

TOBACCO ROADS



carolinas
PORSCHE CLUB OF AMERICA *region*

February 2010

From the Driver's Seat - Harvey Yancey, President



The Times They Are A-Changin'---

This past weekend I went to the North American International Auto Show (NAIAS) aka the Detroit Auto Show. This has been a ritual for me for about 10 years or so. I usually catch an 8AM flight, take a cab to the Cobo Center, knock around for about 2 hours, grab lunch, knock around for another couple of hours, take a cab back to the airport then get home usually before 7PM.

It is a great opportunity to see what is currently available from pretty much all of the world's auto manufacturers and to see what is coming down the pipeline in the form of show cars and prototypes. The first day it is open to the public is usually jammed with people and is elbow to elbow. This year however things were different.

Many manufacturers were absent. The big one for me was Porsche, however just to let you know Porsche had pulled out last year because they viewed the NAIAS as a regional show not an international one. With VW in charge now I suspect that they may reappear next year. Also absent were Lamborghini (another VW brand), Rolls-Royce, Nissan and Fisker. Maserati and Ferrari usually have several cars but they only had one and two respectively. Fiat was there in force. I really liked the Fiat 500 Abarth. I am looking forward to the Alfa model coming to the States soon also.

The larger displays were Mercedes-Benz,

Audi, BMW (but the Mini display was ... well ... ummm ... mini), VW, Toyota/Lexus (the LFA is incredible btw), Cadillac, Chevy and Ford. But even those displays were 'thinner' than usual.

The biggest change was the number of hybrid and electric cars. It was a huge theme this year. The entire basement was called 'Electric Avenue' where you could drive one of 20 electrics and hybrids indoors. Tesla was showing off their new 'S' Sedan (as a side note yesterday the US Government gave Tesla a \$465 million loan to build the 'S'). The production Chevy Volt was on display. While not as flashy as the original show car it actually looked pretty good in the flesh. We'll see if it makes as big of a splash in the marketplace that GM hopes it does.

Starting off the New Year I am starting to make visits to Area Meetings. This month I went to the Hickory, SunFun and Metrolina Area Meetings. At the Hickory meeting Benny Yount, Principal at the Paramount Automotive Group, presented an architect rendering of the new Paramount Porsche Dealership that will start construction this year.

Sandy Shirley conducted her first meeting as the SunFun Area Director. Sandy has a great schedule of local events planned, including the traditional Pine Island Concours. Sandy is also looking to move the meeting to new locations during the year. So stay tuned for updates.

The new Metrolina Area Director, Don Morris, conducted his first meeting of the year to a crowd of about 50. Several new members were in attendance and we hope they continue to participate. At the meeting, Tanner Andren, a Master Technician with Hendrick Porsche, gave a presentation on the latest technical Porsche

innovations.

At both the Hickory and Metrolina meetings Sadie and Jerry Kilcrease brought the Regional Goodie Store adding a lot of excitement to each.

Speaking of the Goodie Store, the Region has just made an investment in the form of a van to make sure that the Goodie Store is able to efficiently get to more events this year. In the past we depended on the good graces of Sadie and Jerry to transport all of the Goodie Store merchandise and equipment in their personal vehicle. The Board decided that a van would allow for more flexibility and storage. Additionally the van will be used to transport all of our autocross equipment to all of the Autocross Series events.

For you DE folks we have some very exciting news, namely a new track. By the time you read this the Track Committee will have conducted an evaluation of the Phase 1 track at the North Carolina Center for Automotive Research in Roanoke Rapids, NC. NCCAR is an independent, non-profit center for the research and testing needs of the automotive industry, funded by \$20M from local, state and federal sources. And while they concentrate on automotive development, local business development is also part of their charter and as such they are open to hosting "enthusiast" groups at the facility.

The facility is located 1 mile off I-95 in Roanoke Rapids. Approximate travel times to Roanoke Rapids are:

Raleigh 1 1/2 hrs
Greensboro 2 3/4 hrs
Charlotte 4 hrs

Continued on page 7.

Calendar

For more information and event listings, go to: <http://www.carolinas-pca.com>

- Feb 20 (Saturday) Doc's Grrrrrage Chili Cook-Off Sun Fun Area Event.
- Feb 27 (Saturday) BMW & Porsche Swap Meet hosted by the Triad Area. Details page 8.
- March 6-7 (Saturday-Sunday) Carolinas Region Drivers Education at Carolinas Motorsports Park
- March 9-11 (Tuesday-Thursday) Porsche Parade 2010 in St. Charles, Illinois Registration Opens. Details at www.parade2010.pca.org and on page 10-11.
- April 10 (Saturday) Triad Area with host the "Cabin Fever Free Drive" Details on page 17..
- April 11 (Sunday) Food Lioin AutoFair Spring 2010. Details on page 9.
- April 17 (Saturday) Pine Island Concours Sun Fun Area Event. Registration on page 12.
- April 17 (Saturday) Blockhouse Steeple Chase Upstate Area Event.
- April 18 (Sunday) Triad Area will host the first Carolinas Region Autox Series Event #1 of 2010 at Wake Forest University. Registration on page 14.
- May 15-16 (Saturday-Sunday) Carolinas Region Drivers Education at Carolinas Motorsports Park
- May 22 (Saturday) Triad Area will host a "Porsche Corral" in conjunction with the American Children's Home Annual Car Show. Details to follow.
- May 28-30 (Friday-Sunday) Carolinas Region Annual Porschefest hosted by Mountain Area, Asheville, NC. Details on page 9.
- July 3-8 (Saturday-Thursday) Porsche Parade 2010 St. Charles, Illinois. Details at www.parade2010.pca.org. and on page 10-11
- July 12-13 (Monday-Tuesday) Carolinas Region Drivers Education at VIR. Tentative dates.
- July 24 (Saturday) Carolinas Region Pool Party. Details to follow.
- Aug 6-8 (Friday-Sunday) in den Bergen, hosted by Mountain Area and TRG in Waynesville, NC. Details to follow.
- Sept 3-5 (Friday-Sunday) Peachstate Region Rennfest. Details at www.peachstatepca.org.
- Sept 11-12 (Saturday-Sunday) Carolinas Region Drivers Education at Carolinas Motorsports Park

Note: Calendar events in bold type earn points toward the Carolinas Region Enthusiast of the Year Award.

Calendar

For more information and event listings, go to: <http://www.carolinas-pca.com>

- Oct TBA (Saturday-Sunday) Carolinas Region Fall Tour hosted by the Hickory Area. Details to follow.
- Oct 16 (Saturday) Euro Auto Festival in Greer, SC. Details can be found at www.euroautofestival.com.
- Oct 29-31 (Friday-Sunday) Carolinas Region Club Race. Details to follow.
- Oct 30-31 (Saturday-Sunday) Carolinas Region Drivers Education (Solo Only) at Carolinas Motorsports Park
- Nov 5-7 (Friday-Sunday) Carolinas Region 50th Anniversary Party
- Nov 19-21 (Friday-Sunday) Carolinas Region Drivers Education at VIR. Tentative dates.
- Dec TBA (Saturday) Carolinas Region Christmas Party hosted by Triad Area. Details to follow.

For addition information and events outside the Carolinas Region go to: <http://www.pca.org/Calendar/PCACalendar.aspx>

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Are you a Facebook member?
The Carolinas Region now has a group on Facebook.
Search on 'Carolinas Region - Porsche Club of America'.

AREA Meetings:

Hickory Area

Second Tuesday of the month at 6:30
Flat Rock Grille, 1350 Hwy 321 NW Hickory, NC 828-324-7339
Contact Vincent or Vallie Piccirelli, Area Co-Directors



Hickory Area Co-Director
Vincent Piccirelli
hickory-ad@carolinas-pca.com
(828) 781-8332

Metrolina Area

Third Thursday of the month at 7:00PM
Odd months, example: July, September, November, etc.
Waldhorn Restaurant
12102 Lancaster Highway, Pineville NC
Even months, example: April, June, August, etc.
9010 Harris Corners Parkway, Charlotte NC
On US21 south of W.T.Harris Blvd
Contact Don Morris, Area Director



Hickory Area Co-Director
Vallie Piccirelli
hickory-ad@carolinas-pca.com
(828) 781-8352

Mountain Area

First Saturday of the month at 10:00AM
Deal MotorCars, 621 Brevard Road, Asheville, NC
Check monthly area report for location changes.
Contact Jim Peterson, Area Director



Metrolina Area Director
Don Morris
metrolina-ad@carolinas-pca.com

Sandhills Area (Pinehurst)

Meeting every odd month, example: July, September, November, etc.
Fourth Tuesday of the month at 6:30PM
The Italian Table, 136 Grant St. Seven Lakes, NC (910) 673-4725
Contact Marty Barrett, Area Director



Mountain Area Director
Jim Peterson
mountain-ad@carolinas-pca.com
(828) 654-6494

Sun Fun Area

Third Tuesday of the Month at 7:00PM
Carolina Wings in the Vista
600 Gervais St, Columbia, SC 29201 (803) 256-8844
Contact Sandy Shirley, Area Director



Sandhills Area Director
Marty Barrett
chiefinstructor@carolinas-pca.com

Triad Area

Third Tuesday of the month at 7:00 PM
Big Shotz Tavern, 1480 River Ridge Road, Clemmons, NC
Contact Jerry Kilcrease, Area Director



Sun Fun Area Director
Sandy Shirley
sunfun-ad@carolinas-pca.com
(803) 530-2864

Triangle Area

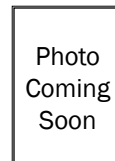
Third Thursday of Every Month
Manchesters Grill Meeting starts at 7:30PM
Make Up Meeting (Very Brief)
Third Saturday of Every Month
Wake Zone in Apex Meeting starts at 9:00AM
Contact Scott Holcomb, Area Director



Triad Area Director
Jerry Kilcrease
triad-ad@carolinas-pca.com
(336) 476-3120

Upstate South Carolina Area

First Monday of the month at 6:30 PM
No current location, look for an email
Contact Gene Kendrick, Area Director



Triangle Area Director
Scott Holcomb
triangle-ad@carolinas-pca.com



Upstate SC Area Director
Gene Kendrick
upstate-ad@carolinas-pca.com
(864) 582-4619

The Carolinas Region 2009 Year End Awards.....

And the winners are.....Last December 5th at the Carolinas Region Christmas Party, the club's version of the Academy Awards was held. The club took advantage of the gathering at the Christmas Party to make presentations of the various year end awards and service recognitions. Harvey Yancey, Carolinas Region President, the master of ceremonies, took the microphone in hand and made the announcements and presentations. The winners of the Enthusiasts of the Year Award, the Carolinas Region Autocross Series, the President's Service Award, and membership service awards, were all recognized and awarded trophies or gifts. Here are the winners:

Enthusiasts of the Year Award for 2009: This annual award is given, based on an accumulative points system, to the PCA member that has attended the most regional events and has exhibited enthusiasm for the club over and beyond normal expectations (members of the board of directors and club officers are excluded). This year was a little different as the winners were a married couple, SEAN and CARI STEINBRUECK of the Metro-lina Area.



Carolinas Region Autocross Series Awards: In 2009, the Carolinas Region hosted five (5) autocross events at various locations within the region. The division winners were determined using an accumulative point

system. In order to become eligible, participants had to attend at least three events during the year. Class winners were: WILL BALANCE, CARI STEINBRUECK, SEAN STEINBRUECK, DON MORRIS, WAYNE CAPWELL, PHIL EVANS, PHILLIP EVANS, SADIE KILCREASE AND JERRY KILCREASE. Awards were also made to CHRIS COUTELLER and JOHN RUTLEDGE who finished second and third, respectively, in their class.

President's Service Award: This award is given at the end of the year, at the option of the President, to the person that has provided support to the Carolinas Region PCA, over and above the norm, and in an exemplary manner. This award was also presented to a married couple, Sadie and Jerry Kilcrease of the Triad Area.



Outgoing Service Awards: Bryson Kiser was presented with a special award for his years of service and dedication as Treasurer of the Carolinas Region. Jim Horner was also recognized as outgoing Upstate Area Director; Martin Salas as outgoing Triangle Area Director; Rock Webb as outgoing Sun and Fun Area Director and Steven Zakely as outgoing Metro-lina Area Director.



Tobacco Roads is the official publication of the Carolinas Region, Porsche Club of America.

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PCA National Office
P.O. Box 1347
Springfield, VA 22151-0347
Phone 703 321-2111

http://www.pca.org/members/address_change_real.html

You will need your member number.

The course was designed by Alastair McQueen, a retired Lotus engineer. More information can be found at www.nccar.us. I have had several people ask me about our Christmas trip to my parents' home in Greenville, NC. So I will tell you the entire tale. And let me tell you, it turned out to be more of a challenge than I had anticipated.

We have learned that with babies you typically leave about 2 hours later than your targeted time. Accordingly our 11AM departure ended up being 1:30PM. However what we did not count on was the BMW being dead. Zero ... nothing ... nada. The lights would not even come on even after attempting to jumpstart it. So onto Plan B. Unfortunately Plan B was my 993. So now we were forced to put the dogs into the hatch area of the Cayenne (originally the dogs were going to ride with me in the 530i). We packed what we could into the 993, which has non-hinged seats and a rollcage. Needless to say several presents were left behind.

Once we had repacked everything I told Vivian to go ahead as I had to put gas into my car. As I was leaving the house I realized that I had forgotten my sunglasses. I stopped the car but before I could turn off the ignition the engine died. Several attempts to re-crank the car were for naught. So at that point I thought I was just out of gas. I grabbed one of my fuel jugs and put 2 or 3 gallons in the car, but still nothing. At that point I called Vivian, she was about 30 miles out by that time, and told her what had happened and to come home. When she got back to the house we unloaded the kids and I started to unload the 993. Once I popped the hood my stomach sank and I knew what had happened. There was an additional bag there that I had not packed. Vivian apparently had gone back into the garage with another bag and placed it on the left side of the trunk ... and unbeknownst to her ... on top of my kill switch.

Once I removed the bag I saw that indeed the kill switch had been tripped. Once I

reset it the car fired right up. We then repacked the kids and the few bags that we had taken out. We finally got on the road at 3:30PM.

The kids did really well on the trip and we only had to stop and feed them once near RTP. But since the Cayenne was packed to the gills in the front seat I had to feed my son in my car. Have you ever tried to bottle feed a 3 month old in a GT3 seat? Quite the feat.

The return trip was much easier and when we got the 530i to the shop it turned out to be only a dead battery.

We have a ton of events this year and I encourage everyone to come out and participate or better yet get involved. As with any club, you get out of it what you put into it. As always if you have any ideas, comments or feedback please feel free to contact me at president@carolinas-pca.com or on my mobile at (704) 906-0343.

Harvey

Want to see photos of recent Carolinas Region Events?

Go to: <http://carolinasregionporscheclub.shutterfly.com/>

If you want to contribute your own photos send an email to Ron Reed, Regional Media Coordinator, at media@carolinas-pca.com

Monthly Tech and History Questions

1) The amount of oil needed for an oil and filter change on a 2006 Carrera 4S is:

- a. 7.75 liters
- b. 8.0 liters
- c. 8.25 liters
- d. 8.50 liters

2) The firing order for the engine of a 1999 Boxster is:

- a. 1-6-2-4-3-5
- b. 1-3-5-2-4-6
- c. 1-4-2-5-3-6
- d. 1-5-3-6-2-4

3) What are the recommended cold tire pressures for a 928 S4/GT (front/rear)?

- a. 36/44 psi
- b. 34/42 psi
- c. 32/40 psi
- d. 30/38 psi

4) Which is a recommended tire for the 1976 911S?

- a. 165 HR 15
- b. 185/70 VR 15
- c. 185 HR 14
- d. 195/ 70 VR 15

Answers on page 11

Looking for Model Experts!

Do you feel you are an expert on a particular Porsche model? Are you someone who has had an interesting club or Porsche related experience? Is there a certain aspect of club life that you know too much about? Would you enjoy writing a story for publication in Tobacco Roads?

If you answered yes to any of these questions your fellow club members would love to share your knowledge or experience. Please contact Alex Galloway at editor@carolinas-pca.com to have your story published in

Get Ready for Spring Driving & Track Event Season

BMW & PORSCHE SWAP MEET

Sponsored by
Sandlapper & Tarheel Chapters BMWCCA & Carolinas Region PCA

Hosts: Touring Cars Inc. and EuroWerks
(back to back shop properties)
300-340 Seaboard Drive
Matthews, NC 28104



Date: Saturday, February 27, 2010
Time: Vendor setup from 8 am to 9 am
Swap Meet Shoppers from 9 am to 1 pm
(No charges for Vendors or Shoppers)

Free EuroWerks DE Tech Inspections as Time permits

Contact: Event Info - John Meek jmeek911@aol.com 803-324-4994

**Directions: - From I-485 take exit 51 onto US 74 East/E. Independence Blvd.
toward Monroe (not toward Matthews)**
- Turn Right at traffic signal 1.4 miles onto Stallings Rd.
- Pass over RR track and turn right onto Industrial Dr.
- Turn Right onto Seaboard Dr.

Touring Cars Inc. on the left followed immediately by EuroWerks

FOOD LION AUTOFAIR SPRING 2010

It is time for our spring visit to now what is being called Charlotte Motor Speedway (formerly Lowe's) to be part of the Food Lion Autofair. Park your Porsche on the grass inside Charlotte Motor Speedway and be a part of what is billed as the "World's Largest Car Show".

Come out and enjoy the show free of charge. Each entry receives 1 car pass and 2 tickets for entry. (Children 12 and under are free when accompanied by an adult)

Trophies provided by the Speedway are awarded in 8 classes plus the Best of Show.

WHEN: SUNDAY, APRIL 11TH, 2010

WHERE: CHARLOTTE MOTOR SPEEDWAY CONCORD, NC

WHY: TO HAVE MORE PORSCHEs THERE THEN CORVETTES

Email your registration to Mike Jones, mljjones@ctc.net . Include Name, mailing address, telephone number (both home and cell), and year and type of Porsche.

We are only allowed 80 entries so please plan on coming to the show if you register.

Future entries are based on our level of participation at each show.

Mike Rich & Mike Jones

PorscheFest 2010 – A Preview:

What? - PorscheFest 2010 is the 14th annual edition of a multi-event tradition celebrated by the Carolinas Region, PCA. The essence of PorscheFest is three judged events; an Autocross, a Concours and a (fun) Rally, interwoven with hospitality and social time and wrapping up with an evening awards celebration. This year's theme is The Best of Asheville and highlights this unique and wonderful city and all that it offers.

When?- Mark your calendars for this upcoming Memorial Day weekend beginning Friday, May 28 and wrapping up Sunday evening, May 30.

Where? - Back by popular demand, in and around beautiful Asheville, North Carolina. Our downtown headquarters hotel is the Renaissance Asheville hotel. Events will be held in the city as well as on area backroads and scenic venues (including a mountain-top Autocross, guided and self-guided Tours and a fun Rally.)

Why? - Because it is a great chance to have fun with your Porsche and enjoy good times with those who share a passion for Porsche. The Western North Carolina location combines the funky and eclectic Asheville with some of the best views and drives east of the Mississippi. It's also a very convenient and affordable weekend getaway.

How? - The events are possible through the generous lead sponsorship of Deal MotorCars and also German Motorwerks of Asheville. The Carolinas Region has chipped in this year as well to help us keep participant costs down.

How much? – We have negotiated a very competitive \$139/night rate at the Renaissance Asheville Hotel which is downtown and in the heart of the action and events. The registration fee is shaping up at \$75/single and \$150/couple and covers all events, Friday night hospitality, Saturday lunch, hospitality and a catered dinner Sunday night.

Who (m)? – You and 199 lucky others. Plan on it – PorscheFest has proven to be a great way to make and develop friendships.

Details? - Stay tuned and watch the Carolinas Region website (<http://www.carolinas-pca.com>) and Tobacco Roads for registration information and forms in March, 2010. FYI, registration is capped at 100 Porsches and 200 attendees and promises to again be a very quick sellout.

Parade 2009 Revisited
Will we see you in 2010?
By Cole Scroggum

Registration opens March 9 and continues through June 20

Colorado in July, sounds kind of backwards doesn't it? Most people head to the Mountain West to take advantage of powder snow in the winter, but not much snow is to be found in the summer months. "Most people," however, are not Porsche people; where the location is just an excuse to get together with friends that share a love for the Porsche car. PCA holds its annual Porsche Parade each summer at locales around the US and even Canada from time to time, alternating east, central and west coast destinations. The Parade is the premier event for our club, and as PCA grows the Parade has also been growing over the past decades into a world class event that is not to be missed, and the 2009 edition in Keystone, Colorado was no exception.

Most Parades for me have been an opportunity to take the family on a nice summer vacation, AFTER the competition is over! This is going to sound really weird to most of you, but the Concours is what I really enjoy. It's not just seeing all the beautiful cars lined up on some beautiful golf course, or all the people that are around enjoying the sight or even the opportunity to get to see something very unique in Porsche's history. For me, I really enjoy competing in this event, whether with a restoration of a unique Porsche car or a newer model that requires an eye for detail (and very small fingers)...

I love the competition. Years ago I was a little more serious about it than today, but that fire still burns enough once a year to make me think about new projects.

This year was a different story. No project, no car and no competition. I thought about not going at all, but after a lot of prodding by my son Michael we were thinking about turning Parade 2009 into a guy's trip with just the two of us. I was lucky enough to be asked to judge the 356's, so that at least gave me enough of a "job" to put me over the top. There were lots of rooming options, so we opted for a small condo that had a kitchen, pull out sofa and most amenities other than air conditioning. Turns out that omission wasn't a big deal until faced with one of the warmest rooms I can remember, but no matter as cool nights and a few electric fans perched on the window sills made it all OK. Why would you need a room with AC in the Colorado Mountains anyway?

It was a surreal experience to walk around the Concours prep area and not have anything to work on. I always enjoyed it when people would come up and comment on your car and ask questions, so I guess now it was my turn. The prep location was a tad bleak in terms of lighting (note that this year Concours entrants will be treated to an indoor facility for prep) as it doubled as a parking garage, but you could still enjoy looking at the cars and catching up with friends. Some of the cars were really nice, and it was a pleasure to actually meet some first timers without looking out from under a car with sweat dripping off my nose! We

actually went to the Goodie Store and had time to hang out in the Hospitality area before the Concours, which was pretty interesting with lots to look at and served to take my mind off not participating in the competition.

Michael was having a blast! He had a chance to catch up with some friends he made at the Charlotte Parade the previous year, was up and ready for the continental breakfast in the Hospitality suite each day, and had a great time helping some friends with last minute preparations on their 356 Roadster. On the day of the Concours he helped babysit the Roadster for Jim and Leann Huestess while I judged, and managed to fall asleep in a chair on the field. When he woke up, he said he was pretty sure he could feel the skin on his face frying in the sun, and had the sunburn to prove it!

After the judging was over, he took the camera to the historic display and took some photos of cars that he liked. He settled on a nicely restored 550 Spyder and an original 906 that Jim Perrin has owned since Nixon was president, I think, but the Abarth Carrera really caught his attention with its louvered Italian body and classic shape. On the judging field he found a beautiful Blue Cayman with the Aero Kit and one of the Orange special edition Boxsters that stood out in a field of gorgeous cars. We were called back to our friends with the Roadster, it turned out they were chosen to participate in final judging so we helped Jim and Leann arrange the car on the field for a few last minute details. They were so excited to have won the Pres-

ervation Award trophy in the 356 class, while the overall award went to a very nice 928.

Each day we managed to feed ourselves lunch by making sandwiches from some goodies purchased at a local store, with no girls around that meant white bread with mayo and turkey, and an occasional beef jerky stick with a side of cheese ball and a Dr. Pepper to wash it all down. I wasn't sure if we were having lunch or getting ready for a Super Bowl party! One day we decided after our gourmet guy lunch that a trip to the Continental Divide was in order, and although the rental car protested we made it to the top in only a half hour or so. We managed a short walk up some stairs to take in some beautiful scenery, but had to stand there for a minute to catch our breath at that altitude. It was amazing how quickly you became winded and had to pace yourself physically for just a few stairs. On the way back down we took another break and were getting our breath when we saw one of the riders on the US Cycling team come pedaling to the top. Pretty embarrassing...they were getting a final test in before the Tour de'France began, and we could barely make it back to the car.

I wanted to try and stick around for the Tech Quiz, but we had to get back home early and so we settled for a quick trip to the Autocross instead. I didn't need Michael getting any ideas, but a Parade Autocross is a pretty big deal with the number and variety of cars involved. Usually the Autocross takes several days just to get through the run groups, and the competition can be pretty fierce for those seriously

into this sport. The same can be said of the Rally, I guess it boils down to everyone can participate and have a great time at any level, but these events can also be extremely competitive. I love it when first timers show up, they always have such a good time just being there and taking it all in, asking questions and getting a lot of help from those more experienced. It is easy to see future friendships taking place, some of which will last many, many years if not a lifetime. Those friendships really come home to me when we follow the tradition at the Parade of recognizing long time Parade goers. I won't spoil the surprise if you have not seen it before, but suffice it to say when Mike Robbins has been to over 50 Porsche Parades (most of them in the same 356 Speedster!) that is quite an accomplishment. Won't you join us this year in St. Charles, IL for your first one? Parade registration opens in early March. If you have never attended and are wondering what it is all about, check the Parade website at <http://parade2010.pca.org>. The 2010 venue is a "resort" Parade at beautiful Pheasant Run in St. Charles, IL, which means everything you need is close at hand and most events are within walking distance. The central location should give Porsche owners from both coasts an opportunity to attend. Priority registration is n March 9th through 11th to give everyone an even start and not overwhelm the server, and continues through June 20th. So put those dates on your calendar and join your Porsche friends for a great time!

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Monthly Tech/History Question Answers
1) d. 2) a. 3) a. 4) b.

PINE ISLAND CONCOURS and PICNIC
(this is a peoples choice event)
SATURDAY, APRIL 17, 2010 - 1:00 to 5:00

HOSTED BY: SUN FUN AREA PCA

To register please fill out the following form and mail with a check to address below.
Registration will also be available at the event.

Name _____

Address _____

Email _____ Phone _____

Make _____ Model _____ Year _____

Number of People for Lunch _____

LOCATION: This event will be held at 150 Pine Island Rd, in Columbia SC at beautiful Lake Murray. *No pets allowed on the Island.*

POT LUCK LUNCH: We will be cooking Brats for all that register. **Please bring a dish to share.**

REGISTRATION: \$20 per car – make checks payable to: **Carolinas Region PCA**. All proceeds go to Camp Kemo and Carolinas Region will make up to \$500 so the more cars that register, the more money we can donate.

QUESTIONS: Contact Sandy Shirley at sunfun-ad@carolinas-pca.com or call 803-463-2289

**Mail checks and registration to: Sandy Shirley
258 Mariners Row
Columbia, SC 29212**

Sandhills Area Report
Marty Barrett, Area Director

It's been pretty quiet in the Sandhills over the holiday season....everyone enjoying time with family and friends. We were in Pittsburgh over Christmas...love the kids, but it was really nice to get back to the Carolinas! Area plans have been percolating behind the scenes and we are ready to get the cars out of hibernation and back where they belong. Our dinner meeting on January 26 will be the kick-off.

Over the holidays, Brian Powell and I visited a new track site near Roanoke Rapids. The North Carolina Center for Automotive Research (NCCAR) has been built with federal and state money to attract small and large automotive parts companies who need a first class testing facility. It's not just a brand new two-mile road course, but a very nice test building with fully equipped bays and mechanical engineering test labs. There is still some work to do on access roads, clearing track runoff areas and installing safety barriers before we could use it for an event, but they have money and tell us the facility will open this spring. Stay tuned!

After our dinner meeting on January 26, the year kicks off with a drive to CMP for the DE/Track Seminar. It's always a nice event that is very well attended. In addition to the full 2.3 mile road course, CMP has a new 0.7 mile cart track and sales and service facility to assist new cart owners. Rental carts are also available to get your feet wet. And, we have the first DE for 2010 on March 6-7 at CMP. It will be a busy year at the track.

Then as the temps warm up we will be teaming up with Porsche folks from the Triad and Triangle Areas to do some short drives along with our "cars & coffee" on Saturday mornings. We are considering a convenient location for all three areas to meet, and we will also rotate and visit each area location. Details will be discussed at the dinner meetings.

Finally, we are planning two tech sessions at local shops for later this spring. One will focus on basic maintenance and brakes. The other will highlight care and upkeep of the interior and convertible top.

I am putting together a Sandhills blog site that will make communication among us

a little easier.
Best to All in 2010! Happy 50th Carolinas Region!
Marty

Mountain Area Report
Jim Peterson, Area Director

Twenty-three of us braved a true "global warming" morning on Saturday January 1st and enjoyed Dick Maybach's presentation "Driving Near the Limit." Dick did a nice job in covering vehicle dynamics, driving techniques and an intro to PCA DE. Zack Ruffing of Carolina Sports Car introduced his new shop/services to us including arrive and drive NASA and PCA race services, race car buildup and prep, performance mods, turbo upgrades and DME tuning/flashing. Zack brought along a full race Carrera S 997 which was campaigned in 2009 and had been extensively modified to the 9:1 HP/weight ratio.

On Saturday February 2nd at 10 am at German Motor Werks of Asheville we had a tire tech session (high performance and ultra high performance tires) presented by Doug Brown, Consumer Segment Manager, Ultra High Performance Michelin and BFGoodrich, of the Performance Marketing team of Michelin North America, Michelin Tire Co. Doug plans to combine a freewheeling question and answer session with some Michelin marketing communications, targeted specifically at Porsche cars/owners. Both street and track applications will be discussed. This should be a very informative and entertaining session. After lunch on the 6th, a Porschefest 2010 Concours (judging) Clinic led by Mike Jones Concours Chair, Carolinas Region was held.

Weather permitting, Tony Martinez will lead us on our first drive and dine of the season, departing from Deal MotorCars on Saturday March 6th just after 10 am. We plan to tour the roads of Madison and Yancey counties and stop for lunch in Erwin, TN before returning. This should be a good opportunity to join some friends and get your Porsche on the road and blow out some cobwebs and mothballs. Further 2010 first Saturday morning Mountain Area meetings/events are shaping up as:

4/3/10 - 10 am tech session on minor maintenance (Scott Spence of German

Motor Werks) and paint and autobody issues (Steve Lovingood) - German Motor Werks.

5/1/10 - Porschefest 2010 prep session, perhaps followed by a drive and lunch. 10 am, Deal MotorCars.

5/28-30 - Porschefest 2010 in Asheville (details to follow - see this issue of Tobacco Roads. Registration opens in March and will fill up quickly.)

July 10- Tech session at Stuttgart Motorwerks, Hendersonville, NC. 10 am.

August 6-8 - In den Bergen, Waynesville Inn Golf Resort and Spa, Waynesville, NC. People's Choice Concours and more - (details to follow.)

More dine and drives to follow in the summer and fall. Remember to check the Calendar in Tobacco Roads and on the Region web site for other events of interest around the Region.

Please keep me posted on your ideas and suggestions for future meetings. Your participation and support is appreciated. I hope to see you at a future event.

Hickory Area Report
Vincent & Vallie Piccirelli, Area Directors

2010 began with a bang- we had 27 in attendance, at our area meeting, which included Our President & New Vice President and the Goodie store! We were also blessed to have Benny Yount, and two of his associates come and give a presentation for the new Porsche dealership.

Yes, you read that right, Benny has purchased the Porsche, Volvo & Volkswagon franchises and will begin construction soon for his new dealership. FYI, mechanics are on duty already, and authorized to perform warranty work.

Our next update will include details of our Tech Session, scheduled for Jan 23rd, at Black forrest racing, in Denver.

Also, the Hickory area will once again be hosting the Fall Tour and we would greatly like to know who is willing to help.

Finally, we would like to get a ride together to Asheville, in April, to see the festival of Flowers, at the Biltmore. Please email me if you are interested. We should have details in February.

Ciao!
Vincent & Vallie Piccirelli



CAROLINAS REGION PCA AUTOCROSS SERIES EVENT # 1
HOSTED BY TRIAD AREA PCA

EVENT DATE: SUNDAY, APRIL 18TH, 2010

WHERE: WAKE FOREST UNIVERSITY-GROVES STADIUM - RED LOT
IN WINSTON SALEM, NC.

NAME: _____

ADDRESS: _____

CITY: _____

PHONE: _____ EMAIL: _____

CAR MODEL _____ PCA MEMBER # _____

EACH ENTRY MUST BE AT LEAST 18 YEARS OLD HAVE A VALID DRIVERS LICENSE. EACH CAR MUST PASS THE ONSITE SAFETY TECH INSPECTION AND ALL DRIVERS MUST WEAR A HELMET (LOANER HELMETS WILL BE AVAILABLE). EACH DRIVER WILL GET 4 RUNS. THERE WILL BE 6 RUN DIVISIONS WITH 1ST PLACE AWARDS IN EACH WITH AWARD FOR MENS AND LADIES BEST TIME OF THE DAY.

LOCATION: DIRECTIONS-FROM BUSINESS 40;TAKE CHERRY ST. DOWNTOWN EXIT; CHERRY TURNS INTO UNIVERSITY BLVD; FOLLOW UNIVERSITY BLVD TO REYNOLDS BLVD; TAKE A RIGHT ONTO REYNOLDS BLVD; TAKE A RIGHT ONTO SHOREFAIR DR. TOWARD STADIUM; LOOK FOR "RED LOT" PARKING.

SCHEDULE: REGISTRATION AND SAFETY INSPECTION OPENS AT 9:00 AM
DRIVERS MEETING AT 9:30 AM FIRST CAR OFF AT 10:00 LUNCH
BREAK 12:00 TO 1:00 PM AWARDS AT 3:00 PM

ENTRY FEE: \$25.00 PER DRIVER- PIZZA AND SOFT DRINKS WILL BE PROVIDED AT LUNCH- ON-LINE REGISTRATION: You are encouraged to register on line at www.clubregistration.net. This is a quick and easy way to register for all future autocross events. If you have trouble logging on to the site or do not have any internet connection, fill out the form and mail to: Steven Zakely, autocross registrar, 11132 Winding Way Road, Charlotte, NC 28226.

QUESTIONS: Contact Walter Stone, autocross chairman, at wdstone@duke-energy.com or Jerry Kilcrease at Jkilcrease@triad.rr.com or phone 336-476-3120.

Racing and Rambling

Missing NASCAR? I'm not, I have enjoyed the heck out of German and British touring car racing and how about DAKAR. What an awesome event. 300+ motorcycles, cars and monster trucks running for 15 days across Argentina and Chili. When I think of South America I think of jungles, the Amazon and rain forests. The DAKAR race starts in Buenos Aires crosses the Andes, deserts and back again, over two thousand miles of hard traveling.

The Versus channel televised daily half hour updates of the event and had some great footage of the race. Speaking of NASCAR, Robbie Gordon ran the event winning the 4th stage outright in his rear wheel drive Hummer. He ended up with an outstanding 7th place finish behind the diesel VW's and BMW's. Go Robbie, perhaps the most versatile driver in NASCAR. Stuart ?

And how about F 1! Toyota, Honda, BMW are gone and there are now 13 teams including US F 1. Brawn is now Mercedes with Schumacher back teamed up with Rosberg, Button, and Hamilton with McLaren and Massa and Alonso with Ferrari. It is going to be a wild season with the Brits and McLaren versus the Germans and Mercedes. There will be four world champions spread between three teams - awesome.

Do not forget Daytona 23, Bike Week, the Sebring 12 Hours and The Walter Mitty are just around the corner.

Keep your hands on the wheel and your eyes upon the road!

Rock

Triangle Area Report
Scott Holcomb, Area Director

Always refer to the Blog for the most recent info for the Area : <http://trianglearea.wordpress.com/>

Late December

We had our monthly meeting on December 17. Turnout was fairly low, but I did not expect many so close to the holidays. I introduced myself to those present and talked about my ideas for the area.

If meeting turnout continues to be low, I will consider relocating the monthly meeting to a different location, and/or shift to a Saturday only meeting. I welcome your email feedback; triangle-ad@carolinas-pca.com

January

January has also been mostly quiet. We had our Area Holiday Party on January 5th and had a great time. The beverages were provided by the Triangle Area, and everyone attending brought a food item. Many Thanks to Dorothee T. for hosting and Sadie K. @ The Goodie Store and Leith Porsche for helping with the great door prizes; everyone took home at least one item and some took home more.

Also so far this month I have been busy coordinating tech session events. We've got a 911 (996) Bilstein PSSP install, a transmission fluid change for a Cayman, and a 911 (996) brake and fluid pad change, all in the works for the Feb and March timeframe. Keep an eye on the

blog for the announcements; <http://trianglearea.wordpress.com/>

Looking forward into Feb and March:

Track Events:

The DEs are starting up! Registration for the Carolinas event @ CMP opened on January 4th at clubregistration.net. If you are interested in attending, let me know - there will be several of us in the area definitely attending; make your hotel reservations now. I've been told this is the place to stay - <http://www.camden-colonyinn.com/>.

Registration for the 3-day First Settlers Region event @ VIR (Full Course) opens February 22nd; this is a great event. Many from the Triangle Area will be going. <http://fst.pca.org/de.htm>

All of these events and details are detailed on the blog, including links to relevant websites. Look for the first post, "Upcoming Events & Talking Points"

Social:

Marty B. from Sandhills, Jerry K. from Triad, and I are trying to put together a 3-Area Cars & Coffee type event in Pinehurst. We are early in the planning stages, but the hope is to have it in picturesque Pinehurst. Timeframe is April-ish. Of course, keep an eye on the blog.

I am also thinking about doing a picnic / cookout at Jordan Lake for Spring/Summer.



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Upstate Area Report
Gene Kendrick, Area Director

The Upstate Area started out 2010 with our new meeting schedule and venue. We made the decision to relocate our monthly meeting to Vincent's Public House and Eatery located at the River Falls Country Club at Duncan SC. We are now meeting on the first Monday monthly at 6:30 PM. Our first meeting had a strong turnout of approx 42 members. Walter Dennis, one of our longest tenured local members and a PCA club racer since 1992 presented a program on PCA Club Racing to the group. Local racers Jimmy Martin, and Robbie Strickland were also in attendance as well as Roach Racing Crew Chief Eddie Saunders.

The program was well received with six members volunteering to assist with the Carolinas Region Club Race this fall. The membership enjoyed the new location and we are looking forward to future meetings there. We were all excited about our first viewing of the Galloways' new Panamera. We are looking forward to our annual Chili Cook Off hosted by Protech Motorsports on January 30. Karla Kuhn is making plans for our annual Block House Steeple Chase outing on April 17th. We are expecting six Upstate Area club racers and another three or four members who will be crewing to be traveling to Sebring Florida Feb 4th through Feb 7th. They will be participating in the 48 Hours of Sebring Club Race. All in all it looks to be a very active year for the Upstate Area.

Metrolina Area Report
Don Morris, Area Director

By the time you read this, the Rolex 24 hour at Daytona will be history and hopefully we will have some good stories about it.

Not much going on. The doldrums of winter are still here. Waiting for track and autocross season to start. I am going to Roebbling Road Raceway on Jan 22-23 for a DE and hope I don't freeze and the tires crack.

I have been doing weight reduction exercises. Not on me but on my 2000 Boxster S to make it a track car. It is still reversible to a normal street car, but it is get-

ting slimmer and slimmer the chances it will ever go back to a stock street car. In short it does not yet have a roll cage. But maybe. By the way, I have lots of stripped out parts.

I am hoping to set up some spring drives. If you have any ideas of places to go, let me know.

The March 6-7 DE at CMP is coming up. The registration is filling up. If you want to go, sign up soon.

Touring Car and Euowerks are doing a Swap meet on February 27 from 9AM to 1PM. What you want may be there. There will certainly be a bunch of nice people there. They might even have some coffee for you.

Keep the sunny side up. Remember the Goodie Store.

Don

Sun Fun Area Report
Sandy Shirley, Area Director

Our January meeting went well. It was my first meeting in charge and I was a bit nervous but the crowd took is easy on me. We had 20 people in attendance and we were honored to have Harvey Yancy drive from Charlotte and fill us in on events in the Region. The major change I am making this year is our meeting location. After thinking through the fact that some members drive from Camden, Orangeburg, and Aiken, I wanted to pick a restaurant that was close to I-20 and I-26. El Chico is my choice because they have remodeled recently and have a nice room with great A/V equipment. I have many things planned for the coming year so please watch TR for our area calendar. I will also be sending out many emails. If you find you are not receiving emails from me please drop me a line and I will get you added to my list.

sunfun-ad@carolinas-pca.com Hope to see you at our February meeting.

February 16th Area meeting 6:30 (Tuesday)

Gary Pennington's Garage
1130 Atlas Road

BYOB

RSVP required because dinner will be provided

Autometrics will be attending and

Gary will have his 2010 cup car for all to see email Sandy sunfun-ad@carolinas-pca.com

February 20th Doc's Grrrage Chili Cook Off (Saturday)

359 Porsche Drive

Event starts at 1:00 pm until ?

Bring a pot of Chili to share and be judged

BYOB

questions email Sandy sunfun-ad@carolinas-pca.com

March 16th Area meeting 6:30 (Tuesday)
NEW MEETING LOCATION

EL CHICO

1728 Bush River Road

All below meetings will be at new location listed above

April 20th Area meeting 6:30 (Tuesday)

May 18th Area meeting 6:30 (Tuesday)

June 15th Area meeting 6:30 (Tuesday)

July 20th Area meeting 6:30 (Tuesday)

Aug 17th Area meeting 6:30 (Tuesday)

Sept 21st Area meeting 6:30 (Tuesday)

Oct 19th Area meeting 6:30 (Tuesday)

Nov 16th Area meeting 6:30 (Tuesday)

April 17th Pine Island Concours (Saturday)

150 Pine Island Rd, Columbia, SC 1:00-5:00

Brats will be served. Please bring a dish to share Invitation only see registration form on pg 12

May - Date TBA

Newberry Winery Tour and Picnic

Cook out at Danny Burnstein's house

Danny has agreed to host a cook out at his house so we can see his car collection Summer 2010 Date TBA (Saturday)

Gasthaus Zur Ellis drive and dinner

205 S Main St Prosperity, SC

Fall 2010 -Date TBA

December 14th Sun Fun Christmas Party (please note this is not the 3rd Tuesday of the month)

Tenative Party location - Alodia's

Triad Area Report
Jerry Kilcrease, Area Director

The Triad Area held its monthly meeting on Tuesday, January 19th, at Big Shotz Tavern in Clemmons. It was our first official monthly meeting since November and it was nice to get together again with the membership and kick off the New Year. We had 40 members and guest at the first meeting of the year and we were especially happy to welcome new PCA member Terry Conrad to our group. We also recognized Triad Area members Dale Hewitt, newly elected Vice President of the Carolinas Region and Art Weiss as the new Treasurer for the region. Ron Reed provided the group with overhead photographs containing a collection of photographs taken at various PCA events through out 2009. Sadie was there with the Goodie Store and members got the chance to check out the new inventory. For this time of year, we got a break on the weather with Tuesday being a nice sunny day, so a lot of members drove their Porsches to the meeting and afterwards, adjourned to the parking lot and kicked some tires. Thanks to all for coming.

GIRLS In PORSCHEs: (write up by Sadie) On January 5 we held our first 2010 meeting at Childress Vineyards in Lexington. Richard Childress was at the facility and actually walked by and spoke to us. Peg Simm won the "split the pot". Our next meeting is scheduled for Thursday, February 4th; at 11; 15am at the BBQ Center in Lexington. Please mark your calendar and come out to the meeting for fun, food and fellowship. Hope to see you there. Call Sadie with any questions, sug-

gestions, etc.

UP COMING TRIAD AREA HOSTED EVENTS:

Date to be determined later: Triad/Triangle/Sandhills Joint "Coffee Drive"- This will be our first three-area joint event where members from each area will meet up at a central location, visit/socialize and have coffee/lunch. Details coming later.

Saturday, April 10th: CABIN FREE DRIVE: Harvey Harbour and Herbert Boehm will co-chair this event. This will be the 3rd event they have hosted and we look forward to touring the mountain roads and see what they have in store for us this time. Registration and details will be coming later.

Sunday, April 18th: Carolinas Region Autocross Event #1-2010: The Triad Area will host the first autocross of the year at Wake Forest University in Winston Salem. We will be using the "Red" parking lot located behind the football stadium. Please come join in on the fun. Details and registration is located on page 14.

Saturday, May 22nd: Porsche Corral: Once again this year, the Triad Area will join up with the American Children's Home (ACH) for their annual Car Show. This is the Triad Area's major charity event of the year and we want to invite all members to come out and support this very worth while cause. Details and registration information will be coming later.

Next Triad Area Monthly Meeting: Tues-

day, February 16th at Big Shotz Tavern Located in Clemmons, Please come and join us at our February meeting to be held on Tuesday, February 16th, starting at 7:00, at Big Shotz Tavern in Clemmons. Caution: If you are coming to Big Shotz for the first time and use your GPS be careful because there are two River Roads in the area and you might end up at the wrong location. Here are directions to Big Shotz: If you are heading West on I-40, take Hwy #421 exit; then take the Lewisville-Clemmons Road exit; at the top of the ramp, take a left back across Hwy 421; at second light take a right onto Styers Ferry Road and Big Shotz Tavern in on the right just behind Rite Aid Drug Store.

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Hello again fellow Porsche enthusiasts

I got involved in another rather unique project and mentioned it to Harvey, wondering if maybe any of you might be inclined to share an interest. Therefore, and to wit, I shall describe my latest Porsche project of scratch-building a composite, carbon-fiber, custom piece of engine ductwork.

It will be a challenge to write an understandable description of the procedure, but hopefully the pictures will make up for any lack of definition the words and my inability to write them well might entail.

Another observation worth mentioning is that what I am describing here is definitely not an "easy way out" solution, nor is it a "low cost alternative". This is much more in the category of "I aspire to learn some new stuff here, and I don't mind spending above-average coin to play and build some new knowledge which I'll likely find additional ways to use in the future".

My specific need arose due to the EFI engine modification I last wrote about some months ago, and the result is very specific in nature, however, the same principles might apply to a host of different applications. You may have a need to make a part which needs to be replaced or to do like me, designing a specific piece which no one has ever made before.

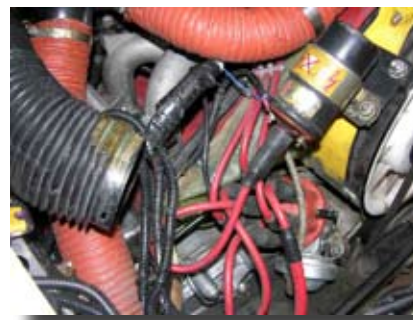
In my case, I needed to fabricate a piece to replace the heater plenum Porsche part which no longer worked due to interference with the newly installed fuel manifold on the left side of the engine compartment of my 1980 911SC.

I have had an interest in the family of composite materials for many years, but really got some good hands-on experience when my Dad and I were building our high-performance two seater Falco F8.L aircraft. There were about a dozen unique fairing pieces which needed to be built for covering various non-faired voids. I had already had a bit of exposure to composites from my work experience with USAirways as a jet mechanic.

Now don't let that scare you away, if you wish to explore some of these options. Many of the necessary skills and tooling don't require a lot of investment or huge levels of intricate knowledge. The craft is generally pretty forgiving, but certainly some previous types of related experience can come in handy.

Composites can come in a number of different descriptions. Woven fiberglass fabric is perhaps the most common, and indeed with my project, I began with glass as a baseline for my mold. These days, carbon-fiber is becoming all the rage, due to its higher strength-to-weight ratio. Several other exotics in the composite family are in use today, but are well beyond the scope of this article. Carbon-fiber is nearly as easy to work with as fiberglass, although it's certainly more expensive and it also presents more of a health concern when sanding, as far as the tiny particulate matter being ingested into the respiratory system. Proper respirators and filters are a must-have. Material Safety Data Sheets (MSDS) are always recommended for the end-user to gain safe handling knowledge.

In general, it should be said that the application of this craft is especially suited to complex/compound curves and situations where lightweight pieces are desired to replace heavier, metal parts. Certainly, one would not be inclined to risk messing around with high-performance items that are better left to commercial-grade replacements.



I'll begin with saying that I didn't have much to go by when I began my quest to make my part. The old piece of molded plastic which hugs the left side of the main cooling fan was available, but the routing on the exit pipe was all wrong and was what interfered with the fuel rail I mentioned previously. I needed to tie

back into the existing, accordion-looking piece which ran to the electric blower fan featured on many year models from the late 70s through the 80s vintages. Getting there with my talents for imagination and innovative creativity was the fun challenge.



So I had to begin by making a new mold that effectively eliminated the old exit pipe so I could build a new pipe contoured with the appropriate curve and shape to clear the obstacle. Thus, I decided on a two-phase approach, because of the rather complex nature of what the end-result needed to look like. It was far easier to make two simpler pieces independently, then merge them together.

Because the basic process for both parts is nearly identical, I'll just jump right into the second piece. The second piece needed to be essentially a tube with an inlet shape compatible with the new plenum that fit against the motor case. The exit shape was to be a 3" diameter stub which would fit inside the accordion piece. Its overall shape in between was pretty much up in the air, but the idea was to get from point a to point b with the most efficient, conservative shape possible.

One of the biggest keys with working with composite pieces is to have a mold to work with. If one doesn't have a mold upon which to build the final shape, one

must be made.

I obtained some very rigid foam in 1" thick pieces. I laminated them together using West-systems epoxy and catalyst, blended to the correct ratios. The dispensers sold by West Systems online (West Marine's retail store in Charlotte is on South Blvd and Tyvola, behind Hooters; check your local listings or inquire possibly at your local marine supply) take all the guesswork out of measuring, by using a patented volumetric pump dispenser. I've found their epoxy system product to be a generally handy material to keep around the shop for a lot of different projects requiring waterproof adhesive/sealer, and relatively small quantities can be easily mixed with a very reasonable working time. The two components in an unmixed state have a long shelf life. The stuff is quite benign for the most part, and handling with mess protection like latex gloves is usually all that's required.

The resin/catalyst is definitely required for impregnating the glass or carbon-fiber cloth. It's a bit expensive, but not ridiculous.

Once the foam pieces were bonded and cured, I turned them on my lathe to an overall diameter of 3". I also left a square section at the end of the piece to be used for fitting into the fan shroud. You will also observe a rounded ring which pertained to fitting up against the accordion female end.

With the basic turned piece in hand, I opened the rear engine hood and that was where the trickiest part began. I sought to essentially remove anything from my mold that didn't look like my vision of the finished part, as the saying goes. There was some head-scratching, to be sure, but the end result picture is the best description of all. The material was very malleable, with ordinary abrasion and cutting tools.

The three smaller pieces were attached to one another, using the trusty epoxy once again with temporary pins for holding, and allowed to set under a heat lamp for a final cure. Once the dried pieces were sanded and shaped, the very nicely

contoured mold piece resulted. The original factory steel ring can be seen, which was ultimately reused as a round, internal surface upon which to tighten the 3" hose clamp, just as it was originally intended.



Now I had my master mold. That was a good accomplishment, and the rest of the work flowed more easily.

Next was the initial tube which was built directly onto the mold piece. I decided to begin with two layers of glass cloth and would end with carbon-fiber as a top material, chosen both for its strength and also sexy appeal, AND because I'd never worked with it before and wanted to try my hand at it!



Enter the process referred to as "vacuum bagging". This is an optional process, and one which will necessitate a bigger investment, normally only suggested for someone who will very likely use this bag of tricks in the future. I already had a large capacity, 220VAC, upright air compressor (minimum suggested CFM rating

would be 100) as well as the critical vacuum box apparatus, and some leftover supplies from my days of making fairings for the aircraft.

A person can do without all these things, but the end result will not normally be as lean and lightweight, as the vacuum process squeezes out any excess resin and really sucks the composite material down onto the exact contour of the mold. This process is used extensively in the aircraft business, both in fabricating new parts and repairing existing ones. High-performance auto applications also abound. Charlotte's USAirways maintenance facility has an entire department dedicated to the craft, since composite technology is a big feature in both the Boeing and Airbus fleet types.

The mold is first covered with any number of mold release products. Either with or without the bagging program, the resin is then mixed and introduced to the fabric which has been roughly cut to size. The glass and/or carbon-fiber is subsequently laid upon the mold, usually with heat applied, until the resin goes through its transitional process from liquid to solid, normally requiring several hours. If the bagging process is used, the entire assembly of mold, cloth, non-stick materials, resin and absorbent materials are placed into the bag, sealed, and then a vacuum is drawn on the whole mess, yielding the leaning and forming effect previously mentioned.



Once the resin hardens, the part needs to be separated from the mold, and here's where diligent and liberal use of the mold release agents come in super-handy. Without them, you may very well end up with a part which cannot be unwed from its partner.

I had already concluded, due to the com-

plex nature of the compound-angled, curved tube, I would have to actually make two parting cuts, one on each side of the piece, which would then have to be merged back together once the mold piece had been extricated.

Any rough areas in the finished mold were then removed with typical abrasion tooling.



other two side pieces, which took another painstaking 48 hours to complete.



Once that piece was done, I simply had to cut a rectangular hole where the tube penetrated the shroud and apply a sealant bead, covered with two more small pieces of carbon fiber for strength.

The material is easily finish sanded, if necessary, and drilled. Within just a short hour or two, I had the piece installed and reconnected to the accordion. With a little skill and some ample luck, my piece fit just right around the fuel manifold. Now I have cabin heat again, just in time for the cool Carolina months ahead.



Next came the top layers of carbon-fiber. The black woven cloth, which comes in several different coarseness grades, is generally much more stiff than the fiberglass which meant working more diligently with smaller pieces. I ended up using a larger top and bottom piece, both applied one at a time and requiring 24 hours set time each. Then I similarly applied the



Yes, you've read that right... **Bobby Stikeleather**, Hickory's finest, is back in action tending to all your Porsche needs. He has teamed up with Porsche collector, **Matt Drendel**, and started what will surely become the premier independent Porsche service center of the Carolinas.

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Additional information on all classified ads can be found by either contacting the seller or checking our website for photos at www.carolinas-pca.com.

Porsches

1965 356SC Coupe: VIN 130726. Dolphin Gray/Blue Interior. Strong driver, cosmetically and mechanically correct. 12Volt, 9,000 miles on rebuilt motor. many extras. \$52,000. Contact Ed Zurich, Hendersonville, NC edzunic@bell-south.net or 828-696-3140. (2/10)

1979 Porsche 911SC Targa: VIN 9119210644. Very well-maintained, original car w/130,000 miles. I am the third owner and have maintenance/repair records going back to its first owner. The car sports an older repaint of the original silver color. Targa top is in perfect condition. Mostly original car with some significant updates, including Turbo tie rods, '99 Boxster CDR 220 radio with Alpine amp, CDT door speakers and Infinity rear speakers. New tires and new alternator (not rebuilt) three months ago. Within the past year it has had new rear brake pads, a new clutch, and the engine has been out to be re-sealed. (Eurowerks here in Charlotte did the work.) A/C recently charged with R134 and cools quite well. Power seats and mirrors, but door locks and windows are manual. For its model year, this is an exemplary Porsche. This car has just entered the "classic car" category and has been valued at \$15,000 for local tax purposes. I'm asking \$16,500 for this exceptional vehicle. Contact Joe Rose, Charlotte, NC, nineelevener@yahoo.com. (2/10)

1985 911 Targa: Marble Gray with full Navy Blue leather, 96,900 miles. Very good condition, both mechanically and cosmetically. Replaced all weather seals around windows, doors and roof. This car doesn't leak in the rain. Engine is strong and also does not leak. Runs on Mobil 1. Heater boxes replace, starter relay replaced, new clutch installed 3K miles ago. New leather front seats (sport seats) last year. Clock rebuilt and keeps perfect time. Power windows, locks and seats, cruise control, aftermarket Kenwood AM-FM CD with new speakers in the doors and Chromed Fuchs with chrome Porsche shield centers. AC was updated about 3 1/2 years ago, but needs a charge now. Targa top in good condition. Was nicely repainted original color at some point before I owned the car and is still in good shape except for a few stone chips up front. Lots of pictures on request! Contact Wayne Searle bbbboxster@hotmail.com or 828-312-1325. Claremont, NC. Asking \$18,000.00 (1/10)

1986 911 Turbo Coupe: VIN: WPOJB0936GS050671. Ruby Red Metallic w/Chocolate Full Leather, Sport Seats, Sunroof, A/C Cooling Fan, 43,947 Miles, \$35,000 Firm, Stock except modified back to full European including engine, No track time, Garaged, Previously maintained by MOSPORT Automotive Service, Jax, FL, driven little since. Very Good Condition, Fast, For photos/info contact Perry Wall, Fleetwood, NC, 336-877-8864 or nccabin@skybest.com (1/10)

1988 944 Turbo: Guards Red w/ black interior. 115,000 miles. Great condition. New Konis, Yokohama tires, recent brakes, battery, alternator, starter, and CV joints; everything works great. Daily driven. Priced at \$9,800. Call Joel Barber, Greenville, SC (864)414-3481 or joel@barberraceworks.com (2/10)

1999 Carrera 4: WPOAA2990XS625253 Black/Tan. 60,XXX miles. Excellent exterior and interior condition. Always garaged. All required service performed including recent 60K service. New OEM brake pads. New Michelin PS2 tires (less than 1000 miles use). Ventureshield clear bra. Agency Power exhaust with terrific sound! Fabspeed cold air intake. Factory aero kit. Silver Porsche hood crest. Runs and drives great! Non-smoker. No accidents. Everything works! Maintenance records available. Used as a weekend car; no rain or snow. No track use. Must see! I have loved every minute of driving this car, but am selling for a turbo. \$30,500 OBO. Kelly Baird, Lewisville, NC. (336) 580-0809 or kbaird@wfubmc.edu. (2/10)

2000 Carrera Cabriolet: VIN WPOCA299XYS651353. Black w/ Silver Grey interior. 32,700 miles. Excellent condition. Paint bubbles on lower door skins. New roof, new paint. \$35,000. Contact Dianne Welsh or Ted Shalek, Greensboro, NC. dhwelsh@gmail.com, ted.shalek@gmail.com or 336-617-6833. (2/10)

2002 seal grey C4 cabriolet with 40K miles. Black interior with much carbon fiber. Tiptronic, Nav, CD, hardtop, etc, etc. Excellent cond with no damage history. Sell for \$35,000 or would pay difference to trade for later model C4 cab with 6 speed. Bob Futrell 828-385-3100 or bjfutrell@ccvn.com (1/10)

2004 Cayenne VIN WP1AA29P54LA23726; titanium with grey leather interior, 63,500 miles. Heated front seats, 18" wheels, trailer hitch attachment, navigation. Very good condition. \$21,500. Contact Frank Sefcik, Asheboro NC, sefcik@earthlink.net or 336-460-0813 (1/10)

2007 Cayman Coupe VIN WPOAA29827U762321. Meteor Gray, Black leather interior. 13k miles. Five year wheel & tire Insurance. Garaged, original non-smoking, non-racing owner. No dings. Oil change & written inspection records from Leith. Happy to send photos, but it looks like "the one in the showroom". \$35,000. Contact Joe Warner, Rocky Mount, NC. 252-908-1829 or sercy@hotmail.com (1/10)

2007 987 Cayman S Coupe. VIN WPOAB29857U783337. Meteor Gray, Black Leather Interior, Heated Sports Seats. 12K+ miles. 1 Owner, Excellent Condition, Non-Smoker, Garaged. Factory sport shifter, Sport chrono w/o PCM, Xenons, Thicker steering wheel, Std 18s wheels. \$65,515 MSRP. Price \$45,000. Contact David Lambert, Winston-Salem, NC. lambert@lambertai.com or 336-777-3657 x103. (1/10)

Parts - Parts Cars - Projects

996 hardtop: Seal Gray with black headliner. Mint condition. Located in Little Switzerland, NC. \$650. Contact Bob Futrell, 828-385-3100 or bjfutrell@ccvn.com (1/10)

Wheels: from '94 911; 2-6x16, 2-8x16. Good condition. \$250 OBO. Contact Ron Tedder in Winston-Salem, NC at ron-tedder@aol.com or 336-399-9813. (2/10)

Fuchs wheels: Set of 4 original Porsche Fuchs with painted crest center caps. The center caps have a little haze on them but will polish up good. One of the wheels has curb rash and some bubbling under the chrome. 2 7X16's and 2 8X16's. Chris Creasman, Easley SC 864-859-4199 (2/10)

Porsche suspension and harness parts: One pair of Brey-Krause R-9001 Tunnel-Side Seat Belt Mounts - asking \$35 OBO. One pair of Sway-A-Way 30mm Hollow Torsion Bars for the rear of an '87-'89 (G50) 911 - used, in great shape, a few scratches on the paint - asking \$200 OBO. One pair of Sway-A-Way adjustable spring plates for the rear of an '87-'89 (G50) 911 - used, in great shape, complete with polyurethane bushings - asking \$190 OBO. Contact David Anderson in Durham, NC, at david@greatpumpkinracing.com. (1/10)

Non-Porsche

2003 MINI Cooper S: WMWRE33483TD69202, dark silver with black top, black leather seats, Premium, Sport and Cold Weather Packages. Sun Roof, AM-FM-CD, Xenons, BBS R90 wheels, Hankook K104 205/45x17 with like-new tread, 15% pulley, K&N Typhoon CAI, Clear Bra. One, non-smoking owner, always garaged, meticulous maintenance, never tracked or autocrossed. 57k miles. \$15,500 OBO. Peggy Simm, Winston-Salem, NC. For pictures, e-mail psimm@triad.rr.com. 336-768-4415 or 336-413-0389. (2/10)

2008 BMW 135i, Crimson Red with black leatherette and aluminum trim, 6-speed manual, Sport package, 11K miles. This car is equipped with JIC Cross Competition coilovers and polished aluminum strut brace, and a H&R front sway bar, but can be returned to stock for interested buyer. Very quick and very responsive handling car. Photos at <http://tinyurl.com/yddm9x4>. \$29,500. Contact Brian Sartori at M3_135@comcast.net or 803-341-0154, North Augusta, SC. (2/10)

Mountain Top Condo Rental: \$99 a night special rate! Relax in our beautiful, fully furnished home away from home after you've worked out the rubber on the twisty mountain roads in your Porsche. We are located at the very top of "Echota on the Ridge" in the small town of Foscoe, just minutes from Boone, Banner Elk and Blowing Rock. "Echota on the Ridge" is a beautifully situated 97 acre gated community. Spectacular ridge-top views of the Blue Ridge Mountains abound from our spacious 2 bedroom / 2 bath condo. We are in a top floor unit with a vaulted ceiling in the living area and a sleeper loft. Our unit will comfortably sleep up to 6 people. Please visit <http://www.vrbo.com/179869> for additional info and pictures, or email Mike Zuege at top.of.echota@gmail.com (1/10)

Wanted

Wanted to borrow: 1987-1995 928 radiator for automatic transmission (2 coolers). I have found a Charlotte-local fabricator to make an all-aluminum radiator and he would like one on hand to make it a drop-in fit. I need mine (even while leaking) for my daily responsibilities, so I cannot have any down time on my car... until the new one is ready to install over a weekend. The radiator doesn't have to be good -the shop will just be using it for the dimensions to match to the new one. I can pick it up and bring it back or can pay for the shipping both ways (if reasonable). Any assistance is appreciated! Please contact Barry Holtan at 704-231-0820 or bholtanexp@msn.com (1/10)

Want to buy or sell a Porsche, or Porsche related parts or items?

Guidelines for Carolinas Region Classified Ad Submissions

- 1) All ads should be submitted to Ed Beroset, Classified Ad Coordinator, at:
classifieds@carolinas-pca.com
602 Stonehill Rd
Chapel Hill, NC 27516-9526
Home: 919-942-3838
Cell: 919-260-6307.
- 2) All ads will be posted to both Tobacco Roads and to the Regional Website unless otherwise directed.
- 3) You must provide your current PCA membership number when submitting a classified ad.
- 4) No posting of ads for friends. Immediate family is ok.
- 5) No commercial ads. All commercial ads must be purchased. Contact TR Editor for pricing.
- 6) Ads will run for two month. If the item is not sold within that time frame the seller will need to contact the Classified Ad Coordinator at classifieds@carolinas-pca.com and request an extension. Each extension will be for one additional month.
- 7) All pictures submitted should be in .JPG format and no larger than 800x600. One picture per submission.
- 8) Pictures will run on the website only.
- 9) All ads will be subject to editing for consistency and length.
- 10) Ads should include:
 - a. An accurate description of the item or items (including VIN preferably if applicable).
 - b. Price (Ads will not be accepted without pricing).
 - c. Where you and the item are located.
 - d. Contact information including name, phone number, and/or email address.

Below is a sample of the format we will utilize:

1964 356 Coupe: VIN 12323456. Champagne Yellow w/ Black interior. 150,100 miles. Very good condition. Paint bubbles on lower door skins. 12 volt conversion. \$42,995 firm. Contact Bob Smith, Hickory NC. bsmith@hotmail.com or (704) 555-1212.

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