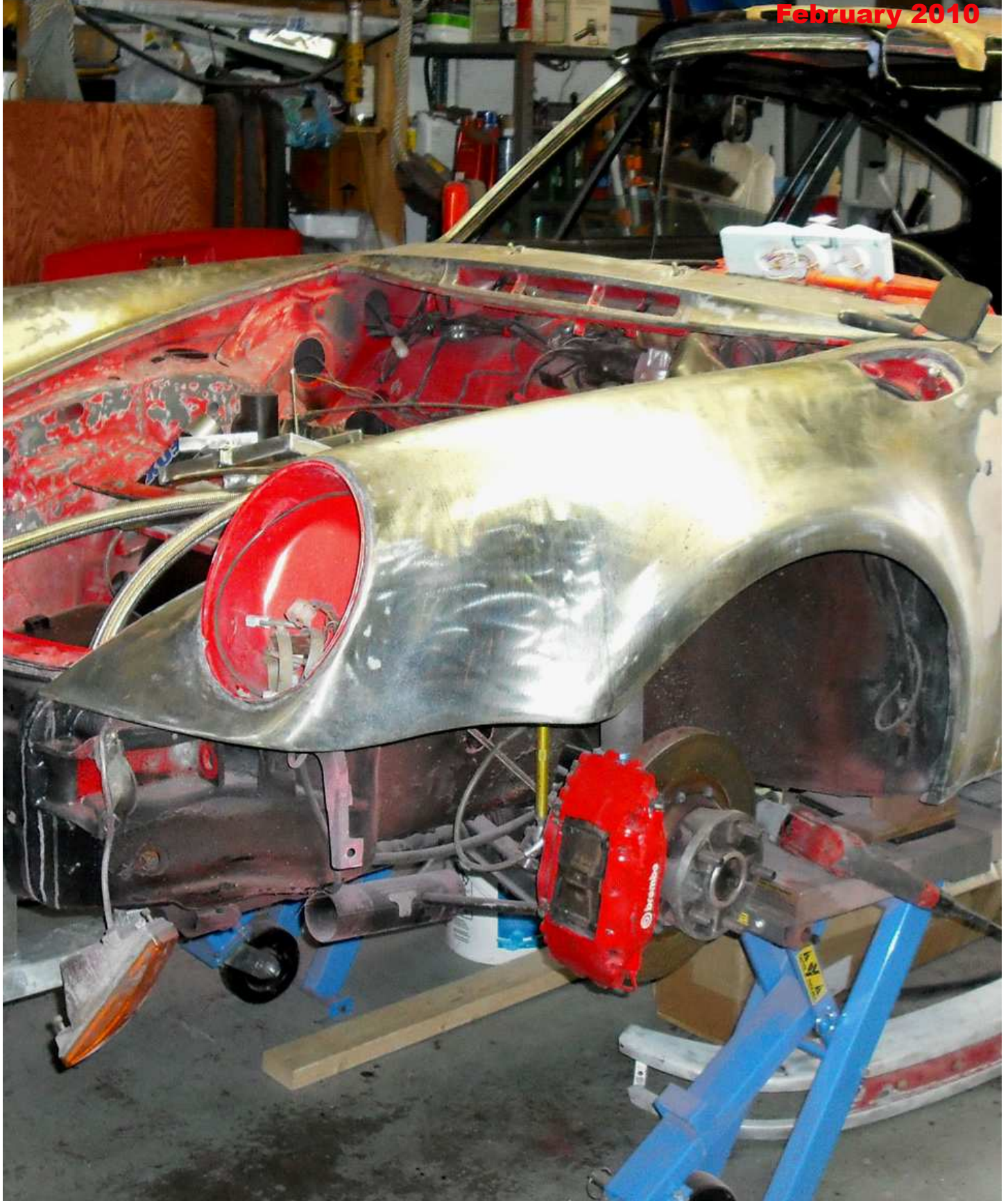


Bluegrass Region Porsche Club of America

# RUMBLE

February 2010



# Start Packing!

## The 2010 Porsche Parade St. Charles, Illinois • July 3-9, 2010

### PCA's National Convention offers:

Autocross • Concours • Rally  
Driving Tours • Tech Sessions  
Social Events • and more!

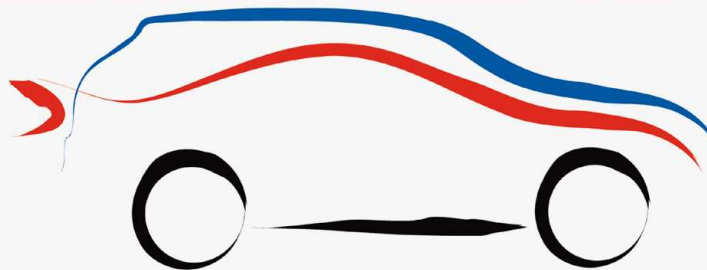
Explore the beautiful Fox River Valley  
and nearby Chicago-area attractions.

Learn more and  
register at  
[parade2010.pca.org](http://parade2010.pca.org)

Registration opens  
March 9, 2010  
so start planning now!



2010  
**PORSCHE  
PARADE**  
*St. Charles*



***PAUL'S FOREIGN AUTO***

**Complete Service including most  
up to date Porsche diagnostic equipment**

**Diagnosing:**  
Motor Electronics  
ABS  
SRS  
Tiptronic  
Climate Control  
Alarm  
and more

**Danny Puchalski**  
**Porsche Specialist**

218 N. Martin Luther King Blvd.  
Lexington, KY 40507  
859.253.9900 859.254.6219 fax

*Simply, Service Excellence*



# RUMBLE

February 2010 Vol. 8 No. 2

## Table of Contents

- |   |   |
|---|---|
| 4 Club Officers                             | 11 One Porsche-Owner's Resolutions<br>By Paul Elwyn |
| 5 President's Message                       | 13 Benson Miller's 930 Turbo Project                |
| 6 'Branching Out...The Porsche Family Tree' | 21 Porsche Heritage By Phillip Doty                 |
| 6 Membership News By Tim McNeely            | 23 DE Myth Busting By Clark Harrison                |
| 7 Calendar of Events By Mark Doerr          | 24 Six Flat Cylinders Nuts By Anonymous             |
| 9 Annual Meeting                            |   |
| 10 Fox Valley Region 20th Anniversary       |   |

### ADVERTISERS

- 2 Paul's Foreign Auto
- 20 James W. Wilson Consulting
- 21 Stuttgart Motors, Inc.
- 22 4N Affairs Motorwerks
- 25 ABRACADABRAgraphics

### HOW TO ADVERTISE

To advertise in RUMBLE visit [bgs.pca.org](http://bgs.pca.org) to download a form.

#### Advertising rates:

Quarter Page \$15/month, \$120/year;  
Half Page \$30/month, \$240/year;  
Full Page \$60/month/\$400/year.

Classified Ads are free to members,  
free to anyone for Porsche-related items,  
\$15/month for non-Porsche items.

Paul Elwyn, *Editor* 821 Pecos Circle, Danville, KY 40422  
[bgs.pca.rumble@gmail.com](mailto:bgs.pca.rumble@gmail.com)

RUMBLE, published monthly and distributed via electronic means, is the official publication of the Bluegrass Region, Zone 13, Porsche Club of America, Inc., a non-profit organization registered in the state of Kentucky. Statements and opinions appearing herein are those of the author and do not necessarily represent the official position of the Bluegrass Region PCA, their officers, or members. The Editor reserves the right to edit all material published. Permission to reprint any material published herein may be granted only after contacting the Editor. The Rumble is best viewed in an up-to-date Adobe-approved PDF viewer. For more information please visit [adobe.com](http://adobe.com). PORSCHE®, the Porsche Crest®, CARRERA® and TARGA® are trademarks of Porsche AG. Unauthorized use of these marks is a violation of U.S. trademark law and may subject the user to prosecution and liability.

To be added to the distribution email, please update your PCA email address or contact the editor.



## Bluegrass Region PCA Club Officers



**Paul Elwyn,**  
*President and  
Newsletter Editor*  
paul.elwyn@gmail.com  
859-583-0205



**Ed Steverson**  
*Vice President and  
Dealer Liaison*  
ed@abracadabragraphics.us



**Gary Hackney**  
*Past President*  
ghackney@att.net



**William Glover**  
*Secretary*  
glarde2k3@yahoo.com



**Bob Lovejoy**  
*Treasurer*  
bobl@lexmark.com



**Tim McNeely**  
*Director at Large  
Membership Chair*  
TMcNeely@vp.com



**Mark Doerr**  
*Director at Large  
Activities Chair*  
markdoerr@insightbb.com



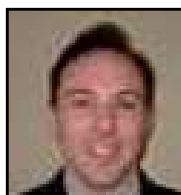
**Larry Woods**  
*Director at Large*  
reddog911@gmail.com



**David Patrick**  
*Director at Large*  
ptrckdvd@yahoo.com



**Benson Miller**  
*Track Chair*  
BensonM@locknet.com



**Chris Davis**  
*Webmaster*  
cdmcse@yahoo.com



**J.W. Wilson**  
*Safety Chair*  
jww3@ieee.org



**Jim Brandon**  
*Technical Chair*  
jb993@roadrunner.com

### Bluegrass Region PCA Photographer and Historian



**Mary Doerr**  
*Photographer*



**Julie Woods**  
*Historian*

### National PCA Board Officers from Bluegrass Region



**Phil Doty**  
*PCA RPM Chair*  
PHDoty@aol.com



**Ken Hold**  
*Zone 13 Rep*  
Kendellhold@insightbb.com

**The Bluegrass Region  
PCA Board of Directors  
meets on the first  
Monday of each month  
at 6:00 p.m. to eat,  
7:00 p.m. for business.  
Members are welcome.  
See the Calendar  
for details**



## President's Message



**Despite foul weather, with four activities this month we can at least TALK about, see Porsches**

**S**ixteen members, including all elected Board members, gathered for the business meeting at Bar Louie on February 1st.

The productive meeting included an overview of upcoming activities reported by Activities Committee Chair **Mark Doerr**, Dealer Liaison **Ed Steverson**, and Technical Chair **Jim Brandon**, details to unfold in Rumble, on the Calendar and in forthcoming Chat and website announcements.

In addition to activities news, Webmaster **Chris Davis** demonstrated a redesign of our website that for the first time will enable officers to update the site and to enable members to login to use new features to be announced following a trial period for Board members.

These exciting website changes will provide enhanced communications, member services, and more fully reflect the very active nature of this club.

Also at this meeting, Board members readily agreed to be individually responsible for at least one social activity during the year, another strategy to further engage members.

In February, alone, we have:

- February 6th **Cars & Coffee**, 9:00—10:00 a.m. at Frisch's on Harrodsburg Road
- February 20th **GT3 Tech Show & Tell**, Jim Brandon's Garage, 10:00 a.m.-Noon
- February 21st **Membership Meeting**, 5:30 p.m. in the private room of the Joseph-Beth Bronte's Bistro
- February 25th **"Branching Out...The Porsche Family Tree"** car show at Porsche of the Village in Cincinnati

We lucked out with mild, albeit damp weather for the January 23rd tech session featured in this issue of Rumble. Ten club members gathered to study a disassembled 930 Turbo, a great way to spend a Saturday morning in January!

I want to thank **Benson Miller** for hosting the event.

Elsewhere in this Rumble see details regarding the February 20th technical session.

The Activities Committee consisting of **Mark Doerr**, **Gary Hackney** and **David Patrick** continues to plan for the club, so let these men know if

you have recommendations.

In fact, please contact any member of the Board with suggestions for the good of the club. We all will benefit from member involvement.

Winter months may curtail somewhat our seat time behind a Porsche wheel, but restaurant gatherings, special events, and garage time with kindred souls go a long way to compensating for this reality.

This issue of Rumble is packed with information, thanks to club members! Contributors to this issue of Rumble are **Benson Miller**, **Clark Harrison**, **Phillip Doty**, **Ben Prewitt**, **Tim McNeely**, and **Mark Doerr**.

As demonstrated again this month, Board meetings are productive, informative and fun, so attend a Board meeting on the first Monday of each month at 6 p.m. to eat or at 7 p.m. for business. See the calendar for location.

Despite foul weather, with four activities this month we can at least TALK about and see Porsches with people who understand.



### ***2010 GT3 Technical Show & Tell***

**February 20th**

**10:00 a.m.—Noon**

**Jim Brandon's Garage**

**A Technical Overview, above and below  
Directions to be posted on Chat**

**February 25th**

# Porsche of the Village hosts 'Branching Out...The Porsche Family Tree'

**Bluegrass Region PCA members are invited to "Branching Out...The Porsche Family Tree" at Porsche of the Village, February 25th.**

Featuring an array of notable Porsche models displayed throughout the multiple show-rooms and workshop of the 55,000 square-foot facility of Porsche of the Village, this event duplicates on a smaller scale the Porsche family tree, according to Certified Regional Sales Leader Bruce Harnish.

"For the past few years we have held an invitational event and offered free tickets to the Cincinnati Auto Exposition for our customers.

"Initially we held our soiree at the venue, the Duke Energy Convention Center downtown, but last year after we moved into our spectacular new 55,000 square-foot facility, we decided instead to maximize its appeal, and to good effect.

"We treated between four and five hundred people to valet parking, beer, wine, light hors d'oeuvres, a few exhibitions, a presentation and book signing by Derek Daly, the former Formula One Driver and TV Announcer, and of course free tickets to the show. It was an outstanding success!

"This year we will repeat the experience Thursday evening, the 25th of February, and we invite the members of the Lexington Porsche community.

"We will again have a featured speaker, and the theme will be 'Branching Out...The Porsche Family Tree' inspired by the popular ad at the following link:



[http://adsoftheworld.com/media/tv/porsche\\_family\\_tree](http://adsoftheworld.com/media/tv/porsche_family_tree)

"We anticipate another exciting event, and we hope members of the Lexington Porsche community will join the fun on February 25th!"

— Bruce Harnish

For further information, contact Bruce at 513-272-7530 or 937-672-9417 (Cell), [www.theautomile.com](http://www.theautomile.com).

## MEMBERSHIP NEWS

One member signed this past month. Please join me in welcoming:

Juan Favetto of Versailles      2009 911

Our membership stands at 128 Regular Members and 88 Family & Affiliate Members, making our total membership 216.

Also, please recognize the following Member Anniversary dates:

• Thomas Ashford	1988
• Greg Fishman	1996
• Richard Lane	2002
• Terence Ross	2005
• Wigham Arnold	2007
• Albert Remley	2007
• Tracy Cameron	2008
• John Osborne	2008
• Harry Hageman	2009



**Tim McNeely**  
*Membership  
Chair*

# CALENDAR OF EVENTS

## FEBRUARY

February 13, 2010: Cars & Coffee, 9:00 am, Frisch's on Harrodsburg Rd. For more details contact Paul Elwyn 859.583.0205

February 20, 2010: GT3 Tech Show & Tell, Jim Brandon's Garage. For more details contact Jim Brandon [jb993@roadrunner.com](mailto:jb993@roadrunner.com)

February 21, 2010: Membership Meeting, 5:30pm, Location Bronte's in Joseph Beth Booksellers at Lexington Green. For more details contact Paul Elwyn 859.583.0205

February 25, 2010: "Branching Out...the Porsche Family Tree" car show, Porsche of the Village in Cincinnati. For more details contact Bruce Harnish 513-272-7530.

## MARCH

March 1, 2010: Board Meeting, 6:30pm Dinner, 7:00 Meeting, Bar Louie in Lexington Green, Lower Level. For more details contact Paul Elwyn 859.583.0205

March 9, 2010: Porsche Parade at Pheasant Run registration opens. Closes on March 11, 2010.

March 13, 2010: Cars & Coffee, 9:00 am, Frisch's on Harrodsburg Rd. For more details contact Paul Elwyn 859.583.0205

March 20, 2010: Changing Fluids Tech Session, Jim Brandon's Garage. Lift by prior arrangement, but all observers welcome. Contact Jim Brandon [jb993@roadrunner.com](mailto:jb993@roadrunner.com)

March 21, 2010: Membership Meeting, 5:30pm, Location TBA. For more details contact Paul Elwyn 859.583.0205

March 27, 2010: Porsche of the Village Service Clinic. More information coming or contact Bruce Harnish 513-272-7530.

## APRIL

April 5, 2010: Board Meeting, 6:30pm Dinner, 7:00 Meeting, Location TBA. For more details contact Paul Elwyn 859.583.0205

April 10, 2010: Cars & Coffee, 9:00 am, Location TBA.

For more details contact Paul Elwyn 859.583.0205

April 24, 2010: Drive the Track Day and Membership Meeting Kentucky Speedway Spend \$40.00 in the gift shop and get 3 laps on the track and then a drive to Bluegrass Motorsports in Louisville. You can participate in either or both. Times will be announced. For more details contact Ed Stevenson at 502-320-2655.

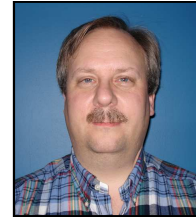
## MAY

May 3, 2010: Board Meeting, 6:30pm Dinner, 7:00 Meeting, Location TBA. For more details contact Paul Elwyn 859.583.0205

May 8, 2010: Cars & Coffee, 9:00 am, Location TBA. For more details contact Paul Elwyn 859.583.0205

May 15, 2010: Winery Drive, location and time TBA. For more information contact Tim McNeely at [TMcNeely@vp.com](mailto:TMcNeely@vp.com)

May 16, 2010: Membership Meeting, 5:30pm, Location TBA. For more details contact Paul Elwyn 859.583.0205.



**Mark Doerr**  
Activities  
Chair

May 22, 2010: Tennessee Tubs, The Tennessee Tubs have invited us to a most memorable Porsche event at Cal Turner III farm in Kingston Springs, Tennessee. More information coming. For more information contact Larry Woods at [red-dog@webcats.net](mailto:red-dog@webcats.net) or <http://tntubs.cnoble.com/>

## JUNE

June 7, 2010: Board Meeting, 6:30pm Dinner, 7:00 Meeting, Location TBA. For more details contact Paul Elwyn 859.583.0205.

June 12, 2010: Cars & Coffee, 9:00 am, Location TBA. For more details contact Paul Elwyn 859.583.0205

June 13, 2010: Ault Park Concours D'Elegance, Ault Park Cincinnati. This year will feature International Designers and Coachbuilders. TBA For more information : <http://www.cincyconcours.com/> or

# Cars & Coffee

February 13th



**9:00-10:30 a.m.**

**Enjoy  
breakfast and  
tire kicking with  
Bluegrass Region  
at Frisch's, Harrodsburg Rd.**

# CALENDAR OF EVENTS

**Activities?** What to do??? Spring is right around the corner, and let's put on our thinking caps and come up with some ideas. Gary Hackney, David Patrick and I are the activities committee for the club. We would like to have some input on what you would like to do. There are so many neat things we can do but we need some help. We do have some ideas and can you give me some thoughts on these:

- Swap meet. You know you need to clean out your garage and another man's extra part is that new engine you need.
- Tech Sessions. You know you need to align, replace or swap parts and in a tech session it gets done faster. What do you

need to get done that you have been putting off?

- Winery/Distillery/Brewery or anything tour.
- State Park or National Park drive. Does park and drive really go together? Of course!

Let us know what you want to do. We have received some ideas and would like to load up the calendar with lots of neat things to do. Contact me! Right Now!



**Mark Doerr**  
**markdoerr@insightbb.com**

contact Ken Hold at 859-396-3502.

June 20, 2010: Membership Meeting, 5:30pm, Location TBA. For more details contact Paul Elwyn 859.583.0205.

## JULY

July 5, 2010: Board Meeting, 6:30pm Dinner, 7:00 Meeting, Location TBA. For more details contact Paul Elwyn 859.583.0205.

July 3-9, 2010: Porsche Parade at Pheasant Run in St. Charles, IL. Please see <http://parade2010.pca.org/> for more details.

July 10, 2010: Cars & Coffee, 9:00 am, Location TBA. For more details contact Paul Elwyn 859.583.0205

July 17, 2010: Lexington Concours d' Elegance at

Keeneland For more information: [www.keenelandconcours.com](http://www.keenelandconcours.com)

July 18, 2010: Membership Meeting, 5:30pm, Location TBA. For more details contact Paul Elwyn 859.583.0205.

July 31: 2010: Porsches to Oxford. Meet at Georgetown Wal-Mart at 7:30 am. Leave at 8:00 for caravan to Oxford. For more information contact Tim McNeely at [TMcNeely@vp.com](mailto:TMcNeely@vp.com) or: [www.porsches2oxford.com/](http://www.porsches2oxford.com/)

## AUGUST

August 2, 2010: Board Meeting, 6:30pm Dinner, 7:00 Meeting, Location TBA. For more details contact Paul Elwyn 859.583.0205.

July 14, 2010: Cars & Coffee, 9:00 am, Location TBA.

For more details contact Paul Elwyn 859.583.0205

August 15, 2010: Membership Meeting, 5:30pm, Location TBA. For more details contact Paul Elwyn 859.583.0205.

## SEPTEMBER

September 6, 2010: Board Meeting, 6:30pm Dinner, 7:00 Meeting, Location TBA. For more details contact Paul Elwyn 859.583.0205. September 11, 2010: Cars & Coffee, 9:00 am, Location TBA. For more details contact Paul Elwyn 859.583.0205

September 19, 2010: Membership Meeting, Time TBA, Location Larry & Julie Wood's house on Leestown Road. Pot Luck and BYOB. Club will be providing Hamburgers and Brats. For more

details contact Paul Elwyn 859.583.0205.

## OCTOBER

October 4, 2010: Board Meeting, 6:30pm Dinner, 7:00 Meeting, Location TBA. For more details contact Paul Elwyn 859.583.0205.

October 9, 2010: Cars & Coffee, 9:00 am, Location TBA. For more details contact Paul Elwyn 859.583.0205

October 17, 2010: Membership Meeting, 5:30pm, Location TBA. For more details contact Paul Elwyn 859.583.0205.

**January 17th**

# **Annual Meeting: Leadership overview, some planning, good food & great conversation**

**O**ur Annual Meeting on a rainy January 17th evening at Embassy Suites off Newtown Pike provided a casual gathering of Bluegrass Region Porsche enthusiasts focused on camaraderie and looking forward to an entertaining year of club activity.

With eight of nine officers present among attendees, conversation moved from a quick recognition of club leadership and a thumbnail of the board's commitment for the next year to simply dining among fellow Porsche owners.

Dealer Liaison and Vice President Ed Steverson provided a bonus by handing out Porsche calendars provided by Porsche of the Village in Cincinnati.

Key elements in the club's leadership for the next year are the new Activities Committee and the new Technical Chair.

Activities Committee members are Mark Doerr (Chair), Gary Hackney and David Patrick. These three spent some time at the Annual Meeting to discuss upcoming events for the club.

The Activities Committee invites suggestions from club members, so contact Mark, Gary or David with ideas for events.

The Board at the January 4th meeting named Jim Brandon Technical Chair. Jim will be coordinating tech events and information for the club.

Contact Jim if you have a recommendation for a tech session. If you are planning work on your Porsche or have an interest in sharing information regarding some aspect of Porsche maintenance or repair,

contact Jim to discuss your interest.

Although the January membership meeting technically is considered our Annual Meeting, our monthly socials as a rule are simply social events designed to provide opportunity for Porsche-related relaxation, so watch the activities calendar and Chat to find out where you can join the group this month.



**Activities Committee members (from left) Mark Doerr, Chairman; Gary Hackney, and David Patrick discuss activities for the year.**

Attendees and their rides on January 17th were Larry Woods, 2500HD; Fran Lockwood and Ken Partymiller, old Honda; Mary and Mark Doerr, Camry Hybrid; Tim and Trish McNeely, 2004 Cayenne Turbo; Bob and Nancy Lovejoy, Lexus RX 350; Ed and Corbin Steverson, 2004

Cayenne S/KTM85; Brian Wooldridge, walker; Ken Hold, 2006 Turbo S Cayenne; Jamie Donaldson, 4Runner; David and Patricia Patrick, 2004 GS300 Lexus; Jim Brandon, Toyota truck; Gary Hackney, and Paul and Maureen Elwyn, 2005 Mercedes C230 Sport Sedan.

# Fox Valley Region Porsche Club of America 20<sup>th</sup> Anniversary Celebration

All previous and current officers and members of the FVR,  
as well as current members and officers in Zone 13 are invited

Saturday, July 24, 2010

Noon to 7:00 PM

Trout Springs Winery

8150 River Road

Greenleaf, WI

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

*Hosted by **Steve & Andrea DeBaker**,  
committee members: Laura Prellwitz, Andrew Opicka, Nick Proctor,  
Larry Rogers, and Tim Diedrich*

Winery and fish hatchery tours @ 1:00 and 2:00 PM only

Wine tasting throughout the day (3 sweet & 3 dry wines)

Full wine tasting (7-8 full flights plus food pairing for an additional \$3.50  
payable at the event)

Low-key Concours with special parking for show cars with  
special guest judge, Zone Rep. Ken Hold

Potluck dinner 4:00 – 5:00 PM (please bring a dish to share)

Meat, buns, condiments, tableware, and water provided.

Folding chairs would also be appreciated

Bocce ball (with trophy and prizes), raffles, silent auction, door prizes, Concours  
trophies, and music to follow dinner



Order your 20<sup>th</sup> Anniversary  
FVR Logo t-shirt to  
Commemorate this special event and year!

# One Porsche-owner's resolutions for 2010

By Paul Elwyn



**O**kay, I admit it, regarding vehicles I'm out of the mainstream. "Odd," likely is the word many mainstreamers will use to describe me with a faint smile. Mainstreamers do not own Porsches.

That's why I gravitate to Bluegrass Region PCA, not that we all are "odd." Well, I, at least, would not say we are odd. But I find among this group others who understand my bend. Sort of.

Having had a month to reflect on the exceptionally Porsche-averse new year, the 911's tires having grown roots penetrating my concrete garage floor in the first two weeks of January, I have arrived at a short list of resolutions for perusal, just in case others have thus far resisted this practice or still have not considered their own resolutions but feel they should and/or are open to adopting someone else's resolutions.

1. Give in to at least one Porsche-related urge that has been gnawing at me for some time. With many urges to consider, I might consider giving in to more than one. Three (Porsche-related) urges in no particular order include:

- Replacing the perfectly functional OEM SUV ride height suspension that works so well for touring duty with a cool, expensive, aftermarket suspension that will offer better high-speed performance for the occasional track day

while depleting limited funds that may be needed to ensure that the car remains more than mere garage furniture.

- Restoring the nose of the Porsche to eliminate all blemishes including yellowed light lenses, ensuring a higher level of anxiety going forward in anticipation of the first stone chip, scratch, or lens crack, inevitable consequences of driving the Porsche, and depleting necessary funds to keep the Porsche running properly.
- Sell or trade the current Porsche that has been so reliable and fun to drive for another Porsche that costs more and raises the anxiety level related to actually driving the Porsche and depleting limited funds to cover cosmetic damage and/or higher maintenance expenses.

Beyond urges, I resolve to:

2. Employ the Porsche as a cross-country touring machine without anxiety regarding the mechanical/cosmetic consequence of doing travel combat among throw-away vehicles driven by people who harbor no affection or respect for cars of any type, especially flashy sports cars that are contributing to global warming and the End Days.
3. Adjust my driving attitude to accept more easily the reality and consequences of motoring life, the strapped state budgets

that prevent adequate infrastructure maintenance, conceding that I must move closer to believing that the Porsche is an expendable commodity at some level, perhaps not at the pedestrian level of other cars, but to the effect that I can accept not being able to protect my Porsche in the knowledge that whatever can go wrong will go wrong, that broken pavement, construction to repair broken pavement, crumbling bridges, violent weather, enraged motorists, psychotics, terrorists, and ideological extremists await me and my Porsche, that I am, after all, simply another pebble on the beach and driving the Porsche will over time destroy it and likely accelerate the decline of my emotional stability.

4. Adjust family budget to ensure continuing Porsche motoring as well as reasonable estate planning designed to completely exhaust all personal resources in a timely manner.

5. Live Large without unsettling loved ones or becoming the day's breaking news on cable television.

Okay, I concede that there lies a recurrent wimp message, here, so I resolve, finally, to worry less and enjoy more. After all, life is not dress rehearsal, it's opening night, every day, and I must deal with my stage fright.

I did pass a salt-covered 997 heading toward Danville, and I think the driver was smiling.



**GT3**

**Technical Show & Tell  
February 20th  
10:00 a.m.—Noon  
Jim Brandon's Garage**



**Pictures are good,  
but the *GT3*  
*in-the-metal*  
is even better!  
Spend two hours  
studying the new  
*GT3*  
above and below.  
Watch Chat  
for directions  
to this event.**

January 23rd Tech Session:

## ***Benson Miller's 930 Turbo project***



---

**“You’ve  
heard  
of the  
slippery  
slope.”**

**— Gary Hackney**

---

**O**n January 23rd, ten Bluegrass Region members gathered around an iconic 930 Turbo disassembled for upgrades.

Upon arrival, experienced track enthusiast Gary Hackney paused for the initial visual sweep of Benson Miller's 930 and said, “You’ve heard of the slippery slope.” Everyone burst into laughter, humor borne from intimate personal knowledge of how one thing can lead to another. The subject of this tech session has been on the slippery slope for over 20

years.

Benson Miller first climbed into his 1984 Euro 930 Turbo in 1986 when the two-owner coupe had only 16,000 miles on the odometer.

Twenty years later, the 930 was named “Favorite Car” by the PCA national president in a judging of spectator cars lined up for a parade lap at Sebring Porscheplatz.

Through the years and with 152,000 miles now on the odometer, the 930 features many upgrades including Brembo GTP brakes, Fox shocks with remote damping adjustability, a Kokelin inter-cooler, roll bar, multispark igni-

tion, stainless headers and free flow exhaust, K27 turbo-charger, lightened flywheel, and an engine displacement increase to 3.4 liters to generate 420 hp, up from the original 3.3 liter capacity that produced 300 hp.

Last year, Benson decided to do a little work on the 930. Well, he actually planned to do more than a little work.

And then Benson had to place the 930 project on hold.

The January 23rd Tech Session provided opportunity for club members to examine the work in progress.

With a light, patina of surface phosphate on the bare metal,

January 23rd Tech Session:

# ***Benson Miller's 930 Turbo project***



**Robert McClelland, Brian Wooldridge, Benson Miller, Larry Woods, and Jim Brandon gather around Benson's 930 Turbo.**



**Above: Elephant Racing adjustable spring plate, adjustable ride height fixture, Fox shock and rear suspension viewed from underneath the car.**

## ***A sampling of the work***

- Replace CIS with electronic fuel management
- Replace stock 4-speed with custom 5-speed transaxle by Patrick Motorsports and WEVO shifter
- Install heavy-duty clutch pack to fit the longer 5-speed transaxle
- Convert mechanical clutch to hydraulic with new clutch/brake master cylinder and pedal set
- Replace rear spring plates with Elephant Racing components to provide camber and ride height adjustability
- Fabricate boxed section into the trunk to mount an enlarged B&B front oil cooler
- Fabricate aluminum battery box to fit into the "smuggler's bin"
- Build a custom dash to hold new instruments including oil pressure, boost pressure, and air/fuel pressure
- Remove doors, trunk, engine lids, sunroof, glass, interior and strip the body for fresh, Guards Red paint.

the Turbo's body rests on the electric drill-powered EZcarlift ([www.EZcarlift.com](http://www.EZcarlift.com)), the engine and transaxle on the floor. Doors, trunk and engine lids, glass and interior removed, visitors could easily study the many tasks undertaken.

Included in the tasks ahead are refinements to the modified 3.4 flat six. Even with boost dialed down to 1 bar from 1.2 (stock boost is .8 bar), Benson has been red-flagged on track for excessive flames from the exhaust caused by fuel during trailing throttle, an issue complicated by the nature of original Constant Injection System (CIS) that delays fuel delivery reduction under track conditions.

An electronic fuel management system in place of the CIS would provide more accurate fuel metering, eliminating the flaming exhaust. Although a feature that Ken Hold finds especially entertaining, from a distance, Benson's current setup can be intimidating for the driver immediately following the modified 930.

Another issue being addressed is that of rear suspension camber. Camber, the angle of the wheel and tire from vertical, affects handling and poses a compromise. Street cars typically run less negative camber — top of the tire closer to vertical — than alignment ideal for track handling.

Although a stock 930 features different trailing arm pickup points from the non-Turbo narrow-body cars to address alignment, Benson seeks to enhance camber adjustment for track conditions while still retaining acceptable street han-

January 23rd Tech Session:

## ***Benson Miller's 930 Turbo project***



**Benson Miller and Larry Woods check out the 3.4 liter engine. Below, the Patrick Motorsports 5-speed and heavy-duty clutch pack await installation.**



dling.

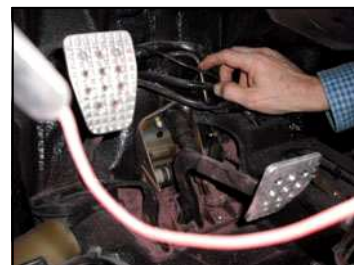
Benson explains, "Sanders 28mm rear and 22 mm front hollow torsion bars were installed along with SmartRacing Products front and rear antiroll bars. Coilover springs were not added to the Fox shocks to keep the 930 streetable. The Fox reservoirs were located in the cockpit and trunk to simplify damping adjustment between street and track. This combination of torsion bars and shocks provides a reasonable compromise for combined street and track driving."

Benson concedes that the current setup is fairly stiff even in the softest setting for street driving.

The Patrick Racing 5-speed provides a top speed lowered to 165 mph, but with gearing more suitable for tracking the boosted 930.

Club members chuckled when Benson characterized the work ahead by saying, "Once it's painted, it should go back together in two weeks."

Although the wide range and complexity of tasks remaining to be completed each may reach



**Above, hydraulic clutch pedal set, new hydraulic clutch and brake master cylinders (covered in Guards Red dust), and WEVO shifter.**

January 23rd Tech Session:

# ***Benson Miller's 930 Turbo project***



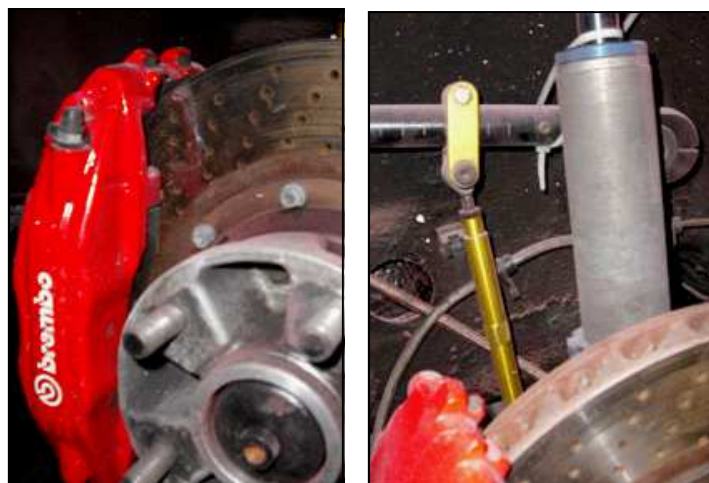
Benson positions the new air dam around the B&B oil cooler featuring a protective aluminum mount (right) fabricated by Benson.



Robert McClelland checks out the interior.




Jim Brandon, Benson, Larry Woods and Ken Hold examine deposits and wear on old pistons.



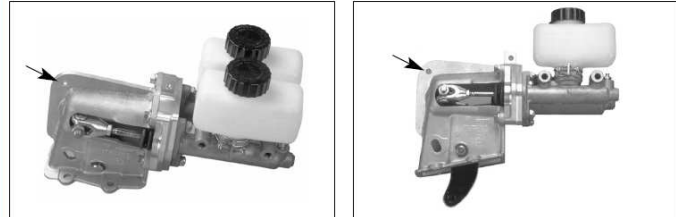
Above: Brembo GTP front brake setup, adjustable sway bar link

# January 23rd Tech Session: *Benson Miller's 930 project*




**SMARTRACING™**  
**PRODUCTS**  
A Company Developing Smart Racing  
Products Through Engineering  
FABCAR Dual Master Cylinder Upgrade  
for 911's and 930's Part No. 643100

**Instructions**  
Fabcar Dual Master Cylinder  
Upgrade for 911's and 930's  
For Racing Purposes Only!



**Overview:**  
Allows the installation of replaceable dual master cylinders on any '89 and earlier 911 or 930. Also allows for remote adjustable brake biasing.

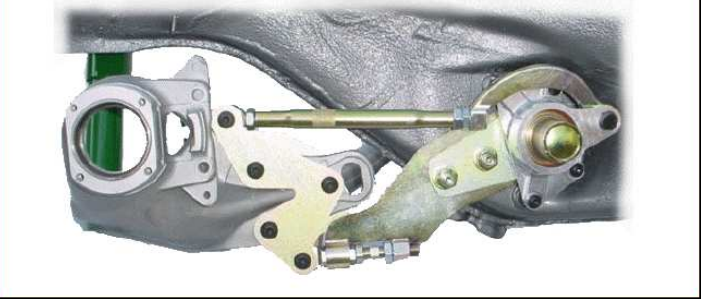


**ELEPHANT**  
**RACING**

© 2007 Elephant Racing, LLC

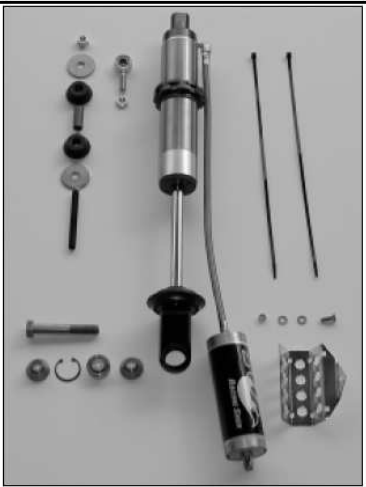
**ASP™ Adjustable Spring Plate kit - Instructions**  
Part Number 2142100

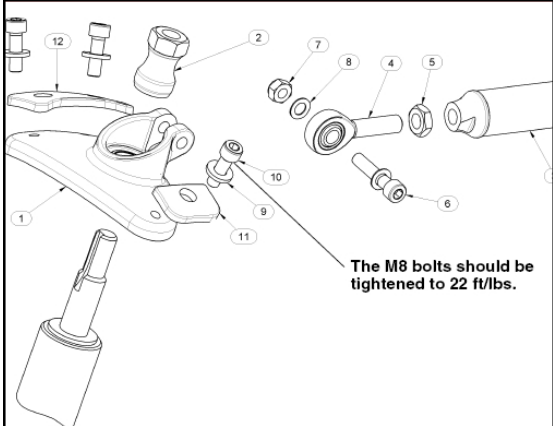
**Cars applicable:**  
'69-'89 911/912/930    Note - 69-76 cars require a donor set of adjustable spring plates from 77-86.





On track at Sebring four years ago.





The M8 bolts should be tightened to 22 ft/lbs.

**Camber King Parts List**

January 23rd Tech Session:

## ***Benson Miller's 930 Turbo project***



Brian Wooldridge, Larry Woods, and Jim Brandon (upper left) look on as Benson explains work remaining in the trunk.

Benson (upper right) holds the form he created to fabricate a custom instrument mount into a new dash panel.

Benson (left) lowers the EZcarlift with an electric drill. The lift can be transported and stored flat against the wall when not in use. (A group purchase discount is available from EZcarlift!)

Ken Hold (below) cracks an "appeal" joke with attorney Robert McClelland who holds his peeled banana.

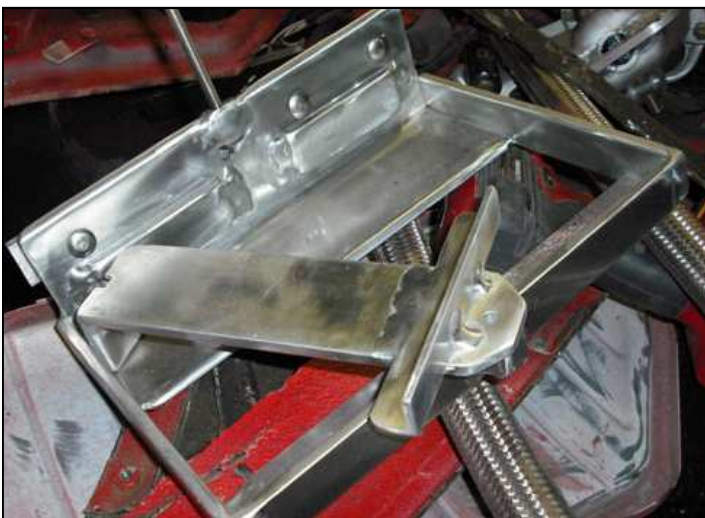


January 23rd Tech Session:

## ***Benson Miller's 930 Turbo project***



Above: Mary and Mark Doerr inspect the 930 tub.  
Below: Aluminum battery box fabricated by Benson



## January 23rd Tech Session: *Benson Miller's 930 project*

beyond the expertise of the average enthusiast, Benson's skill set and attention to detail ensure that one day, Benson's 930 will once again be worthy of "President's Favorite," but

with substantially higher performance capability.

Attending the tech session were Jim Brandon, Ken Hold, Larry Woods, Gary Hackney, Robert McClelland, Brian

Wooldridge, Mark and Mary Doerr, and Paul Elwyn.

If you are undertaking any work on your Porsche that you are willing to share, or if you enjoy walking around a Porsche to study the many details, contact Technical Chair Jim Brandon to arrange a tech session around your car.

**Working on your car? Let's arrange a tech session for members.**

**Chad and Benson Miller stand four years ago with the 1984 930 Turbo at Sebring Porscheplatz. The 930 was named PCA "President's Favorite" while parked in the parade lap lineup.**



## CONSULTING ELECTRICAL ENGINEER

**JAMES W. WILSON III, PE**

107 Creekside Dr., Georgetown, KY 40324

Phone: 859.846.4225 Mobile: 859.227.5940

Email: [jwww3@ieee.org](mailto:jwww3@ieee.org)

# Porsche Heritage



**Phillip Doty**  
**PCA RPM Chair**  
**and Charter Member of**  
**Bluegrass Region PCA**

**Q:** OK, ARE those “brown things” in the Porsche crest actually tree limbs??

**A:** Uh, no. In 1952, the American importer of Porsches, Max Hoffman, complained that Porsche was the only company that did not have a unique coat of arms for its cars.

Ferrari had the rampant horse, Ford had a script in

an oval, Chevy had a “bowtie,” and so forth.

According to legend, the Porsche crest was created in 1952 at a lunch or dinner meeting attended by Hoffman, Ferry Porsche and others, and was originally designed on a napkin!

It combined two crests already well known: The coat of arms of the city of Stuttgart (a rampant horse facing left), and the Ger-

manic state of Wuerttemberg (two elk stags holding a shield, in which were six elk horns and two panels of red and black). Wuerttemberg was known as a hunter’s area, and elk were at one time in abundance.

Thus, the “tree limbs” you noticed are actually the six ELK HORNS taken directly from the Wuerttemberg state coat of arms.

**Continued on Page 22**

## *Experience is everything.*

- **Oldest Porsche service facility in Central Kentucky**
- **Factory trained tech**
- **Porsche diagnostic equipment**
- **Warranty work available**



1305 West Main St. Lexington, KY 40508 • 859-255-7424  
[www.stuttgartmotorsinc.com](http://www.stuttgartmotorsinc.com)

# Porsche Heritage

By Phillip Doty

Continued from Page 21

The city of Stuttgart's city seal has the rampant horse, since its name is actually the Deutsch word for Draft/work Horse ("Stutt") + Farm/Field

("Gart") = "Horse Farm," owing to an early history of horses being raised there.

Ultimately, this rough design was smoothed out

by factory artists and first appeared in 1954 on the 356 series Porsche.

So, the next time you wash your Porsche, know

that the crest has historical significance.

And no, those are NOT tree limbs!



***For service and detail please call***

**Brian Wooldridge**

*Gold Meister Level Porsche Technician*

**859-285-9999**

**porschebrian@yahoo.com**

**Scott Wooldridge**

*Trained Professional Detailer*

**502-649-0113**

# Driver's Education Myth busting



By Clark  
Harrison



## **Driver's Education is really racing.**

Absolutely not! All passing is controlled. A driver cannot pass another driver without first being "pointed by" by the leading driver. Penalties for not following this rule are steep and can lead to being asked to leave the event.

Driver's Education Events are just that. You can learn to control your car under controlled conditions, unlike a country back-road.

## **Only really fast and advanced drivers go to DE's.**

False, again. The old adage goes well here: "Everyone starts somewhere."

Drivers are put into run groups according to experience, skill, and sometimes car capability, but that doesn't mean you have to be someone with a glovebox full of speeding tickets to enjoy a DE. Some drivers have been B group drivers for years. For them 7/10ths of

their car's limits is fine. Other DE drivers, once they taste the track, move up as fast as they can.

It all depends, but as it was earlier said, everyone starts somewhere.

## **You have to have a super fast Porsche to come to a DE.**

Wrong. I've seen anything from Honda Civics to Cayennes (non-turbos included) at DEs. As it is a lot of the time at a DE, the guy you give a point-by to is in something that you would have NEVER thought could be faster than you. It's all the driver, as they say.

## **I will be made fun of if I show up in my 911 GTwhatever for my DE.**

Nope. In fact, if I meet you and come to find you drive a GTwhatever, be prepared to hear an earful in favor of you learning your car's limits at a

DE. You will find and fall in love with a whole new level within your Porsche's soul at DE. I can promise you that.

## **My car isn't ready for the track.**

You drive a Porsche? Then you're wrong as long as you have it taken to a tech (see our sponsors) to make sure it passes the usual tech inspection that DE requires.

The big items to make sure about are brake pads and fluids, tire condition, and other fluid levels.

## **DE's are really expensive.**

Well, Yes. A hotel room, an entry fee of usually under \$300, and gas money (you will use just a tad!) can get a little hard on the wallet.

But let's compare to an autocross. A DE can cost around \$500 for a weekend. That's around eight 25-minute sessions (200 minutes or so of track time). An autocross will

cost you \$50 when everything is added in. So for a DE you are looking at roughly \$2.50 per minute of time, and for an autocross \$17 per minute.

## **DE's are dangerous.**

No more than driving on New Circle, and most would consider safer!

An entire thesis could be written comparing the two, but I will say this: At a DE you are driving while wearing an approved helmet, with corner workers stationed throughout the course, and with EMT and ambulances at the ready.

Does that make it less dangerous? IMHO No, but it makes me feel safer.



# Six Flat ~~Cylinders~~ Nuts

**Six flat nuts:  
trying to not get caught!**

**By Anonymous**

1. Did you all see the guy in Texas that ran his Veyron off into a lake? Yeah, I cried, too. Well, the guy just got another from his insurance company. FML Life's not fair.

2. Sadly, Porsche lost another record in 2009 to Ferrari, this one for the largest speeding ticket of all time. Some crazy

Swedish (kinda redundant, I know) Ferrari driver was fined \$290,000 for being some 50 mph over the limit. The fine, which is some two 10/1000th of our national debt, was based on the individual's \$22.7 million personal wealth. Makes me kind of wish I were driving on Sweden's E6 rather than New Circle Road when I was ticketed... and arrested... for doing 103 mph. Would have been kind of cool to see the officer give me money since my per-

sonal bank account was overdrafted at the time.

3. Internet Marketing Mogul Philip Odegard was ticketed for doing 210 mph in his Bugatti Veyron last summer. I guess that's pretty fast... but rumor has it, that some Eastern European Playboy hit 250+ mph in the Arizona desert during the 2003 Gumball 3000 rally in the first Koenigsegg CC the new world had ever seen. All these numbers are nice, but I know a

dulley and driver that will do 100+ on interstate 74... for a fact.

4. As fast as all these cars are, I'm still pretty sure John Wall is faster.

5. Trips to Hamburg are not the same now. RIP, POL.

6. My name is... and I am a speeder... but I haven't speeded or been caught in one year. Where's my key chain?





## Who is this?

Steve McQueen about to flash us a two-fingered salute in the film, *Le Mans*?

Nope. It's our own tech guy, Jim Brandon, checking out a 917, in Gulf colors, and looking as though it is a car from that movie.

— Ben Prewitt



ABRACADABRA  
graphics

Design Printing Promotional

502.320.2655



# JOIN THE FAMILY



"We're gathering the family to welcome the newest member. The Porsche Panamera. Four, uncompromised."

**JOIN US AT OUR NEW FACILITY...**  
**THURSDAY, FEBRUARY 25TH**

**Hours: 6:30 PM to 8:30 PM**

**Receive Free Tickets to the 2010 Cincinnati Auto Expo!\***

**PLUS:**

- The "Porsche Family Tree" & Show Cars Exhibit Benefiting Children's Hospital of Cincinnati
- Featured Speaker - Porsche Insider, Chris Gilman
- Presentation of the New 2010 Porsche Panamera
- Valet Parking & Refreshments
- Register to Win a Weekend Experience with the new 2010 Porsche Panamera *(must be present to be eligible)*

---

E-mail **[Amanda@TheAutomile.com](mailto:Amanda@TheAutomile.com)** for your reservation, or call **(513) 272-7539**. *\*Limit two tickets per customer. See dealer for details.*

---

**PORSCHE OF THE VILLAGE**

4113 Plainville Road • Cincinnati, OH 45227 • [www.PorscheOfTheVillage.com](http://www.PorscheOfTheVillage.com)