

NORD STERN

JULY

2006

Retail Store
7500 Hudson
Blvd, Suite 180
Oakdale, MN
55128

APEX SPG.com

Safety, Performance & Graphics Products for Racers

651-735-7400
800-375-3942
APEXSPG.com
PCA since 1989

PRODUCTS:

Brake Bleeders
Brake Fluid
Brake Pads
Camera Mounts
Drivers suits
Fire
Extingisher
Fire systems
F.E. Mounts
Gear bags
Gloves
Hans Device
Harness Bars
Helmets
Hot Lap Timers
Neck collars
Pyrometer
Radio Systems
Rib vests
Seats
Seat Braces
Shoes
Steering Wheels
Stop watches
Tire Pressure Gauge
Trailer acc.
Underwear
Window nets
& More!



- Suits \$99 Shoes \$49 Gloves \$45 and up -

- Ask about our Sponsorship program for 2004 -



BBS 1 pc forged fits
 996, 964, 944t & S2
 18x8.5=19 lbs \$560
 18x10=20 lbs \$599

Scales
 \$998

Data Aquisition
 Systems \$899

\$189

Simpson
 Voyager

\$178

Alpine Stars F1-r

\$104
 Alpine Stars

\$299

\$134

Bell
 M2

Memory pyrometer \$299

Digital
 pyrometer \$99.95

Cool Shirt systems round or square
 \$379

Brake Pads

\$9.95

\$9.95

SC 554
 \$38

\$24

camlock
 harness

\$139

call for applications

BRANDS:

Alpinestars
Auto Power
BBS
Bell
Brey Krause
Cool Shirt
Frozen Rotors
Hubbard-
Downing
Hutchens
Device
IO Port
Koni
Longacre
M&R racing
Mechanix's
Wear Gloves
Nady Com
OMP
Pagid
Robic Timers
Safe-Quip
Safety
Solutions
Simpson
SPARCO
Stand21
Ultra Shield
& More

N O R D S T E R N



PORSCHE

J U L Y

2 0 0 6

Dedicated to the belief that . . . getting there is half the fun.

Table of Contents

Departments

- 4 Officers
- 5 From the Editor. . .
- 6 Welcome
- 7 The Prez Sez . . .
- 8 Letters to the Editor . . .
- 18 2006 Kalender . . . Check Here for New and Added Events!
- 30 Tech Quiz . . . General ?s
- 31 For Sale . . .

Features

- 10 2006 Spring Drive Tour . . . Sprung Us Loose from Winter Doldrums
- 12 Out and About at MAM Club Race June 2-4, 2006
- 13 Mid-America Motorplex Track . . . a Great Track!

- 15 Beginners Guide to Nord Stern's Loonacy Club Race . . . updated for 2006!
- 18 Nord Sterners Drive New 997 Coupe on Spring Tour
- 23 912 E 30th Anniversary: Are You an Owner? Seeking All Examples!
- 33 Tech Stuff: Condensation on Boxster Rear Trunk Lid; Constant Fan Problem: Technical Q&A from PCA.org
- 34 Turbos

Upcoming Events

- 14 2006 Nord Stern Club Race at BIR
- 22 Fall North Shore Color GOLF Outing
- 27 Annual North Shore Fall Color Tour
- 24 Blackhawk Farms Driver Education & Time Trial . . . Brings Us Porsche Driver Randy Pobst!
- 25 Blackhawk Farms DE & Time Trial With 2006 Daytona Winner Randy Pobst

NORD STERN STAFF

Christie Boeder, Editor
11919 Hilloway Rd. W.
Minnetonka, MN 55305
952 593-5544 or editor@nordstern.org

Ad Mgr.

Jill Daneu, Staff Writer/Photog	952 432-3486
Ron Faust, Staff Writer/Photog	507 282-3294
Teresa Vickery, Staff Writer/Photog	952 474-7126

Please contact staff for any event coverage you need

e-mail address: editor@nordstern.org website: <http://www.nordstern.org>

Online issues, past and present are available in pdf format at <http://www.nordstern.org/Newsletters/index.html>

Front Cover: Again, a repeat cover photo originally submitted by Ron Faust several years ago; it features his 1970 911T (color was Signal Orange but the print always has appeared closer to yellow). The photo was shot in 1972 after they had pulled into Armstrong Redwood State Park near Guerneville, CA at night and rolled out of their sleepings bags beside their trusty 911. In morning light, it truly presented as a 'dream photograph!'

Address changes

PLUS!

“How to Join both PCA and the Nord Stern Region of PCA”

**Call Steve Sherf at
952.471.1054 (hm)
612.867.1649 (cell)
or email:
ssherf@att.net**

Leave your name, address and both home and work phone numbers.

Your application/s will be sent out right away!

Address Changes:

Name: _____

Old: _____

New: _____

**Send to:
Steve Sherf
2675 Pheasant Rd
Excelsior, Mn. 55331**

**Reminder: Annual Dues are:
\$20 for January to December**

***Check your mailing label
for your expiration date!!!!
Send Steve your address/phone
number changes!!***

Officers

President

Rick LaVerdiere
1824 Oelvig Ct.
Afton, MN 55001

651 998-1511

ricklav968@hotmail.com

rlaverdiere@siebenpolklaw.com

Vice-President

Cal Townsend
15391 Flower Way
Apple Valley, MN 55124

952 431-4442

tw820@aol.com

Secretary

Eleanor Renwick
10415 Buckingham Dr.
Eden Prairie, MN 55347

952 944-7919

Eleanor.renwick@signatureflight.com

Treasurer

Jeff Bluhm
6767 Marsh Ridge Ct.
Eden Prairie, MN 55346
952 975-5931 (h) or 612 371-1148 (w)
jbluhm@oldrepmat.com

Advertising

Ambassador to New Members

Ed Vazquez
952 934 5093
edmn911@aol.com

Autocross & Time Trial

Harvey Robideau
952 361 4872
p911SC@earthlink.net

BIR Relations

Roger Johnson
763 557-9578
rogerdjohnson@comcast.net

Board of Directors

Chip Smith
952 942-6686
chip13@mn.rr.com
Ron Smith
763 383.0123
rsmith@meridianleasing.net
Scott Anderst
651 261-0831
SAnderst@braille-scs.com

Charity Fundraiser

Keith Jones
952-829-5989 ext 203
keithj@moscoe.com

Concours

Dale Trippler
651 490-1485
dtripp@usfamily.net

Club Race Chairperson

Roger Johnson
763 557-9578
rogerdjohnson@comcast.net

Dealer Relations

Roger Johnson
763 557-9578
rogerdjohnson@comcast.net

Driver Education

Phil White
612 418-9319
rs_america@comcast.net

Road America DE

Dave Anderson
763 479-8231
david@anderson.com

Driver Education Registrar

Dave Anderson
763 479-8231
david@anderson.com

Driver Training

Jon Beatty
952 449-0187
jon@minnetonkasoftware.com

German Car Fest

Paul Bergquist
952 937-1822
Mercedes-Benz Club

Insurance Chair

Michele & Ron Johnson
952.476.7445
micheledj@earthlink.net

Membership

Steve Sherf
952 471-1054
ssherf@att.net

Met Council

Bob Kosky
952 938-6887
4tun8@usfamily.net

Newsletter

Christie Boeder
952 593-5544
editor@nordstern.org

Shop Relations

Andrew Busche
612 824-3547
andrew.busche@watsonwyatt.com

Rules

Bruce Boeder, Chair
952 593-5544
bboeder@boederlaw.com

Bret Bailey
952.240.4782 (cell)
bbailey@iqmarketing.com

Harvey Robideau
952 361 4872
p911SC@earthlink.net

Chuck Porter
952 348-8150

Rally

Lon & Lorry Tusler
763 383-1798
lon@snsabling.com

Social

Kim and Keith Fritze
612 275-4891
kimfritze@aol.com

Safety

Bob Barker
952 949-0140, x312
bbarker@slogic.com

Jim Bahner
715.549.5486
jbahner@tela.com

Taste of the Track

Pam Viau
651 777-6924
autoedge@auto-edge.com

Timing and Scoring

Ed Tripet
952 471-0065
tripet5@mchsi.com

Touring

Sarah DeLong
612 866-7490
sdelong@ald-mpls.com

Mike Lancial
952 929-2762
thelancials@msn.com

Zone 10 Rep

John Phillips
1507 S. 174th Circle
Omaha, NE 68130

402 333-7245

pcazone10rep@cox.net



Addresses available upon request for chairperson/s or Board members. Call Christie Boeder 952 593-5544.

From the Editor. . . New Car, New Book, New Artshow

Christie Boeder

Summer is heating up - literally! Seriously I have enjoyed the warm weather and even the couple of big storms for their water content. It's always great when I don't have to drag out the hoses and sprinklers! And warmth means fun drives in the P car with the sunroof open - always a treat. Although on our recent Spring Tour which is featured here on pages 10 and 11, the sunroof was NOT open as the clouds and sprinkles were out all day but that certainly did not stop us all from having a great time driving those wonderful twisty, turny roads over in Wisconsin along the river. The event was well-planned and supported by Maplewood Imports which provided a yummy continental breakfast, a goody bag, a car to share (those 4 lucky drivers sure enjoyed that 'duty!'), a fabulous route, and a cute, quaint town for our lunch stop.

Not known to many was this event also marked the return to more active Nord Stern status of long-time members Doug and Sue Arndt (owners of the Complete Garage - a *Nord Stern* advertiser). Doug and Sue were some of the first people Bruce and I met in the club when we four went through Driver Training together way back when (1990). At the end of the Driver Ed weekend each of us was thoroughly hooked (better word might be 'addicted!') on this 'new sport.' We were exhausted at the end of those 3 days of training and driving - but what a wonderful feeling.

Doug and Sue have owned several Porsches over the years and both have participated in many a DE, lots of the social stuff, as well as a number of Club Races (both race). They had been carless for a bit here and Doug, wonderful hubby that he is, found a 911SC which he had waiting for Sue in our garage as a surprise Mother's Day gift the Saturday morning of the Tour. And what a surprise it was! She had no idea - she thought they were meeting us for the Spring Tour and driving their Audi. NOT! That was great fun and subsequently Susan has admitted to making up myriad grocery store trips just to drive that car. A love that never dies...

In my column this month I would also like to feature two members and 'what they are doing' in their lives outside of

Nord Stern. **Fred Senn** is with Fallon Worldwide and a LONG time Nord Stern member who continues to instruct at the Driver Training days although not actively driving on the track (and the former owner of the 'Loon' car for those of you who hung out at the track during the 90s). He recently sent me an advance copy of his and Pat Fallon's (he and Pat are cofounders of Fallon, an Internationally known and recognized advertising agency) new book to be published in July. Entitled *Juicing the Orange, How to Turn Creativity into a Powerful Business*, the book illustrates the link between creativity and profits while illustrating how to actively build creativity into the organization culture rather than stifling it. Stories of both behind-the-scenes successful and failed campaigns for companies in diverse industries reveal core secrets of training for creativity written in a very readable manner. Fred specifically marked two chapters - both of which deal with car manufacturers who are clients of Fallon. The first was Skoda, the communist-era vehicle driven only by communists vacationing in the West which subsequently was acquired by Volkswagen and faced an almost insurmountable branding problem in Europe as it attempted to introduce new designs. The other is BMW - going from the ridiculous to the sublime in my opinion. But BMW as a brand also had issues as they strove to increase market share. Both chapters detailed the thoughts and processes behind launching successful ad campaigns. So now I know all has been keeping Fred pretty busy!

And 'In The News' we have an upcoming art show featuring Nord Stern member **Mike Jekot**: Oct 11 - Nov 15, 2006: Automotive Fine Artist and Nord Stern club art historian Michael Jekot is mounting a new show.

Location: Java J's at 700 Washington Avenue, North Minneapolis MN (<http://www.javajason.com/about.htm>)

New and classic works will be displayed in this way too hip coffee house. Look for opening night details soon. Contact: Michael Jekot, 612-940-3534 or e-mail at jekot@bitstream.net.

Advertisers:

Amiot Financial Group.....	23
Apex	IC
Autobahn, Inc.	31
Auto Edge.....	BC
Carousel Automobiles	IBC
Collision Center, Inc.....	33
Complete Garage	27
Courtney Truck Service.....	19
Donnybrooke	30
FlatSix.....	19
Johnson Autosport	7
Leighton's Garage, Inc.	24
Maplewood Imports.....	IBC
Mortgage Marketing Associates	29
Nurburgring, Inc.	22
Raymond Auto.....	32
Sears Imported Autos	29

2006 Advertising Rates

Ad frequency	X1-5	x6-11	x12
Full pg.	\$123	\$107	\$70
1/2 pg.	\$77	\$69	\$50
1/4 pg.	\$46	\$39	\$30
1/8 pg.	N/A	\$30	\$20
Inside Covers	N/A	N/A	\$85
Back cover	N/A	N/A	\$95

Ad sizes:

Full page:	7.5" wide by 10" high
1/2 page:	7.5" wide by 4-3/4" high
1/4 page:	7.5" wide by 2-3/8" high
1/8 page:	2-1/8" wide by 4-3/4" high
Back Cover:	8" by 7"

All ads B/W in print, color online. Preferred formats include: hi-res pdf, high-res jpg, tif, Publisher, Word, most files can be accommodated. Contract and 6 month payment required for ad insertion

Welcome . . . New Members

(and returning members!)
We hope to see you
at upcoming events!



Stephen Frederickson
Minneapolis MN
1986 911

Sean Gregory
Edina MN

Steve Gulbrandsen
Victoria MN
1996 993

Phil & Laurie Hancock
Shorewood MN
1964/1963 356C/356B

Don W. Hegeman
Shakopee MN

Brad & Linda Lano
Ramsey MN
2002 911

Bill & Kristi Maitland
Edina MN

Dave Sorenson
Victoria MN
1995 993

Sean & Molly Wheatley
Plymouth MN
1999 996 C2 Black

Mark Yakich
Farmington MN
1986 944T

So, Just What Do We Do In Nord Stern??!

A *brief* synopsis of activities and events offered by your club, Nord Stern, and/or PCA or, just enough info to pique your interest??!

Autocross: A low-speed driving event, teaching one how to maneuver one's car around a set course of pylons on a closed circuit. Instruction is available, drivers compete against the clock. No modifications to one's car are necessary. Some safety equipment needed (helmet).

Concours: A setting where Porsches are displayed for general viewing and/or inspection competition. Experienced judges evaluate the various models based upon cleanliness, overall condition and authenticity.

Driver Training: A driving course designed to teach and enhance high speed driving skill and technique on an actual racecourse. Training includes classroom sessions, on-track 'exercises' plus supervised lapping sessions.

Driver Education: High speed driving event on a closed-course racetrack (Brainerd, Blackhawk Farms, Road America) where drivers are grouped according to prior lap times. Prior Driver Training participation is required. Performance enhancements are frequently made (but not required!).

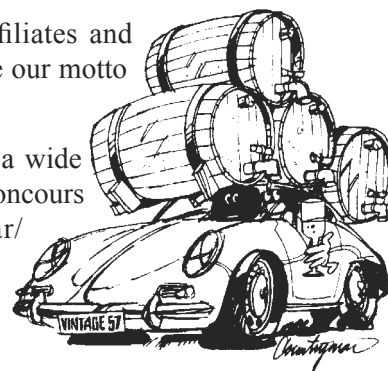
Time Trials: On course timed lap with controlled starts and exiting.

PCA Club Racing: Wheel-to-wheel competition between drivers who hold PCA club racing licenses. There is a race class for every model Porsche. Safety modifications to your vehicle required.

Rally: An event wherein a driver and co-driver complete a predetermined route along open roads following a specific set of navigational instructions. Can be a TDS (time-distance-speed) or a 'fun' rally.

Social: Organized gatherings of club members, affiliates and family member to meet, eat and drink beverages! See our motto on page 1!

Tech Session: Casual educational session that span a wide range of topics, from general maintenance, through Concours prep, performance enhancements and general car/mechanical knowledge!



The Prez Sez . . .

By Rick LaVerdiere

There has been considerable media attention on the recent findings from a study published in the Archives of General Psychiatry on intermittent explosive disorder (IED). Some commentators suggest that “road rage,” which include demonstrations of anger or the flip of a finger to another driver, are manifestations of IED. This simplistic analysis fails to account for a driver’s reaction to **IDS** (idiot driver syndrome). Much as a hockey player called for a penalty in retaliation to his opponent’s foul missed by the referee, a driver’s response to IDS is not a disorder but perhaps a natural instinctive response. In early June, Lisa and I cruised in our 1996 Carrera Cabriolet (Iris) to Bayfield, Wisconsin, and the upper peninsula of Michigan. This was our annual June birthday run along with Ron McFarlane and Eleanor Renwick, who drove their red Porsche 930. Lisa and Eleanor share an early June birthday, and the cruise has become an annual tradition. It was on the second day of our cruise that we encountered a display of serious IDS.

While traveling the back country roads, we headed to the Black River State Park in upper Michigan. We cruised at a steady 60-mph speed on the narrow, two-lane road that twisted through the forest. Along a short straight, a black Ford pickup pulled in behind us. Ron was in the lead and in a short time the pickup pulled up behind me with his Ford blue oval looming large in

my rearview mirror. Road signs noted a sequence of turns ahead with a 30-mph advisory. Without lifting, I followed Ron through the backwoods chicane at 60 mph. When we exited the series of turns, there was no pickup behind me. A short distance later, as we were on a long straight, I noticed the pickup reappear and closing at a high rate of speed.

As we continued on our route, we came upon a pair of pickup trucks motoring in the same direction. They led the small caravan for awhile with the impatient Ford at the rear. As our caravan pulled onto a longer straight, the Ford pickup blasted by me and Ron and then demonstrated poor judgment in trying to pass the two lead pickups. The Ford continued to pass in a “no passing” zone and deep into a curve. The driver suddenly cut off the lead pickup just in time to avoid a head-on collision with a group of motorcyclists. I yelled out a string of expletives to highlight the last word, “idiot.” We were all in disbelief at the level of stupidity demonstrated by the driver’s actions.

A few miles later, we slowed down for a state trooper who with his lights flashing had a vehicle stopped to the side of the road. To my amazement, the trooper had stopped “the idiot!” As the trooper was walking from his squad toward the pickup, I slowly passed and gave him a “thumbs up.” As the idiot came into sight, I tendered to him a different digital salute. For some,

Continued on page 13



**32 YEARS OF
PROFESSIONAL RACING**

**Johnson
Autosport**

1151 MARAS STREET
SHAKOPEE, MN 55379

952-233-2752
RACING@JOHNSONAUTOSPORT.COM
WWW.JOHNSONAUTOSPORT.COM



MAINTENANCE • RACE PREP • SUPERTUNING • TRANSPORTATION • TRACK SUPPORT • RESTORATION • FABRICATION

Letters to the Editor . . .

2006 Spring Tour

Mike and Sarah, Very nice drive. Mike and I had a great time on the tour.

The bonus car was very fun. Both of you put lots of effort into the travel route and it showed. The map, which I will use several times this summer-what a drive, the Food and the Group.

Thanks to Maplewood for the gifts and the bonus car. Great event. Hope to do it again.

John and Mike Dixon

Thanks to Mike and Sarah and to Maplewood Imports. It was a great outing. I had a lot of fun and I am looking forward to the Fall Driving Tour. You will have to work even harder to top this one. Hopefully, we will have a little more sun and a lot less rain in the fall. The Boxster is ready to go.

Dale Trippler

Mike and Sarah - thanks for putting the Tour together. Ellie and I had a great time.

Doug Farrow

Thanks to Mike and Sarah for putting this together, to Maplewood Imports for their sponsorship and to Lori, Tim and Dale for helping make the whole thing happen today. We had a good day.

Chris and Kathryn Johnson

DITTO !!!

Joe and Mary Olson

Mid-America Motorplex Club Race June 2-4

Not since Road America in 2005 has one PCA region so totally dominated the sport of auto racing. Last weekend Nord Stern racers left Mid-America Motorplex with no less than 26 podium finishes including 15 class wins. The victors considered spraying the crowd at the award ceremony with the champagne presented but decided instead to burn it in their diesels on the way back to MN.

In addition, Billy Berard won the Cornerworker Award and Best Prepared Car. Apparently Bill convinced the judges that he had put all those cute stickers on himself. No word yet on what he had to do to win the Cornerworker Award.

Congrats to all and many thanks to our friends at GPR.

Jim Breakey

Camber/Toe Kit for Boxster

It appears that I'm pushing the envelope a bit on my Boxster. Matt at Johnson Autosport put in my Eibach springs and sway bars. The car is lower by about an inch in front and something like a half inch in the back. Handling on high speed curves definitely improved up at BIR this past weekend. I cut a second off from First Fling, getting around the track in 2:06...but overall there was some slowing going on. Instead of 130 on the front straight, I could only get 123. I'll blame this on excessive rear toe. Here is my problem...I've run out of adjustment for both toe and camber, on the rear of the car. The front seems to be pretty much okay. Bottom line, if you don't want to read the rest, I need some kind of kit (new arm?) to get more adjustments out of my rear end. About Camber: Porsche calls for about 20 minutes of negative camber, all the way around. We got the fronts to 30 minutes, or a half a degree, allowing that was close to specs, but a bit better for the track. By the way, the information I have from Michelin recommends a minus 1.5 to minus 1.3 degrees all the way around. With my new springs, on the rear, all we could get was a minus 1.2 degrees...not as small as Porsche wanted, but short of what Michelin recommends. About Toe: Porsche calls for 5 min toe in the front and 3 min in the back. Matt converts degrees to millimeters so he can measure millimeters off the Smart String and was looking for .5mm of toe. That worked in the front, but in the back the smallest we could get down to was 5mm...not point 5mm. In some ways that must be like snow plowing on skies. Okay...any suggestions on the kit? Thanks!!

Jack Pierce

Wasn't the ambient temperature about 40 degrees warmer last weekend than it was in April? That's your 7 miles per hour. If you cut a second off in that heat something must be greatly improved. That little bit of toe is not going to slow you down. Welcome to the joys of trying to make a street car into a race car.

Roger Johnson

Ihave to concur with Roger, that temperature difference can make quite the change in lap times. If you had data on when the track record laps were set for each class, you'd find that the vast majority of them were set on cool days.

Also, with BIR's long straight, the direction of the wind can also be a factor. My turn 1 entry speed can vary by as much as 5 MPH or more depending upon wind direction. Lots of variables.

As far as the alignment settings, if the car feels stable and the tires don't wear too bad, you are likely close to optimum. When you go for that qualifying lap in F1, now you can talk minutes of toe and tenths of degrees of camber

Jon Beatty

Iwould also surmise that your entry and exit from turn 10 are now different than before, which will change your speed into one.

Ray Newman

2006 Club Race August 3-5 Artwork Raffle

This year Nord Stern Club Member, **Michael Jekot**, has created an original piece of artwork celebrating the history of Porsche at Brainerd International Raceway for our Club Race August 4, 5, 6, 2006.

Through the generosity of one of our club race sponsors, this original, one-of-a-kind watercolor signed by the artist, will be raffled off with all proceeds going to Courage Center.

Matthew Hall Lumber of St. Cloud is giving every club member a chance to be a part of our track's history

100% of proceeds from the raffle will go to benefit Courage Center.



Artist: Michael Jekot

Title: Fast and Faster

Medium: Watercolor on paper, Completed: April 2006

Framed: Approx Size, 30" x 24"

Tickets are \$10 each – or buy 3, get 3 free.

Still not sure? Ask yourself, where else you could get a chance at a 917-30 and GT-3 for just \$10?

Send your checks to:

Keith Jones
Nord Stern Charity Coordinator
6265 Ridge Road
Chanhassen, MN 55317

Name: _____

Address: _____

City, State, Zip: _____

Phone and email: _____

Number of Tickets (1/\$10, 2/\$20, 6/\$30) _____

Your tickets will be mailed to you.

Contact: kj996@hotmail.com for further details.

Special thanks to Loran and Bonnie Hall for sponsoring this artwork,
and Mike Jekot for his talent and cash donation

2006 Spring Drive Tour . . . Sprung Us Loose from Winter Doldrums

by Tour Co-Chair Sarah DeLong

I wanted to thank everyone who helped make this first Spring Tour a really great day for Mike Lancial & me. Lori Lancial, Dale Trippler & Tim Fahey also did much to help things go smoothly.

Maplewood Imports had a wonderful breakfast set-up, gift bags, and were extremely generous to allow a new 911 coupe demo for 4 test drivers. Keith Jones deserves thanks for posting a picture of the drivers (photos from the event are online at <http://www.911TRegistry.org>). Brian at 9Magazine also sent some free sample magazines for people to take with them in their goodie bags.

We had a great turn out even though the weather (low 50's & shattered showers) was less than wonderful. There were 31 cars and 52 people. Also, we were able to get inside seating for everyone at the arranged restaurants - which was a relief. I think the sun made 3 brief appearances and every time we needed to be out of the cars it was NOT raining on us. So it was kind of nice to have a few intermittent car washes.

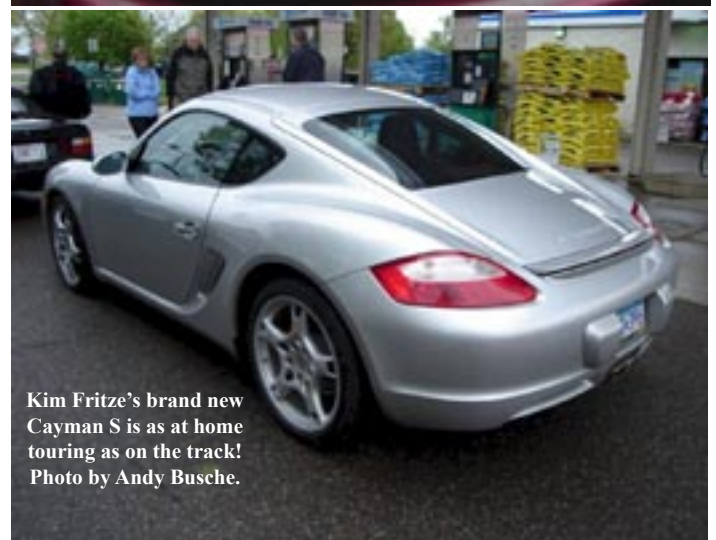
I also managed to take some pictures (in the car, out of the car and some out of the sunroof). I will make sure they are on Mike's web site so people can see them.

(editor's note: and some are published here although the color versions online are much more fun to view plus maps of the route are also available. Website to visit is: <http://www.911t.org> - Mike Lancial is PCA's 911T Registry coordinator, by the way.)

Thank you also to everyone who has given feedback on how the day went. It will be very useful knowing went well and what can be adjusted for the next drive - stay tuned, we hope to have another drive/tour in the near future - and the date has now been set: Saturday, October 14th. Mark your calendars!



Photo by Andy Busche.



Kim Fritze's brand new Cayman S is as at home touring as on the track!
Photo by Andy Busche.



R to L: Susan Arndt, Christie Boeder, Doug Arndt, Bruce Boeder enjoy lunch along with half of the touring group (the group was so large it took two restaurants to seat us all!) Photo by Mike Lancial.



L-R: Mike Dixon, Loran and Bonnie Hall, Wendy and Brian Oldenfeld, Jill Daneu at lunch. Photo by Mike Lancial.

The end of the 'road' was at Point Douglas Park and a number of us posed for a group shot as the sun made one of it's appearances. Photo by Keith



Can you say Spring 'high water!' City Park in Stockholm, Wisconsin. Photo by Chris Johnson.



Lunch stop in Stockholm, Wisconsin, very quaint town. Photo by Chris Johnson.



Tim Fahey, Sarah DeLong, Kim Fritze, Eleanor Renwick chat after lunch in Stockholm. Photo by Chris Johnson.



First 'pit stop' was a Holiday gas station (and Mike, we won't fault you on the single 'unisex' potty! Who would have thought!) Photo by Dale Trippler.



Point Douglas Park provided a nice photo op for the cars participating in the tour. Photo by Dale Trippler.

Out and About at MAM Club Race June 2-4, 2006

Photos by Dave Roberts



Above: Blag Flag due to a broken spindle

Right: Bob Viau pressuring a P4 Class driver



Left: Notice the wide open spaces - definitely a LOT of runoff. Starting grid group 1 June 06.JPG

Right: Race group 2 gridded for the start of their sprint race.



Mid-America Motorplex Track . . . a Great Track!

Courtesy Clubtalk

There were 8 representatives of Nord Stern at the combined DE at MAM. The combination of Mother's Day and the Mid Ohio club race cut into our attendance. Great Plains had a great turn out for their first track event of the year. Although cool and windy, the track was dry and fast. Everyone had a great time, and I extend a special thank you to the Great Plains members, especially President John Krecek, for hosting a beer and pizza social. The timed runs were a big hit with the drivers, and they went off without a hitch. A special Nord Stern thank you to Ed Tripet, who was without a track car, but made the trip to do timing. I hope next year we can get a better Nord Stern turnout, as MAM is a great track to run.

Rick LaVerdiere

It's my favorite track right now although that may change after we do Road America and Tremblant in Canada this year. I did



my first DE at MAM last June. Lots of fun. Less scary for novices than BIR I think, nothing to hit except for Sandy's corner and lots of run off. We're heading back first week of June.

by Bill Newport

Editor's Note: Although these photos are from the June 2-4 Club Race held at MAM which was after our joint Driver Ed this past May, they do give a good idea of what the track layout and terrain looks like - very friendly! .

Left: Pre-grid for Race Group 2
Above: Another angle for the Pre-grid of Race Group 2

The Prez Says . . .

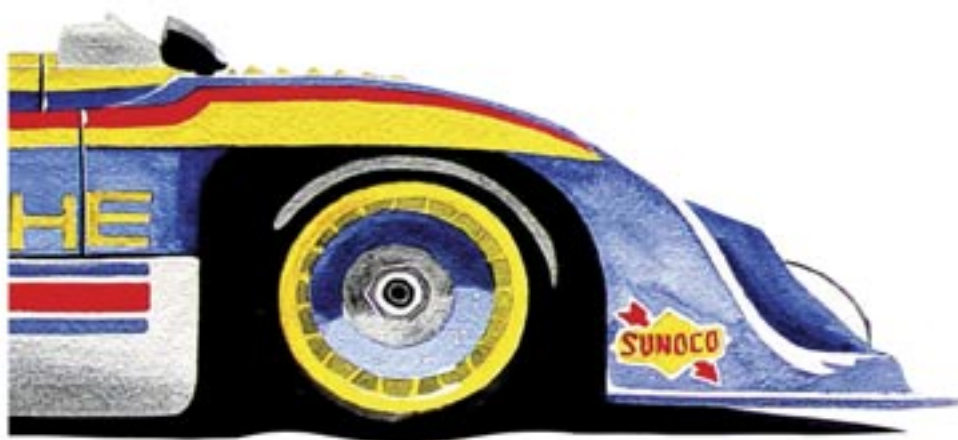
. . . continued from page 7

my reactions may have constituted "road rage," or even IED. For those who believe I need counseling, you are **SOL**. Fortunately, so is the idiot driver.

The Nord Stern Club Race is on August 4-6 at BIR. This is a 3-day event with both DE and Club Racing. There will be a wide range of great Porsches on display from around the country. If you are not participating in the driving events, come up and check out the cars, watch the racing, and participate in the auctions which benefit Courage Center. I hope to see you there.

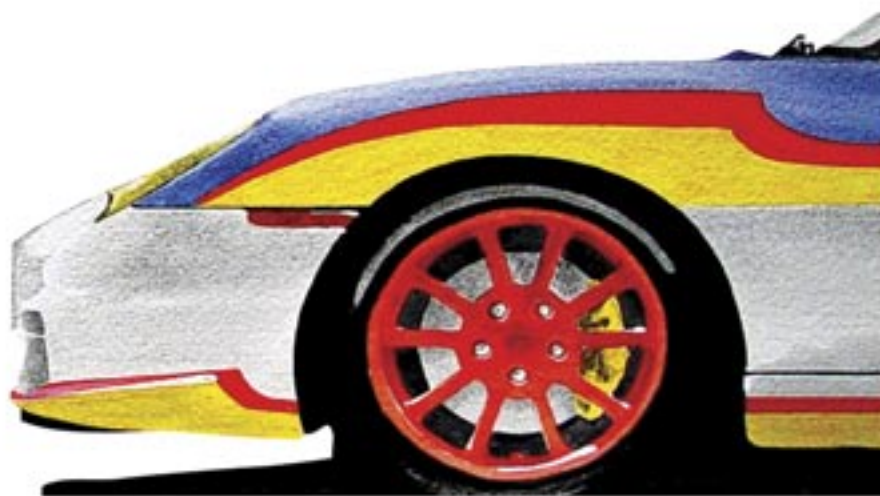


2006 Nord Stern Club Race at BIR



**We don't race for fame.
We don't race for fortune.**

For a select few however, that's just icing on the cake.



THE 2006 NORD STERN LOONACY



PORSCHE CLUB RACE AUGUST 4-6

Auto Edge
Racing

carrera
Communications

SHOCK Doctor.

CAROUSEL PORSCHE

MAPLEWOOD
IMPORTS

MMMA
MORTGAGE
MARKETING
ASSOCIATES
1-800-LOAN-088

Beginners guide to Nord Stern's Loonacy Club Race . . . updated for 2006!

By Roger Johnson, Club Race Chairman

Are you a member who has seen all the information about the Club Race in Nord Stern, but has never taken in the event? Not sure what you need to do to attend, what goes on, and how to go about taking it in? Here is a quick and dirty guide to attending your first "Loonacy".

Where? Brainerd International Raceway. 6 miles north of Brainerd/Baxter on Highway 371. If you don't dally, you can make it in 2 hours from Maple Grove. Enter at the main gate. You can't miss it.

When? August 4th – 6th. Practice on Friday. Saturday features more practice, the practice starts and fun race, and then a 60 minute enduro. Sunday morning is qualifying and in the afternoon the sprint races. Late Sunday is our famous "Total Loonacy" inverted start race (handicapped start with the slower cars getting a head start.)

How much? There is no charge for admittance. You will be asked to sign a waiver of liability and that's it. If you are a Porsche enthusiast, there is simply no reason to miss out on this.

What do I do? The first thing you want to do is turn left after the gate and follow the road to the paddock area where all the cars are. Park anywhere and wander around to check out the cars. I'd suggest you first stop by the information area - which is in the Quattro Garage and check out the displays there and say "Hi!" to the folks. Be sure you get a schedule so you know what is going on. Then go check out the cars. Not just the race cars, but also the transporters and the other spectator's cars. There is a lot to see. Don't be afraid to strike up a conversation with anyone you meet. We are all enthusiasts and love to talk about our hobby!

Where do I watch the races? Feel free to go almost anywhere in the paddock and the infield. The exceptions are the hot pits and the track itself. Be sure to climb the stairs and watch a bit from the top of the main tower building. You'll get a great view of much of the track. Make your way into the infield. There are two ways to get into the infield. Next to the main tower is a pedestrian tunnel that goes under the track to the grandstands on the other side. From there you can go anywhere, but remember the track is 3 miles around so it's a pretty good walk to turn 3. The other alternative is to drive around the infield. Just go back toward main gate and when you get close to the gate you will see a bridge on your left. Go over the bridge and you're there. The top of the grandstand at turn 4 is an awesome place to watch because you can see much of the track.

What do I do after the races? Come back to the paddock and visit with the drivers. They will be excited about the race they just ran and will be more than happy to talk about it. The only stupid question would be, "Are you having fun?"

What do I need to bring? Bring your camera, sunscreen, an umbrella or raincoat, maybe food or drink but the concession stand is open. Alcoholic beverages can be brought into the track, but cannot be consumed until after the last checkered flag falls for the day. This includes all areas of the track.

Where do I stay? Rooms are tough in the Brainerd area at this time of the year. Start calling around now. Our Headquarters hotel is the brand new **Lodge at Brainerd Lakes**. We have a block of rooms reserved at a special rate until July 7th. Call 1-877-843-5634 for reservations and tell them you are with the Porsche Club. Located just south of the track on Hwy 371, it's incredibly convenient and has wonderful amenities.



Can I camp? Camping is readily available in the paddock and in the infield and also free. There are showers available. Motorhomes are welcome.

How can I spend my money? Check out the information area. There will be several "Loonacy" items for sale there as well as impressive displays of Porsche merchandise from Carousel and Maplewood Imports (including new cars!). On Saturday afternoon there will be a huge silent auction of Porsche and other stuff with all the proceeds going to Courage Center. A live auction of the really cool stuff takes place at 6:30 PM on Saturday and is extremely entertaining. Help us support this great organization. The auction would be worth the trip alone.

How can I get on the track myself? Simple. Buy a race car! However, if that isn't in the cards, on Saturday and Sunday at lunch time we will offer parade laps of track at a nominal speed, but you get the view the racers get. Only quieter. If you want to participate in the parade laps, go to the information area and pickup and complete the proper form. We ask that you make a cash donation to Courage Center and suggest \$20 as the amount, but of course you are free to give as much as you like. If you want to go a little faster ask anyone about Nord Stern's Driver Education program.

See you at BIR!

Escape to the Finger Lakes

Wine tours, scenic roads, vintage motor sports — you choose at this laid back social weekend in the Finger Lakes area of New York State, September 7-10, 2006.

Can't get away for a week for Parade this year, Oregon too far? You can still get your major PCA event fix. The ultimate in Porsche Club relaxation and camaraderie, the PCA Escapes weekends are intended to be within a closer driving distance and shorter duration than Parade and structured purely as a relaxed, social weekend. This year Zone 1 offers **Escape to the Finger Lakes**. Headquartered in Geneva, NY the weekend has it all: beautiful lush landscapes, exciting roads, great wineries, great food, historic landmarks, vintage motor sports at nearby legendary Watkins Glen and great people – your friends (new and old) from around PCA. The area boasts over 70 wineries and is both a historic and cultural center for central New York. Only forty minutes to the south is famed Watkins Glen and Watkins Glen International raceway. Watkins Glen was home to the US Grand Prix following WWII. Its famed 6.6 mile circuit through the city streets and county roads is still marked and drivable and is on the National List of Historic Places. Watkins Glen is also home to the International Motor Racing Research Center. We'll be at The Glen on Sunday, complete with hospitality tent, car show and parking corral courtesy of our main sponsor, Ray Catena Porsche.

The schedule coincides with both the Grand Prix Festival in the village of Watkins Glen, Sep 8 (www.grandprixfestival.com) and the Zippo US Vintage Grand Prix at Watkins Glen International, Sep 8-10 (www.theglen.com). Porsche is the featured marque for both of these events this year. The Escapes event schedule is designed to compliment the existing Vintage Festival and Zippo activities. You'll be able to buy tickets through us at group rates to the Zippo Vintage Grand Prix.

Thursday, Sep 7: Registration at the host hotel, Ramada Inn Geneva Lakefront, and Welcome Reception at the Belhurst Castle overlooking Seneca Lake.

Friday, Sep 8: Open day and night so you can partake of the many events at the Grand Prix Festival down in Watkins Glen (the south end of Seneca Lake, just 40 minutes away). The Grand Prix Festival includes a reenactment of the 1948-1952 era race, various rallies, Concours d'Elegance and GlenKhana (parking lot antics for small sports cars). You'll also be able to drive the original Watkins Glen street circuit and enjoy a night time fireworks display. Friday Grand Prix Festival activities need to be arranged directly with them (www.grandprixfestival.com).

Saturday, Sep 9: Choose from various tours appealing to a variety of tastes and destinations. There will be wine tours around Seneca Lake (Wagner and others) and Keuka Lake (Dr. Constantine Frank, Hunt Country, Bully Hill and Great Western). Driving tours will take you to the Syracuse area and the Bristol Omnitheater (a domed IMAX theater – www.most.org), the Corning Glass Museum (www.cmog.org), and Letchworth State Park (Grand Canyon of the East) (<http://nysparks.com/parks/info>).



[asp?parkID=12](http://www.pca.org/asp?parkID=12)). There will also be bus tours to the NY State Wine and Culinary Center (www.newyorkwineandculinarycenter.com) and Sonnenberg Gardens (www.sonnenberg.org) and to the MacKenzie-Childs majolica pottery company (www.mackenzie-childs.com) with lunch at the Aurora Inn on Cayuga Lake and shopping at the Waterloo Outlet Mall and there's plenty of antique shops to tempt you along the way. You can even cruise Seneca Lake on the Malabar – a 3 masted schooner. Specific tours and prices will be on the final registration form. Of course, you can also go down to The Glen for Vintage Race practice and qualifying sessions. The Hospitality Tent and parking area will be available. Saturday evening will be a BBQ lakeside (Seneca Lake) adjacent to the Ramada Inn Geneva Lakefront.

Sunday, Sep 10: Activities will be at Watkins Glen International and will include a hospitality suite complete with famous driver autograph session, a People's Choice Car Show, Porsche Parking Corral to include significant/historic Porsches, lunchtime touring laps for Charity and watching the many vintage car race groups. There will also be some significant historic Porsches on display.

Overflow accommodations are at the nearby Geneva Hampton Inn. There are also many Bed & Breakfast options nearby, including Belhurst Castle. A more extensive list of hotels will be on the Escapes website.

Basic event registration fee is \$20 per person with everything else a la carte pricing. Tickets for entry to the Zippo US Vintage Grand Prix can be bought at Group Rates through your PCA Escapes Registration or arranged directly with Watkins Glen International (www.theglen.com). Arrange Friday Grand Prix Festival activities directly with them (www.grandprixfestival.com).

With everything that's going on in the area, this is sure to be a wonderful weekend with lots of variety and plenty of time to relax and no stressful competition. Won't you join us? Registration opens June 15, 2006. For more details and the registration form go to <http://zone1.pca.org>. Questions: Event Chair, Henry Hoeh, 631/582-3226, 1gplus@optonline.net; Registrar: Don Wolcott, 781/631-4157, Zone1escapes@comcast.net

Interim Report Nord Stern First Fling 2006

BIR 4/22/2006, submitted by Ed Tripet

OA	CP	Class	Car	Region	Driver	Car Desc.	Best Lap	Speed
1	1	OPEN	956	NS	Stan Passananti	DSR	1:49.506	98.624
2	1	C	89	NS	Jim Breakey	996	1:51.043	97.259
3	1	F	46	NS	Bob Viau, Jr.	89 944 S2	1:52.387	96.096
4	1	D	23	NS	Bob Viau, Sr.	944 T CS	1:53.010	95.566
5	1	B	114	NS	Luis Fraguada, Sr.	02 911 GT2	1:53.353	95.277
6	1	E	195	NS	Ron Johnson	93 968CS	1:53.621	95.052
7	2	C	9	NS	Ron Lewis	95 993	1:54.053	94.692
8	2	F	131	NS	Mike Courtney	85 911	1:54.431	94.380
9	2	E	48	NS	Jim Benson	89 944T	1:55.841	93.231
10	3	C	106	NS	Jim Leslie	96 993TT	1:56.588	92.633
11	3	F	110	NS	Brian Hanson	94 968	1:56.912	92.377
12	2	D	38	NS	Cliff Anderson	97 993 C2	1:56.936	92.358
13	1	G	303	NS	Shannon Ivey	82 911SC	1:57.665	91.786
14	1	GT1	202	NS	Mark Dekutoski	87 930	1:57.984	91.537
15	4	C	60	NS	Sean Wheatley	99 996	1:58.576	91.080
16	3	D	5	NS	Guy Reeder	95 993	1:58.597	91.064
17	3	E	104	NS	Dave Anderson	944 TS	1:58.841	90.877
18	4	F	82	NS	Bret Bailey	86 911	1:58.934	90.806
19	4	D	171	NS	Steve Saber	96 993	1:59.082	90.693
20	1		944		?		1:59.356	90.485
21	5	F	850	NS	Andrew Busche	87 944T	1:59.640	90.270
22	6	F	170	NS	Dave Engh	86 944T	2:00.619	89.538
23	7	F	224	NS	Lon Tusler	944 T	2:01.240	89.079
24	5	C	259	NS	Darryll Dodson	88 911T	2:01.362	88.989
25	4	E	323	NS	Brad Lano	02 911C2	2:01.881	88.611
26	8	F	27	NS	Joe Ostrander	87 911	2:02.124	88.434
27	2	OPEN	840	NS	Mark Kedrowski	05 Subaru STi	2:02.522	88.147
28	2		108		?		2:03.767	87.260
29	2	G	158	NS	Peter George	70 911S	2:03.876	87.183
30	6	C	641	NS	Dan Leep	99 996	2:03.993	87.101
31	3	G	865	NS	Glen Larson	80 928S	2:04.234	86.932
32	7	C	417	NS	John Schultz	02 996	2:05.104	86.328
33	9	F	253	NS	Bill Houghton	944T	2:05.417	86.112
34	3		157		?		2:05.570	86.007
35	10	F	727	NS	Kris Meacham	89 944T	2:05.964	85.738
36	1	I	7	NS	Dave Galey	88 944	2:05.985	85.724
37	4	G	47	NS	Ron Faust	80 911SC	2:06.072	85.665
38	11	F	927	NS	Erik Polk	87 911	2:07.112	84.964
39	12	F	986	NS	Jack Pierce	00 Boxster	2:07.860	84.467
40	2	I	56	NS	Roy Henneberger	89 944	2:08.694	83.919
41	13	F	41	NS	Bill Votel	90 944S2	2:09.542	83.370
42	3	I	18	NS	Jim Miller	87 924S	2:09.674	83.285
43	8	C	2	NS	Sean Gregory	04 996	2:10.271	82.904
44	14	F	182	NS	Ken Marlow	911	2:10.619	82.683
45	4		714		?	2:10.691	82.637	
46	5	D	200	NS	Jim Fease	89 944T	2:10.780	82.581
47	5		982		?		2:11.756	81.969
48	4	I	67	NS	Chuck Porter	83 944	2:11.814	81.933
49	6		999		?		2:11.866	81.901
50	15	F	926	NS	Ken Fisher	87 911	2:13.414	80.951
51	7		176		?		2:13.732	80.758
52	5	I	81	NS	Bobbi Miller	87 924S	2:14.301	80.416
53	5	G	892	NS	Dan Smith	76 911S	2:14.562	80.260
54	8		419		?		2:14.995	80.002
55	6	D	493	NS	Kim Fritze	06 CaymanS	2:16.756	78.972
56	6	I	167	NS	Betsey Porter	83 944	2:17.256	78.685
57	6	G	811	NS	Jay Turkbash	83 911SC	2:17.441	78.579
58	1	K	914	NS	Bruce Myers	74 914	2:21.510	76.319
59	9	C	512	NS	Richard Magel	04 996	2:23.071	75.486
60	10	C	173	NS	Candace Sabers	96 933	2:23.311	75.360
61	2	K	356	NS	Phil Hancock	64 356	2:36.829	68.864
			814		?		No Time	

TIMED ELECTRONICALLY WITH THE CHRONOMIX CC737-Software by RJK Systems

2006 Kalender . . . Check Here for New and Added Events!

July

- 10-11 Road America Driver Ed**
Monday and Tuesday
Elkhart Lake, WI - Eventmaster: TBA
Contact Phil White rs_america@ccomcast.net

August

- 4-6 Nord Stern Annual Club Race and Driver Education**
Brainerd International Raceway
Eventmaster: TBA
- 13 Sunday Autocross at Dakota County Tech Center**
Eventmaster: Harvey Robideau 952 361-4872 or email:
p911SC@earthlink.net

September

- 4 Labor Day BYOB Picnic in Rochester!**
1:00 pm to 5:00 Location: TBA
Contact: Jeff Boehm, email: jbandbj@chartermi.net
- 10 Sunday Autocross at Dakota County Tech Center**
Eventmaster: Harvey Robideau 952 361-4872 or email:
p911SC@earthlink.net
- 14-15 Blackhawk Farms DE -**
Eventmaster: Ron Lewis 952-932-0505 or email:
lewis_re@earthlink.net See pgs 24 and 25
- 22-24 Nord Stern's Annual North Shore Fall Color Tour**
Tofte, MN Headquarters: BlueFin Bay
1-800-Blue Fin for reservations
Eventmaster: John Dixon 952-939-9071 or email:
eyerack@tcq.net

2006 29

- Nord Stern Driver Training**
Brainerd International Raceway
Eventmaster: Jon Beatty 952 449-0187 or email:
jon@minnetonkasoftware.com

30--
Oct 1

- First Fling Driver Education**
Brainerd International Raceway
Eventmaster: TBA
DE Chair: Phil White at rs_america@comcast.net or
612.418.9319

October

8

- Nord Stern Annual Rally**
Eventmaster: Lon Tusler
Details TBA: Watch *Nord Stern* and ClubTalk email

10

- Nord Stern Business Meeting**
2nd Tuesday of the month
Social: 6:30 pm; Meeting 7-9 pm
Location: Axel's Restaurant in Roseville
Eventmaster: Rick LaVerdiere 651 998-1511
ricklav968@hotmail.com

14

- 2006 Fall Tour and Lunch**
Eventmasters: Sarah DeLong, 612 866-7490,
sdelong@ald-mpls.com or Mike Lancial 952 929-2762
thelancials@msn.com
Details TBA, Watch *Nord Stern* and ClubTalk email

2006



Nord Sterners Drive New 997 Coupe on Spring Tour!

photo by Keith Jones

Thanks go to Sponsor Maplewood Imports for including a gorgeous new 997 Coupe on the Spring Tour. A drawing was held of registered participants and 3 names were drawn: John Dixon, Fred Daneu and new member Al Eckes along with event organizer Mike Lancial. Each driver had the opportunity to 'anchor a leg' of the route. By the grins on their faces, a good time was had by all!

COURTNEY TRUCK SERVICE

*Family owned for
over 20 years*

Service for Your Trucks, SUV's & Trailers

- Scheduled Maintenance to Major Repairs
- Four Wheel Drive, Foreign, Domestic, Gas or Diesel
- Alignments: 2 & AWD vehicles up to 1 ton in weight
- Hitches , Brake Controllers & Fuel Tanks
- MN DOT inspections
- Red Line® Oil Dealer

Towing available

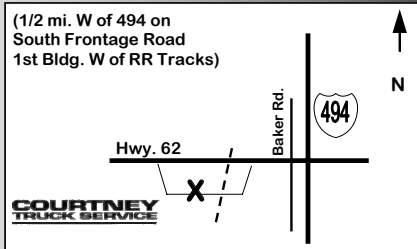


14205 62nd Street West
Eden Prairie, MN 55346

952-934-0931

Hours: MF 7:30 to 5:30

(1/2 mi. W of 494 on
South Frontage Road
1st Bldg. W of RR Tracks)



Quality service at a fair price

FLATSIX

P O R S C H E S P E C I A L I S T

- Complete service and repair
- Race and rally preparation
- Engine and transmission rebuilding
- Mechanical restoration
- Performance modifications
- Pre-purchase inspection and consultation

flat6.com

952.884.2060

9010 Pillsbury Avenue South
Bloomington MN 55420

ZONE 10



June 2006

Around the Zone

I received no comments on the new Zone 10 banner, so it appears again.

May was an active month for all the Regions. Katrina and I attended the 40th annual Ozark Weekend hosted by the Kansas City Region. The planning committee did a terrific job and it was a fabulous weekend. They arranged a Friday reception, Saturday Concours-Tech Quiz-Rally-Dinner and speaker. Sunday concluded with a Fun Run. For those of you who could not attend, be certain to mark this multi-event weekend on your calendar for next year.

The following weekend I was delighted to meet with the Red River Region faithful and Dakotas Region members in Fargo, ND for a joint event. Valley Imports in Fargo helped host the weekend activities. All-in-all a very fun month.



Malcolm Hinds, President Red River Region and I brave the cold and admire the Porsche Club Coupe

Porscheplatz

The Porscheplatz activities at the American LeMans and IMSA races last year and this year have been extremely popular. Admission to the Porscheplatz offers many opportunities not available to other attendees. I have included some preliminary information on the race at Road America below.

See the new Porsche Spyder LMP2 Car! PCA Membership Station in the Porscheplatz (Porsche Owners Corral) during the Generac 500 (ALMS) Race at Elkhart Lake's Road America, August 17-20, 2006.

For more information, please contact Chris Ingot, 847-602-9051 or cinglot@aol.com and also visit the IMSA website, www.imsaracing.net for the latest event schedule. Porscheplatz admission requires a Porscheplatz ticket package - for information contact Road America at 800-365-7223.

www.roadamerica.com.

Charity Subsidy

As your Region plans community and charity activities this summer, don't forget that PCA offers a charity subsidy to help defray your planning costs. Get the forms off the PCA webpage and submit through me to PCA National.

Zone 10 Best Practice

This month's best practice is from the Central Iowa Region. Every Region seems to struggle with getting new and long time members to mingle. At their Holiday Party, Central Iowa placed small inexpensive car models at each place setting. When it came time to distribute prizes, everyone was asked to get with the group that had the same model. For example, those with 911s went to one corner, those with Boxster models went to another. Each group was asked a fairly simple Porsche related question and they had to work as a group to find the answer. Prizes were awarded for winning answers. This was a very effective method to get strangers together and talking to one another. It was quick, easy, fun and everyone sat down with a prize. Great idea Central Iowa!

*John Phillips
PCA Zone 10 Rep
402-333-7245
pcazone10rep@cox.net*

PCA ZONE 10 CALENDAR

JUN

24	Club Race & DE @ MAM	Great Plains
24	DE @ HPT	Kansas City
3	British & European Car Fest	Schönesland
4	European Car Show	St. Louis
7	Social/Meeting	Red River
9-11	Annual German CarFest	Nord Stern
11	Shine-N-Shine	Central Iowa
11	MAAC Safety Clinic	Red River
14	Pizza Party	Ozark Lakes
16	Sonic Show-N-Shine	Great Plains
17	Dawn Patrol	Dakotas
17-18	Wings Over Whitman	Kansas City
17	Autocross	Red River
17	Charity Event	Wichita
18	Autocross II at the Woodlands	Kansas City
21	Social/Meeting	Dakotas
25	Annual Concours	Nord Stern
25	Crusin' Manitoba for MS	Red River

JUL

5	Social/Meeting	Red River
10-11	DE @ Road America	Nord Stern
12	Hot Summer Nights	Dakotas
14	Sonic Show-N-Shine	Great Plains
15	Dawn Patrol	Dakotas
15	Picnic	Great Plains
19	Sutliff Social	Central Iowa
29	Rally	Dakotas
29	Pool Party	Red River
30	Show-N-Shine	Red River

AUG

2	Social/Meeting	Red River
4-6	Club Race & DE @ Brainerd	Nord Stern
5	Progressive Dinner	Dakotas
6-11	PCA PARADE	Portland, OR
6	Ice Cream Social	Central Iowa
10	Jazz on the Green	Great Plains
12-13	DE @ MAM	Great Plains
12	Autocross	Red River
13	Autocross/Dakota Cnty Tech Cntr	Nord Stern
20	Mid-Summer Tour	Schönesland
24-27	Run For the Hills, Black Hills	Dakotas
26	BBQ	Red River
27	Sertoma Fly-In Breakfast	Central Iowa

SEP

4	Labor Day Picnic in Rochester	Nord Stern
6	Social/Meeting	Red River
7-10	Escape to the Finger Lakes, NY	PCA
9-10	Summer Drive	Central Iowa
10	Havelock Car Show	Great Plains
10	Autocross/Dakota Cnty Tech Cntr	Nord Stern
10	Porsche Only Car Show	St. Louis
14-15	DE @ Blackhawk	Nord Stern

16	German Fest	Dakotas
16	Winery Tour	St. Louis
22-24	North Shore Fall Color Tour	Nord Stern
22	New Member Welcome Party	Schönesland
23-24	DE @ MAM	Great Plains
24	Autocross at Marshalltown	Central Iowa
29-Oct1	DE @ Brainerd	Nord Stern
30	Boxster Brake Repair Clinic	St. Louis
OCT		
4	Social/Meeting	Red River
7	Fall Supper Potluck	Red River
7-8	DE @ GIR	St. Louis
14	Westboro, MO Parade & Fun Run	Great Plains
15	Fall Leaf Tour	Central Iowa
20-22	DE @ HPT	Kansas City
21	Rally	Schönesland
21	Fall Color Tour	St. Louis

For More Information

Central Iowa Region	www.ciapca.org
Dakotas Region	http://dak.pca.org
Great Plains Region	www.pca.org/gpl
Kansas City Region	www.kcrpca.org
Nord Stern Region	www.nordstern.org
Ozark Lakes Region	http://olk.pca.org
Red River Region	http://rve.pca.org
Schönesland Region	www.schonesland.org
St. Louis Region	www.stlpc.org
Wichita Region	www.pca.org/wic

MULTI-REGION WEEKEND EVENTS

August 24-27, 2006

Run For the Hills, Black Hills

Dakotas Region

Details TBA

2006 ZONE 10 DRIVER'S EDUCATION DATES

Jun 2-4	Great Plains	MAM	DE/Club Race
Jun 2-4	Kansas City	HPT	DE
Jul 10-11	Nord Stern	RD AM	DE
Aug 4-6	Nord Stern	BIR	DE/Club Race
Aug 12-13	Great Plains	MAM	DE
Sep 14-15	Nord Stern	BLKHK	DE
Sep 23-24	Great Plains	MAM	DE
Sep 29-Oct 1	Nord Stern	BIR	DE
Oct 7-8	St. Louis	GIR	DE
Oct 20-22	Kansas City	HPT	DE

Fall North Shore Color GOLF Outing!

By Dale Trippler

John Dixon has given his blessing to an added Fall Color Tour attraction, golf on Friday afternoon. The Daneu's and I played 18 holes last year at the fabulous Superior National Golf Course, located a few miles up Hwy 61 from Bluefin Bay. The weather was sunny and warm, the scenery is breathtaking, and the company was what made it truly special. Look at the December 2005 issue of the newsletter, page 27 for a few pictures taken at the golf course.

I contacted Superior National and they are willing to block out some tee times for the Nord Stern party this year if we have more than 8 players. They are offering a reduced rate (\$52), carts (and clubs if you need them) included at no extra cost. They know enough about Porsches to know storage space is not one of the reasons we drive them. So if you don't have room for both luggage and golf clubs, Superior National will supply you with a set, no charge.

I need to know how many people are interested in joining us for a golfing outing on Friday, September 22, 2006. The first tee time will be between noon and 1 PM. We teed off at 2 PM last year and just got in 18 holes before dark. But we did get back to Bluefin Bay in plenty of time to shower and join everyone at

the reception.

If you are interested in playing 18 holes of golf at Superior National with your friends from Nord Stern, please send me an email at dtripp@usfamily.net. Once I know how many foursomes we have, I can arrange with Superior National for tee times and let you know what time you need to be at the first tee.

Come on join us. If you can get over having to leave the Twin Cities early, I know you will be glad you did. The views are unbelievable!

Dale Trippler,
Concours Chair,
Mediocre Golfer



Rick Moe's

NURBURGRING

4213 Steiner Street
St. Bonifacius, MN 55375
952.446.8185
nurburg@citlink.net
www.the-nurburgring.com

experience :	28 years in business
experience :	32 years as a professional Porsche mechanic
experience :	28 years nord stern membership
experience :	33 years of Porsche ownership
experience :	national involvement in racing imsa-scca
experience :	nord stern open class autocross champion
experience :	nord stern concours winner
experience :	nord stern technical editor
experience :	factory training school graduate
experience :	hundreds of satisfied customers
experience :	air cooled 911 and 356 specialist

912 E 30th Anniversary: Are You an Owner? Seeking All Examples!

by Aric Glass, Zone 8, Orange Coast Region (silver 912 E #1076)

On the 30th anniversary of the Porsche 912E, I am researching these cars and compiling histories on them. So far I have accounted for 346 of the 2100 (including the pre-series model), including 11 full histories from Port of Entry to the current owner. I am trying to find all of them, even if they are totalled or are stripped for parts. Would you ask your membership in the Nord Stern region, if anyone currently owns or in the past has owned a 912E. I would like to get all the information possible on these cars.

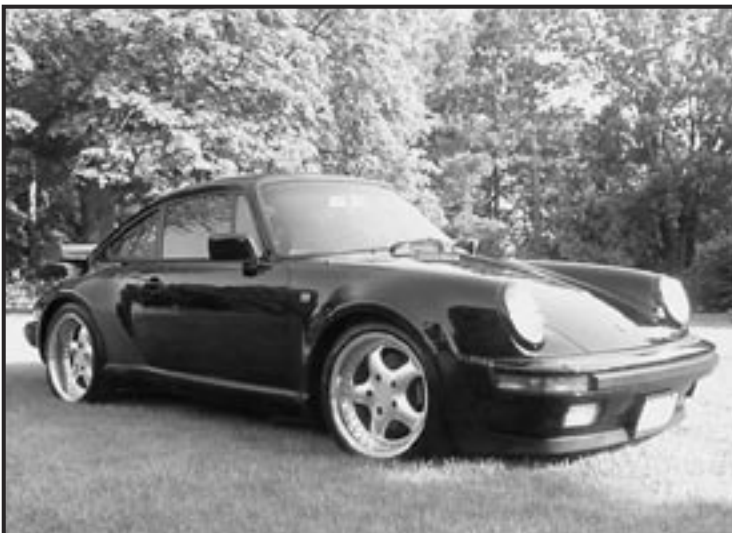
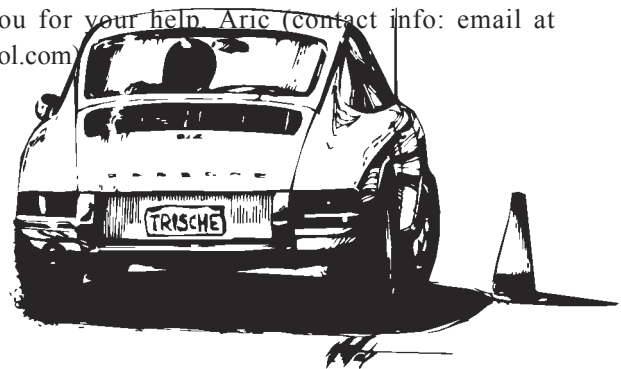
Specifically, I am tracking the following 912E information:

- VIN # (912600____)
- Color: Exterior & Interior
- Port of Entry into the US (this is on the original window price sticker if the owner has it)
- Original dealer & location (window sticker or the

Owners manual)

- Original owner & location (Owners manual or other papers)
- Options on car at first sale
- Subsequent owners & locations
- Dates and mileage at sales
- Changes made to car

Thank you for your help, Aric (contact info: email at glessarch@aol.com)



Like caring for his 20 year old Turbo, John and his team can help maintain and improve the performance of your financial success. Amiot Financial Group provides:

- **Investment Management**
- **CPA Firm – Taxes – Accounting**
- **Mortgage Loans & Services**

For more information, contact John.



AMIOT FINANCIAL GROUP

952.888.7509

John V. Heath, President
john@amiotfinancial.com

Securities offered through QA³ Financial, Inc., Member NASD/SIPC

www.amiotfinancial.com

Blackhawk Farms Driver Education & Time Trial . . . Brings Us Porsche Driver Randy Pobst!

by Ron Lewis, Eventmaster

This year's joint Nord Stern and Milwaukee Region event at Blackhawk Farms will be a bit different. A fun track not too far from us here in the Twin Cities area, it's a challenging nine-turn 1.5 mile circuit and part of our DE series. Our dates this year are mid-September (see registration form to the right) which as we all know, is a wonderful time of the year in the Midwest and will provide lots of track time for one and all. What is new this year will be the availability of a professional driver who will join us at the track.

Randy Pobst, famed Porsche driver and winner of the 2006 Daytona 24 hour race will be with us at Blackhawk Farms. Not only will Randy be our dinner speaker Thursday evening, he is also available to instruct you in your car! You can have Randy drive your car and observe the line and technique of a real pro. Or you can drive and have Randy give you some pointers! Cost is only \$100. At this price, we expect this to sell out fast! Sign up now and get your registration form mailed in!

More information on Randy can be found on his website: <http://www.randypobst.com>. His biography section starts out with the following: "Meeting Randy Pobst today one would not guess that he graduated from the University of Central Florida with a degree in accounting (3.52 grade average, by the way).

While attending school Pobst slowly gravitated towards cars and sportscar racing.

Randy's life began in Dayton, Ohio. As the son of an Air Force man, Pobst's childhood was filled with several moves around the world. For three years his family was stationed in Europe. From those days in Europe the seeds of his love affair with sportscar racing were planted.

Randy first began competing in 1977, at age nineteen: "I saw an advertisement for the Indian River Sports Car Club autocross event at a local mall in Melbourne, Florida. First, I just went and watched two events. The third event I took my Datsun 510 out to try my hand at it, and I won, beating the class champion."

From those humble beginnings grew one of the most successful sportscar careers of any American driver. With over sixty professional wins and three professional Championships, Randy has secured his place as one of the top sportscar drivers in the world.

His focus in 2004 was the factory backed Audi RS6 in the Speed World Challenge GT series. Pobst drove for the Champion Racing effort and had long-time competitor Michael Galati as his teammate." See Randy's website for lots more!

**SAME HIGH-PERFORMANCE SERVICE
FOR YOUR SPORTS CAR OR SUV**



MINNETONKA
3333 COUNTY ROAD 101
MINNETONKA, MN 55346
(952) 473-3001

EDEN PRAIRIE
14601 WEST 62ND STREET
EDEN PRAIRIE, MN 55346
(952) 934-890

WWW.LEIGHTONSGARAGE.COM

HOMETOWN SERVICE, HIGH-PERFORMANCE CARE



Blackhawk Farms DE & Time Trial With 2006 Daytona winner Randy Pobst

Thursday & Friday, September 14 & 15, 2006

located just south of Beloit, WI, an easy 5 - 6 hour drive from the Twin Cities.

- Eventmasters: Ron Lewis 952 932-0505 and Randy Hallenbeck 262 538-0728
- Nord Stern 2006 Autocross Championship Series event.
- Cost: One Day: \$195 1st driver, \$160 2nd driver. Two Day: \$280 1st driver, \$250 2nd driver. Late fee: \$40.
- Private instruction from Randy Pobst: \$100.
- Dinner with Randy Pobst included!
- Registration: Registration limited to maximize track time. Registration must be postmarked by 8/24 to avoid late fee. No refunds for cancellation after 9/7/06.
- Requirements: Snell 2000 or newer helmet, 2.5 lb. mounted fire extinguisher, roll bar (to Club Racing specifications) for cabriolets, 96 db noise limit, PCA membership card, valid driver's license, long sleeve cotton shirt.
- Tech Inspection: Cars must pass tech inspection. Tech location, time and host hotel will be identified in your registration package.

***NEW THIS YEAR: Randy Pobst, famed Porsche driver, is available to instruct you in your car!
A private, on-track session with Randy is only \$100.
Sign up now! First come, first served!***

Rush this form along with your check payable to PCA/Milwaukee Region to:

**Randy Hallenbeck
P.O. Box 445
Merton, WI 53056**

Driver _____ Phone # _____

Ability Level (check one _____ Novice _____ Intermediate _____ Expert _____)

Second Driver _____ Phone # _____ Ability: N/ I /E (circle one)

Address _____

City _____ State _____ Zip _____

Car _____ Model _____ Year _____

Are you an Instructor? Yes/No Would you like an Instructor? Yes

NS Class (if known _____) Car numbers, if known _____

Driver #1 Dates Attending _____ Entry Fee: _____

Driver #2 Dates Attending _____ Entry Fee: _____ Total: _____

"In consideration of the use of the facilities at Blackhawk under the rental lease of Milwaukee Region, I agree to be solely responsible for any property damage to the Blackhawk facility caused in whatsoever manner, by myself, or a registered co-driver either in the vehicle which I have registered, or in another vehicle, and shall pay within seven (7) working days of invoice for all reasonable property damage in which I or my vehicle was involved."

Signed: _____ Co:Driver _____

TWIN CITIES AUTOCROSS CALENDAR 2006



DATE	EVENT	HOST CLUB	LOCATION
APRIL 22	NOVICE SCHOOL (CLASSROOM)	MAC	DUNWOODY INSTITUTE
APRIL 23	DRIVER'S SCHOOL	MAC	MIDWAY STADIUM
MAY 6 [SAT]	AUTOCROSS (MOWOG I) {MCAS}	MAC	VALLEY FAIR AMUSEMENT PARK
MAY 7	AUTOCROSS (MOWOG II) {MCAS}	MAC	VALLEY FAIR AMUSEMENT PARK
JUNE 4	AUTOCROSS (MOWOG III)	MAC	CENTRAL PARKING
JUNE 9-11	CORVETTES DO BRAINERD	SCCM	BRAINERD RACEWAY
JUNE 18	EVOLUTION DRIVER'S SCHOOL	MAC	MIDWAY STADIUM
JUNE 24	AUTOCROSS (MEMBERS ONLY)	MAC	CENTRAL PARKING
JUNE 25	AUTOCROSS (MOWOG IV) {MCAS}	MAC	CENTRAL PARKING
JULY 15 [SAT]	AUTOCROSS (MOWOG V)	MAC	DAKOTA COUNTY TECH
JULY 23	AUTOCROSS {MCAS}	CVSCC	MASON SHOE
JULY 30	AUTOCROSS (MEMBERS ONLY)	MAC	CENTRAL PARKING
AUGUST 13	AUTOCROSS {MCAS}	PCA & COM	DAKOTA COUNTY TECH
AUGUST 20	AUTOCROSS (MOWOG VI)	MAC	DAKOTA COUNTY TECH
AUGUST 27	NCCC SUPER SUNDAY	COM/SCCM	DAKOTA COUNTY TECH
SEPTEMBER 10	AUTOCROSS {MCAS}	PCA & COM	DAKOTA COUNTY TECH
SEPT 16 [SAT]	AUTOCROSS (MEMBERS ONLY)	MAC & VOLKSPORT	CENTRAL PARKING
SEPTEMBER 17	NCCC SUPER SUNDAY II	COM/SCCM	DAKOTA COUNTY TECH
OCTOBER 1	AUTOCROSS (MOWOG VII) {MCAS}	MAC	DAKOTA COUNTY TECH
OCTOBER 15	AUTOCROSS (MOWOG VIII)	MAC	MIDWAY STADIUM

SCCM PRACTICE DAYS AT BRAINERD RACEWAY: MAY 25, AUG 24 & SEP 13

MET COUNCIL AUTOX SERIES (MCAS) EVENTS: MAY 6, MAY 7, JUN 25, JUL 23, AUG 13, SEP 10, OCT 1

COM = CORVETTES OF MINNESOTA--www.corvettesofmn.com--CONTACT: WALLY MAHLUM 952-431-0630

CVSCC = CHIPPEWA VALLEY SPORTS CAR CLUB--www.cvsc.org--CONTACT: BOB DRUSCHEL 715-552-0266

MAC = MINNESOTA AUTOSPORTS CLUB--www.mnautox.com--CONTACT: STEVE GARNJOBST 651-778-0585

NCCC = NATIONAL COUNCIL OF CORVETTE CLUBS

PCA = PORSCHE CLUB OF AMERICA, NORD STERN REGION--www.nordstern.org--CONTACT: BOB KOSKY 952-938-6887

SCCA (LOL)= SPORTS CAR CLUB of AMERICA, LAND O LAKES REGION--www.scca-lol.org--CONTACT: JOHN PARIZEK 952-496-1919

SCCM = SUBURBAN CORVETTE CLUB of MINNESOTA--www.suburbancorvettesofminnesota.com--CONTACT: LAURIE STONE 763-560-9449

VOLKSPORT = VOLKSPORT--www.volkspport.org--CONTACT: AARON JONGBLOEDT 952-270-3349

BRAINERD RACEWAY = BRAINERD INTERNATIONAL RACEWAY, BRAINERD MN

CENTRAL PARKING = CENTRAL PARKING LOT LOCATED IN DOWNTOWN ST PAUL, MN

DAKOTA COUNTY TECH = DAKOTA COUNTY TECHNICAL COLLEGE, ROSEMOUNT, MN

MASON SHOE = MASON SHOE CO. PARKING LOT, EAU CLAIRE, WI

MIDWAY STADIUM = MIDWAY STADIUM PARKING LOT, ST. PAUL MN

NCCC SUPER SUNDAYS ARE OPEN AUTOCROSSES -- MULTIPLE EVENTS PER DAY -- NON CORVETTES are WELCOME



See John show ...



... See John win!

Award Winners Wax

FREE SAMPLE

That's John and Donna Paterek at the Pebble Beach Concours. That's Dr. Wolfgang Porsche admiring the Paterek's rare and shiny '52 America Roadster and giving them a nice prize. That's **P21S**® Concours-look Paste Wax on their car, all they use. It's the wax voted "best paste wax" in an independent test report. It's a great way to win lots of awards and admiration.

Now what was it you were going to wax your car with this weekend?



Clip this ad (no copies) and bring it to The Complete Garage store to receive one FREE 2 oz. sample (enough for 2 cars!) of the Concours winning P21S wax.

Offer valid to the first 100 customers before 5/31/06.

Eagan: 1270 Town Centre Drive 651-686-6970

Hopkins: Crossroad Center, 1593 Highway 7 952-935-5200



Annual North Shore Fall Color Tour September 22-24



Headquarters: BlueFin Bay

Make your reservations at 1-800-Blue Fin

Eventmaster: John Dixon 952-939-9071 or email: eyerack@tcq.net

Join in the annual weekend savoring lovely fall colors, driving fabulous winding roads, exploring historical and geographic wonders of our very own North Shore plus excellent dining and shopping . . .



Porsche Enthusiast!



Teresa Vickery stands beside her beautifully prepared 911 GT3. She is known throughout the Porsche Club of America racing community as one of its premier women drivers. Teresa doesn't have time to shop mortgage rates. That's why she counts on Mortgage Marketing for its lowest rates and fees. Call Bill Berard today for the lowest rates and FAST service!

- ◆ Open Lines of Credit to 125% LTV
- ◆ Purchases and Refi's 125% LTV
- ◆ commercial and Investment Loans
- ◆ Second Mortgage/Equity Loans
- ◆ Lot & Construction Loans
- ◆ No Income Verification
- ◆ A through D credit Programs
- ◆ Special incentives and discounts for Nord Stern Members

Call **Bill Berard** at
(952)

921-4955 x1

Outside Metro call 1-800-LOAN-088

MORTGAGE MARKETING ASSOCIATES, INC.



billb@mmamortgage.com

7101 York Ave. Ste 350, Edina, MN 55435

www.mmamortgage.com

Auto Body Beautiful

Although we specialize in BMW and Mercedes-Benz we also offer body repairs for other makes and models. Sears Imported Autos maintains the highest standards and specially designed equipment to properly repair today's technologically advanced vehicles. When you have your vehicle repaired at Sears, you can be rest assured that you will receive the highest quality work available in the industry today!



Simply the Best!
Sears



Imported Autos

On 394 across from Ridgedale — (952) 546-5301

WORKS OPEN JULY 2006



Exotic Car Invitational



Saturday, July 22

Additional Open Track Dates: July 21 & July 23

On Your Mark...

Here's the perfect opportunity to drive your sports car in the company of other car enthusiasts who enjoy driving at high speed on the Brainerd International Raceway.

Get Set...

This special exotic car touring event will begin at 3:00 p.m. on **Friday, July 21**, at Donnybrooke's Spring Park location, 4444 Shoreline Drive. We will depart at 4:00 p.m. and drive together to The Lodge at Brainerd Lakes. After checking into our rooms Friday evening, we will enjoy cocktails at 7:00 p.m. followed by a private dinner at 7:30 p.m. We will meet at the track on Saturday for a full day of track time. You will be able to drive the track in your car or reserve time in a Spec Racer Ford.

Go!

Reserve your attendance by completing the form below and faxing to 952-471-8491. The fee per driver is \$325 (includes trackside lunch). The fee per session for a Spec Racer Ford is \$250. For more details call 952-471-8518. Additional Information Available online: <http://www.donnybrooke.com>

name _____	e-mail _____
address _____	telephone _____
number of drivers _____	number of guests _____
car _____	model _____
credit card # _____	expiration _____
reserve track time for _____	drivers x \$325 per driver = _____
reserve trackside lunch for _____	guests x \$15 per person = _____
reserve spec racer for _____	sessions x \$250 per session = _____
reserve lodging for _____	rooms x \$155 per room = _____
reserve dinner for _____	people x \$30 per person = _____

Total \$ _____

A mandatory technical inspection of your car is needed before the event. Call 952-471-8518 to schedule. There is no fee for this service.

Tech Quiz . . . General ?s

compiled by Skip Carter & Greg Philips of Grand Prix Region PCA, Long Beach , CA from Parade Tech Quizzes

1. The Type 546 was the first production 1.5-liter Porsche engine to have plain –bearing connecting-rod big ends instead of the built-up Hirth roller-bearing crank.

True or False

Excellence, Vol. 1, page 78

2. The Type 519 transaxle did not have the new Porsche synchromesh components.

True or False

Excellence, Vol. 1, page 81

3. Another urgent requirement forced on the Porsche car by the more powerful 1500 engines was:

- a. Fuel injection
- b. Electronic ignition
- c. Bigger brakes
- d. None of the above

Excellence, Vol. 1, page 81

4. In his campaign to sell Porsches in the U.S., Max Hoffman ignored all engines of less than:

- a. 1.3-liters
- b. 3.0-liters
- c. 2.5-liters
- d. 1.5-liters

Excellence, Vol 1, page 85

5. Shaft drive to its four camshafts, dual ignition, roller bearings and a dual-inlet cooling fan were key attributes of the Type 547 engine.

True or False

Excellence, Vol. 1, page 106

6. The distinguishing external feature of the 356C was the new wheel and hubcap design which signified:

- a. ABS brakes
- b. Four-wheel disc brakes
- c. New drum brakes
- d. None of the above

Excellence, Vol. 1, page 220

7. The 356C was available with a relatively rare Porsche body style:

- a. Targa
- b. Cabriolet
- c. Cabriolet with a removable hardtop
- d. Fastback

Excellence, Vol. 1, page 221

8. A 1964-model 356C was available with which of the following engines?

- a. 1300 Super
- b. 1500 Sport
- c. 3.0-liter flat six
- d. 1600SC

Excellence, Vol. 1, page 222

9. Production of the 356 officially ended in mid-September of 1965.

True or False

Excellence, Vol.1, page 225

10. The grand total of Porsches made under the Type 356 banner was:

- a. 175,000
- b. 76,303
- c. 91,000
- d. 40,810

Excellence, Vol. 1, page 225

BIR GARAGE STALLS AVAILABLE FOR RENT
Call Garfield Clark 612.333.6688


autobahn

L T D

Answers:
1. T
2. F
3. c
4. d
5. T
6. b
7. c
8. b
9. T
10. b

For Sale . . .

Members of the region are welcome to place ads of a non-commercial nature at no charge for two months. \$10 for non-members. Submissions must be received by the 7th of the month prior to publication date: editor@nordstern.org

Tires

Bridgestone Potenza RE 040
225/45 R17 Qty. 4
Hoosier S04
245/35 R18 Qty. 2; 275/35 R 18 Qty.2
Pilot Sport Cup
225/45 R17 Qty. 2; 255/40 R17 Qty. 2
Call Matt at Johnson Autosport, 952-233-2752 or email racing@johnsonautosport.com

1983 944

Guard's Red, black leather interior. Always garaged, low miles. \$4,200 or BO. Great condition, No Rust, 5-speed. Call Len Wenc 218.426.4910.

1979 Porsche 928

Metallic blue/Black leather, 40,000 original miles, Excellent condition. Can be seen at the Ellingson Car Museum, Rogers, MN listed for \$7,950. Will rebate \$1,000. Contact Bob at 763.441.1133, or Erikssonbob@Yahoo.com.

Parts for Sale

One never used Colgan bra for 1987 944 Turbo. \$75. One perfect strofoam black, Tail section off 1991 911/964 Turbo, \$400. Bob Bump, 952.888.7621.

1983 944

Guard's Red, black leather interior. Always garaged, low miles. \$4,200 or BO. Great condition, No Rust, 5-speed. Call Len Wenc 218.426.4910.

1987 944 TURBO

124K with all maintenance records, Silver/Burgundy Leather, 968 rear hatch, Turbo Boost Gauge, Weltmeister chips, Very nice clean driving car, Priced for quick sale: \$7,500. Contact: porschebump@earthlink.net or call 612.730.2351, Ron.

1995 Carrera Coupe

Silver/grey leather interior. Factory O30 sport chasis with cup wheels, dual power seats, hi-fi sound, cd player, 6 speed, computer, ABD, new rotors, pads and all fluids at Auto Edge, full service records, completely stock, new tires 2k ago, just detailed, and very solid, and only 32,000 miles. \$ 36,500. Phone Kevin Kelly at 612.940.3938 email kkellyksi@qwest.net.

1993 C-2 964

Porsche 90,000 miles, \$22,000. Black with gray interior and a RS America style fiberglass wing, This car is in very good condition, Call for details. Phone: Pete @ 651.439.3733.

1994 968 Cabriolet

Blk/tan 59,000 front damage repaired new panels fitted needs adjustment and some paint on front clip along w/airbags. Drives excellent. Rest of car very straight and polished. Original 16" wheels w/dunlops. Clean title asking \$12,500. Rob Welch 952.237.0457.

1987 924S

Red/Blk 125,000 miles, Recent clutch, brakes, konis, sway bar, lowered. Cam and balance belts done. Extra seats, wheels, bra. Needs some body work to be perfect. Excellent daily or occasional autocross car. MUST SELL! Taking offers over \$3,000. Rob Welch 952.237.0457.

930 parts

Left over from recent restoration . . . Body panels, Complete interior, etc. call for details. Rob Welch 952.237.0457.

1973 911 RSR replica

From a (rust free) 1966 912 (ID #453189). Welded steel flares. Fiberglass front and rear bumpers, and Ducktail rear lid. Stripped interior includes 2 Paget aluminum race seats with 5 point harness. 911SC front suspension arms and struts, Weltmeister Rear adjustable spring plates, Weltmeister Front and Rear Sway Bar, 23mm front and 28mm rear T bars, Front brake cooling ducts, 9" front (225/50ZR16) and 11" rear (275/40ZR17) rims. Front calipers are Bremtex (4 piston), 2 Tilton Master

Cylinders with adjustable balance bar. Rebuilt motor included: 9.8:1 pistons, E cams, Weber carbs with 32mm chokes, MSD ignition w/rev limiter, Hydraulic chain tensioners with turbo sprocket arms, Rebuilt heads, Timesert studs in case, Turbo valve covers (lower), Powder coated engine sheet metal, Custom oil cooling system. Oil tank and cooler located in front. Car weighs around 2100 lbs Asking \$14,995 Damian Kostron 651.714.4512 (h), 651.233.7641 (c), dtk@grvs.com or see the website for more details: <http://www.grvs.com/forsale/912/912forsale.htm>

Parting out black California '78 911SC Sunroof coupe

No engine, transmission, front struts, or brake parts. Most everything else available. Four 15x7 cookie cutters with Michelin Pilot Sport Cup R tires 205x50x15. Call or email with part needs. Paul Bork, 952.446.1330 after 6:00 or email: paul@phoenixhobbies.com

RAYMOND AUTO BODY

Satisfaction & Integrity Since 1949



*Where quality
isn't an accident
it just starts with one.*

651-488-0588

Located
near the
Fairgrounds

*Three Generations of the
Slomkowski Family*



1075 Pierce Butler Route - St. Paul, MN 55104



3RD ANNUAL ROCHESTER PORSCHE PICNIC

Join us on Labor Day September 4th, 2006 from 1:00 to 5:00 for
The 3rd Annual Rochester Porsche Picnic.

This is a BYOBB (bring your own beer and brats) event and is a
great way to end the summer.

This years picnic is at a great new location

3335 County Road 15 SW

Byron, MN

Just west of Rochester



We are trying to get a headcount early so please RSVP by email no
later than August 15th.

If you need directions please contact me by email or phone

Jeff Boehm

jbandbj@chartermi.net

507-261-9407 cell

Christie Boeder will also have directions

editor@nordstern.org

Tech Stuff: Condensation on Boxster Rear Trunk Lid; Constant Fan Problem: Technical Q&A from PCA.org

Question: I took my car in for service the other day, pointed out slight moisture on the rear trunk lid above the radiator cap to the service manager, and was told it was nothing and not to worry - it was totally normal and much drier than most. I had already replaced my radiator cap (new style) with another one of the new style. I've only noticed the moisture for the past few months, and have had the car over 4 years. The coolant tank was replaced about a year ago and doesn't appear to be leaking.

I saw a post on one of the Boxster boards about replacing the O-rings on the coolant bleeder valve, and this solved the guy's problem with moisture on the inside trunk lid. Do these ever go bad, and is it worth trying? These two O-rings are less than \$1 each, so the only cost will be my time.

Answer: You should have no visible condensation under the deck lid. The coolant, brake, A/C system and power steering are all sealed systems and should not leak at any time. They have access ports to fill and are not meant to be filled on a normal basis.

"Coolant under the deck lid is a tell tale sign of the cap or bleeder valve leakage. Since you have already replaced the cap, I would suggest that the bleeder valve O-rings be replaced. These have had a long history of leaking and eventually to the point that the system will not pressurize. The bleeder valve is located under the plastic cover that covers the top of the bottle. There are 8 bolts that secure it to the coolant reservoir. Remove the bolts and replace the 2 O-rings (parts numbers 999-707-370-40 and 999-707-371-40).

—Scott Slauson - PCA website - 3/18-2006

Question: It has begun to get warm and I was out on a roadtrip over the weekend (987 Boxster). It was in the mid-80s. After the car warmed up the cooling fan came on would not go off (during driving). I drove for a couple of hours on the highway without the AC on and it remained on. Even cruising in 5th at around 65mph the cooling fan continued to work. I thought the air flow would have cooled the engine enough to allow the fan to shut off.

I have had 911s before this car and am used to the fan going on and off. In this case the fan stayed on for about 4 hours of driving. There was no overheating problem. The indicator was pegged at 175 the whole time. No coolant level low lights came on.

I am now letting the car cool to see what the coolant level is. I checked it when the car was warm and saw no coolant in the indicator area. I figured that when the engine was warm, the

plastic bottle's indicator level is not accurate.

Does it seem strange that the cooling fan worked for 4 hours straight? Is this a mid-engine thing?

Answer: The cooling fan should not have to run while you are driving the car. The flow of air should be sufficient to cool it. The fan would come on if the engine temp was high enough to require it. Low coolant will cause this since it does not have enough to sufficiently cool it down. The coolant level should always be evident in the site even when hot. When you top the coolant off to the max position when cold it would drop a bit when hot only do to expansion and pressure.

Other possibilities would be that the relay had become stuck in the on position or another electrical problem exists.

—Scott Slauson - PCA WebSite - 5/27/2006



**Your preferred collision repair & paint
center for Porsches and other fine
automobiles since 1958**

- ☐ Factory paint matching
- ☐ Paintless dent repair by Juergen's Dent Kraft
- ☐ I-Car & A.S.E. certified technicians
- ☐ Insurance estimates accepted
- ☐ Coordination/negotiations with insurance adjusters
- ☐ Towing Service
- ☐ Rental cars available
- ☐ Recommended by major insurance companies
- ☐ Recommended by automobile Dealers
- ☐ Free written estimates

Collision Center

900 Florida Avenue South
Golden Valley, MN 55426

Phone: 763.541.9727

Fax: 763.541.0371

www.collisioncenter.org

Turbos

*by Stephen Kaspar, Kansas City Region Porsche Club of America Tech Editor,
Reprinted with permission from der Sportwagen*

Forced induction, while very straight-forward in concept, can become fairly complex in execution. First off, forced induction is more commonly known as turbocharging, or supercharging. Again, in concept they are very similar, but in practice they are very different. Forced induction exists to force more air into an engine. More air means more fuel which means a bigger explosion in the cylinder, which translates into more power. And let's face it, power is good! Okay, so turbos and superchargers force air into the cylinder. The next obvious question is: How?

Let's start with turbocharging. It's by far the most prevalent in factory applications and has been on factory road-going Porsches since the mid-70s. If you've ever put your hand right behind the tailpipe on your car, you've noticed that exhaust consists of moving air. If you've ever watched Top Fuel drag racing, you've noticed that exhaust can consist of A LOT of fast-moving air and a lot of heat, too. What turbocharging does is put that moving air to work for us by sticking a turbine (very sophisticated fan) right in the exhaust flow. At idle, it doesn't spin very fast, but as engine speed picks up, so does the airflow, at which point that turbine starts to really spin; over 100,000 rpm in some cases. The exhaust turbine is attached to a shaft that goes from the exhaust housing to the intake housing. The other end of the shaft has another turbine on it designed to suck air and force it into the engine. So turbos use exhaust air to drive an air pump that forces more air into the engine. It's considered "nearly free" power because it uses what would otherwise be leaving the engine doing nothing, and drives a pump that makes more power—that causes more air to leave the engine, which spins the turbo faster and pumps even more air into the engine which speeds up the turbo more and . . . There are a number of limiting factors in the system, as well as mechanical and electronic safety measures to keep the system from creating too much pressure and doing damage to the motor.

One of the downsides of turbocharging is the fact that you have to wait for the turbo to "spool up" enough to actually start pumping air into the engine. This turbo lag can be inconvenient and, in some situations, potentially dangerous. Also, with any forced induction system, there's going to be heat (air up your car tire with a bicycle pump then grab the bottom of the pump cylinder, then grab the nearest chilled adult beverage, the pump will be very hot). Turbos add to the heat from compression by having these rapidly-

moving parts in very close proximity to the exhaust system. By the way, hot air is less-dense air, which means less combustible gas in a given space, which means less power. Intercooling combats that, but that's for another article.

So, in summary: Turbo Pro: Nearly-free extra horsepower. Turbo Cons: Turbo lag and heat saturation.

How about supercharging? Well, it comes in different flavors: positive displacement and centrifugal, for example, but we're going to stay away from that discussion and avoid doubling the thickness of this fine publication. Suffice it to say, AMG, GM, Ford, VW, Chrysler have all used supercharging on production vehicles in the last 15 years or so. And most of the aforementioned still do on at least one of their cars. Supercharging works in a very similar fashion, except instead of the exhaust gases spinning the turbine (or vanes—yet another article), the unit is driven directly off the engine like a water pump or air conditioning. And just like those devices, it requires additional horsepower to run it. Some are very efficient at idle and some are not, but they all take power.

Superchargers also cause heat during compression, but the complexity and heating issues of a turbocharger are absent and adding a supercharger after the fact does not require completely redesigning the exhaust system, making them a desirable "bolt-on" addition for more power.

So in summary: Supercharging Pros: Less heat and less complex. Supercharger Con: Takes power to make power.

Is one better than the other? Vastly more turbo-charged cars roll off factory production lines every year. So for whatever reason, the major manufacturers strongly prefer turbos. Superchargers though, are much easier to add to a car that is normally-aspirated, and some factory exotics come with these. Then there's the new Volkswagen that comes with both—but that's yet another article.

Below: Nord Stern member Bret Bailey got this photo at Mid-America Motorplex's Club Race of close racing that includes Nord Sterners Bill Berard and Mike Hoke.





Starter



Steering Rack



Strut



Water Pump

A Porsche. The sum of its genuine parts.

Genuine Porsche parts are built to the same standards and endure the same rigorous testing as Porsche vehicles. It's no wonder they're the driving force behind the most exhilarating vehicle on the road. Carousel Porsche and Maplewood Imports - where to buy Genuine Porsche Parts.

Genuine Porsche Parts

Carousel Porsche

763-744-9191
9191 Wayzata Boulevard
Minneapolis, MN 55426
carouselautomobiles.com

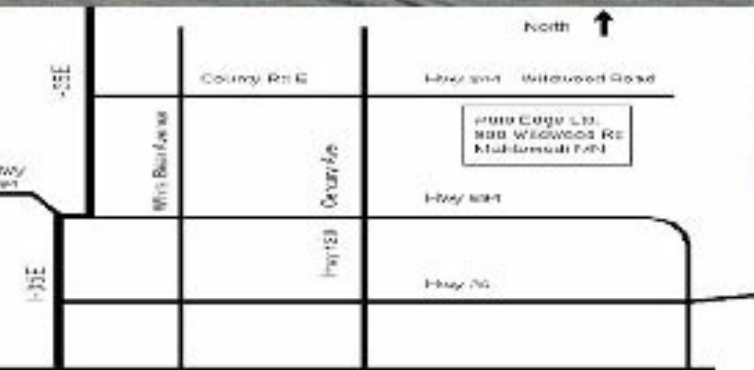
Maplewood Imports

651-483-2681
2780 North Highway 61
Maplewood, MN 55109
maplewoodimports.com



PORSCHE

Auto *Edge* Ltd.



Hours: M-F 7:30 am - 6:00 pm
Email: autoedge@auto-edge.com

www.auto-edge.com

(651)777-6924

NORD STERN P.C.A.
c/o Christie Boeder
11919 Hilloway Rd. W.
Minnetonka, MN 55305

ADDRESS SERVICE REQUESTED

PRSRT STD
U.S. POSTAGE
PAID
BURNSVILLE, MN
Permit No. 156