C6 CORVETTE EXHAUST PORT FILLER PANEL

Part #47964, #49918, #50010, #49917, #50012, #50013, #50838, # 50837 patent pending

INSTALLATION INSTRUCTIONS

Parts Included:
___ Filler Panel
___ 1-Adhesive Promoter Pack
___ 2-Washer Head Screws
___ 4-Flat Nuts
___ 2-Stainless #8 Flat Head Sheet Metal Screws

Items Needed:
Household Isopropyl Alcohol
Philips screwdriver

YOUR PANEL COMES TO YOU WITH A PROTECTIVE LINER. DO NOT REMOVE THIS LINER UNTIL INSTALLATION IS COMPLETE!

1. Clean the entire underside of the factory bumper cover to the left and right of the exhaust first with soap and water then with household isopropyl alcohol.

2. Wipe the area with the adhesive promoter (provided). This will insure a strong bond.

3. Pre-fit your new filler panel by slightly nudging the muffler tips until they are able to slide thru the filler panel. Slide the panel back and check the fit making sure the back underside slides up behind the bumper and also that it fits snug above the exhaust tips to the urethane bumper. IMPORTANT TECH TIP: During this product development and after performing many installations we have noticed that there can be a variable from car to car of the exhaust tip position by as much as a half an inch up or down and sometimes from side to side. Due to this fact on occasion it may be necessary to adjust the tips and or the new panel in order for them to be able to receive each other. The most common situation is that the exhaust mufflers sit a little low. In this situation installation can be achieved by forcing the new panel up and pulling the soft flexible urethane bumper cover down until they meet each other, then simply install the screw and flat nut to lock in the connection. In the situation where the variable exists side to side the most common result is that after the installation has been achieved an unsightly gap can

appear at one end or the other. Keeping in mind that the new panel has been laser cut perfectly symmetrical should any intolerable gaps appear the best and most sure way to achieve a pristine end result is to stop at an exhaust shop and have the exhaust perches aligned so as to receive the symmetrical holes in your new panel and achieve a beautiful and perfectly gapless appearance. The adjustments can be made at these four perches. Should you elect to perform any adjustments yourself instructions are as follows: Each muffler has two steel hanger pins. These pins can be easily bent left or right, up or down. In order to do this you must slide the rubber grommet off the pin only and NOT completely off the hanger bracket. With the pins exposed you can adjust them by bending their direction up, down or side to side as needed. NOTE: Keep in mind that bending the pins will cause the muffler to move in the opposite direction. The easiest way to bend the pins is by placing a 16mm deep socket with a long extension over the pins end and using its leverage to bend the pins in any direction needed. Once you have made your adjustments simply push the grommet back into place. This procedure will reestablish the muffler and tip to its desired symmetrical position. TECH TIP: Although it is a little messy application of a lubricating spray will make it much easier to remove and replace the rubber grommet.

Special information concerning the 2008 C-6 corvette NNP exhausts system.

The 2008 corvette outfitted with the NNP exhaust system utilizes the prior years Z06 vacuum actuated muffler and tips mated to a newly designed manifold/cat system that is ½ to ¾ longer. As a result the NNP configuration forces the system to sit slightly lower then the previous years Z06. In order to install the ACC stainless steel exhaust port filler panel both the all stainless design as well as the newer heaver perforated design, Special adjustment instructions must be perfumed. What these instructions will explain is how to easily reposition the muffler and tip system to allow the panel to fit. Currently these instructions have been 100% successful and are as follows.

The first step will be to lie on your back and look up at the exhaust perches. You will notice that there are two heavy steel pins protruding
From each muffler facing the rear of the car witch pierce a rubber grommet. There will be two between the exhaust tips and two slightly tucked into the corners of the valence on either side of exhaust tips. It is at these four locations that any and all adjustments can be made. Place the new panel over the tips and make an assessment of the adjustment that will need to be performed. It will be very obvious the NNP muffler system seem to low for the panel and we will solve this but also look at the tips to see if any adjustments may be necessary left to right. Although not very common it may be necessary to also adjust the side to side positions as well.

Although it is not absolutely necessary and a little messy you can spray these four grommets with silicone lubricant. This will help you to perform the next step: Using your

fingertips slide the grommets off the four pins being careful not to completely remove the grommets from the steel bracket that secure them to the car. Once all four grommets have been detached from the pins you should be able to grab the exhaust tip assembly and move them an inch or more in any direction up down sideways etc.

The NNP system must be adjusted so that the exhaust will sit close to an inch higher. This will position the system in the same location as the Z06 of previous the years. In order to do this you will need to bend the four muffler pins directly downward about an inch. If the tips need to be adjusted simply bend the pin in the opposite direction as needed. For instance if one of the tips seem like it needs to be adjusted slightly too right bend the pin to the left. This will force the grommet to pull the tip to the desired position. This can easily be performed by placing a 16mm deep socket with a long style extension over each of the pins and use the leverage of the assembly to force the pins to the new position. Once you have made this adjustment to the pins you can now reinstall the grommets to the pins effectively raising the two mufflers to the newly adjusted position. Tech Tip: Another helpful thing to ease the removal and reinstallation of the grommets is to eliminate the wait of the muffler system from the procedure. This can be done by using a floor jack and a small block of wood to raise the system just enough to eliminate the wait so as to allow you to slide the grommets on and off more easily. The two grommets at the outer corners of the valence will be a little trickier do to the fact that they are tucked a little into the corns so you will need to force the corner of the valence out of the way as you slip on the grommets. A friend will be very helpful for this however the valence is relatively soft and can be moved easily with one hand as you slip on the grommet with the other.

4. Now that you have successfully made all adjustments you may now proceed with the installation. Reposition the filler panel to check the adjustments.

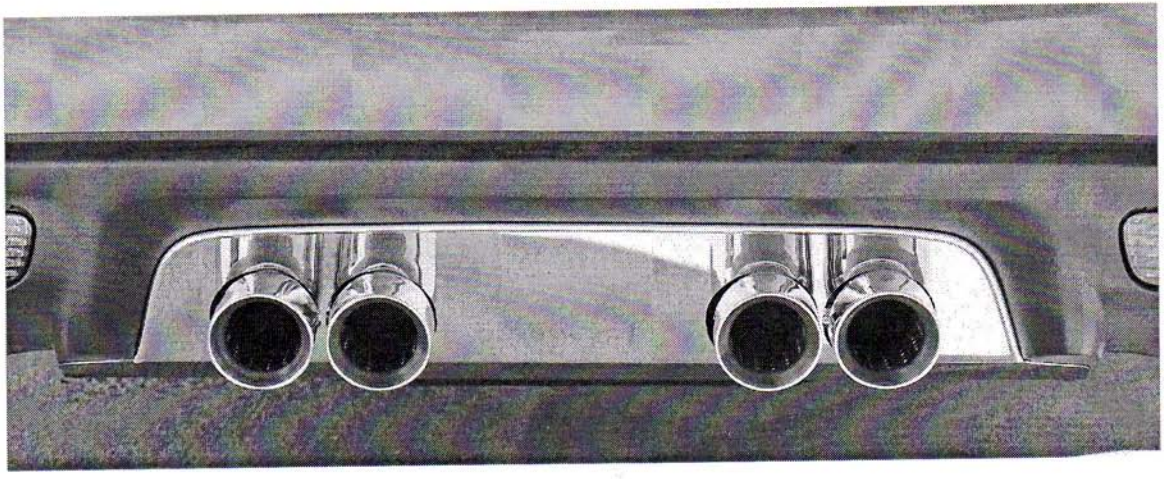
5. Once you are satisfied with the fit of the filler panel pull the panel down away from the bumper enough so that you can remove the red liner from the attachment tape and press back into position firmly.

6. Using the 2 washer head screws (provided) locate the pre drilled holes in the underside of the panel and install the screws. You have also been provided with 2 flat nuts. Reaching around to the underside of your new cover carefully twist the flat nuts onto the washer head screws that you just installed. Hold the nut with your fingertips as you turn the screw BY HAND with your Philips screwdriver until snug. Be sure to finger the two or four flat nuts onto the screw tip before turning the screw to prevent the flat nut from binding and possibly causing injury

to your finger tips. Do not over tighten. This will insure that your panel will remain attached even at high driving speeds.

7. NOTE: The perforated panels come to you with a second set of holes and two additional screws and flat nuts to be installed as in step 5 at the two forward locations. CAUTION NOTE: These additional screws are provided to support the additional weight of the perforated panel.

8. Remove protective liner.

If any questions occur during installation please contact American Car Craft at 727 861-1500. Note: Care must be taken when cleaning your panel. It is a good idea to lightly dust your cover 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.

Thank you and enjoy your new purchase!