weight the two main panels into a nice bottomed out position closest to the hoods outer skin. Anything 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 starting with the lower hood bolts first as these are pivot bolts then the top ones, tightening them to the silver marks placed earlier.

If any questions occur during installation, please contact American Car Craft

727 861-1500.

Thank you and enjoy your new hood panel.



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!