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Nord Stern is the official monthly publication of the Nord Stern Region, PCA Inc. Articles herein are those of the author's and do not necessarily represent the official position of PCA, the Nord Stern Region, or their members.

The editor reserves the right to edit all material. Articles and classifieds for publication in Nord Stern must be submitted by the 15th of each month prior to publication.

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Christie Boeder, Editor 11919 Hilloway Rd. W. Minnetonka MN 55305 612.845.4509 (cell) or editor@nordstern.org

Jill Daneu, Ad Mgr. 952.432.3486, see Officer listing for contact details

Jill Daneu, Staff Writer/Photog 952.432.3486 Ron Faust, Staff Writer/Photog 218 961 1617

Please contact staff for any event coverage you may 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



Cover Photo by Jim Destiche

I drive to Louisiana at least once a year. After a friend told me about Mt. Magazine Arkansas, I decided to take some back oads I had not tried in the past - in my one-year-old 911 with 2200 miles on it hen I left). The photo next to the old jalopy vas at a garage on a main street in Paris Arkansas. It was a week day morning but

the shop was closed so it was a photo op I couldn't pass up.

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## "How to Join PCA and then Nord Stern Region of PCA"

- 1. First, Join the Porsche Club of America (PCA). Please visit www.pca.org for membership instructions, then . . .
- 2. Join (or renew) Nord Stern via check:
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- Complete form and send with check payable to Nord Stern directly to Ed Vazquez.
- 3. Or, to join or renew a Nord Stern membership via Pay Pal, visit www.nordstern.org and select 'Join' and follow the instructions

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Reminder, Annual Dues are: \$30 per year (to defray monthly newsletter costs!)

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Contact Ed with any membership inquiries or updates

## 2014 Officers & Committee Chairs

president@nordstern.org

Dave Anderson 7965 Egret Drive

Independence, MN 55359 763.479.8231 or 612.850.7411 (c)

**Vice President vicepresident©nordstern.org**Mike Sabers 605.721.1517 (w)

Secretary secretary@nordstern.org

Betsey Porter

President

Treasurer treasurer©nordstern.org
Jeff Bluhm

6767 Marsh Ridge Ct. Eden Prairie, MN 55346

952.975.5931 (h) or 612.371.1148 (w)

Advertising advertising©nordstern.org
Jill Daneu 952.432.3486

Autocross Autocross©nordstern.org Harvey Robideau 952.361.4872

Board of Directors Board@nordstern.org

 Bret Bailey
 952.240.4782

 Jim Bahner
 651.492.9459

 Ron Johnson
 612.730.2351

Charity Fundraiser Keith Jones charity@nordstern.org 952.829.5989 ext 203

**Porsche Show PorscheShow©nordstern.org**Phil Saari 651.484.0303

Club RaceClubRace@nordstern.orgDoug Anderson507.273.5346

**Driver Education DE©nordstern.org** Steve Meydell 763.416.1655

**DE Registrar**Brainerd Events:

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Met Council MetCouncil©nordstern.org
Bob Kosky 952.938.6887

Newsletter Newsletter©nordstern.org
Christie Boeder 612.845.4509

Rally Rally©nordstern.org

Lon Tusler

Safety Safety@nordstern.org
Paul Ingebrigtsen
Keith Erickson 612.805.3565

**Shop Relations ShopRelations@nordstern.org**Keith Fritze 612.275.3123
Michael John 612.386.5255

**Tech Sessions** TechSessions@nordstern.org
Keith Fritze 612.275.3123

**Touring Touring©nordstern.org** Mike Lancial 952.929.2762 Randy Walker

Track (BIR & RA) Relations

Jim Bahner

TrackRelations©nordstern.org
651.492.9459

Webmaster

webmaster©nordstern.org

Mark Kedrowski

Zone 10 Rep

Kim Fritze



30851 Fish Trap Lake Dr Cushing, MN 56443 612.275.4891

Zone10rep@gmail.com Zone10rep@nordstern.org

Addresses available upon request for chairperson/s or Board members. Call Christie Boeder 612.845.4509

It was at the Maplewood Auto Fair that Christie Boeder (Editor@NordStern. org) told me that we've added a fifth season to the weather here in the upper Midwest ... "sprinter". I can't think of a better term to describe the transition from the winter of 2014, the 2nd wettest April on record, and the unseasonably chilly spring that simply has winter reminding us that we live closer to the artic than the tropics. I'm ready to start complaining how hot and muggy it is!

Prior presidents have had some interesting and extensive backgrounds in cars, sanctioned racing, or even both from which to entertain you with stories and fun facts. Unfortunately for you the reader, I'm a stereotypical technology geek with stories that typically include the likes of reboots, CD drive cup holders, "abc123" passwords, and blinker fluid. Boring stuff, actually, so I'll use the Prez Says column to let you know of Club activities past and future.

The big news for the June issue of Nord Stern is that we're finally ready to summarize the membership survey that nearly 30% of you took time to complete back in February. I had planned on 10-15% to respond to the survey and to double that was totally unexpected.

Many thanks to Michele Deml Johnson and Jill Daneu for reading through over 200 responses and opinions to provide a summary for everybody. I'd read through the individual entries myself but I think Michele and Jill captured the general view of the Club. Their report can be found elsewhere in the newsletter. By the way ... in spite of what somebody thought, I didn't live at the Mall of America NASCAR simulator.

Probably the most frequent comment coming out of the survey is that many of you would like to have more tech sessions and social activities that include a destination drive beginning or ending at a restaurant. We have some tentative tech sessions scheduled that include the Macan, the 918 Spider, and car detailing. On the social side of things there is the All Porsche Show on June 29th, a rally sometime this summer, the Fall Color Tour, Vino in the Valley, and I'm planning on have some ad hoc brunch trips; kind of a Matt Lauer-like "Where is the Prez" thing.

A consistent hurdle in supporting activities in any volunteer organization is to get folks to step up and help with planning and execution. There were a number of survey respondents that

indicated that they'd like to get more involved in Nord Stern activities. The committee chairs or I will be in contact with these folks, but the Club can always use help with locating places to meet, drives to experience, or assist with existing activities. You can help the Club by contacting the committee chairs listed on the facing page if you have an interest in helping with a track event, social outing, or with the Club administration in general.

July is a busy track month for the Club with our annual trek to Road America which I'd recently coined the "Cheese Fling". If you haven't experienced Road America here is your chance on July 14th and 15th. I'm anxiously looking forward to this year's Club Race and DE starting on July 25th. Not only is this our best valued DE track event, but PCA National Staff has told me that the 944 Cup series has added a stop on their schedule at our Club Race. In addition to our Saturday silent auction, I understand that we will be making a Siebkens-like parade from BIR to Nisswa for a Friday evening party. If you haven't seen the Road America Club Race parade at the Chicago Labor Day

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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	NA			
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1/2 page: 7.5" wide by 5.25" high						
1/4 page: 7.5" wide by 2.625" high; 4" wide by 5" high						
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NORD STERN JUNE 2014 5

## Welkommen . . .

## Welcome . . . New Members

(and returning/renewing members!)

We hope to see you at upcoming events!



## **Brian Beich**Dellwood, MN

**Douglas Kuchera** 2007 Cayman

Inver Grove Heights, Mn

**Michael Oquist** 

Brian O'Neill Rochester, Mn

Christopher Weber Maplewood, MN

Robert Yach 2003 911 Shoreview, MN

#### 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).

**ClubTalk:** E-mail listserv for member subscribers focusing on car issues and discussions as well as a place to ask questions, get recommendations and comments. Also for last minute breaking news on upcoming events and activities. See Nord Stern's website for directions on how to subscribe and or how to unsubscribe..

**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. Note: Nord Stern conducts an 'All Porsche Show' at which cars are 'shown' but not judged.

**Driver Training:** A driving course designed to teach and enhance high speed driving skill and technique on an actual race course. Training includes classroom sessions, on-track 'exercises' plus supervised lapping sessions. A Pre-Requisite for Driver Ed participation and NOT to be confused with Driver Education events. Driver Training includes both Novice and Intermediate level options. Check with DT Chair for additional options.

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

**Parade Laps:** Held during lunch at Driver Training events at closed-course racetracks, this controlled environment with a pace car provides participants an opportunity to take street cars on the track at highway speeds so that they can see what the course is like. Minors are permitted in state approved restraints and with a signed parental release.

**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 pg. 3!

**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!



'll start my column out this month by announcing my little Photo Contest Winner - I'm so thrilled that readers do

read and actually get in touch. While I always figure no news is good news, it really is great to hear from members with comments, answers, concerns or corrections. First up is the 'answer' to the mystery photo in the May issue: the computer scales show that the weight in the back of the vehicle is way less than the front. Sooo, what's

missing? Even perhaps without knowing this is a 911, engine is the answer and past Prez Jim Bahner was the first responder. Yeah, Jim! Fun photo.

john.biesecker@gmail.com

Jim also pointed out that the answers to the Quiz questions would appear to be off so I'll post the correct list elsewhere

> in the newsletter. Thanks. Jim, for noting the discrepancies.

My NEXT topic of choice is that I REALLY **DISLIKE SURVEYS!!** 

Yes, the recent survey results are published this month so I hope I don't get lynched by my fellow Nord Stern colleagues for that little statement.

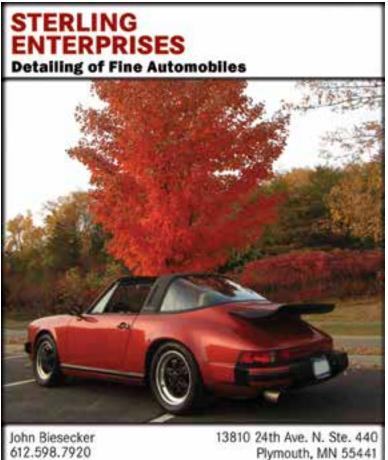
It's really very, very simple. While surveys are all around us and can certainly contribute valuable feedback for any organization, I just often have a problem with them. Why? Because it is ever so easy for respondents

> to 'answer' or contribute their comments without any accountability. I have ALWAYS felt very strongly that if someone is going to complain, and or make suggestions, want to see this or that happen then

that person had better be willing to step up and HELP out. And by that I absolutely mean that individuals need to make contributions of THEIR time. energy, organizing or out and out executing an activity or event. How easy it is to complain/suggest in a survey and then when nothing 'happens' express feelings that something isn't 'providing them value'. We are an organization of volunteers, each member of which should be volunteering to whatever extent they can. I know that not every year can someone devote hours and hours being an officer or eventmaster in a club like this, but frankly, as my sainted Mother always points out - many hands make light work.

So 'words without action' are darn meaningless in my book. But I will be the first person to chime in to thank and praise the many, many members of this club (you know who you are and I can't name everyone since there's sure not enough space!) who give oodles of time and effort to maintain a fun, interesting collection of events affording many of us the chance to meet others with the same passion for Porsches, sharing in the camaraderie. This club is healthy and vibrant for the exact reason above.

Let's keep it that way, want to see something offered? Then step up, volunteer and you'll be surprised at how easy it is (lots of experienced peeps around here) plus fun and rewarding. Lots of good ideas in the survey!





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## 2014 Calendar . . . Get Around with Nord Stern

JUNE 2014 29 **All Porsche Show** Roseville Central Park 10 a.m. to 1 p.m. 2014 **JULY** 14-15 'Cheese' Fling: Nord Stern at Road America Eventmaster: Dave Anderson 25-27 **BIR Fast Fling and Annual Club Race** Eventmaster: Doug Anderson 2014 9 **AUGUST** VINO IN THE VALLEY DRIVE Eventmaster: Randy Walker, rswalker@baldwin-telecom.net **SEPTEMBER** 2014 **Annual Rochester Labor Day BBQ and Picnic** 1 Details TBA, Questions Jeff Boehm at 507.261.9407 9 **Nord Stern Business Meeting** Location: Lifetime Fitness Center 755 Prairie Center Dr, EP 6:30 p.m. Social, 7 p.m. Business Meeting All Members welcome! 12 **Last Fling Driver Training** Brainerd International Raceway Eventmaster: Ron Johnson Register online at: clubregistration.net **Last Fling Driver Education** 13-14 Eventmaster: TBA Register online at: clubregistration.net German Carfest/Octoberfest 13 Details: TBA 26-28 **Annual North Shore Fall Color Tour** Eventmaster: John Dixon, eyerack@tcq.net or 612.618.9506, Headquarters: Blue Fin Bay, Tofte

NOVEMBER 2014
9 Old Log Theater Event
Details TBA

11 Nord Stern Business Meeting

Location: Lifetime Fitness Center 755 Prairie Center Dr, EP

6:30 p.m. Social, 7 p.m. Business Meeting

All Members welcome!

DECEMBER 2014

Nord Stern Business Meeting

Location: Lifetime Fitness Center 755 Prairie Center Dr, EP 6:30 p.m. Social, 7 p.m. Business Meeting All Members welcome!

"Third Thursdays" of each month

An Informal 'Post-Work' Social at Club Jager (see photo below)

923 Washington Ave. North, Mpls, MN 55401 612.332.2686 http://clubjager.com/

June 19
July 17
August 21
September 18
October 16
November 20
December 18

OCTOBER 2014

14 Nord Stern Business Meeting

Location: Lifetime Fitness Center 755 Prairie Center Dr, EP 6:30 p.m. Social, 7 p.m. Business Meeting Members welcome!



Above, a typical scene from Club Jager on a 'Third Thursday' evening sharing a few fine German brews!

Not a very good image, but it's the thought that counts.



## Car Biz Board . . . One Stop Shopping!







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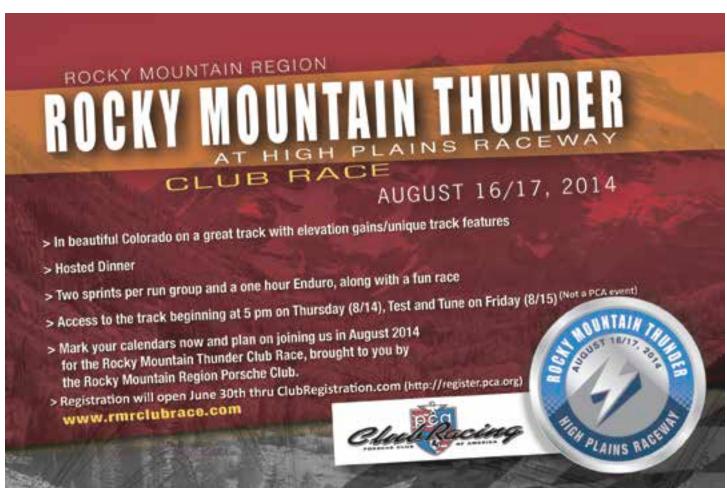
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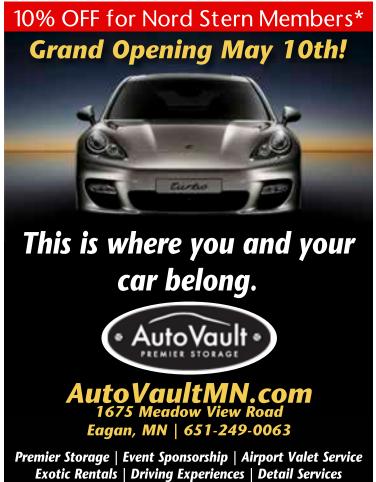
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## Updated Answers for May Tech Quiz ?'s!

1. b	16. b	June Ansv	vers
2. a	17. a	1. c	15. d
3. b	18. b	2. d	16. b
4. c	19. b	3. b	17. a
5. a	20. c	4. b	18. a
6. b	21. b	5. b	19. b
7. a	22. a	6. a	20. b
8. d	23. b	7. a	21. b
9. c	24. b	8. a	22. b
10. c	25. c	9. b	23. c
11. a	26. b	10. b	24. b
12. c	27. b	11. c	25. d
13. a	28. c	12. c	26. b
14. d	29. c	13. b	28. b
15. c		14. a	29. a
			30. b



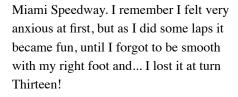
## Drive in the Rain

**6** I want more HP to be faster!"

That's what you generally hear from new students that have done a few DE events. They are under the impression that more horsepower will help them go around the track faster. While in some cases this might be true, such as with very experienced drivers with underpowered In fact, until we can tone down our urge to be violent with the car's controls, we won't be as fast as we could be.

Probably the best platform to help you be a smoother driver is by doing it in the rain, or better yet, on ice!

The best DE sessions I've ever had, when I've learned the most, are under pouring



Fortunately I was able to maintain the car on the track and there weren't any other cars immediately behind, so I was fine.

After that incident I've learned to be much smoother and my speed has gradually increased even though I haven't increased my horsepower (too much).

I try to picture myself while I'm tracking my car that I'm on wet pavement and that helps me be a lot smoother ... and faster.

In one of the best books I've read, The Art of Racing in The Rain, by Garth Stein, Enzo, the narrator of the book says it perfectly:

"I know this much about racing in the rain. I know it is about balance. It is about anticipation and patience. I know all of the driving skills that are necessary for one to be successful in the rain. But racing in the rain is also about the mind! It is about owning one's own body. About believing that one's car is merely an extension of one's body. About believing that the track is an extension of the car,



cars, generally gobs of horsepower will make them go slower because high power-to-weight ratio cars are much more difficult to drive.

The general advice for becoming a better and faster track driver is the same as when someone asks: "How do I get to Carnegie Hall?"

The answer in both cases is PRACTICE!

Practice certainly makes perfect, and at the track it will make for a smoother, safer and faster driver.

Once a student masters the art of braking, apexing, heel/toeing and accelerating with delicacy he/she will be more consistent and faster.

When we are new at DEs, we tend to be very aggressive with the way we turn the steering wheel, the way we press the brake pedal and the accelerator, thinking that this will make us faster.

rain. When it's slick you HAVE to be smooth in the way you drive, or your tires (especially track tires) will be sliding all over the track and the car will not be on it for long.

My very first session after I qualified as a solo driver was under rain, at Homestead-



and the rain is an extension of the track, and the sky is an extension of the rain. It is about believing that you are not you; you are everything. And everything is you".

To learn more about High Performance Driving, watch some track videos and more, please visit my website at: wwwPedrosGarage.com.

Happy Porscheing, Pedro



## Prez Sez

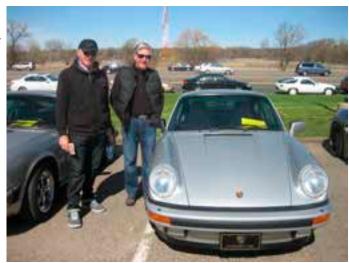
continued from page 5

Club Race, you're in for a treat either as a participant or just watching race cars and other Porsches in a closed course drive.

One of my goals for

the year is to increase communication with membership and I'm using both ClubTalk and the PCA regional emails, so watch for details on the events mentioned earlier and those "Where is the Prez" ad hoc gatherings.

It's going to be a busy summer. Hope to see you out and about!



## '89 Silver Anniversary 911 comes Full Circle!

by Dave Weisel

Original owner, Brad Krohn (photo left) sold it to Ron Smith who sold it to Dave Weisel (photo right) who sold it to Krohn's friend in Utah, who sold it back to original owner, Brad Krohn.



Nord Stern June 2014 13

#### PCA Zone 10 Calendar 2014

DATE	EVENT	HOSTING REGION
June		
1	Carrera GT Club Race & DE, Motorsports Park Hastings, Hastings, NE	Great Plains
7	Loess Hills South drive to Weston, MO	Schonesland
7	Ice Cream Social, Rand's House	Kansas City
15-21	2014 Porsche Parade, Monterey, CA	PCA
28-29	Kansas City Region Club Race & DE, Heartland Park, Topeka, KS	Kansas City
29	All Porsche Show and Concours, Roseville Central Park, Roseville, MN	Nord Stern
July		
5	Autocross at Marshalltown, IA	Central Iowa & Schonesland
14-15	'Cheese Fling' DE, Road America, Elkhart Lake, WI	Nord Stern
19	BBQ & Open House, Bennets House	Kansas City
19-20	DE, Motorsports Park Hastings, Hastings, NE	Great Plains
26-28	Loonacy Club Race & DE, Brainerd Intl Raceway, Brainerd, MN	Nord Stern
August		
7	Tudor United Sprts Car Championship, Road America, WI	PCA
10	Botham Winery Vintage Celebration featuring American Muscle, Barneveld, WI	Central Iowa
16	Autocross at Marshalltown, IA	Central Iowa & Schonesland
24	Sertoma Fly-In, Drive-In Breakfast Iowa City, IA Airport	Central Iowa
Sept. 1	Rochester Labor Day BBQ & Picnic, Rochester, MN	Nord Stern
6	Drive to Trains, Planes & Automobiles, Geneseo, IL CIA will sponsor 'Best German Car Trophy'	Central Iowa
12	Last Fling Driver Training - Brainerd Intl Raceway, Brainerd, MN	Nord Stern
13-14	Last Fling Driver Education – Brainerd Intl Raceway, Brainerd, MN	Nord Stern
20	Shrimp Boil, Hess's House	Kansas City
21	Summer/Fall Drive – Route TBD	Central Iowa
21	All Porsche Car Show, St. Louis, MO	St. Louis
26-28	North Shore Fall Color Tour, Tofte, MN	Nord Stern
October 4-5	Fall drive to MN & WI	Schonesland
10-12	Parktown Carrera Classic DE, Gateway Motorsports Park,	St. Louis
Nov. 6-9	Escape to Magical Orlando, Orlando, Florida	PCA
Dec. 6	Holiday Party	Kansas City



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	Port & Company 100% Cotton T-Shirt  Heavyweight 6.1-ounce, 100% (preshrunk) Shoulder-to-Shoulder Taping Coverseamed Neck Double Needle Hem Black w/Nord Stern Logo Small – XLarge - \$20.00 Each 2XLarge - \$22.00	Men's Size	Quantity	\$ Item Total
*	Cutter & Buck Tournament Pique Polo  Ribbed knit collar & Cuffs  3-Button Placket  Drop Front Shoulder  Reinforced Side Vents  Pearl Colored Logo Buttons  C&B Pennant at Left Sleeve Hem  White w/Embroidered Nord Stern Logo on Left Chest  Small - 3XLarge - \$45.00 Each	Men's Size Ladies' Size	Quantity	\$ Item Total \$ Item Total
	Eddie Bauer Packable Wind Jacket Wind was the inspiration for this compact layer — and it packs down into a pocket, making it easy to carry wherever you go. Hood with drawcord and toggles for adjustability, contrast reverse coil zipper, underarm vents, packable zippered chest pocket, front unzippered pockets, elastic cuffs and an open hem. Contrast Eddie Bauer logo on right chest. 100% nylon. Small — Xlarge - \$50.00 Each 2XLarge - \$52.50	Men's Size Ladies' Size	Quantity	\$ Item Total
	Port Authority Dry Zone Cap  An exceptional combination of breathability and moisture wicking, this cap features a quick-drying CoolMax® sweatband. Sandwich bill.  • 55/45 poly/polypropylene double knit  • Unstructured  • Low Profile  • Hook & Loop Closure  \$20.00 Each	Size	Quantity	\$ Item Total
Contact Name  Contact Phone #			1	\$ Order Total

Please contact Ed Vazquez at edmn911@aol.com. Email your order now.\*

\*Delivery date will depend on meeting the minimum order.



## 2014 Slowpokes Inc. Open Track Time

## Sunday, June 1st and Thursday, July 3rd

Brainerd International Raceway - One Day Events 2.5 Miles, 13 turns Open Track 9 AM - 6 PM

\$295 per car



Format: No run groups - Open track all day

Unlimited number of drivers per car

\*Lunch 1 to 2 pm – parade laps on track

Participants: 40 cars maximum registration

Requirements: Prior High Speed Track Driving Experience

Vehicle Tech Inspection: Contact us for details

Contacts: Linda Schmid - linda@slowpokes.org 952.943.9567

Fred Jacobberger - fjacobberger@comcast.net 952.948.0600

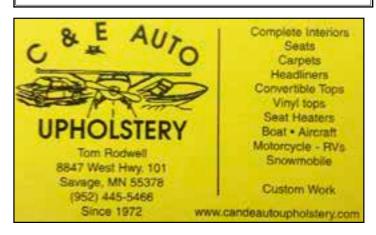
John Cunico - jcunic0@aol.com 651.726.4814 Andy Schmid - ams@amschmid.com 952.943.9567 Jim Bahner - jim@qualitytapeinc.com 651.492.9459

If your happiness requires more track time visit www.slowpokes.org to sign up









Nord Stern June 2014 17





#### **Famous Nord Sterners!**

Im and Keith, You guys are
Excellence Editor Pete Stout's ideal
Porsche couple. And who wouldn't agree
with that! Have you seen his "Editor's
Note" starting on page 6 of the May issue?
If not, the really good part is on page 8.

Right there in the first paragraph on Page 8, he cites Kim and Keith as the best example he can think of how buying a Cayenne started the slippery slope into Club Racing.

Can I get your autographs?!

-Dale Trippler

## Nord Stern Humor, Too Good to be Ignored!

Coming to you from the Hardware show in Vegas. Manco, the people with the Duck Tape brand of duct tape have new scented duct tape in several flavors. I'm not sure why you would want a bubble gum smell on your projects, but they sure seem VERY proud. Think of it if this trend hits racing tape . . . with a couple jerks of the tape you could have the smell of victory all over your car.

Or for those devious racers in our mists, you could apply the stench of defeat onto your opponent's car. Think of the havoc you could play with your arch rival's mind, if during the race he kept

smelling melting plastic, burning oil, or roasting transmission fluid. Those design geniuses at White Board probably have prototype smells already simmering in their vats.

- Keith Jones

Reith, I am headed to Goodwood with my Indy Car. It was sponsored by Budweiser back in the day and still has the Bud colors on the car. Do they have "Stale English Pub" scent? I would have a number of fans hanging around the car if they do, even though none of the proper British folks seem to appreciate American Beers!

- David A. Roberts

# Concours at the All Porsche Show Sunday, June 29!

Calling ALL Cars: Concours Opportunity at the 2014 Porsche Show

Interested in Prepping and Participating in a Proper Concours this year??! If so, we need to know. 10 car entry minimum for the 'show to go on'

RSVP to Dale Trippler with your name, car model/year/color NOW. However, all that washing, cleaning and prep can hold off a bit (after all it's still not quite summer here in our fair state!) Email Dale at dtripp44@gmail.com TODAY!

Judges will be needed, too, so step on up and join in the fun.



## Twin Cities & Area Events/Autocross Calendar 2014

DATE	EVENT	SPONSOR	LOCATION
June 8	AUTOCROSS - MOWOG 3	MAC	DCTC
June 14	DRIVER'S SCHOOL CLASSROOM	MAC	DUNWOODY INSTITUTE
June 15	NOVICE DRIVER'S SCHOOL	MAC	MN STATE FAIRGROUNDS
June 22 @	SUPERSUNDAY AUTOCROSS I	COM / PCA	DCTC
June 29 @	AUTOCROSS	CVSCC	CVTC (CLAIRMONT LOT)
July 13 @	AUTOCROSS	SCCA	SE TECHNICAL, WINONA
July 19	TEST & TUNE	MAC	DCTC
July 20	AUTOCROSS - MOWOG 4	MAC	DCTC
Aug 10	TEST & TUNE	MAC	DCTC
Aug 24	AUTOCROSS - MOWOG 5	MAC	FOREST CITY, IOWA
AUG 30 - SEP 5	SCCA NATIONALS LINCOLN NE	SCCA	AIRPARK
Sept 14 @	SUPERSUNDAY AUTOCROSS II	COM	DCTC
Sept 20	AUTOCROSS - MOWOG 6	MAC	CANTERBURY PARK
Sept 21 @	AUTOCROSS - MOWOG 7	MAC	CANTERBURY PARK
Sept 28 @	AUTOCROSS	CVSCC	CVTC (WEST CAMPUS)
Oct 5th	AUTOCROSS - MOWOG 8	MAC	DCTC

@ = MET COUNCIL AUTOX SERIES (MCAS) EVENTS: MAY 4, JUN 22, JUN 29, JUL 13, SEP 14, SEP 21, SEP 28

PCA DRIVER EDUCATION at BIR: APR 25-26, JULY 25-27, SEP 12-14

SCM PRACTICE DAYS at BIR: JUNE 16 & SEPTEMBER 15

SCM CAR SHOW - CARS UNDER THE STARS --VILLAGE CHEVROLET--: AUGUST 9

SCCA RACING EVENTS @ BIR: Regional Races, JULY 5-6, AUG 30-31

ADDITIONAL SCCA SOLO EVENTS: MAY 17-18, WINONA; JUNE 15, LACROSSE; AUG 9-10, WINONA, SEPT 28, LACROSSE

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

CVSCC = CHIPPEWA VALLEY SPORTS CAR CLUB--www.cvscc.org--Contact: STEVE JOHNSON 715-836-0145

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

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: AARON JONGBLOEDT 612-308-6913

SCM = SUBURBAN CORVETTES of MN--www.suburbancorvettesofminnesota.com-Contact: SCOTT HEGSTRAND 612-619-8615 BIR = BRAINERD INTERNATIONAL RACEWAY, BRAINERD, MN

CANTERBURY PARK = CANTERBURY PARK HORSE RACING TRACK, SHAKOPEE, MN

CVTC = CHIPPEWA VALLEY TECHNICAL COLLEGE, EAU CLAIRE, WI

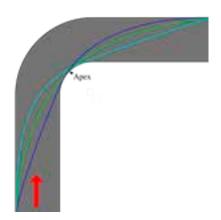
DCTC = DAKOTA COUNTY TECHNICAL COLLEGE, ROSEMOUNT, MN

FOREST CITY, IOWA = WINNEBAGO INDUSTRIES PARKING LOT

VALLEYFAIR = VALLEYFAIR AMUSEMENT PARK, SHAKOPEE, MN

WEST SALEM = LaCROSSE COUNTY FAIRGROUNDS SPEEDWAY, WEST SALEM, WI

WINONA = SOUTHEAST TECHNICAL INSTITUTE, WINONA, MN



# Advertiser's Apex . . . Tom McGlynn, Lakes Sotheby's International Realty



- Company name?
   Lakes Sotheby's International Realty
- 2. Address/phone/email/main contact?

202 Superior Blvd.
Wayzata, MN 55391
612-751-2519
tom.mcglynn@lakesmn.com
Tom McGlynn – Realtor

3. Type of business?

Residential real estate, investment properties and relocation services.

4. Years in business?

For the past seven years, I have been

a realtor focusing on residential and estate properties.

5. Number of years as a Nord Stern member and/or advertiser?

I have been involved in commercial property and management for 25 years. I know where the big garages are located! As a 21-year Lake Minnetonka resident, I have a firm grip on lake area real-estate as well as properties in the western suburbs.

- 6. Why will Nord Stern members be excited to do business with vou?
- 7. My favorite Nord Stern event is ...?



The Loonacy Club Race where I run my '92 USA Cup car. The car was passed down by both my brother Tim and fellow Nord Stern member, Fred Senn.



- 8. My favorite PCA event is ...?

  Old school the Sebring Club
  Race. It's a nice escape from the
  long winters here. It's also where I
  proposed to my wife, Toni. (editor's
  note; And I have a picture of that
- 9. Nord Stern members would be surprised to know that . . . ?

moment and it's PRICELESS!)

I still waterski three mornings a week and after that, I defend my title as a leading seller of new construction homes in the Orono area.

10. When I'm not at the 'shop', you can find me . . . ?

Playing hockey or driving my kid to hockey!





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Nord Stern June 2014 23

# Where We Were – Where We Are – Celebrating 50+ Years of Nord Stern



Here's another issue from the series where full color covers were introduced. Each show's a Nord Sterner's car, often shot from above. A note says "The cover was laser scanned, digitized, stripped and printed by: Spectrum, Inc. Mpls., Mn." I have been told that most were shot on the same day. This month's cover features Rick and Jeanne Moe in his restored 1970 914/6, a 2nd place overall winner at the Afton Concour (see below). The newsletter is packed with technical information.

- Ron Faust

- Business". Back in the day these were the national go to guys on any subject and the tech was an annual affair in Oklahoma.
- The events calendar includes a tour to Bob Johnson's shop when it was still in Altura, MN, followed by an overnight stay at the Anderson House in Wabasha.
- The autocross schedule includes three weekends at BIR and five low speed autocrosses including a Quick Chick's drivers' school and a 6PM to midnight "Night Rider" event at Canterbury Downs.
- cycles for 5 seconds, then 10, then 15, followed by driving with slight pedal pressure for a "short period"? Ferodo pads and Castrol GT LMA were recommended for the track at that time.
- articles. The first explains how to check your speedometer error by measuring the number of seconds between mile markers (should be 60). Also, a two page article explains his trip to driving school at Laguna Seca. He enjoyed lots of seat time in a Formula Ford and recommends it to all serious drivers.
- Sonia "Lead-Foot" Fortier pens another article raving about the Varmint Racing Team experience at Laguna Seca. She was the last driver to relinquish her little formula car.. under protest.
  - Roger Johnson explains how a "g" analyst can make you go faster. It works with a three axis accelerometer and records time too. A "g" is a measure of acceleration defined in feet per second squared, divided by the acceleration of gravity. All this information can replace your "seat of the pants" estimate and show you how well you are doing in the corners. Don't look at it in the middle of Turn 3, however. The physics of the article gets complicated; maybe we should ask Roger to explain it to us?!

### April 1988



- put in a pitch for the War Bonnett (sic) Tech. Speakers included Bruce Anderson on 911's, John Paterek on Detailing and Personalizing, the Jones on Restoration, Harry Pellow\* on 356/912 engines, and Chuck Stoddard on "How Porsche Started in
- Rick Moe of Nurburgring contributes a three page article on brakes, "Keeping on the Pavement". Twenty five years later, it still offers a lot of interesting information on the subject. Who knew the Factory's brake-in recommendations for the Turbo included dozens of braking

## The Scans Continue

• The Market is called "Wozukaufen". The best investment vehicle is a restored 356A coupe, asking price is not included. The worst investment in that issue is a 1984 Audi 5000 for \$9.800.

\* Harry Pellow was the "Maestro" of 356's. He published multiple books and his columns in the 356 Registry were fun even if you never got a drop of motor oil on your hands. I've never read a more entertaining column on the technical stuff about Porsches. His book "Secrets of the Inner Circle" can still be found on Amazon for \$300 to \$700. It's a paperback in vintage typewriter font. His 10 hour VHS tape series on engine take down and rebuild has apparently been converted to DVD but www. maestroslibrary is closed and not taking



orders. Autoweek devoted a full page to Harry Pellow when he died in 2003.



Left, Styling' at the Winter Beater Rally

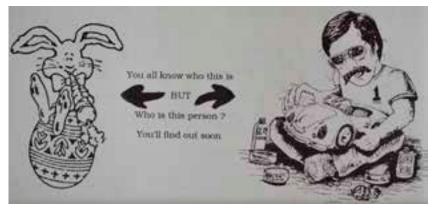


Above, Bill "Vintage Varmint" Sigglekow at Laguna Seca; he shaved seconds off his 356's lap times

Nord Stern June 2014 25

## The Scans Continue

Continued from page 29



Above, Who is this person? We didn't find out.

#### KEEPING ON THE PAVEMENT .....

By: Rick Moe

The braking system of your Porsche is often taken for granted. It seems that we have all been conditioned by the systems reliability. We step on the pedal, the car stops. We do this hundreds of times during a days driving and it is not often that the average driver will ever experience brake problems in everyday driving. In street driving, we generally drive with moderate brake usage. The components of the system are seldom used to the limit and are allowed time to cool down between usage.



Above, The editors added a great figure to Rick Moe's braking article; they must have liked it.



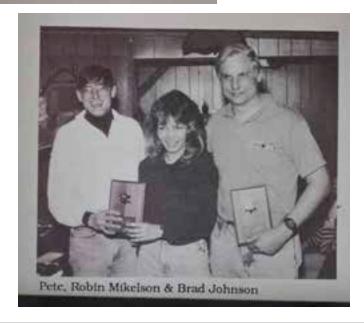


Right< We know that familiar smile (Roger,

age??!!)

Left, Flagrant sexism rears it's ugly head in Nord Stern yet again (or as the editor's puts it: Of course we are!)

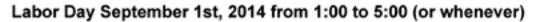
Below, Peter Vickery and more Winter Beater Rally winners







## PICNIC





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



start the fall season!
Join us at:
3321 Vista View Ct SW
Rochester, MN 55902



Call Jeff Boehm at 507-261-9407 with questions







Great Location in SW Rochester! And NO GRAVEL ROADS!



Please RSVP by email or phone to Jeff & BJ Boehm jeffandbj@gmail.com 507-261-9407 (Jeff Cell) By August 24th So we can get a headcount



NORD STERN JUNE 2014 27



No time or money to go on high dollar vintage rallies like the Colorado Grand or California Mille? If so, the "Walleye 1000 Vintage Rally" just might be for you! It's a two day vintage car tour on the back roads of Minnesota and Wisconsin.

Open to interesting classic, sports and grand touring cars, foreign and domestic, model year 1994 and older.

From the patinated to the pristine, from works in progress to completed projects, blue chip collectibles to vintage fright pigs, all are welcome to participate in the old car hijinx and debauchery that will likely unfold during the 3nd Annual "Walleye 1000 Vintage Rally" on the scenic back roads of Minnesota and Wisconsin.

Entry fee is \$249 per vehicle (2 person team, driver + co-driver). Overnight accommodations, finisher's dinner, event T-shirts for all participants and a bunch of other event swag is included, this is a laid back car event on a budget!

Visit the website for event info, sign up for email updates and to download a Participant Application.

www.walleye1000.com

Saturday and Sunday, June 7 and 8, 2014

Contact Event Organizer: Dave Tobin | (651) 216-1265 | dave@daveknowscars.com

"Check your tires, check your oil, check your ego at the starting line and let's go!"

## **Buying a pre-owned Porsche?**

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o, the line isn't mine. Although I wish it was. I came across it, doing a time waste of a search on-line for films where the car is integral to the story... but not what the story is about.

Think Steve McQueen's 911S in the film 'Le Mans'. The story really revolves around the race cars, Porsche 917s and the Ferrari 512s. But the 911 in the opening sequences sets it up. It's the automotive equivalent of a supporting actor. Get the idea?

What got me started on this subject was a film I just saw: Locke.

Never heard of it? You probably have a lot of company. Because it's a small, British film which has been playing art houses. By the time you read this, it will probably have already been relegated to deep-cover searches on iTunes.

Which is too bad. Because the film uses a fascinating narrative device. The entire visual element of the film is of a guy driving his BMW X-5 at night on a motorway in the UK. That's it.

There's more. The film takes place in virtually real time - his entire drive is virtually identical to the running time of the film.

And he's the only actor you actually see.

And the X-5 is perfect. He spends literally the entire picture talking on the speakerphone to various characters you only hear, through the speakers. And that's how the story is told.

It works.

So I started searching around for other films in which the car is an iconic adornment to the theme of the movie. And what I discovered, as if I should have been surprised, is that, like everything else in this wonder world we live in, many have already weighed in with their own

choices... and websites... on this very subject. It figures.

Here's mine.

Locke definitely belongs.

Next? It has to be The Graduate. If for no other reason than the fact that the film kept the Alfa on sale in the US for, what, 20+ years, which was long, long after it should have been relegated to the dump of dated design. Can you say that about any other car... or movie?

How about the Ferrari 250 California in Ferris Bueller's Day Off? Did you wince when it fell into the ravine? It's kinda like watching a protagonist get killed off, isn't it.

Same for the Porsche 928 in 'Risky Business'. With the immortal line, "Who's the U-Boat Commander?"

Then there are the Transporter films, at least the first two, in which Jason Statham deftly manhandles his BMW 735i through Europe. Does he ever take off those string-back driving gloves? I don't remember.

The Aston Martin DB5 that Bond drove in 'Goldfinger'. I mean, please. The knock-off wheel bolts that extended out to shred both tires on one side of the Mustang. The ejector seat that worked. The machine guns. The . . . lines. "Do you expect me to talk?" "No, Mr. Bond, I expect you to die."

Sorry, I digress.

The DeLorean DMC-12 in 'Back to the Future', although it could be disqualified for heavy modification.

The original, British version of 'The Italian Job'. For the Minis. The driving stunts. The double entendre of a cliffhanger, literally, at the end of the film.

How about Steve McQueen's Mustang

in 'Bullitt'? Yes? Well, then, would you include the Mustang named Eleanor in the remake of 'Gone in 60 Seconds'? Is that a cameo role? The car had a lot of company.

Am I getting too serious?

Okay, then. Take the cop Plymouth in 'The Blues Brothers'. Repeat after me: "It's got a cop motor, a 440 cubic inch plant, it's got cop tires, cop suspension, cop shocks. It's a model made before catalytic converters so it'll run good on regular gas. What do you say, is it the new Bluesmobile or what?" "Fix the cigarette lighter."

Let me veer off to the Boob Tube, briefly.

Buzz and Tod's Corvettes in 'Route 66'. The 308 GTS in 'Magnum PI'. The Testa Rossa in Miami Vice.

Do not, I repeat, do not say My Mother the Car. And the same goes for K.I.T.T. in Knight Rider, the General Lee in the 'Dukes of Hazzard' and Herbie in 'The Love Bug.'

The Trans Am in 'Smokey and the Bandit'? Here's my answer. I've never seen more than five minutes of the franchise. And then only because I couldn't find the remote.

What about Raul Julia's Daytona convertible in 'The Gumball Rally'? "And now my friend, the first-a rule of Italian driving." He rips off his rear-view mirror and throws it out of the car. "What's-a behind me is not important."

Any cars in any of the three Cannonball Run movies that followed?

I don't know, and I don't care. The films are embarrassing.

Aah, this is fun. Too bad the closing credits are rolling. I have real work to do.



## Nord Stern 2014 Member 'The Survey Says!'

By Michele Deml Johnson, Jill Daneu, with technical assistance from David Anderson

Thank you for helping to make Nord Stern's first member survey a success! We recorded a 29% response rate and found the responses to be eye-opening and insightful. Overall, we were pleased with the participation rate, feedback and excellent ideas that were shared.

As mentioned in Nord Stern's April president's column, the Club recognizes that many or our activities have a strong track orientation. Yet, we do offer a variety of other member events. Many respondents accurately noted that most events are scheduled in and around the Twin Cities metro. This reflects the fact that most members and volunteers are concentrated in this area. However, with your help, we hope to offer events outside of the Twin Cities metro. Contact volunteer@nordstern.org to help us accomplish this important task!

#### **Summary Results**

Overall, the feedback was overwhelmingly positive, with 84% responding that Nord Stern offers an appealing array of activities. Yet, over half of the survey respondents felt there should be more social events.

In response to the question, "Specifically, I would like to see social events such as," there were many worthwhile comments. Feedback ranged from casual gatherings at members' homes and happy hours to theater nights and more frequent group drives.

#### Summary of the activities comments

One respondent commented that this is a car club rather than a social club and that Nord Stern should stay focused on the cars. While that may be true for some, the people are an important element of both Nord Stern and PCA, as the above list shows and many of you have experienced and expressed firsthand.

Sixty-five percent of respondents indicated that they wanted Nord Stern

to offer more drives. In recent years, our drives have all been filled to capacity. We hope to offer more drives in upcoming seasons. Club leadership is working to identify additional eventmasters to help plan additional drives. Keep your eyes on the Nord Stern schedule to see when new drives are listed.

#### **Tech Sessions**

Based on survey results, there appears to be a great deal of interest in tech sessions. Two-thirds of respondents stated that they have found past tech sessions to be informative and beneficial. They also indicated they would attend them in the future. This corresponded with many respondents listing tech sessions as a "social event" that Nord Stern should offer more frequently.

When members were asked what they would like to have addressed at future tech sessions, the range of topics was broader and somewhat different than those for social events. The top topics included:

- More sessions on routine, preventative maintenance (21)
- Suspension-related topics such as alignment set ups, shocks and bearings & bushings (7)
- DIY session on oil changes (5)
- Winterizing your car (5)
- Tires and tire pressures (4)
- Brakes (3)

In addition to these topics, there were people interested in detailing, preparing their car for track events, IMS bearings, and several who wanted to have an opportunity to view new Porsche models. Each of these is a tech sessions Nord Stern has planned or offered in 2014, so we were in synch with our membership even before the survey.

Other suggestions including sessions on audio updates, offering tech sessions based upon the vintage of the Porsche with an emphasis on older makes, touring interesting businesses of Nord Stern members and an assortment other great ideas. One person even suggested we offer a continuing education program through Nord Stern! If you have suggestions or would like to conduct a tech session, please contact Keith Fritze at techsessions@nordstern.org.

#### **Future Nord Stern Events**

Eighty-one percent said they are definitely or very likely to attend a future Nord Stern event. Over half of the respondents would not participate in an autocross or timed runs if offered.

Nord Stern members had a variety of suggestions to help increase member satisfaction and participation in activities. There were a number of positive comments about the great members we have, the volunteers who make the events happen and recognition that the club is "all about the people." Offering more social events was a recurring theme. Several respondents suggested we introduce a buddy system to help sponsor new members. This system would help welcome new members into Nord Stern and encourage their participation in a variety of activities, while making them feel at home. We will be evaluating how to introduce this program. In addition, a suggestion was made to have an official greeter at Nord Stern functions.

#### **Club Communication**

Several comments were made about how communication could be improved. As we know, communicating is always a challenge and is especially tough in volunteer organizations. Nord Stern is no exception. Our first Member Survey survey provided great insight into areas in which we can improve. Our new website is about to go live and has many enhancements. Our nationally recognized and award-winning monthly newsletter

Continued on page 44

## Cars for Courage - An Extravaganza of Porsches

by Phil Saari, Eventmaster

The Annual All Porsche Show sponsored by the Nord Stern Region of the Porsche Club of America will be Sunday, June 29 from 10 a.m. to 1 p.m. Once again, it will be held in the City of Roseville's Central Park, Dale Street entrance. The All Porsche Show is one of the featured events of Roseville's annual summer celebration Rosefest which is week-long series of events. It's a great location with lots of parking for everyone and lots of foot traffic by both club members and those drawn in to see all our wonderful cars.

This year's theme is "Cars for Courage (Center) - An Extravaganza of Porsches." Our goal is to fill Central Park with as many Porsches as we can for the

benefit of Courage Center. All Porsche owners bringing their cars will be asked to for a \$20 donation - 100% of all donations go directly to Courage Center. Nord Stern has donated nearly \$500,000 to Courage Center over the years from the proceeds of the numerous events hosted with a charitable component - such as our annual All Porsche Show!

In conjunction with this year's All Porsche Show there will be an additional Concours component for anyone interested in having their car (or cars!) judged. A designated area will be provided for the Concours participants. A team of judges will evaluate and judge the cars, with winners receiving a certificate from Nord Stern in recognition of their work and efforts.

If interested in having your car(s) judged and/or are willing to help judge, just email Dale Trippler at: daletrippler@ comcast net for further information. A minimum of 10 cars is required to hold the Concours element so get your info to Dale now (registration form included in this issue of the newsletter).

Other than the suggested \$20 donation asked of all cars participating in the All Porsche Show, there will be no additional fees charged for the Concours.

So mark your calendar for June 29 and drive on over to Central Park in Roseville (Dale St. north of Hwy 36) and be a part of on very fun Porsche event



# Nord Stern's Annual All Porsche Show Cars for Courage: An Extravaganva of Porsches Sunday, June 29!

Date: The Nord Stern All Porsche Show will be Sunday, June 29

Time: 10 a.m. to 1 p.m.

Location: Roseville's Central Park

All years and models of Porsche are invited to participate in the All Porsche Show which has made it the largest display of Porsche automobiles in the Upper Midwest. Last year there were over 160 Porsches participating!

Bring your car, bring your walking shoes - enjoy a fine display of vehicles in a great park setting! Questions, comments and or suggestions email Phil at ps356er@yahoo.com

## Nord Stern May Business Meeting Minutes

by Betsey Porter, Secretary

President – Dave Anderson called the meeting to order at 7 p.m. and reported:

Zone 10 Presidents meeting in Des Moines last month went well. Regional membership is declining. Nord Stern is down approximately 1.6%. PCA will be rebating Nord Stern \$7.50 per member this year from PCA dues. Planning a Fall meeting with Dakota Region officers

Dave working on an update to our NS tri-fold brochure. After some tweaks it will be printed and ready to hand out. Bret suggested making some room for advertiser's logos and letting them hand them out as well.

First Fling went very well. Weather could have been better on Sunday but was perfection on Saturday.

Dent Kraft event went well. 80-100 people attended.

Glacier Lakes Audi Club event this weekend. Dave worked with them so that NS members could attend. Might try and collaborate on more events in the future.

Attended Auto Vault Grand Opening open house in Eagan. They are a new advertiser as of June. They area "full-service" car storage facility. They also offer an airport parking package for \$22 that includes transportation to the airport, a car wash and upon your return, brings your car to the airport. They are interested in hosting a tech session in June with brunch and their Macan!

Looking at having a mini-Fall Color Tour: Southwest Edition. TBD

Dave read an email from a member who reactivated his membership and attended First Fling and had a GREAT TIME! Would like to become a volunteer as well.

#### Treasurer - Jeff Bluhm

No report

#### **Social Committee**

No report

#### Advertising - Jill Daneu

New advertise for June: Autopia (aka European Auto Works). We now have 35 advertisers!! We have now featured 27 in the Advertiser's Apex column since July 2012. Once all have been featured, we will update questions and start over again.

#### Newsletter - Christie Boeder

June is nearly ready to go to press

Going to ask for a quote on going full-color, then talk to advertisers based on quote. Kansas City Region has an online newsletter that is interactive with embedded video and pages that flip – kcpca.org. There is discussion about looking into the cost/benefit of doing this type of electronic version. In the process of getting the May issue pdf online. Our website may have been affected by the updates to PCA's. There are also some issues with posting our content to PCA's website, no access currently.

## Webmaster – Mark Kedrowski

No report

#### Membership – Ed Vazquez

New PCA website went live May 7. Members have to log on and are required to change their existing passwords.

Ed can now run his own membership reports with the new PCA website. Several kinds of reports are available.

New member events were VERY successful signing new members! Ed would like to hold regional mini meetings this year: St Paul, Rochester, More?

### Autocross – Harvey Robideau

No report

#### **Board of Directors**

No report

## Met Council – Bob Kosky

No report

#### Charity - open position

Keith Jones will handle this year's auctions at the Club Race, but then will need to find a replacement.

## **Insurance – Michele Deml Johnson**No update

#### Club Race - Doug Anderson

Porsche of Minneapolis will supply the pace car and some merchandise for auction. Doug will have a conference call this week with national officials.

The application has been approved by PCA.

944 Cup cars have been invited to attend and will have their own race within our race via a split start.

Corner worker situation is being resolved.

New PCA fire suppression guidelines are being addressed.

#### **Driver Education – Steve Meydell**

Still looking for an eventmaster for Last Fling. First Fling went well.

## Track Relations – Jim Bahner

No report

### Driver Education Registrar - Dave Anderson

First Fling went well. No issues

## **Driver's Training – Ron Johnson**

No report

Touring & Drives – Mike Lancial & Randy Walker

No report

Rally – Lon Tusler

Will be scheduling a rally late summer or fall. He would like to have four regional co-chairs to help organize drives.

## All Porsche Show – Phil Saari

No report

#### Fall Color Tour - John/Suzanne Dixon

Planning meeting in June. Boeders and Daneus will assist as the Dixons have an event to attend on Saturday night.

#### Safety - Paul Ingebritson

First Fling was incident free!

Made the decision to automatically switch to the short track in inclement weather. Will need to have mandatory driver's meetings Sunday mornings if bad weather is forecasted.

Not much is needed from Safety at Road America except for bringing the paperwork.

#### **Shop relations - Keith Fritze**

Imola still wants to host a tech session now that they have moved

PCA Zone 10 Rep – Kim Fritze No report

Old business

### 2015 Escape – Jim and Arlyss

PCA is getting more involved. Things are moving right along!

## Member Survey – Michele Deml Johnson and Jill Daneu

We got a 29% response rate, we are very pleased as that's above average!

There were several key themes and those will be highlighted them all in an article in the newsletter, followed by a Q&A section going forward to answer specific comments in

the survey.

Communication needs improvement

Drives and Socials are very popular

**New Business** 

There being none, the meeting adjourned at 8:59 pm

Respectfully submitted, Betsey Porter, Secretary







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NORD STERN JUNE 2014 33

## Book Reviews for Porschephiles . . . Porsche 924, 944 & 968

by Reg May, published by Veloce Publishing Limited, dorchester, England

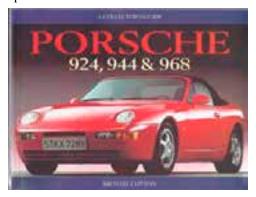
Reviewed by Bruce Herrington, Orange Coast Region, Courtsey Grand Prix Region PCA, The Circuit

The name Michael Cotton should be familiar to Panorama readers. His column European Windows has been a Pano feature for many years.

This book is an old book, first published in 1990, then revised and expanded in 2000. By being old, it is not out of date, but rather current to its subject matter. If you are at all interested in the subjects with which it deals, it is a must have book. It is not a shop manual, but rather a documentary of the design and development of these, the first of the Porsche water-pumpers. This book makes clear that these cars are indeed Porsches through and through, despite their unique, front-engineed, water-cooled character. There are many pictures with extensive captions but, unlike most books where the captions support the pictures, here the pictures serve to support the comprehensive and informative captions.

The author provides a great deal of detail (including tables of specifications) and describes variants that this 924 enthusiast had never heard of before, such as the special series of 924s prepared in the late '70s to run on methanol as part of German government alternative fuels program. There is even discussion of the ramifications of the Turbo route to more power for the 924 – turbo boost required stronger crank, rods and pistons, adding weight to the front. But extra power required a stronger gear-box at the rear - but the stronger Porsche box was lighter than the Audi box, reducing weight at the rear. These changes upset the balance of the car, necessitating changes in suspension. Another interesting story came out of the analysis of why the 924 Turbo did so outstandingly in tens of

thousands of miles of factory supported testing, and had so many problems after sale - this time it was the damn doctors, not the damn lawyers who were responsible. Who would have thought that in the 1981 Le Mans race, the award for the finisher that spent the least time in the pits went to the 924!



The 924S, so prevalent in Southern California, (compared to the 924), is barely treated as a footnote to the 924 story. That may be appropriate considering world-wide production numbers, but production numbers are not specifically included. This is, after all, a Collector's Guide (a role it fills very well) with detailed narrative descriptions of model/year changes and how they came about. It is more about the design history of the cars than their performance. Even the chapter on racing tells more about the modifications made, their rationale and effects, than about results in specific races. There are appendices that give technical specs and performance figures, but the specs are presented in more of a narrative form than traditional tables of specifications.

Some may remember that the Speedster was created in response to American influence. Interestingly, the 944 body (as distinct from that of the 924) was

strictly a result of American influence, albeit of a different kind. Despite the American predilection for front-engineed water pumpers (in V-8 form, at least) the 944 was always a bastard step-child of a Porsche in American eyes. Yet, after 18 years of 911 production, the 944 was the fastest selling Porsche ever during its introduction year of 1982.

**PORSCHE 924, 944, 968** is an old book, and it looks old, with an archaic typeface, and the many pictures and illustrations are black & white. But, the information is current and timely to the vehicles described, and provides an immense amount of fascinating detail about these unique cars. With 144, 7-1/4 by 9-1/2 inch pages, 7 Chapters (including one on "Buying a used four-cylinder [water cooled] Porsche"), this is a book every 924-968 owner should have.

If not yet fascinated by the history of this special branch of the Porsche family tree, this book will make you so. Porsche 924, **944 & 968** should be available for \$22.95 from your favorite bookseller (ask for it), or from http://www.Motorbooks.com.



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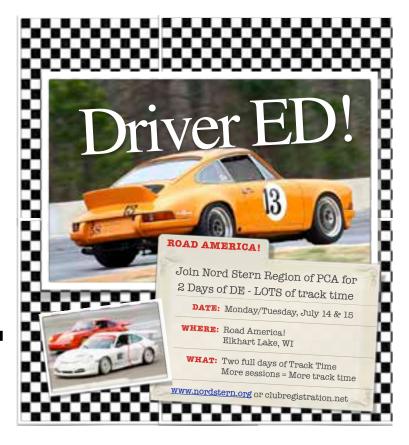
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I would like to thank all of you who have supported the Nurburgring, Inc. through the years.

Rick Moe nurburgring, inc. dasring.com

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## First Timers Guide to preparing for a Concours

By Bev Gould, Courtesy PCA Newsletter Editor

"... You are going to clean just about everything that is visible and then some..."

Have you thought about entering your car in a Concours? That is great news and I want to give you a few hints on how to prepare for entering your first Concours.

In Northern and Southern California, the two PCA Zones run a series for Concours competition. I am not sure how other parts of the country run their Concours. However what I am going to talk about is pretty universal as far as prepping your car for the first time. I am going to give you the simple approach to get you started.

After you have prepped your car and entered it for the first time, you'll want to know more about what product we recommend, this can be a long list as products change and just about everyone has an opinion.

First look at the car classifications that are offered for the event you are interested in entering. I would choose the entry level class, like Wash & Shine. In Wash & Shine, only the exterior and interior are judged. It is easier than having to clean the trunk and engine as well, this could be a bit overwhelming if you are just getting started.

For the exterior, wash the car thoroughly. This includes the wheels, bumpers, paint, windows, headlights, tires, fog lights & valance. Make sure you do not leave any water spots. To reduce water spotting, use distilled water for washing and rinsing, if you do not have distilled water around; make sure you wash the car in segments. This way you can dry it off quickly to reduce spotting.

You also want to polish the car. If your Porsche sits out all the time, then you will want to wax it, if not – a good polish will make your car sparkle. Make sure you get the entire wax/polish residue off the paint, rubber and crevices. You can use a soft bristled brush or tooth brush to remove the

excess wax or polish stuck on the rubber or crevice. It will break loose and create a fine dust. Don't wipe this stuff with a rag; it will just move it somewhere else. You are better off using a very soft bristled brush or air to whisk the dust away.

On your wheels, make sure they are cleaned and polished. Clean off the sidewalls, using Simple Green or some other cleaner to remove any excess tire dressing or grime. Use a soft bristled brush to scrub the tires with cleaner. You will want to be able to rub your fingers across the sidewalls without your fingers turning black or brown. On the wheels themselves, polish them, clean around the lug nuts, as this is an area judges particularly love to check. Then make sure you don't have any excess polish along the rim or lug nut area. Don't put a dressing on the wheels, this stuff just picks up more dirt from the road. You don't have to clean the wheel wells for a Concours, but it is a good idea to do so, as it makes the overall presentation of the car look better.

Now that you are done with the exterior, it looks pretty darn good huh? Take a few photos, it is fun to chronicle your efforts and share them with your friends.

The next area to clean for a 'Wash & Shine Class' is the Interior. You are going to clean just about everything that is visible and then some. I will try to point you through the basics to get you through your first Concours, but this area does require attention to detail. First clean the windows, why first, well you will have to climb in the car to clean them. When you do this you also bring in with you dirt and debris from the outside or your shoes. I'll be honest, I hate cleaning the windows, finding a good streak free cleaner is a lot of trial and error. I have found that a





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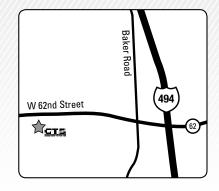
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Editor's Note: PCA has released copies of prior Parade Tech Quiz questions and answers for editors to share and challenge members on THEIR tech knowledge. The questions cover the various Porsche models, history, etc. I plan on including about 30 questions in upcoming issues in a very random sequence Also, the source for each Q&A is included. Answers at the end but hopefully readers will try first before peeking!



- 1. Pictured at the old Solitude race course, who is the Porsche racing driver beside the Type 718 W-RS Spyder?
- a. Sascha Maassen
- b. Lucas Luhr
- c. Patrick Long
- d. Manny Alban

Porsche Panorama November 2102 pg. 18

- 2. The film Bullitt, known for the famous car chase between a Mustang and a Dodge Charger also featured what model Porsche.
- a. 356 coupe
- b. 912
- c. 911
- d. 356 cabriolet

A French Kiss with Death pg.72

- 3. The Sportomatic transmission introduced in July 1967 married a hydraulic torque converter to a Porsche 5-speed transmission.
- a. True
- b. False

Excellence was Expected Vol 1 pg. 388



- 4. Pictured above is the extremely rare, lightweight, 356 Pre-A competition seat.
- True
- b. False

Porsche Panorama August 2012 pg. 24

- 5. Porsche factory's mainstay for hillclimb efforts in 1965, the "Ollon Villars" Spyder used wheels, tires and suspension pieces from a Elva sports racer.
- a. True
- b. False

Porsche Panorama July 2012 pg 38

- 6. The T-7 body styled by Butzi Porsche for the type 695 prototype had 2+2 seating.
- a. True
- b. False

Excellence was Expected Vol 1 pg. 335

- 7. By 1965 almost twice as many 912's were sold than 911's.
- a. True
- b. False

Excellence was Expected Vol 1 pg. 350

- 8. The race car with the lowest aerodynamic drag that Porsche was to produce is the \_\_\_\_\_.
- a. 907L
- b. 917LH
- c. 936
- d. 911L

Excellence was Expected Vol 1 pg. 409

9. Unfortunately an actual 917 was destroyed to film Steve McQueen's "shunt" in LeMans.

- a. True
- b. False

A French Kiss with Death pg.387

- 10. In 1984 Niki Lauda won the Formula One drivers title in a McLaren with a Porsche built TAG V8 engine.
- a. True
- b. False

Excellence was Expected Vol 3 pg.1059



- 11. Pictured is Bob Garretson who finished 6th at LeMans in 1981. What model is the car?
- a. 935K2
- b. 936
- c. 935K3
- d. 956

Porsche Panorama October 2012 pg.43

### In honor of Bruce Anderson the next ten General questions come from his responses to readers.

- 12. The real advantage of filling a passenger car tire with Nitrogen over Oxygen is that it . .
- a. prevents oxidation on the wheel
- b. prevents the rubber from turning brown
- c. reduces pressure loss
- d. costs less money to fill *Excellence May 2013 pg. 30*
- 13. In a sports car low polar moment is desired and achieved by placing the heaviest components (engine, transmission, fuel tank, major structural pieces) as close as possible to the outer edges of the car.
- a. True
- b. False

Excellence May 2013 pg. 30





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14. To properly check the oil level on an air cooled 911 it is necessary to run the engine long enough to achieve 176 degrees F at which point the car should idle on level ground for

- a. 30 seconds
- b. 60 seconds
- c. 1 minute
- d. 2 minutes

Excellence May 2013 pg. 38

- 15. Bruce Anderson recommends the following precaution to minimize M97 engine intermediate shaft (IMS) bearing failure.
- a. Change the oil and filter every 3000 -5000 miles.
- b. Install a magnetic oil drain plug
- c. Remove the engine every 20,000 miles
- d. Both a and b.

Excellence April 2013 pg.28

- 16. Motor oils consist of two parts: the base stock oil representing 60% of the mix and additives the remaining 40%.
- a. True
- b. False

Excellence February 2013 pg.24

- 17. For cleaning Fuch's wheels Porsche recommends an acid-free cleaning product with a ph value of 10.
- a. True
- b. False

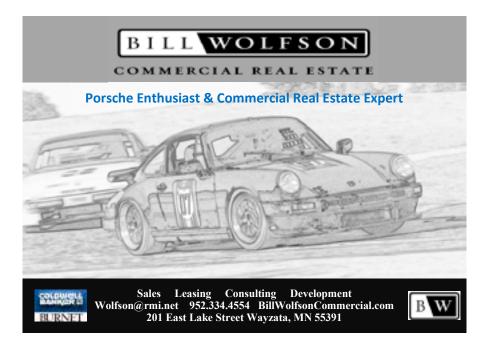
Excellence December 2012 pg. 52

- 18. The largest electrical demand in the whole car is the starter.
- a. True
- b. False

Excellence June 2011 pg 36

- 19. As a rule, cars with a bad voltage regulator \_\_\_\_\_ the electrical system while car's with a bad alternator \_\_\_\_\_ the electrical system.
- a. undercharge overcharge
- b. overcharge undercharge

Excellence November 2012 pg. 38



- 20. To test whether you have the correct silicon-magnesium "crush washers" when rebuilding your 911engine the washer should compress when torqued to 15lb-ft.
- a. True
- b. False

Excellence November 2012 pg. 46

- 21. "Carrera" is the correct spelling for the white color offered on 2011 Porsches
- a. True
- b. False

Excellence June 2011 pg 56

22.

was responsible for the design of the "ducktail".

- a. Ernst Fuhrmann
- b. Tilman Brodbeck
- c. Ulrich Bez
- d. Robert Goddard

Excellence December 2012 pg 100

- 23. In 1973 Porsche claimed the first overall victory in the Targa Florio with a Carrera RSR prototype with what distinctive feature?
- a. No paint
- b. Targa body
- c. "Mary Stuart" rear spoiler
- d. Right hand drive

Porsche Panorama November 2012 pg. 38

- 24. An over-center clutch pedal helper spring was installed on a 1973 911 T.
- a. True
- b. False

Excellence November 2012 pg.52

- 25. The amount of fuel injected by a Bosch mechanical fuel injection unit was controlled by a
- a. thermostat
- b. barometric compensator
- c. cold-start enrichment solenoid
- d. all of the above

Porsche 911 - Collector's Originality Guide pg. 29

- 26. What do Type 745, Type 821 have in common?
- a. Experimental transmissions
- b. Aircraft engines
- c. Experimental engines

Excellence was Expected Vol. 1 pg. 341

- 27. Higher compression ratios for the 1972 911 engine allowed the use of regular gas.
- a. True
- b. False

Excellence was Expected Vol 2 pg 552

28. 930 #0001 the first production 911 Turbo

- a. was converted to a 911 Turbo RSR
- b. was a 70th birthday present to Louise Piech.
- c. both a and b
- d. none of the above.

Excellence November 2012 pg.65

Continued on page 46

### Concours

continued from page 36

solution of Distilled water and rubbing alcohol works best with a micro fiber towel.

Now that the windows are done, the next to clean is the upholstery. If you have leather seats, get a good leather cleaner and conditioner. I have used a few of them, but recently have been using Connoly's Hide Care. The important thing with Leather interior is to keep the leather conditioned, so it does not dry out and crack. If you upholstery has seams, make sure you clean these as well. Dirt and dust collects in the crevices. Use a soft bristled brush or toothbrush to clean these out. Clean the seat belt handles, if these are chrome, chrome cleaners like Wenol or Mothers will polish them up. Next area is the dash, instruments, glove box and steering column. Make sure these are all clean of dust and dirt. If the dash is leather, it is important to condition this as well. Make sure you clean the vents and defroster vents. Take an old soft cotton sock and use it like a glove, it works great to pick up loose dust and dirt. Spray a bit of water on the glove to make it slightly damp, and it will pick up the dust and dirt without depositing it somewhere else in the interior. One area many people forget about cleaning is under the dash – I know you are say WHAT, under the dash. But think about it, it gets just as dirty and dusty under there as anywhere else on the car. The stuff over time can build up and is just yucky. It also can get on the carpet or affect those with allergies if not removed. Use the sock method I mentioned before and it will clean it up - judges love to look in this area. Another favorite spot for the judges (mine too) is the door latches, these get really dirty over time, you can clean these with WD40 and they turn out great. I do not lubricate mine except with WD40, but if you want to lubricate the latches, make sure the lubricant is clean. When this lubricant gets dirty it becomes abrasive. Don't forget to clean the console

or door pockets, if you have them, they should be dust/dirt free and empty when you show the car.

Now we move onto the carpets and flooring. First, a good vacuuming is required. This includes along the edges of the carpet, under the mats if removable, etc.. Use a crevice tool to get those narrow or hard to reach areas. If your carpet is spotted with dirt, you should shampoo this out if possible. Don't get the carpet too wet when shampooing and allow it to dry before the show.

The day of the show, bring sunscreen, hat, sunglasses, beverages, chair and a mat. You will also want to bring some of your cleaning supplies and tools to do touch up work once you are at the show.

These are the basics; we can go into a lot more detail on how to prep an automobile for a Concours. If you take your car to a detailer first, you will still want to go through some of the steps above.

I have been showing my 1970 911E for the last 15 years +. My car had been raced, toured and rallied for years, so I know how tough it can seem to get started. But I have enjoyed seeing how the car has improved over the years and it is an award winning automobile. Once you get it clean, it is not that difficult to keep it clean. I will try to write and article every month or so to give you some tips I have come up with. I am also asking some friends of mine to write a few tips as well. We will post these in Tips & Tricks section of www.tcsgarage.com website, which is owned by my husband Tom and myself. If you have any questions, you can reach me at bev@tcsgarage.com.

Here is little check list for both the exterior and interior to get you started – Good Luck.

- Windows
- Valance
- Rubber Trim
- Lights
- Bumpers
- Vents

#### **INTERIOR**

- Windows
- Upholstery
- · Upholstery seams
- Dash
- · Steering column
- Instruments
- Glove Box & Door Pockets
- Vacuum
- Carpets
- Vents

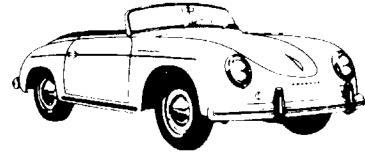
Bev Gould has been involved in PCA for over 30 years. She is the former Zone 8 Representative for PCA and has held many positions within the club. Her 1970 911E has won many awards in both PCA and Non PCA Concours d' Elegance shows. Bev is Vice President of TC's Garage which she owns together with her husband Tom and can be reached at bev@tcsgarage.com.

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#### **EXTERIOR**

- Wash Car
- Polish if Needed
- Clean Wheels
- Lug Nuts



Nord Stern June 2014

continued from page 30

is a great source of detailed information about the club and is available both online and in print. And there is always Club Talk for timely information ranging from current events to topics like which tires are the best (never a consensus on this one!) Lastly, don't forget about the Nord Stern Facebook site.

#### **Fall Color Tour**

Survey respondents were asked for suggestions about places of interest to visit during the Fall Color Tour. Once again a plethora of suggestions were offered – thank you! The responses will be shared with our event master, John Dixon, as he plans the 2014 event, and considers future tours.

For over 20 years, the Fall Color Tour has been based out of Bluefin Bay in Tofte. Some of the respondents suggested alternate locations in the state of in Wisconsin and Iowa. Nord Stern will consider these when planning future driving events.

When asked about Fall Color Tour attendance, responses were as follows:

- Attended or plan to attend the Fall Color Tour (37)
- Have not yet attended (42)
- Don't plan to attend (23)
- When asked about crossing into Canada for lunch, responses were as follows:
- Go with the group to Canada (42)
- Not sure (41)
- Remain in the US (16)

#### Summary

We appreciate those of you who provided your name and contact information as potential volunteers. We will be in touch. Contact volunteer@nordstern.org if you are interest in volunteering or getting involved in a Nord Stern event .

Again, thank you for your feedback and input. We sincerely appreciate and welcome comments at any time.

CATEGORY	DESCRIPTION # OF PEOPLE SUGGEST	ING
Drives	Casual to organized, including one suggestion to drive all of Route 66!	27
Tech Sessions	Assorted topics include touring members' garages, viewing new Porsche models, examining vintage Porsches, attending swap meets, detailing clinics.	
Gatherings	The words gathering and happy hour were used repeatedly; locations were not specified although members' homes were suggested (no one volunteered!)	10
NS Cars & Coffee	Building off the success of the national and local Cars & Coffee model, we should create a Nord Stern monthly gathering.	10
Rallies	Both traditional and gimmick rallies were requested, with several people suggesting that the rallies always include dinners.	9
Dinners/Theater		
Outings	More elegant events, not as formal as the holiday party. A reason to gather and be together.	8
Picnics	Spring and summer – many suggestions built upon the success of the Rochester Labor Day picnic.	4
Casual Car Shows	People want a reason to view and show cars, not a Concours, but a place to see our great vehicles.	3
Attend Car-Related Events	Attend together, share in the fun	2



Above, photo by Keith Fritze at the recent Dent Kraft Open House.

Lots of serious watching!



# Classifieds

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 10<sup>th</sup> of the month prior to publication date: editor@nordstern.org.

#### 2002 Porsche Boxster S

VIN: WPOCB298X2U662501, 3.2L engine/250hp/6-speed Manual. Sport Package (Wind deflector, Cruise Control, AM/FM/



CD). Black (L041) with Savannah Beige (Partial) Leather interior, Black Convertible top, 28,xxx miles. I am the 3rd owner. Second owner was PCA member/instructor out of

Chicago. Clean Carfax, upgrades include muffler to a more aggressive sounding one, Cayman spoiler, painted air intakes silver color to offset the black body, Billet Aluminum spin-on oil filter by LN, Billet aluminum Magnetic oil drain plug by LN, 160F Low temp Thermostat, H&R Sport Springs, Bra, Aftermarket (Kenwood) stereo with iPod integration, Original radio included. Michelin Sport Pilot Tires (September 2012/5,000 Mi). Maintained recently at Imola. New water pump (2013), torn CV boot replaced and tie-rod ends, Very good to excellent condition, defects I'm aware of: drivers side seat bolster showing some wear, Boxster S logo on trunk missing a bit of the "S", small ripple in convertible top, smudge on carpet behind driver's seat. KBB "Very Good" price is \$18,500, car is borderline excellent - needs nothing. Contact Tom Niccum, 651.269.3600, tniccum@gmail.com for more pictures. \$17,900.

#### 914 Autocross/Vintage race car

Bought from Ed Mayo in 2005 (Tech Q/A writer in Panorama) built late 90's, FTD at the Lake Placid Porsche Parade. The car was tired and needed a lot of work, engine, suspension, paint, wheels and brakes etc. Rebuilt at Auto



Edge. I renamed the car the Yellow Jacket after a pearl yellow paint was applied with new fiberglass hood, deck lid, GT flares so we could add 15" x 10" Keizer wheels (almost 7 lbs lighter than 15 x 8 Fuchs) we added new front and rear suspension, shocks, installed new Boxster brakes up front with 911 SC in the rear. The engine ran a short time, needed work, ordered a 3.0 liter dry sump that could set lower in the car from Fat Performance, lots of power and torque, it has a hour meter with less than 5 hours on it, dry sump is a 16 qt oil system and has a accusump, the engine has 234 ft lbs of torque at 4000 RPM, cost of the engine and installation was just over \$24,000. Car is very light and fast, weight is 1608 Lbs wet, Car comes with a 20' v-nose enclosed trailer, it has two side doors, electric inside, a wench and lots of Pit Products installed. I have close to 60K in the car and trailer, due to health change, asking

\$10,500 for both car and trailer. Rob Mossinghoff at robmsales@gmail or call 952 435 1884.

#### 1991 944S2 Cabriolet.

Have owned for the past 13 years. White with blue top and blue Porsche script interior. 5 speed manual. Kenwood audio system with large sub woofer. 109,000 well maintained miles (lots of receipts). New tires, less than 1,000 miles. Exterior



and interior not 100% perfect, but in great shape for mileage and age of car. Car still turns heads and gets many compliments. Time to move to the Carrera, so the S2 must go. Asking \$10,500. Contact Jeff Bluhm at 612-270-4808 or email at jjbluhm@comcast.net for information and pictures.

#### 1987 944

Black with black interior, 5 Speed, ABS, 156,000 miles, clean example for its age and miles. Maintained at local shops to meet DE tech inspection annually since 2000, records available, but I have only made it to about one event per year. The only track upgrade was a set of turbo sway bards, the rest is stock. Comes with the original 15" phone dials with Toyo R888's, and a set of 17x7 and 17x9 C2 Turbo replicas with street tires. \$4900. Arden Olson 612-803-5550.

#### **2002 996 Cabriolet**

Very well-maintained, Lapis Blue Metallic, Clean CARFAX with 53,700 miles. Stored winters, covered, in heated workshop. Recent service performed at Auto Edge: replaced IMS bearing, clutch and flywheel. It was reported that front and rear brakes have 50% remaining life. Serpentine belt and Michelin Pilot Sport tires were installed at Saint Paul Porsche. Unique features include: blue seat belts, white gauges and exterior-matching, painted blue center console. The grey interior is cool in the summer while driving with the top down. This car needs nothing and is a complete joy to drive. Price \$29,000, which includes matching blue hard top. Contact Dale, 651.343.2057 or dalekendra@comcast.net.

#### 1983 911 SC

Red with black leather interior. All original, with all records. Original user manual. 1983 Porsche brochure in plastic jacket. Original tool kit in case with original tire pressure gauge in the leather case. Includes bra, factory floor mats and side mirror covers. Hard top with sunroof. We are not the original owners. 103,210 miles, receipts of \$4,845 for complete tuneup and brakes done last year at Foreign Affairs in St. Louis Park. \$24,900. Contact Joe Pryor, 608.790.2152 or jp.pryor@yahoo.com.

912 Wanted

Gary Greiner, 218-348-1849, email: gtgreiner@gmail.com.

#### Wanted for 1971 911 project

Chrome trim next to the door windows (on outside) - both sides, chrome trim under the rear quarter windows - both sides, three prong Fuchs center caps - any condition, any other exterior/interior chrome pieces that will be likely better than I have now. Phil Saari, 651-260-5665 or ps356er@yahoo.com

#### 996 '03 spec to '05

Motor rebuilt by Autometrics, Transmission rebuilt by autometrics, time on both approx 40 hrs, Car won 2012 PCA GTC3 national

Continued on page 46

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points race: 1st in class 2013 Sebring: 1st in class 2013 Road America. Asking \$60,000. Jerry Greene, email: jgmotorsports@msn.com.

#### **2004 Porsche 911 C4S**

56,100 Miles, unique slate blue exterior with black leather interior All the usual extras: sunroof, 6 speed manual, heated seats, etc Engine rebuilt and clutch installed by Courtney Truck Service at 51,000 miles as the result of IMS failure. New Michelin Pilot Sports installed at 55,000 miles. Stored and not driven in winter. Price: \$37,500. Tons of photos available. Located in the western suburbs. Offered to NS members first before posting on other websites Contact Tom Judd 612-554-6381 or email to tjudd@fredlaw.com.

#### 1986 Porsche 944 Turbo for Sale

Very nice clean 2 owner car! 120,000 miles. Non-smoker. No winters since 1989. Copenhagen Blue, black interior. Alpine AM/FM/CD player. Nakamichi power amp. European driving lights. Progressive rate springs in front, stock rear. 968 m030 front sway bar, Weltmeister 19mm adjustable bar in rear. Corner balanced by Autoedge. Autothority 2.5 chipset. Limited slip differential. Well maintained by owner, Maplewood Imports and Autoedge. Recent cam and balance belt, water pump and radiator replacement. Asking \$9,500 with HRE 17" with Michelin Pilot Sport PS2 tires as pictured above. Also have original phone dials for sale. Jim DeBenedet 651-483-1006 (home) or 651-402-0356 (cell). Also have Recaro clubman seat, Weltmeister front sway bar, set of Weltmeister front springs, TIF 7000 digital tire thermometer, and a G-Anylist for sale. Best reasonable offer.

#### For Sale

955 Cayenne Genuine Porsche Part OEM Black Cargo Box Locking Carrier, Roof Mounted, Porsche logo. New. Never used. Porsche Roof Transport System 955 2003-2010 Genuine Porsche Part OEM Aluminum Silver Finish Roof Rails New. Never used. Sold together \$700, Contact Mary Longfellow. 651.238.8811.

#### Winter Wheel Set from 996 C4

FT 225/45 R17 Blizzaks mounted on Carrera Cup I style 7.5" et 52 wheel; RR 255/40 R17 Blizzaks mounted on Carrera Cup I style 9" et 47 wheel. center caps. Apprx 10,000 miles. \$850 OBO. Can be seen in Chanhassen. Brian 612.916.6055, bkasbohm@c4kaz.com

#### Porsche Approved Winter Wheel and Tire Package

A boxster is a great winter car! Four Factory 5-spoke wheels with Pirelli Sottozero tires. Size 235/40 R18 NI. Load Rating: 91V. Used for one Season. Can email photos. \$1,000. Contact Paul Zollinger, 651.336.8677, or paulzollinger@me.com.

#### 1999 996 Carrera

Tiptronic, black/grey with 73,000 miles. Since 2006 the car has been serviced by Carousel and lately by Auto Edge. Carfax available for years prior to 2006, subsequent records available on request. Current owner has always garaged it and stores it in the winter and it has not been raced. Asking \$21,600. Please contact Sara with any questions or inquiries at sasexton@q.com.

#### 1985 928S

Manual transmission. I have owned the car since 1999. It is Grand Prix white with burgundy interior. Currently it has beige sheepskin seat covers on the front seats. Tires have less than 4k miles on them. Always serviced at Maplewood Porsche or Maplewood Audi. 142k miles. Asking \$7000 or best offer. Joe Bergeron H 763.560.5036, c 612.709.1257, w 651.483.2681. I used this car primarily as a summer driver. The leather on the driver's seat is worn through on the side bolster and the tops of the two rear seats. I replaced the factory radio with an after market cassette deck. I would say the

car runs good and always delivered 20 plus mpg. The hood was repainted sometime before I owned the car. It is a close match.

#### 1986 944 Turbo

Low miles, well maintained, white with minor body scrapes in right front. Engine was overhauled by competent technician last year. New timing belts, tensioners waterpump. Car is mechanically sound throughout. 83,000 miles.\$8,500. Jeff Quam 701-219-3530 or jaq@702com.net. Can be seen in Moorhead MN.

#### 2001 Porsche Boxter

38,000 miles, orient red metalic, grey interior, GREAT summer car \$15,500 (negotiable). Call 612.384.7213 or email deanlp@comcast.net for more informtion.

#### 1987 944S

White with Camel Leather interior with 72,000 original miles. Very good condition both Exterior and Interior. Stored winters, detailed annually, and always serviced by Porsche mechanics. New Michelin tires, battery, and fuel pump in Sept, 2012. Last Timing belt/waterpump service at 60,000 miles by Kelly-Moss Motorsports in Madison, WI. Clean Carfax. Second owner for the last 18 years. Must sell; asking \$10,000. Please contact John at either 320.250.4530 or Jwrees49@gmail.com.

#### Tech Quiz

continued from page 42

- 29. If your 1974 911 chassis number starts with 91144 it is a Carrera.
- a. True
- b. False

Porsche Panorama September 2012 pg. 96

- 30. \_\_\_\_\_ hydro-pneumatic front struts replaced the standard torsion bars on the 1969 911E.
- a. Koni
- b. Boge
- c. Bilstein
- d. AC Delco

Excellence Porsche Buyer's Guide pg.50

#### June Answers

q	.0£	p	.21
a	.62	В	.41
q	.82	q	.EI
q	.72	Э	15.
э	.92	Э	.11
p	.25.	q	.01
q	.42	q	.6
Э	.23.	В	.8
q	77.	В	٠.
q	.12	В	.9
q	.02	q	۶.
q	.91	q	.4
B	.81	q	.ε
B	٠٤١	p	.2
q	.91	э	.1

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Porsche of Minneapolis (763) 744-9191 9191 Wayzata Boulevard Minneapolis, MN 55426 carousel.porschedealer.com Parts: M-F: 7a - 6p, Sat: 9a - 1p Service: M-F: 7a - 6p, Sat: Closed Porsche of St. Paul (651) 483-2681 2780 N. Highway 61 Maplewood, MN 55109 maplewood.porschedealer.com Parts: M-F: 7a - 6p, Sat: 8:30a - 12:30p Service: M-F: 7a - 6p, Sat: Closed



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## Own a 996 or Boxster?

Have the pros at **Auto** Edge replace your **IMS** rear bearing with an updated retrofit bearing **BEFORE** engine replacement is your only option.

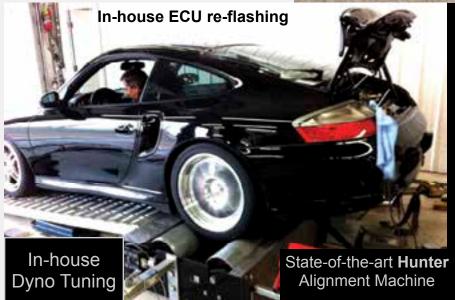
Don't wait to find metal shavings in your oil filter by then it may be too late!

Check our web site for more info on M96
Intermediate Shaft failure

Also ask us about 996 & 997 Turbo & GT3 Coolant pipe failure prevention

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