

September 2010



# AIR COOLED NEWS

Lowcountry Corvair Association CORSA Chapter 294  
Charleston, South Carolina



[www.lowcountrycorvair.com](http://www.lowcountrycorvair.com)

## Officers

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Treasurer  
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Jerry Brown  
Norma Callahan  
Jim Clees  
Rick Wood

## Membership

Fran Pittman

## Newsletter

Lisa M. Wood  
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Webmaster  
Richard E. Wood



Jim Clees  
Summer Cool Down  
Sponsored by Coastal Carolina Corvette Club  
Shriners

## Secretaries Report--Meeting Minutes--August 2010

### MEETING MINUTES

Lowcountry Corvair Association Meeting Minutes from August 12, 2010 meeting.

President Joel Swaney brought the meeting to order at 7:30 pm on August 12, 2010, at Perkins.

**MINUTES:** July's minutes were accepted as printed in the Newsletter.

**TREASURER'S REPORT:** Report was made by the Treasurer, Paul Broyles, and was approved as presented.

**MEMBERSHIP REPORT:** Delivered by Don Pittman on behalf of Fran Pittman. No changes.

**CORRESPONDENCE:** Frank Lux put all of the correspondence on the silent auction table to be read and perused by the club. Frank highlighted some of the correspondence: (a) Frank has applications for Vairs in the Valley show – Maggie Valley, October 15-17.

**OLD BUSINESS:** (1) Norma reported on the price for the club patches. Motion was made and seconded that the Club purchase the patches from Norma's contact. (2) Discussion was had regarding the contribution to a charity. Motion was made and seconded that the contribution should be made to a local charity in the amount of \$200.00 and each year a like amount based on the Club's finances. Each year Club Members will be asked to suggest a local charity to the Club. The Club will then vote on a charity to receive the contribution. Valerie has sent in a request that the Club consider donating to a children's charity, RFKS. This is a camp for sexually abused children. More to be presented on this charity at next meeting. Any other suggestions will be accepted at the September meeting.

**NEW BUSINESS:** (1) The position of Secretary for the next year is still vacant. There have been volunteers to fill the Board Member positions that will be vacant in October. (2) There was discussion regarding the Club purchasing and selling Wix oil filters. The Club voted not to do this. Rick reported that you can purchase a Wix filter from O'Reilly for \$10.00 and they fit and don't leak. (3) **SEPTEMBER'S MEETING WILL BE HELD AT PERKINS ON WEDNESDAY, SEPTEMBER 8, 2010. PERKINS HAD ALREADY BOOKED THE MEETING ROOM FOR THURSDAY.**

**TECHNICAL SESSION:** No tech session scheduled; however, you can help Rick build a motor for Norma. He has three motors taken apart to put together to make one motor for Norma. Frank gave him a complete engine and crank. He is taking off the Weber carbs and putting on the Rochester carbs. It is a 110 motor.

**GOOD OF THE CLUB:** (1) Charles King's address has changed. It is Charles King, HHB 1/178<sup>th</sup> FA BN, Camp Dubbs, AFG, APO AE 09320. Charlie sent a thank you letter to Donn and Fran: The package they sent was very nice. The cookies were good. He can't wait to get back. No Chevrolets in Afghanistan. Cars there are 10-15 years old. Charles would love to receive any car magazines that you might have. Norma has been sending him regular packages. If you have anything to send to Charles, bring it to the next meeting. (2) There was no 50/50.

Don Pittman adjourned the meeting at 8:00 p.m.

Respectfully submitted,  
Tenna Goodyear, Secretary

**\*\*\*\* Please Note Change for this month\*\*\*\*September 2010 MEETING**

The next meeting of the Lowcountry Corvair Association (LCA) will be held at the Perkins Restaurant located at 7451 Rivers Avenue in North Charleston on **WEDNESDAY**, September 8th at 7:30pm. Please bring your items for the silent auction. Any submissions for the newsletter is appreciated.



Please remember to support our troops!

Charles King  
 HHB 1/178th FA BN  
 Dubbs, AFG  
 APO, AE 09320  
**Thank you, Charles!!!**



## Corvair Links



Corvair Society of America (CORSA)  
[www.corvair.org](http://www.corvair.org)

Cvair Ranch, Inc.  
[www.corvairranch.com](http://www.corvairranch.com)

Larry's Corvair Parts  
[www.larryscorvair.com](http://www.larryscorvair.com)

Rafee Corvair Specialist  
[www.rafeecorvair.com](http://www.rafeecorvair.com)

Clark's Corvair Parts  
[www.corvair.com](http://www.corvair.com)

Opus Corvair  
[www.opuscorvair.com](http://www.opuscorvair.com)

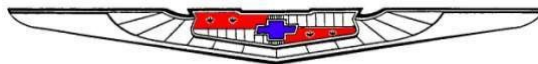
Corvair Underground, Inc.  
[www.corvairunderground.com](http://www.corvairunderground.com)

The Vair Shop  
[www.vairshop.com](http://www.vairshop.com)

## FOR SALE

1964 4-dr, PG, new tires & suspension, new Brown paint, no dents, new interior. Smooth new metal floor, stored since 1985, nob body rust ever, good solid car.  
 W. C. Chiles, 301 Yorkshire Dr,  
 Greenville, SC 29615  
 \$4,500.00 (864) 244-6753  
 (cell)(864) 423-1908

1969 Corvair coupe,  
 dark blue,  
 straight, great to resto,  
 titled, 4 speed,  
 needs starter, minor rust,  
 \$950 Call  
 864 878 1144, Pickens  
 SC



## UPCOMING EVENTS

### September 2010

**2010 SMAF/Hooters Summer Scorcher Series** **September 18, 2010**  
 Hooters North Charleston Registration \$10 Show 11am-3pm

**Open Car & Truck Show, Marchant Chevrolet** **September 18, 2010**  
 Ravenel Benefits Camp Happy Days Registration is \$10 Show 11am-3pm

**Charleston-Lowcountry Region of the Antique Automobile Club of America** **September 22, 2010**  
 At Joe Bessingers Bar B Que 1114 College Park Rd Summerville, SC Registration is \$5 Show 6pm-8:30 pm

**Beaufort Home-Garden and Car Show** **September 25, 2010**  
 2015 Boundary St., Beaufort, SC Town Center Contact #843-524-1901 for more details or www.beaufort.org

**East Cooper Cruise-In, Andolini's** **September 25, 2010**  
 Mount Pleasant, SC Show 5pm-7pm

**SCCA: Autocross** **September 26, 2010**  
 North Charleston Coliseum, North Charleston Registration \$30 non members Show 7:30am

### October 2010

**Joint Base Charleston Car Show** **October 2, 2010**  
 Charleston AFB Picnic Grounds Registration fee \$10 due by 9/17 Show 10am-2pm

**Bessingers Bar B-Q Open Car, Truck & Motorcycle Show** **October 2, 2010**  
 Savannah Highway Charleston, SC Registration is \$5 Show 6pm-9pm

**"The Executioner" Woody Cribb Memorial Car Show** **October 9, 2010**  
 506 St. James Ave, Goose Creek, SC Contact: midwaycarshow@comcast.net Show 10am Awards 2pm

**23rd Annual Lowcountry MOPARS Show & Swap** **October 9, 2010**  
 MOPAR Club Open Car Show Coast Carolina Flea Market, Ladson Show 10am-3pm

**Vairs in the Valley** **October 15-17, 2010**  
 Maggie Valley, NC For more info: www.ncmountaincorvairs.com

**11th Annual Street Thunder Car & Truck Show by Coastal Carolina Corvette Club** **October 16, 2010**  
 Benefits Low Country Orphan Relief Registration \$25 Show 9am-3pm

**2010 SMAF/Hooters Summer Scorcher Series** **October 16, 2010**  
 Hooters North Charleston Registration \$10 Show 11am-3pm

**Charleston-Lowcountry Region of the Antique Automobile Club of America** **October 27, 2010**  
 At Joe Bessingers Bar B Que 1114 College Park Rd Summerville, SC Registration is \$5 Show 6pm-8:30 pm

### Hilton Head Island Concours d'Elegance & Motoring Festival

**East Cooper Cruise-In, Andolini's** **October 30, 2010**  
 Mount Pleasant, SC Show 5pm-7pm

By *Chuck Armer*

Created 2010-02-13 20:07

The carburetors stock on all normally aspirated (non-turbo) Corvairs are a variation of Rochester HV single barrel carb. The 140 HP engines use 4, all the others 2, one per bank. When subjected to high G turns, fuel will slosh out of the stock vents, flooding the engine. The modification Chuck details below will effectively eliminate this flooding.

You will need the following items:

aerosol carb cleaner

aerosol brake cleaner

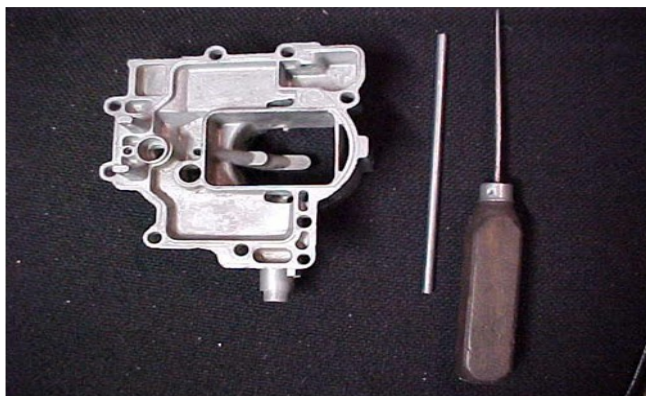
16" of 3/16"od steel brake line for each carb you wish to vent

a 3/16" drill bit to expand the existing vent passage (a used drill bit will be better as the bit tends to aggressively grab in the soft carb metal. use your drill press if you have one but a drill will work)

a tool to bend the brake line ( I use an ice pick )

a small metal grinder ( a Dremel tool works nicely )

a metal saw or a cutoff wheel for your Dremel tool

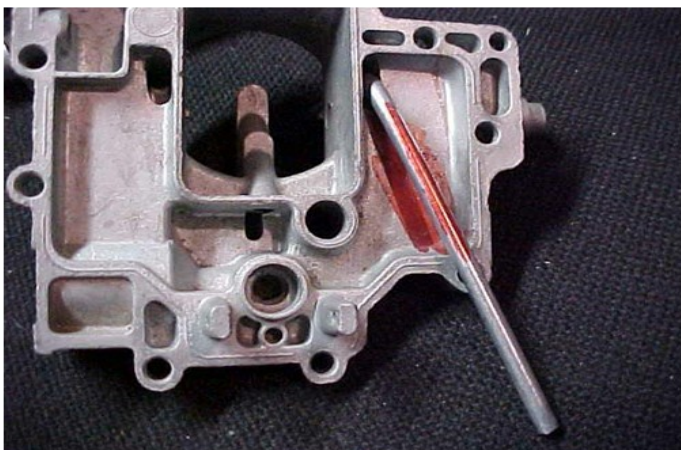


First clean your carburetor tops well with the carburetor cleaner and make sure the existing factory vent holes (one on each side of the carburetor top ) are clean and free of any foreign Matter. Expand the passage size on each side of the carburetor top by using the 3/16 drill bit to remove enough metal to insure that your brake tubing will extend through the passage. You may want to use a little machine oil to insure the drill bit doesn't "grab" the soft pot metal. **USE THE BRAKE PART CLEANER TO FLUSH THE FILINGS AND KEEP THE PROJECT CLEAN OF METAL DEBRIS. IT'S INEXPENSIVE, CLEANS AND DRIES QUICKLY AND LEAVES ALMOST NO RESIDUE**Next measure no less than 8" of tubing for each vent you wish to create. I use a small Dremel Cutoff wheel and do all the cuts at once.

The next step is to make sure you have removed any shards or debris from each end of the tubing you have just cut. There will always be a need to clean the tubes no matter what cutter you use. The fit of the tube through the vent casting in the carburetor should be nice and snug. You will now use your pipe tool to accomplish a 90 degree bend on the end of the pipe that will lie flat against the inside top of the carburetor top. Note that this bend will not initially be 90 degrees since the cast lip of the top will prevent the uncut pipe from lying within the actual bowl top. You will want the vent tube to be aligned as shown in the above picture as this alignment gives you the outward most position in the fuel bowl. Secondly, notice the shape of the original vent area cast in the carburetor top is wrongly shaped for the new vent tube to naturally lie toward the outside corner of the fuel bowl. This is where your Dremel tool is used to shape the contour of the hole to allow the new vent tube to align in the corner and also to be a true 90 degree bend and lie near perfectly



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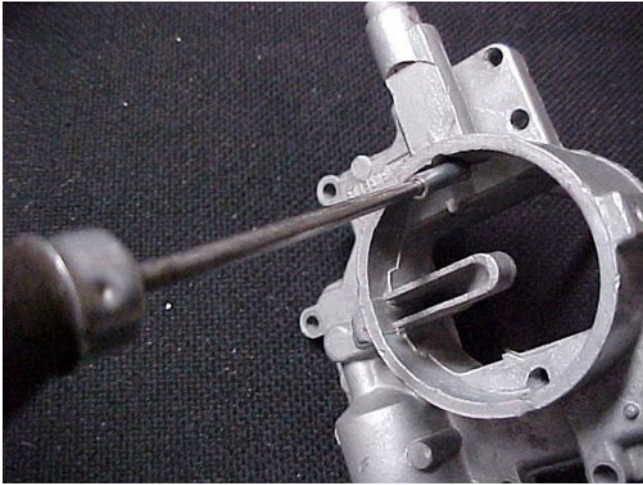


parallel to the inside of the carburetor top. This shaping is done with the conical burr drill bit and you **MUST** be careful to not remove an excess of casting or you **WILL** cut through the top and render it unusable.

It is hard to see in the picture but the RED shaded area has material removed and this is what will allow you to nestle the vent tube into the outside corner. You may now make your second cut of the vent tube to allow it to fit the corner. Remember to deburr the pipe end again.



We will now concentrate on the outside (top side) of the carburetor top. Here you will notice that the new vent tube is exiting the carburetor at a parallel position to the throat of the carb. The height you may leave the tube depends on whether you are going to use the **STOCK** air horn setup or an individual aftermarket air cleaner. In either case, you **MUST** bend the tube slightly inward so as not to interfere with the sideways seating ability of the air horn or the individual air cleaner. You also must be aware of the limited vent tube height you have before you interfere with the inside **TOP** of the stock air horn. The vent tube height in the above picture is well within the limits and will be more than adequate to accomplish the improved venting that virtually eliminates carburetor flooding and the unwanted stumbling and hesitation of the engine during hard cornering. In the next picture you will notice I have used my faithful Ice Pick to bend the top of the vent tube for the needed clearances described above.



Now you are ready to finish this one side. Duplicate all these steps on the opposite side of the carburetor and then mix your epoxy and carefully fill the areas around both tubes on the inside top of the carburetor. Use just enough epoxy to level the area around each tube. With this last step you have insured that no gas will leak around your new vent "stack" and that the tube will be secure and remain oriented in the proper alignment. Leave the top inverted and level until the epoxy is properly hardened and you have successfully vented your carburetor. I used another scrap carburetor top as a base to hold the vented top in a level inverted position. If you have a two-carburetor engine you are half way,

## Military Corner

1. The Department of the Air Force, an agency of the Department of Defense, was established on September 18, 1947, pursuant to provisions of the National Security Act of the previous July 26. On September 26, 1947, by order of the Secretary of Defense, personnel of the Army Air Forces (AAF) were transferred from the Department of the Army (formerly the War Department) to the Department of the Air Force and established as the United States Air Force (USAF). As this action shows, the Air Force can claim lineal antecedents long predating the 1947 act.
2. The U. S. Army was founded on June 14, 1775, when the Continental Congress authorized enlistment of riflemen to serve the United Colonies for one year.
3. On April 1798, Congress established the Department of the Navy. They did this in order to meet the need for an executive department responsible solely for, and staffed with persons expert in, naval affairs, on the eve of the commencement of armed hostilities with the naval forces of France, the conflict known as the Quasi-War.
4. On November 10, 1775, the Continental Congress passed a resolution stating that "two battalions of Marines be raised" for service as landing forces with the fleet. This established the Continental Marines and marked the birth of the United States Marine Corps.
5. That the Marines are part of the Department of the Navy.
6. What is the motto for the US Air Force? There is no official USAF motto: Integrity First, Service Before Self Excellence in All We Do — US Air Force Core Values
7. What is the motto of the US Army? "This We'll Defend"
8. What is the motto of the US Navy? There is no official Navy motto—"Honor, Courage, Commitment" US Navy Core Values
9. What is the motto of the US Marines? Semper Fidelis
10. What is the meaning of Semper Fidelis? "Always Faithful"
11. The United States Coast Guard, one of the country's five armed services, is a unique agency of the federal government. We trace our history back to 4 August 1790, when the first Congress authorized the construction of ten vessels to enforce tariff and trade laws and to prevent smuggling. The service received its present name in 1915 under an act of Congress when the Revenue Cutter Service merged with the Life-Saving Service.
12. What is the motto of the US Coast Guard? "Semper Paratus"
13. What does Semper Paratus mean? "Always Ready"

**Lowcountry Corvair Association**  
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