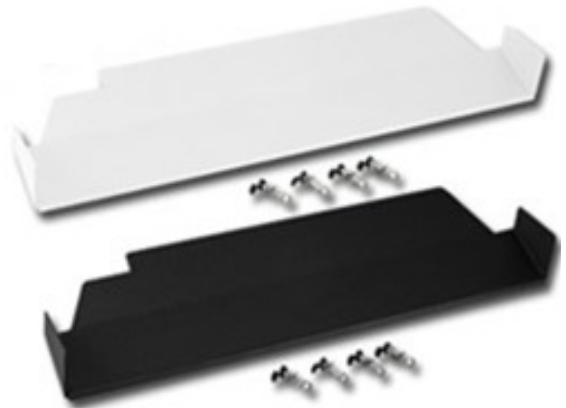




Welcome to C4orceCorvettes.com

Home of the Big Mouth 1984-1996

Install Notes for C4 Corvettes



For Install Assistance Contact Us Anytime

PH: 864-335-9043

Additional information(updated 08/03/2012)

Constructed of strong 5052 grade aluminum, the Big Mouth Performance Air Dam (BMAD) , by C4orceCorvettes.com is a quality engineered and produced one-piece aerodynamic air scoop that both enhances the Corvette's ability to grab and move a larger volume of focused air into the radiator opening under the nose and adds an aggressive, racy appearance to the lines of the C5 and C4 Corvette.

Weighing in at 3 lbs for the C4 and 3.2lbs pounds for the C5 model, the BMAD sits under the nose of the Corvette at the opening of the radiator. It assists the channeling of air into the air inlet by replacing the Corvette's stock center piece plastic air dam.

The BMAD is a true easy "bolt on" modification that can be installed permanently or temporarily. NCRS and Bloomington Gold purists will enjoy the fact that it can be mounted without body or frame modifications. Road racing and auto cross enthusiasts will find that when their corvettes are outfitted with the BMAD, their motor's operating temperatures will be lower and enhance recover times are crucial. Actual test run on the Corvettes fitted with the BMAD have shown a 3-5 degree drop in operating temperatures.

The C4 and C5 Big Mouth Performance Air Dam is not designed to installed on lowered corvette's. Installing the Big Mouth Performance Air Dam will be at your own risk. We have superior customer service for any and all install questions that you may have. Call our support line at anytime 24/7 at 864-335-9043 we would be glade to assist.

We are very excited to announce our launch of the new C4orceCorvettes.com forum. This will be a special place for not only shared information but all kind of fun, challenges, games, entertainment center etc...



With Regards,
Gman- CEO / editor

Installing the Big Mouth Performance Air Dam is EASY! It should take approximately 45 minutes to an hour to complete. If you have any questions or concerns, please give us a call @ 864-335-9043 We are available anytime, 7 days a week! The installs may vary depending on the year or model of your corvette.

Please feel free to e-mail us at info@C4orceCorvettes.com or just give us a call for all updates & or variations on installations. Anytime assistance at 864-335-9043 anytime 8-5 Eastern 24/7.

STEP 1 : Read all of the installation notes and take a look at the pictures below before proceeding. This will give you a better understanding of how to install your Big Mouth Performance Air Dam !

STEP 2 : Elevating the front end of your corvette will help in the process but it is not a must.

STEP 3 : Take a look into the opening underneath your front bumper. You should see a bracket that is attached to your front factory spoiler like or similar to this picture below. This needs to be removed before the installation.

Example:



Prior Years did not have this bracket only for 1989 thru 1996.

STEP 4 : Do a dry fit before installation.

This bracket needs to be removed from your spoiler before you can slide the Big Mouth on to the lower radiator baffle where it lays and attaches to the skid bars at 18 degrees optimal.

Remove the air splitter above for maximum air flow if you have one it's not needed. This will block the air flow to your radiator compartment.

- STEP 5: Now slide the Big Mouth into place and do a dry fit. The two flanges on both sides should slide in between the skid bars and the bumper covers, which are very rubbery. On the earlier models this is not an issue.
- Step 6 : Now you need to look at the angle before marking the holes before drilling through the skid bars. Use a protractor, manual or digital, **to achieve 16 to 18 degrees.**
- Note : **The Pilot Holes are not for all years, It's not necessary to use these holes they will be hidden** >> SKID BARS ARE REPLACEABLE AND HOLLOW and adjustable.
- Step 7: Once everything looks right , Use the two pilot holes (optional Only for prior to 1989) as a starting point to align your marks. Using a white marker make your marks on the skids or covers.

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- Step 8 : Then drill 4 - 3/16 of an inch holes all the way through your skid bars , 2 on each side. Making sure that the Big Mouth is horizontally straight as well. Then bolt all 4 positions in and use the lock nut to tighten down until snug.

Reminder NOTE: Maximum angle needs to be 18 degrees you can go +1 -1 your option.

Pictures below will help to further help give you a mental picture of what the BMAD looks like installed. Furthermore, we have some handy tools that will assist in managing the proper angel. For additional options we have one below but we recommend using the install notes this is the best and strongest method.

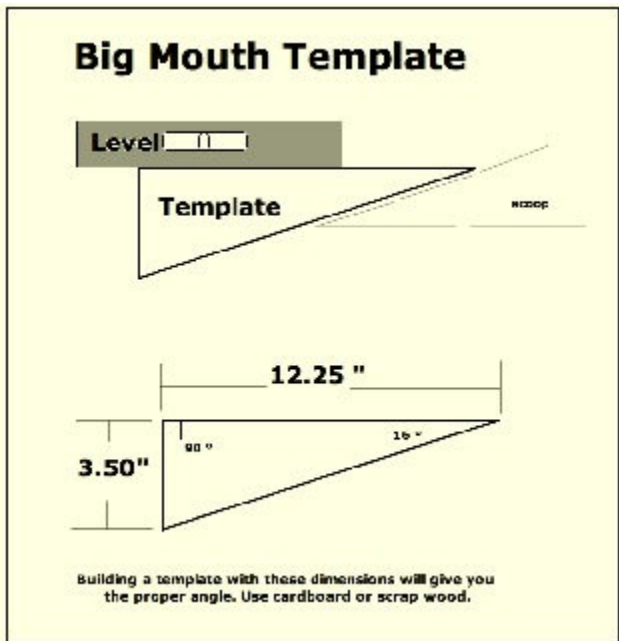


Before Install

After Installation

Side view 1984-1989

Side view 1989-1996



Make a Cardboard Template for angle

For Assistance or Questions we have a installation hot line 24/7 anytime 8-5 Eastern 864-335-9043

We have additional images below FYI>



Installation using internal holes only with #8 or #10 self tapping screws with lock tight.
We do not recommend this installation its being done could be very weak.

Grand Sport with Custom BMAD



ZR1 Side with BMAD



Custom Color BMAD Tone on Tone

