



NORD STERN

In This Issue:

Letters to the Editor

Page 8

Rallye Registration

Page 15

North Shore Fall Color Tour

Page 16



SEPTEMBER 2004

Retail Store
7200 Hudson
Blvd, Suite 165
Oakdale, MN
55128

APEX SPG.com

Safety, Performance & Graphics Products for Racers

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

PRODUCTS:

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

Cool Shirt systems round or square
 \$379



Brake Pads



\$9.95



\$9.95



SC 554
\$38

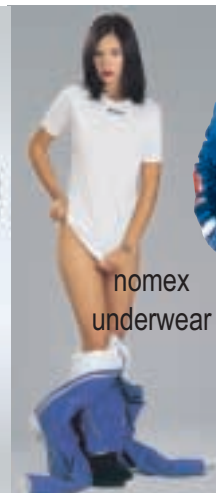
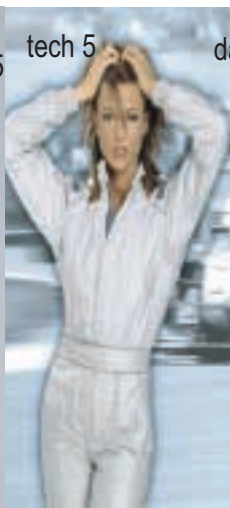


\$24



camlock
harness

\$139



- Suits \$99 Shoes \$49 Gloves \$45 and up -
- Ask about our Sponsorship program for 2004 -



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



Scales
\$998



\$178

Alpine Stars F1-r



\$104
Alpine Stars



\$299



\$134



Bell
M2



Data Aquisition
Systems \$899



\$189



Memory pyrometer \$299



Digital
pyrometer \$99.95

BRANDS:

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

N O R D S T E R N



PORSCHE

September

2004

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

Table of Contents

4	Vorstand	19	The Mercedes-Benz Club Invites Nord Stern so Mark Your Calendars!
5	Nachrichten vom Herausgeber. . .	20	2004 Kalender
5	Website Info: PCNA Certificate of Authenticity	22	Thoughts for the Day . . . #27 Tells it All
6	Willkommen	24	Tech Quiz
7	Unser Leiter . . .	26	First Fling Driver Training Registration Form
8	Letters to the Editor . . .	27	Back to Normal . . .
10	Subject: Garage and Trophy Room Photo Display	28	DE Pricing Restructure Effective Last Fling!
11	On That Top Ten 'To Do' List	30	The Dealers' Discount Plan for members of PCA and Nord Stern Region Continues
12	Out and About at LeMans	31	Tech Shorts
14	Out and About at the Annual Nord Stern Club Race this past August	35	**Report from MAC
15	The Great Bratwurst Rally	36	Gesucht
16	12th Annual Nord Stern Fall North Shore Color Tour!	38	Out and About at New Ulm's Heritage Fest in July

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 7th of each month prior to publication.

Permission is given to chartered regions of PCA to reprint articles in their newsletters if credit is given to the author and *Nord Stern*.

Nord Stern membership is \$20 per calendar year. *Nord Stern* subscriptions for non PCA members are \$24.

Want Ad insertions are free for Nord Stern members, \$10 for nonmembers and should be sent to the editor. Contact the advertising manager for further details.

NORD STERN STAFF

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

Bill Berard, Ad Mgr.
7100 Valley View Rd.
Edina, MN 55439
952 942-5314 (h) 952 921-4955 X1 (day)

Jill Daneu, Staff Writer/Photog	952 432-3486
Ron Faust, Staff Writer/Photog	507 282-3294
Scott Mayer, Photographer	952 937-5698
Teresa Vickery, Staff Writer/Photog	952 474-7126

Please contact staff for any event coverage you need

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

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

Front Cover - 1976 914 2.0 owned by Nord Stern Member Paul Coufal who took this picture of his car in front of the only gas station designed by Frank Lloyd Wright. This gas station is in Cloquet, MN. Definitely two classics deservedly sharing the limelight!

Back Cover - One of the lovely 356s on display at this past summer's 40th Anniversary Celebration hosted by Carousel Porsche.
Photo by Yann Beatty

Address changes

PLUS!

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

**Call Steve Sherf at
952.471.1054 (hm)
612.867.1649 (cell)
or email:
sherfs@aol.com**

Leave your name, address
and both home and work
phone numbers.
Your application/s will be
sent out right away!

Address Changes:

Name: _____

Old: _____

New: _____

**Send to:
Steve Sherf
2670 Pheasant Rd
Excelsior, Mn. 55331**

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

***Check your mailing label
for your expiration date!!!!***

Vorstand

President

Ed Hazelwood
4431 Colfax Ave. S.
Minneapolis, MN 55409
612 237-9319
racerone@pcparts.org

Vice-President

Chip Smith
9565 Bennett Pl.
Eden Prairie, MN 55347
952 942-6686
chip13@mn.rr.com

Secretary

Eleanor Renwick
10415 Buckingham Dr.
Eden Prairie, MN 55347
952 944-7919
Eleanor.renwick@signatureflight.com

Treasurer

Susan Salata
4616 Fairway Hills Dr.
Eagan, MN 55123
651 454-6208
ssalata@tela.com

Advertising

Bill Berard
952 921-4955 X1
mmabill@aol.com

Ambassador to New Members

Ed Vazquez
952 937 6990
edmn911@aol.com

Autocross & Time Trial

Bob Viau
651 777-6924
autoedge@Auto-Edge.com

BIR Relations

Roger Johnson
763 557-9578
rsamerica@attbi.com

Board of Directors

Jim Holton
952 937-9530
jim@holtonsalesgroup.com
Mark Skweres
651 454-6208
mskweres@tela.com
Scott Anderst
651 261-0831
SAnderst@braille-scs.com

Concours

Mitchell Berry
952 882-2959
89porscheguy@excite.com
Luis Fraguada
952 496-2288
lhfraguada@mmm.com

Club Race Chairperson

Roger Johnson
763 557-9578
rsamerica@attbi.com

Dealership Contacts

Carousel Automobiles
Darin Szabo
763 744-9108
Maplewood Imports
George Andeweg
651 483-2681

Driver Education

Phil White
612 667-1773 (wk)
rs_america@comcast.net

Driver Education Registrar

Cal Townsend
952 431-4442
Twn820@aol.com

Driver Training

Lee Jacobsohn
612 922 8458
speed@tela.com

German Car Fest

Insurance Chair

Jim Breakey
612 209-1508
Jim_Breakey@consecofinance.com

Membership

Steve Sherf
952 471-1054
sherfs@aol.com

Met Council

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

Newsletter

Christie Boeder
952 593-5544
editor@nordstern.org

Shop Relations

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

Rules

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

Ron Lewis
952 932-0505
NicolaiL@aol.com

Harvey Robideau
952 474-5563
hrobidea@isd.net

Chuck Porter
952 348-8150

Rally

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

Social

Chris Harbron
651 882-0475
chrisharbron@comcast.net

Safety

Ron Macfarlane
612 944-7919
Jim Breakey
612 209-1508
Jim_Breakey@consecofinance.com

Tech Inspection

Roy Henneberger
952 454-7716
henneb@charter.net

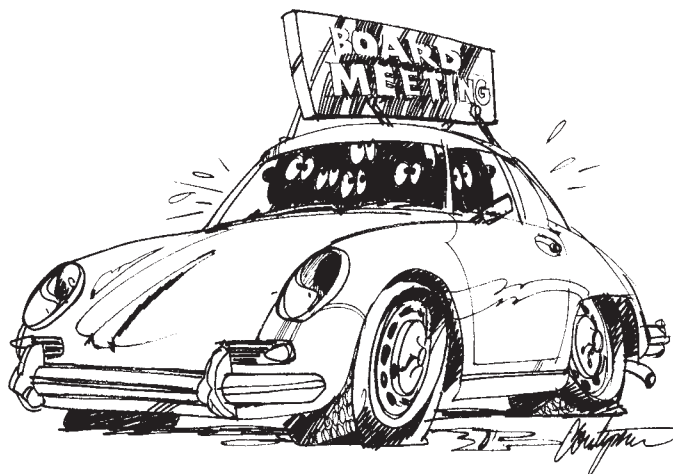
Timing and Scoring

Ed Tripet
952 471-0065
tripet@visi.com

Zone 10 Rep

Joe Rothman
1682 Whispering Hollow Ct.
Wildwood, Mo. 63038
636 273-6909
Joe@goqms.com

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



Here we go, it's Fall and back to work, back to school, time to start thinking about our last driving events and heaven forbid, the day draws ever nearer for those of us who must store our vehicles to keep them out of harm's way. Where has the time gone (my new mantra).

Just wanted to cover a couple of quick points/requests. First, our business meetings will resume in October. The October meeting is on the first Tuesday of the month (October 5th) and will again be held at the ever popular Lindey's

Restaurant in Medicine Lake. Join us for what always proves to be a lively discussion of events, concerns, scheduling and all that jazz. Plus this is some of the best steak in town and I always feel I have gotten my monthly infusion of red meat! Yummy.

Second, as the world gets ever more electronic, do consider signing up for the listserv that our webmaster manages for Nord Stern. This forums (ClubTalk is one nickname, TechTalk is the other) provides a really quick way to ask a question, find out all the latest news and generally keep well-informed. Members are most respectful of other's time and energy - hence the communications are well-worth receiving. Check it out. It's easy to sign up for, easy to unsubscribe. Go to: <http://www.nordstern.org/ClubInfo/MailingLists.html> and follow the directions.

Lastly, I am soliciting articles or commentary about past events, future events, anything that would be of interest to our readers. Pictures I get, thank you to one and all, but I sure could use more articles (don't worry about sentence structure, we can take of that!). Send me your stuff! And see you at the next event . . .

Website Info: PCNA Certificate of Authenticity

by Jack Bair, PCNA

Advertisers:

Apex	IC
Art of Racing	20
Autobahn, Inc.	34
Auto Edge	32
Carousel Automobiles	9
Collision Center, Inc.	21
Complete Garage	23
Courtney Truck Service	18
FlatSix	23
Leighton's Garage, Inc.	25
Maplewood Imports	9
Mortgage Marketing Associates	17
Nurburgring, Inc.	17
Precision Paint and Restoration	33
Sears Imported Autos	13

I am pleased to announce that information on the PCNA Certificate of Authenticity program is readily available on the Porsche website.

Please go to the Porsche website: Porsche.com. Please click on North America; click on USA; click on Owner Services and then Certificate of Acceptance.

—Best regards, Jack Bair/PCNA

Welcome . . . New Members

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



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??!

Randall Busch
Duluth, MN
2000 911

Autocross: A 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).

Dennis & Megan Doyle
Eden Prairie, MN
2001 911

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.

Douglas & Susan Hoskin
Minneapolis, MN
1997 Boxster

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

Ken & Lisa McNeill
Shakopee, MN
1995 993

Driver Education: High speed driving event on a closed-course racetrack (Brainerd, Blackhawk Farms) where drivers are grouped according to prior lap times. Instruction is available. Mounted fire extinguisher is required, performance enhancements are frequently made (but not required!).

David & Michaelene Nye
Eau Claire, WI
2000 911 Cab

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

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

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

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

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

Every month seems to bring more great events for us to enjoy by driving our cars and socializing with our friends in Nord Stern. The month of August has been one of the best in all categories.

The club race and drivers education event August 6-8 at Brainerd was one of the best we have held. The organization and preparation for the event was excellent with Roger Johnson and his team really working together to put on a really fun weekend. We also owe a big thanks to all the organizations supporting us so generously from our sponsors including Maplewood Imports and Carousel Porsche dealers, AutoEdge, Mortgage Marketing and others. Thanks also to our own Nord Stern members that gave so much time helping with the driving events and with the Courage Center items.

This was a well-attended event with cars from many different states. We have several excellent sessions and all were incident free! Congratulations to all our drivers.

The second driving event was just a few days later at Blackhawk. Many of our members participated in this event as well as a number of drivers from other areas. We have several good stories from the participants and hope to have some photos.

The Concours held last weekend at the Southdale Mall in Edina was one of the best I have attended. Thanks to Luis Fraguada and Mitch Berry for organizing this tremendous event! This is the first time we have held the event at the mall so a lot of extra effort was required to make it a success.

From the numbers I have seen and from my personal experience and observation during the event, we probably had close to 50 cars parked in the Concours area, and others that came in later but may not have entered.

We also had an extraordinary number of people walking through and talking with the car owners. Many of them were Porsche owners as well, but a number were mall shoppers that came out due to our advertising and promotion by the restaurants that supported our

event. We own a thank you to the Managers of The Cheesecake Factory, P.F. Changs and Louis XIII from their support and donations of complimentary food and drink certificates.

Thanks to Linda with the mall Management Company for working with us over the past several months, and for getting the great space in the lot.

I'll see you at "Great Bratwurst Rallye" Saturday, October 2nd!

**YES, NORD STERN
IS CELEBRATING
45 YEARS IN
2004!**

Celebrating



Years

*Get your very own anniversary coffee mug. They will be available at upcoming events and feature our special commemorative logo. Cost: \$12 each
Contact Chip Smith at 952 942-6686
or email: chip13@mn.rr.com*

Letters to the Editor . . .

Club Race . . .

Christie and I want to thank everyone responsible for putting on the race, starting with Roger Johnson, the race chair this year (again!), Mark Skweres and Susan Salata, Cal Townsend, Scott Anderst, etc. etc. It was a great time and truly total loonacy!

The cornerworkers this year were perhaps the best I've ever seen at a race, with the blue flags flying. There was a lot of close, fun racing, which kept the workers busy.

Thanks also to the national staff, Ron Mistak, the national steward, Steve Tarket, the national scrutineer, and Deni Knight, the national timing tech. They ran a tight ship with the result that we had absolutely no incidents.

And thank you, sponsors, the Viaus and Auto Edge, Bill Berard and Mortgage Marketing Associates, Tom McGlynn and Jongbloed Wheels, and the dealers, Maplewood and Carousel.

And thanks to the other guys in G class, Harvey Robideau, Dave Parker, Tom Johnson, Matt Hoke (and his dad, Mike Hoke, who partnered with Matt in the enduro), Dick Corson, and my enduro partner, Bobby Piper, for some really great, really close racing. Whew! Let's do it again next year, guys.

—Bruce Boeder

I'll second that! What a great weekend. The guys in the trailer next to us drove from San Diego and had nothing but great things to say about the event. The same with Skip from Colorado once he got some gas.

Along with those Bruce thanked, I'll like to throw in Ron McFarlen. I was of no help with safety this weekend and as usual, he spent most of the weekend running around dealing with corner workers, complaints about drivers, drivers moving classes, Taste of the Track, spins, offs, etc. etc.

Someone on the Rennlist racing thread has asked the newcomers to BIR how it was. It will be interesting to see the results.

As for Total Lunacy, someone (not me) should take the starting grid and the results and figure out how many passes took place in 17 laps. I'll bet the number would be astounding. Thanks all.

—Jim Breakey

To Bruce's list of thank yous, I want to add my thanks to the one and only Keith Jones. The mechanics gloves he got for us racers are the best! (Used mine when I unloaded the car last night - very nice.) And, Keith secured a ton of the goodies we auctioned on Saturday. Thank you, Keith!

What a great weekend! Total Loonacy doesn't come close to describing that last race, however. That was more fun than a person should be allowed to have.

—Teresa Vickery

I also want to thank everyone responsible for putting on the race, as well.

As spectators, Xavier and I we had great fun, seeing you and chatting with many of you. Also I would like to thank all the lunatics for the fun and entertainment!

—Alberto Magallon

Hello all,
Huge thanks to everyone involved in this year's Courage Center silent and live auctions and the parade laps. With your help we raised \$10,470 this year. Way to GO!!

—Bobby Piper

Bobby and others, Thanks so much for all of your hard work.

—Mike and Lori Lancial

Porsche Trivia . . .

When I was only 7 years old, I was with my mom driving in my dad's 914-6 and we were running low on gas. My mom pulled up next to the pump and said, "fill it up."

The gas station attendant walked around the car 3 times, stopping to pull on the license plate a couple of times. Finally he came back to the window and said, "lady, where's the fill cap?"

Being an astute 7 year old, I suggested that I'd seen dad open the hood when he comes into the gas station. My mom fumbled around for a short time to find the trunk release, and when she finally found it, wouldn't you know...there was the gas fill cap!

To this day, my mom still thinks I'm a genius for knowing where to put the gas in the 914.

—Michael Bowers

Continued on page 13

Best

Parts

Genuine Porsche

CAROUSEL PORSCHE

9191 WAYZATA BOULEVARD • MINNEAPOLIS, MN 55426

763-744-9191

Best

Prices

*PCA discount plus we meet or beat
other Porsche dealer advertised prices*

**MAPLEWOOD
IMPORTS**

2873 Highway 61 North • Maplewood, MN 55109

651-483-2681

Best

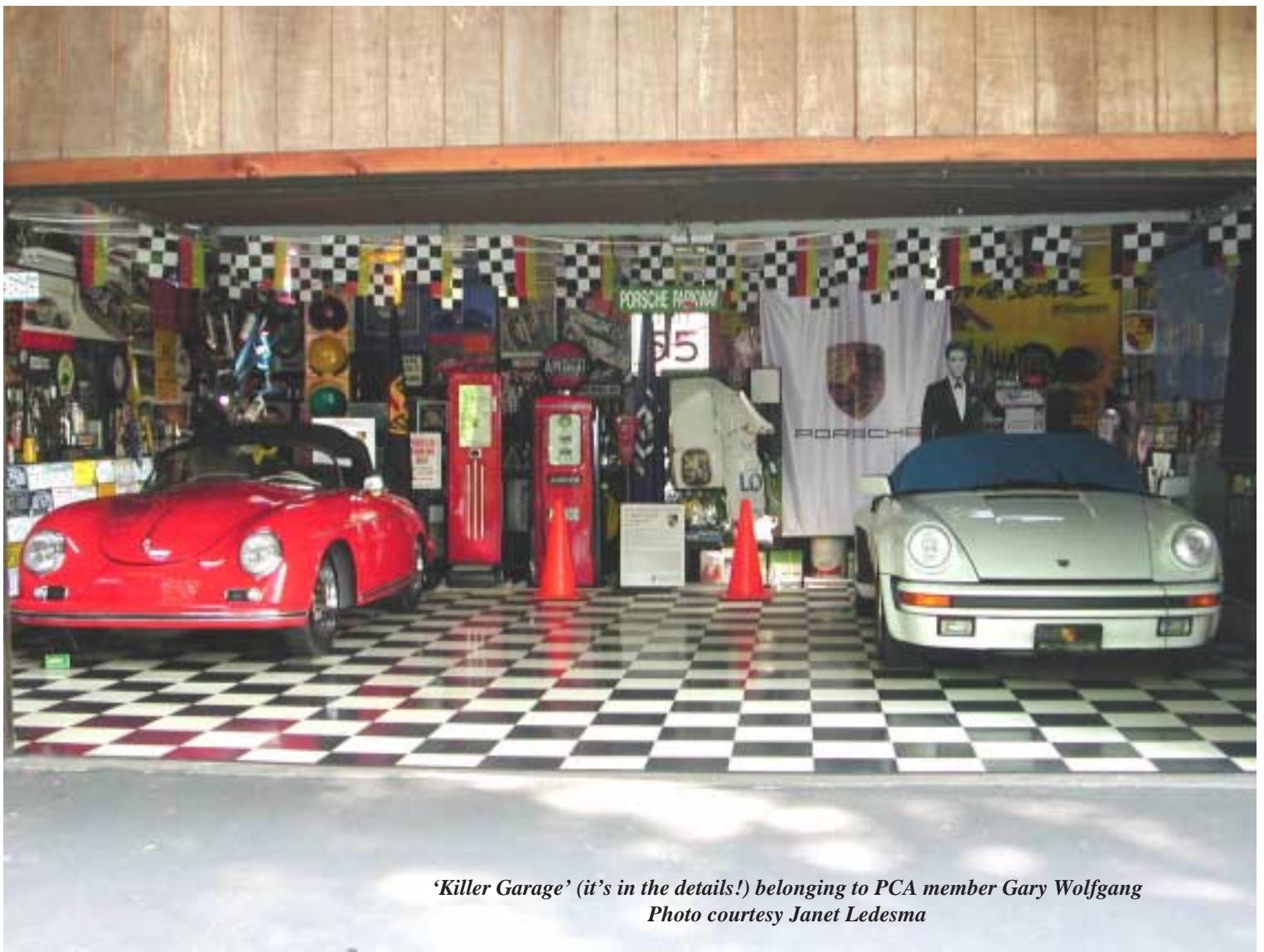
Dealers

*Carousel Porsche
Maplewood Imports*



PORSCHE





*'Killer Garage' (it's in the details!) belonging to PCA member Gary Wolfgang
Photo courtesy Janet Ledesma*

Subject: Garage and Trophy Room Photo Display

by Janet Ledesma of Hersey, PA

“Are you the proud owner of a killer Porsche garage? Do you have a Porsche trophy room, place or space? If so, you'll want to start snapping photos for the very first 'Killer PCA Garages' and 'PCA Trophy Rooms, Places and Spaces' photo display.”

Photos will be judged (a brand new category) at the Hershey Art Show at the 2005 Porsche Parade. Send in your 4" X 6" or 5" X 7" photos (include yourself in photo or separate photo of yourself, if you like) to: Janet Ledesma/Hershey Photo Display 10216 Hunt Club Lane Palm Beach Gardens, FL 33418.

Editor's Note: I know there are some wonderful garages in our region and this certainly sounds like a fun event and display planned for next year's Parade! Get your cameras out, Nord Sterners! Whether you plan on attending next year's Parade (scheduled for Hersey, PA and we all know what that town is known for—I keep having visions of giant Porsche cars entirely in chocolate bar form. Boy, does that thought chase the blues away!) this new activity sounds like an interesting addition to the traditional events to be found at each year's Parade. Having attended several of these over the years, they are fun and meeting other 'P' enthusiasts is always great.

So watch your Pano and Nord Stern for further information!

On That Top Ten 'To Do' List

by Mike Lancial

"Now that I'm older (wiser and slower) I've decided to take "running with the bulls" off the list."

When I was younger I had a list of ten things that I wanted to do. Going to Le Mans was on my list so I got that one done. Now that I'm older (wiser and slower) I've decided to take "running with the bulls" off the list. Lori had a great time at the race and she is a borderline race fan so I'm sure non-track people would have as much fun. Going over the Dunlop bridge was also real cool.

It is so much more than a race. When you do go, Bob Kosky (editor's note: Bob is a long-time Nord Stern member who has repeatedly been a part of the corner worker crew at LeMans) will agree to this, go to the "Parade of the Pilots" the night before in the town of LeMans.

Editor's note: Mike has a whole slide show from their trip viewable at:

<http://www.911t.org/europe2004/lemans/index.htm>. Do take a moment to visit there and see more of the action. Here are a few shots from this year's event that I thought pretty interesting. All photos are by Mike.



*Definitely 3 of my favorites from Mike's slide show:
Upper left: love the beer can gate! (am assuming the cans are beer and not pop . . .!)*

*Above: nice big Porsche flag—gotta love that
Left: hmmm, Are these 'French' Bobbies, Mike?*

Following page also features scenes from the night before the race as well as race day and my personal favorite is in the upper left corner—Porsche bread!

Top right is Lori Lancial.

Another favorite is the track shot that upon close examination reveals some rather skimpy attire in red, obviously promoting a certain marquee.



Out and About at LeMans

photos by Mike Lancial



Letters to the Editor . . .

. . . continued from page 8

Many of you probably already know this, but I didn't, and thought it was interesting trivia.

"The 1972 911 drove gas station attendants nuts. There was what looked like a fuel door on the right rear fender, but it accessed the oil reservoir, not the fuel tank. Fuel was carried in a front-mounted vessel. More than a few pump jockeys put fuel in the oil tank, so Porsche removed the oil-tank door for the 1973 model."

I wonder what the Stuttgart engineers thought of "those stupid Americans", and I wonder why any Porsche owner could allow a gas station attendant to touch his car?

—Keith Jones

Concours . . . August 22nd

We will not be attending the concours this year. We have no desire to stand on a blacktop parking lot for 3 hours when we could be enjoying the pleasant surroundings of the city park at Afton. Grass under our feet and tires is our vote for next year.

—Sincerely, Jeff and BJ Boehm

Mitch Berry and I would like to thank all the participants of this year '04 Nord Stern Concours d'Elegance. We had 27 cars registered and at one point more than 50 Porsches in the Southdale Mall parking area. We like to thank the businesses that support our event, Maplewood Imports and Carousel Automobiles for the \$50 gift certificates for all the Full Concours class winners. In addition, to Brian Young from 3M Automotive Aftermarket Division for all the 3M auto detailing products for the 1st Place participants. Additionally, the following Southdale Mall restaurants: Louis XIII and PF Changs restaurants who provided drink and appetizer certificates and Cheesecake Factory for the free coffee in the morning. Watch your Nord Stern for results!

—Luis Fraguada

It was a wonderful Concours, many more entrants than last year, plus a lot of Nord Stern members that came to look. Also noticed a lot of people from the mall that came out; it was great!

Nice handouts from Luis as well, that will be put to use. Also had posters for the event as well as certificates from Louis XIII and PF Changs restaurants for drinks and appetizers. Cheesecake Factory provided free coffee in the morning. Well done!

Auto Body Beautiful

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



Simply the Best!
Sears

Imported Autos



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



Out and About at the Annual Nord Stern Club Race this past August

photos by Mike Jekot

Editor's note: My personal favorite, of course, is the Cayenne 4-wheeler! Very fun, bet it corners just fine. Photos include Above: Skip Sauls' GT3 Cup car and below: Bob Rygg in his GT2S



The Great Bratwurst Rallye

"Run for the Bun"



● Schedule:

12:00PM – 12:45PM Registration
12:45PM – 12:55PM Drivers Meeting
1:00PM – Rally Start, Cars out at 1 Minute Intervals
4:00PM – Rally Finish and Begin BBQ

● Starting Point:

Bass Lake Playfield
From 494 and Bass Lake Road:
East on Bass Lake Road to Co. Rd. 61/Northwest Blvd.
South on Co. Rd. 61/Northwest Blvd., .9 Miles
Left into Parking Lot at Traffic Light

● Registration/Cost:

35.00 per car, Make checks payable to NordStern
Mail Check and Registration Form to:
Lon Tusler
16205 Elm Road N.
Maple Grove MN 55311

**Please try and pre-register by 9/24/04, or at least send me
an email (lon@snsabling.com) if you are attending.**

● Registration Information:

Driver Name: _____
Navigator Name: _____
Address: _____
Phone Home/Cell: _____
Email: _____
Car Model: _____
Year: _____ Color: _____

Saturday, October 2, 2004

12th Annual Nord Stern Fall North Shore Color Tour!

*“... commodious
camaraderie, devilish
driving, superb
scenery, fabulous
food, super shopping,
delightful door
prizes and just plain
good fun.”*

It's tough to find another event put on by the Nord Stern Porsche Club that combines so much; commodious camaraderie, devilish driving, superb scenery, fabulous food, super shopping, delightful door prizes and just plain good fun. This year marks the 12th annual outing of Porsches (with a couple of non-P cars, we have to confess, since some of us have strictly track cars!) convening for a fall weekend of color up on our very own incredible North Shore along Lake Superior.

This year's event promises to provide us with lots of driving time (we are heading to the border, by the way, so bring your passport!), sight-seeing, shopping, dining, hiking. Eventmaster John Dixon has never failed in all these years of putting together a great mix of social time along with wandering around the North Shore exploring the scenery along the way.

Give John a call and plan on heading 'up north' for what looks to be a particularly stunning fall color display. Our 'host' hotel is BlueFin Bay.

If you have never joined us, do so this year! It'll be great. See you there!

Friday, Saturday, Sunday
September 24, 25 & 26

Headquarters: BlueFin Bay (1-800-
BlueFin)

Eventmaster: John Dixon

952 939-9071

email: zyerack@tcq.net



Rick Moe's

NURBURGRING

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

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

Porsche Enthusiast!



Steve Sherf, shown here enjoying this early light weight Porsche 911 at Brainerd International Raceway. Steve is a true Porsche enthusiast and a valued Mortgage Marketing customer. our service is so nice, Steve came in twice.

- ◆ Open Lines of Credit to 100% LTV
- ◆ Purchases and Refi's 100% LTV
- ◆ Commercial and Investment Loans
- ◆ Second Mortgages/Equity Loans
- ◆ Lot & Construction Loans
- ◆ No Income Verification
- ◆ A through D credit Programs
- ◆ Special incentives and discounts for Nord Stern Members

Call **Bill Berard** at (952)

921-4955 x1
mmabill@aol.com

MMAA
MORTGAGE
MARKETING
ASSOCIATES

7101 York Ave. Ste 350, Edina, MN

Fleet Service for Light & Medium Duty Trucks and

- Four Wheel Drive & Major Auto Repairs
- Foreign & Domestic, Gas or Diesel
- Welding & Fabrication
- Alignments: 2 & 4WD vehicles up to 1 ton in weight
- MN DOT inspections
- Hitches & Fuel Tanks
- Red Line® Oil Dealer



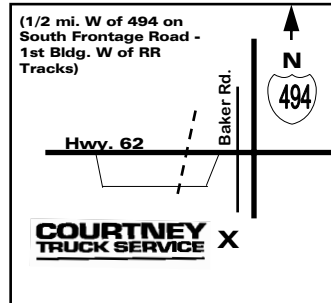
**COURTNEY
TRUCK SERVICE**

**14205 62nd Street West
Eden Prairie, MN 55346**

Is your trailer ready?



20 years in Eden Prairie



Left, Randy Roach's GT2R racing at BIR during this past August's Club Race. Photo by Mike Jekot.

The Mercedes-Benz Club Invites Nord Stern so Mark Your Calendars!

Eventmasters: John and Jean Bravis, Mercedes-Benz Club

Paul Bergquist of the Mercedes Club has invited Nord Stern members to join them at the Old Log Theater for an evening of dining and theater. This annual event is again being scheduled, this year on Sunday, November 21, 2004 at the Old Log Theater in Excelsior. *"Recognized as one of the most popular theaters in the country, the Old Log has entertained over six million patrons since opening its doors more than 65 years ago!"*



The evening will begin at 5:00 pm with a social hour, followed by dinner at 6:00 pm and the play at 7:30 pm. This year's production, *Tom, Dick and Harry*, will be the American premier of Ray and Michael Cooney's new comedy.

"Tom, Dick and Harry", is the hilarious story of three brothers. Tom and his wife are about to adopt a baby and a woman from the adoption agency is coming to their home to check on the couple and their lifestyle. Tom's two brothers try to help make a good impression, but fail . . . miserably.

We discover that Dick is smuggling brandy and cigarettes into the country, and Harry is illegally selling cadavers to medical schools. Add two illegal aliens from Croatia who can't speak English, and an adoption agency representative who is aghast at what's going on—and you have the ingredients for an undeniably fun evening!

"Tom, Dick & Harry"
Sunday,
November 21, 2004

Social: 5:00 pm

Dinner: 6:00 pm

Play: 7:30 pm



Old Log Theater Outing — November 21, 2004

RSVP by 11/5/04

"Tom, Dick & Harry"

Name/s: _____

Phone #: _____

We will have _____ people attending @ \$46 (includes tax & tip) each.

Please indicate menu choices: Broiled Walleye _____ Prime Rib _____ Vegetarian Plate _____

Please make your check payable to the **MBCA, Twin Cities Section**, and send to:

Jean & John Bravis 3901 Hayes St. Columbia Heights, MN 55421

Any questions? Call them at 763.788.5050 Reservations due: November 5, 2004

2004 Kalender

September

2004

10-12 **Kansas City Region DE at Heartland Park, Topeka**

17 **'Last Fling' Driver Training**
Brainerd International Raceway
Eventmasters: Lee Jacobsohn 612.922.8458
See Page 26

18,19 **Last Fling Driver Education**
Brainerd International Raceway
Registration See Pages 28 & 29

17-19 **Great Plains Region DE at Heartland Park, Topeka**

24-26 **12th Annual North Shore Fall Color Tour**
BlueFin Bay; See page 16
Eventmaster: John Dixon 952.939.9071

October

2004

2 **Oktoberfest Rally Time! Gimmick Variety**
Location: In the Northwest sector of the Metropolitan Area
Eventmasters: Lon & Lorry Tusler
763.383.1798
See Page 30

5 **Nord Stern Business Meeting - 1st Tuesday**
Location: Lindy's Time: 6:30 pm
Eventmaster: Ed Hazelwood, 612.237.9319
racerone@pcparts.org

November

2004

2 **Nord Stern Business Meeting - 1st Tuesday**
Location: TBA Time: 6:30 pm
Eventmaster: Ed Hazelwood, 612.237.9319
racerone@pcparts.org

21 **Old Log Theater Outing with the Mercedes-Benz Club -**
Sunday evening dinner & play
Location: Old Log Theater
Eventmasters: Jean and John Bravis
763.788.5050
Cost: \$46 each
See page 19 for details and registration

December

2004

7 **Nord Stern Business Meeting - 1st Tuesday**
Location: TBA Time: 6:30 pm

Eventmaster: Ed Hazelwood, 612.237.9319
racerone@pcparts.org

June

2005

11-12 **German CarFest - Weekend Festivities**
Location: Rice Park, downtown St. Paul
Contact: Paul Bergquist, 952.937.1822 of the Mercedes-Benz Club

Saturday will feature the traditional CarFest.
Sunday will be the Concours sponsored by the Milestone Car Club; Concours will feature cars vintage 1967 and older - Porsches are invited to participate! This year's Concours featured 200+ cars and a huge crowd.

Art of Racing

Your source for limited edition motorsports artwork



Harbor Master (Jackie Stewart)

Original Serigraph, Limited edition of 140.
Jackie's 1973 win at Monaco
Autographed by Jackie Stewart & Randy Owens

See our new retail display at **Donnybrooke**
259 East Lake Street, Wayzata MN 55391

or call David Schaal 651.983.8238
www.RacetrackArt.com



A vehicle we don't see as often on the track at BIR is Teresa Vickery's lovely 1986 Carrera 2. Photo by Yann Beatty at the Carousel Porsche 40th Anniversary Event in June. Doesn't this pose just make you want to smile!

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

Over 100 Porsches repaired in the past year

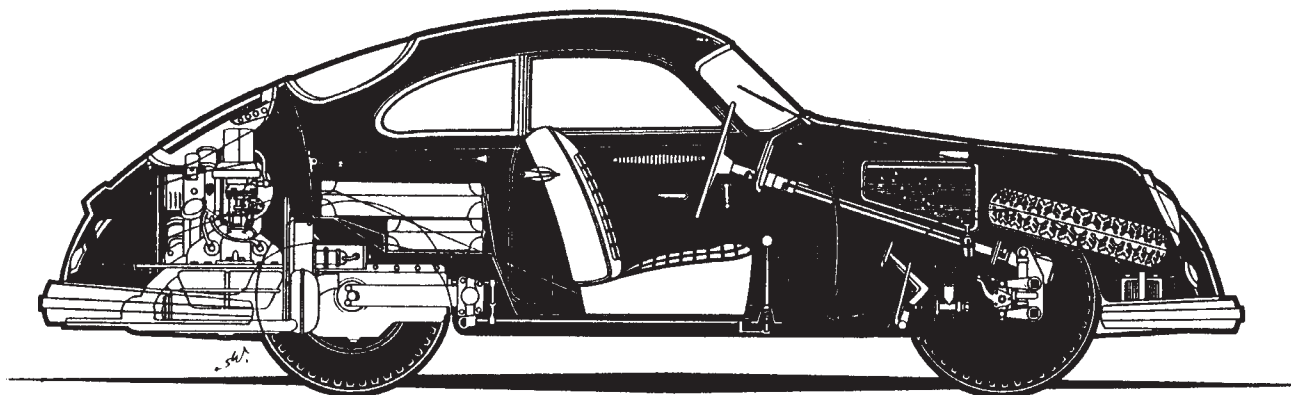
- Factory paint matching
- Paintless dent repair by Juergen's Dent Kraft
- I-CAR & A.S.E. certified technicians
- Insurance estimates accepted
- Coordination/negotiations with insurance adjusters
- Towing Service
- Rental cars available
- Recommended by major insurance companies
- Recommended by automobile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

Collision Center, Inc.

Est. 1958

900 Florida Avenue South
Golden Valley, MN 55426

Phone: 763-541-9727
FAX: 763-541-0371



Thoughts for the Day . . .

#27 Tells it All

Courtesy Internet

- 1 Do not walk behind me, for I may not lead. Do not walk ahead of me, for I may not follow. Do not walk beside me either. Just pretty much leave me the hell alone.
- 2 The journey of a thousand miles begins with a broken fan belt and a leaky tire.
- 3 It's always darkest before dawn. So if you're going to steal your neighbor's newspaper, that's the time to do it.
- 4 Sex is like air. It's not important unless you aren't getting any.
- 5 Don't be irreplaceable. If you can't be replaced, you can't be promoted.
- 6 No one is listening until you fart.
- 7 Always remember you're unique. Just like everyone else.
- 8 Never test the depth of the water with both feet.
- 9 If you think nobody cares if you're alive, try missing a couple of car payments.
- 10 Before you criticize someone, you should walk a mile in their shoes. That way, when you criticize them you're a mile away and you have their shoes.
- 11 If at first you don't succeed, skydiving is not for you.
- 12 Give a man a fish and he will eat for a day. Teach him how to fish, and he will sit in a boat and drink beer all day. (sounds good to me!)
- 13 If you lend someone \$20 and never see that person again, it was probably worth it.
- 14 If you tell the truth, you don't have to remember anything.
- 15 Some days you're the bug; some days you're the windshield.
- 16 Don't worry; it only seems kinky the first time.
- 17 Good judgment comes from bad experience, and a lot of that comes from bad judgment. (very profound!)
- 18 The quickest way to double your money is to fold it in half and put it back in your pocket.
- 19 A closed mouth gathers no foot.
- 20 Duct tape is like the Force. It has a light side and a dark side, and it holds the universe together.
- 21 There are two theories to arguing with women. Neither one works.
- 22 Generally speaking, you aren't learning much when your lips are moving.
- 23 Experience is something you don't get until just after you need it.
- 24 Never miss a good chance to shut up.
- 25 We are born naked, wet and hungry, and get slapped on our ass . . . Then things get worse.
- 26 Never, under any circumstances, take a sleeping pill and a laxative on the same night.
- 27 **There is a fine line between "hobby" and "mental illness." (hmmm, cars are . . . !)**
- 28 No matter what happens, somebody will find a way to take it too seriously.
- 29 There comes a time when you should stop expecting other people to make a big deal about your birthday . . . around age 11.
- 30 Everyone seems normal until you get to know them.

Editor's note: Many of these epigrams are great in and of themselves. It's fun to put so many together in a list!

This came from a very good friend in Chicago and fellow PCA member, fellow newsletter editor, etc. and to end this little commentary, courtesy Keith Jones is truly something to live by:

"Life should NOT be a journey to the grave with the intention of arriving safely in an attractive and well preserved body, but rather to skid in sideways, best friend in one hand, favorite beverage in the other, body thoroughly used up, totally worn out, and screaming WOO HOO - What a Ride!"

—Author Unknown

FLATSIX

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

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

flat6.com

952.884.2060

9010 Pillsbury Avenue South
Bloomington MN 55420

GET READY FOR SUMMER!

Epoxy Flooring Protects Your Garage Floor from Water, Dirt, and the Elements.



Flooring • Cabinets • StoreWALL® Systems • Auto Care Products • Gladiator™

Maplewood: 651 748 1300 Hopkins: 952 935 5200 Eagan: 651 687 0516
CompleteGarage.com

THE
Complete Garage

1. The Cayenne's pneumatic suspension features a self-leveling system that provides consistent vehicle position regardless of load. This system incorporates how many different ride height levels?
 - a) 4
 - b) 8
 - c) 6
 - d) 10
2. The Tiptronic transmission is a joint development between:
 - a) ZF, Bosch and Porsche
 - b) ZF, BMW and Porsche
 - c) ZF, Valeo and Porsche
 - d) GM, Ford and Porsche
3. The much-changed body of the 1969 911 is referred to as:
 - a) The 2nd generation
 - b) B-body
 - c) 911.2
 - d) New Body
4. For a time, radial tires were not fitted to production 356s. When these became available, which manufacturer's tires were used?
 - a) Semperit
 - b) Kleber
 - c) Michelin
 - d) Dunlop
5. The 914/6 GT's offered hood and rear trunk lids made light by the use of fiberglass. To provide some stiffness, how were these panels reinforced?
 - a) The edges were "rolled" around a metal wire
 - b) Strips of aluminum alloy were placed diagonally across the panels
 - c) Magnesium was embedded in the fiberglass
 - d) Strips of balsa wood were bonded to the inside of the panel
6. The Carrera 2 America Roadster shared all of the following with the 911 Turbo model except?
 - a) Clutch and transmission
 - b) Running gear
 - c) Brake system
 - d) None of the above
7. Which Type 993 Turbo feature was introduced on standard production Turbo series cars, excluding the Type 959?
 - a) AWD
 - b) 4-speed transmission
 - c) Triple turbochargers
 - d) Automatic seatbelts
8. The Boxster S' drive to the rear wheels is via?
 - a) Torsion Bars
 - b) Torque Tube
 - c) Double Universal Joint Shafts
 - d) Electric Motors
9. A design known as Technologie-Rad refers to?:
 - a) The red powder coating on the brake calipers of the 993 Turbo
 - b) The lightweight pressure-cast hollow spokes of the 993 Turbo wheels
 - c) The lifting mechanism of the rear spoiler on the 993 Turbo
 - d) The outstanding sound system of the 993 Turbo
10. In 1990, the Carrera 2 introduced a new option for the Type 964 series:
 - a) ABS
 - b) All wheel drive
 - c) Eight cylinder engine
 - d) tiptronic

Answers:
1)c 2)b 3)c 4)c 5)b 6)d 7)c 8)b 9)b 10)b



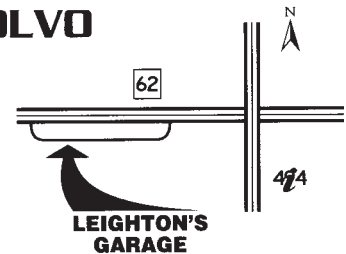
**Imported
Automotive
Excellence**

- *Major & minor repairs*
- *General Maintenance*
- *Pre-purchase inspections & appraisals*
- *Same-day service on most repairs*
- *Free shuttle service & coffee*

EXPERIENCE OUR LEGENDARY SERVICE

952-934-8900

*Just one minute west of the intersection of 494 & Crosstown 62
14301 W 62nd Street, Eden Prairie*



Above, photo by Yann Beatty at Carousel Automobiles where the 40th Anniversary of 911 was celebrated in grand style is past June. Doesn't this just say it all? Thanks, Yann, for a great photograph!

Last Fling Driver Training

Friday, September 17, 2004

at Brainerd International Raceway

■ **Eventmaster:** Lee Jacobsohn 952 922-8485 or email: speed@tela.com

Novice Class: For drivers who have not attended a (or attended no more than one) Nord Stern high speed driving event at Brainerd Raceway. This class will prepare you to safely participate in Nord Stern Drivers Education events. Cost \$120 per person (one driver per car). Limited to 20 students.

Intermediate Class: For drivers who have attended the Nord Stern Novice Class, or similar high speed school utilizing production based street cars, and have participated in less than six DE events in the last six years. This class builds on the topics covered in the novice class with a concentration on advanced car control techniques and cornering lines. Cost: \$110 per person (one driver per car). Limited to 20 students.

Advanced Lapping sessions: For drivers who have attended the Nord Stern intermediate school in the past and desire additional track time. Two lapping sessions will be provided on Friday afternoon. Instructors may be available at the drivers request. Cost \$60. Limited to 24 cars.

Requirements: Car must have passed a Nord Stern annual Tech inspection in 2003. Open top cars must have factory rollover protection or a roll bar that meets PCA club racing rules. Must be a valid PCA member and have a valid drivers license, must be over 18 years of age.

REGISTRATION AND PAYMENT MUST BE RECEIVED BY SEPTEMBER 10TH, LATE FEE \$25

Rush this form along with your check payable to Nord Stern to:

Lee Jacobsohn
4849 Russell Ave. S.
Minneapolis, MN 55410

Driver _____

Phone(Wk/Hm) _____ email: _____

Street _____

City _____ State _____ Zip _____

Car _____ Model _____ Year _____

Novice _____ Intermediate _____ Advanced laping _____

Class, if known _____ Prior high speed school? _____

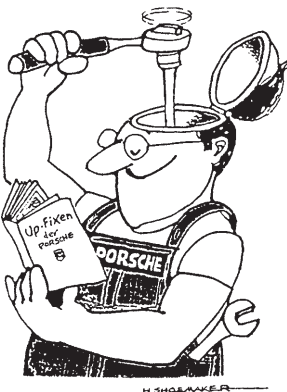
"In consideration of being permitted to use the BIR facility under the track rental lease of Nord Stern, I agree to be solely responsible for any and all property damage to the BIR facility caused, in whatsoever manner, by myself, or a registered co-driver either in the vehicle which I have registered, or in another vehicle, within seven (7) working days of invoice by it for all reasonable property damage which it has been billed, or which it paid to the operators of BIR for property damage to the BIR facility in which I, or my vehicle was involved. Nord Stern Region reserves the right to exclude any individual."

Signed: _____

Back to Normal . . . car problem solved without resorting to dynamite!

by Cheryl Burney, Der Sportwagen June/July 2004

“After delaying in every way possible, he once again went through the 25-point checklist, thinking he could have, possibly, missed something simple. He finally announced to me that he knew how to fix the car—he just needed a stick or two of dynamite. I was not amused.”



Things have gotten back to normal at our house. We had an automotive crisis of a new sort several weeks ago when our 20-year-old 944 had the audacity to not crank. Just refused. My husband was sure it was a fuse, or maybe the fuel pump relay. Not.

Out came the shop manual, schematics and multimeter. Two long days, and a twenty-five-point checklist later, the problem was still a mystery.

A cry for help went out to local car club members, then to club experts at the national level. A guy named George in New York offered to test the DME control unit at no charge, so we quickly shipped him the part. He returned it a few days later—said it was in perfect working order. This was a sad day at the Burney house. The \$1,200 cost of a new DME would have been painful, but at least we would have identified the problem.

A little diversion in the form of a yard project was just what the mechanic ordered. My husband (Lin) spent the next two weeks in therapy installing a sprinkler system, while ignoring the car.

After delaying in every way possible, he once again went through the 25-point checklist, thinking he could have, possibly, missed something simple. He finally announced to me that he knew how to fix the car—he just needed a stick or two of dynamite. I was not amused.

We attended the MBCA breakfast the following Saturday morning and (fellow club member) Ken Jensen, hearing that we were in the market for dynamite, kindly offered to set us up with some C-4. Ken quickly retracted the offer when he found out the matter was of the automotive variety. He listened very intently to every last detail as Lin described schematics, tracing electrical circuits, relays, blah, blah, blah . . . Ken and Lin were on the very brink of higher awareness as they mentally dissected the vehicle. Ken’s wife, Linda, and I nodded knowingly at each other as their conversation flew overhead. I am convinced that men actually love when things break, but pretend otherwise.

In the end, we called Kenny Mitts (a local mechanic). Based on Lin’s lengthy diagnostic, Kenny suspected the flywheel speed and index sensors. He was correct, and the car was repaired in less than an hour.

Lin had a hard time accepting the idea that he didn’t make the repair himself. There is a reason God made professional auto mechanics. Thanks a million, Kenny Mitts! And thanks to Ken, George Beuselinck in New York, Tom Charlesworth in Oklahoma and to everyone else who listened to the story and offered advice. It is so nice to be back to normal again.

Editor’s Note: This little article appeared in the Kansas City Region newsletter and I so enjoyed it as I am sure it strikes a chord in many a club member here in Minnesota. Note how responsive fellow club members were, even the national guys—part of what makes our clubs so great. Do you have a similar experience with your particular favorite “P” car?? Be brave and take a moment and share it with Nord Stern?! I would love to include your stories; just send me an email!

DE Pricing Restructure Effective Last Fling!



\$150 per person; \$120 2nd person, same car:

Registration required by August 18, 2004



After August 18th: \$195 per person; \$150 2nd person,
same car



On September 18: \$245 per person; \$200 2nd person,
same car

**—Fire Extinguisher—
No Longer Required
in either Driver Training or
Driver Education**



Nord Stern

2004 Driver Ed Event Registration

*Brainerd International Raceway is a superb, three-mile road course,
situated six miles north of Brainerd, Minnesota*

- **Eventmaster/s:** TBA for each DE Event
- **Cost:**
 - ♦ \$150 per person; \$120 second person, same car: **Registration required by August 18, 2004**
 - ♦ **After August 18th: \$195 per person; \$150 second person, same car**
 - ♦ **On September 18: \$245 per person; \$200 second person, same car**
- **Requirements:** Snell 95 or newer helmet, A fire extinguisher (5 b-c min.) is required. It must be securely mounted using a metal bracket, roll bar (to Club Racing specifications) for cabriolets, 96 db noise limit, PCA Membership Card & valid driver's license
- **Experience:** To participate, you must have Nord Stern or other approved driver's training experience.
- **Tech Inspection:** Mail in form with registration, form available in Nord Stern or downloadable from Nord Stern website (PDF format) www.nordstern.org
- **Refund Policy:** **Registration deadline one week prior to the event. Late Fee: \$50, however, FULL refund if you cancel by calling at least one day before event.**
- **Event:** ☐ **Last Fling: Sept. 18/19 - See Revised Cost Schedule Above!**

Rush this form along with your check payable to Nord Stern to:

Cal Townsend, Registrar
15391 Flower Way
Apple Valley, MN 55124

Driver _____ Car #: _____

Co-Driver _____ Car #: _____

Phone(Wk/Hm) _____ Cell: _____

Street _____

City _____ State _____ Zip _____ email: _____

Car _____ Model _____ Year _____

Best Time BIR _____ Best time co-driver BIR _____

"In consideration of being permitted to use the BIR facility under the track rental lease of Nord Stern, I agree to be solely responsible for any and all property damage to the BIR facility caused, in whatsoever manner, by myself, or a registered co-driver either in the vehicle which I have registered, or in another vehicle, within seven (7) working days of invoice by it for all reasonable property damage which it has been billed, or which it paid to the operators of BIR for property damage to the BIR facility in which I, or my vehicle was involved. Nord Stern Region reserves the right to exclude any individual."

Signed: _____

Co:Driver _____

The Dealers' Discount Plan for members of PCA and Nord Stern Region Continues

Carousel Porsche and Maplewood Imports are pleased to continue offering an improved discount plan for members of PCA and Nord Stern Region. This plan is effective immediately and is available to all club members and associate/family members.

Members will be eligible for a 5% discount on annual purchases up to \$300, a 10% discount for purchases from \$301 to \$700, and 15% thereafter. In order to receive discounts, members will be required to present the new **Discount Card**, available at the dealership retail parts counter. Members must present a current PCA member card when requesting the **Discount Card**. There is no charge for the card.

Discount Cards will be punched by dealer parts staff in \$50 purchase increments at time of purchase. A card will be considered FULL when purchases total \$1,000 in a calendar year. These FULL cards may be redeemed for a \$50 purchase credit and the completed FULL card will be entered in a year-end drawing for a significant prize to be determined by each dealer in consultation with Nord Stern representatives.

Discounts as noted above will apply to all items with factory part numbers. Items sourced outside factory channels (e.g., tires, other accessories) may earn discounts at other rates, but purchase totals will still be punched on the **Discount Card** as above. Sublet items (e.g., paint, upholstery) may not be included in this program.

Eligible purchases may be made at the retail counter, in the shop while repairs and maintenance are being done, or by phone. Punches on the card will only be made at the retail parts counter, so keeping receipts will be important to assure eventual full credit. Contact your Porsche Parts consultant in either dealership for full details and a new card.

This new plan offers members an improved incentive to purchase Genuine Porsche Parts and Accessories for their Porsches as well as an additional reason to maintain PCA membership.

For additional information:
Mark Bouljon at 763.744.9170

Tech Shorts

by Steve Grosekemper, San Diego Windblown Witness October 2004

"I have noticed a greater number of people changing their wheels at driving events.

Some have

1 - Wheel Mounting Pilot: Over the past few years, I have noticed a greater number of people changing their wheels at driving events. Some have mastered the task, while others seem to be struggling. The greatest problem I have seen is with 914-4's, 924's, 996's and Boxsters. The reason for this problem is that all these cars have wheel bolts instead of wheel studs. With wheel studs, you just slide the wheel up there; grab a lug nut and start threading it on. If you have forgotten the wrench, it's not a problem; the wheel is not going to go anywhere. With a wheel bolt setup you have to hold the wheel up to the hub in the correct position, (two hands) then start the top wheel bolt (third hand?), then start the others (fourth hand?) and now go and get the wrench. This would be easy for superhero octopus-man, but I haven't seen him at the track lately. Adding in that the lug wrench will always be just inches out of your reach, and you have one frustrating situation.

The solution to this problem can be found in the factory tool kit of Boxster (986) and

996 cars. It's an aluminum wheel pilot shaft, which will hold the wheel for you (saving the need for another set of hands). There are a few problems with this tool however.

It is aluminum with a very short thread, and can break off in the hub if the user gets a little over exuberant.

There is only one in the tool kit (while many newer cars have up to 4 wheels).

914's and 924's don't have them at

all. Here is the simple solution. Go to your local nut and bolt distributor and ask them to sell you four bolts. They should to be 14mm X 120mm X 1.5 mm pitch. When you get home, take the bolts and cut the heads off. Then take a grinder and/or file to the end and bevel it smooth. This will help the wheel to slide on easier. You should not have to spend more than \$5 for all four bolts. See figure #1 for the factory version (top) and locally made version (bottom)

The next time you are ready to remove your wheels you will be all set.

Remove the wheel bolt nearest the 12 o'clock position.

Install the wheel pilot where the first bolt was removed. Remove the remaining wheel bolts. Slide off the old wheel.

Continued on page 32



figure one

mastered the task, while others seem to be struggling."



figure two

. . . continued from page 31

(See figure #2; wheel pilot in 12 o'clock position)

The real treat is wheel installation, as it involves no more than sliding the wheel on the pilot and tightening it down. This is also a great addition to the Concours junkie's tool kit, as it makes wheel removal for cleaning a snap.

2- Early 911 gas pedal replacement: Whenever someone looks at a car to judge its mileage, they usually check the driver's seat for wear. The only other item that sees as much wear as the seat is probably the gas pedal. As time marches on, the gas pedal will start to break down where it's hinged to the floor. The problem with this is that it will bend over as you mash the pedal down. This will result in one of two things happening, depending on weather it takes a bend to the left or right. You will either get less than full throttle actuation, or you will bend the linkage at the pedal assembly and get permanent full throttle actuation. One results in very little driving excitement while the other results in excessive driving excitement. Neither is a recommended driving condition, so let's see about fixing the situation. The solution seems simple, replace the pedal with a new part and continue safe, moderate, driving excitement.

1- Disconnect the top of the pedal from the throttle linkage by simply pulling back.

The bottom of pedal is mounted to the floor with two 6mm bolts. These bolts have been there since the beginning of time, and may need a soak with some kind of rust penetrant to get them to come out. If they do not come out easily, wait and soak them some more. You do not want to break these bolts! After they have loosened up, remove them and throw them away. Old rusty bolts that almost break coming out, usually always break going back in.

Install the new pedal with new mounting hardware that has been coated with some anti-seize compound.

Pedal option A or B

4a- Replace the pedal with the correct original part. This is an original rubber coated metal pedal with no integrated pedal stop. The part number for this pedal is 901.423.010.00 with a cost of \$72.21. Yes that is correct, seems a little pricey for a flat hinged pedal, doesn't it? (For the more frugal Porsche owners out there, like myself, see option 4b.)

4b- Replace the pedal with a later model gas pedal from a '90-'94 911. They are made of 100% plastic and have an integrated stop built into the top of the pedal. The part number for this pedal is 964.423.111.00 and it will set you back a much more reasonable \$8.91. This is one of those

Continued on page 37



Looking for a shop that you can trust to fix your daily driver.

The same shop that you trust to service your prize possession
can keep your other vehicles in top shape.

Auto Edge has some of the areas best technicians that work on
American, European & Japanese vehicles

Loaner cars or pickup service available

To make our location convenient

**Thinking of setting up your car as a dedicated track car,
but the cost of a truck and trailer is holding you back?**

Or would you like to experience some of the other tracks around the country?

Auto Edge has the solution, we can pick up, transport to track, and return your vehicle back home.

Call for details on our transport programs.



Hours: M-F 7:30 am—6:00 pm

www.auto-edge.com

Email: autoedge@auto-

(651)777-6924



PLASTIC MEDIA BLASTING



Safest and best way to remove paint from fiberglass, aluminum or steel automobiles.

ELECTROCHEMICAL RUST REMOVAL



If it's less than 20 feet long, 10 feet wide, and 8 feet tall, we can clean it in our 6,600 gallon tank and remove all rust in an environmentally friendly process.

OLD WORLD METAL AND WOOD CRAFTSMANSHIP



Before



Metal Fabrication



Panel Duplication



Installed

SHOW WINNING CUSTOMS



Rod and Custom Cover Car

NATIONAL CONCOURS WINNERS



*2002 Buick
Nationals Gold Winner*

CUSTOM PAINT



From Concept and Design



*Through Candys
and Clear Coats by Kirby*

No project too big or too small for our craftsmen in our 8,000 square foot modern shop.

2415 West Industrial Blvd., • Long Lake, MN 55356

Phone (952) 476-4545 • Fax (952) 745-2298 • www.precisionresto.com



Once again, Yann Beatty captures a fabulous early 911 Targa with it's owner at this past June's 40th 911 Anniversary Celebration (and big Get-Together!) at Carousel Porsche where the spacious grounds was a perfect spot to host this gathering. Roger Johnson has promised us a write up for those of us unable to attend! Do go online to view this picture, the car is a very neat shade of brown (don't know the official color but it is strikign!)

BIR GARAGE STALLS AVAILABLE FOR RENT

Call Garfield Clark 612.333.6688


autobahn
 LTD

CORVETTES of MINNESOTA TWIN CITIES AMATEUR MOTORSPORT CALENDAR 2004

DATE	EVENT	SPONSOR	LOCATION
SEPT 5			LOL ELKO
SEPT 13	Met Council Mtg.		
SEPT 25	AUTOCROSS	MAC	MIDWAY STADIUM
OCT 3	Rally-x	LOL	
OCT 10**	(SUN) AUTOCROSS mog 8	MAC	VALLEY FAIR
OCT 17	AUTOCROSS	SCCA (LOL)	LA CROSSE, WI
OCT 31	Rally-x	LOL	
DEC 6	Met Council Mtg		

AARRF also conducts numerous lapping and training sessions at various locations. Contact them for details.
AARRF dates: May 16, July 17&18, Aug 7&8, Sep 18&19

COM = CORVETTES OF MINNESOTA—www.corvettesofmn.com
CONTACT: WALLY MAHLUM 952-431-0630
SCCM = SUBURBAN CORVETTE CLUB of MINNESOTA—www.suburbancorvettesmn.com
CONTACT: RICK GROTHE 952-346-0810
MAC = MINNESOTA AUTOSPORTS CLUB—www.mnautox.com—
CONTACT: DWIGHT McCULLOUGH 763-754-7111
PCA = PORSCHE CLUB OF AMERICA, NORD STERN CHAPTER—www.nordstern.org
CONTACT: BOB KOSKY 952-938-6887
AARRF = ALL AMERICAN ROAD RACING FEDERATION—LlewGAARRF.com
CONTACT: LLEW MONTGOMERY 612-374-3521
SCCA (LOL) = SPORTS CAR CLUB of AMERICA, LAND O LAKES REGION—www.scca-lol.org
CONTACT: DOUG DILL 612-925-1731
NCCC = NATIONAL COUNCIL OF CORVETTE CLUBS
ST CLOUD = MINNESOTA HIGHWAY SAFETY CENTER, ST. CLOUD, MN
BRAINERD RACEWAY = BRAINERD INTERNATIONAL RACEWAY, BRAINERD, MN
MIDWAY STADIUM = MIDWAY STADIUM PARKING LOT, ST. PAUL, MN

**NCCC SUPER WEEKENDS ARE OPEN AUTOCROSSES—MULTIPLE EVENTS PER DAY—
NON CORVETTES are WELCOME**

**MAC now has a website:
<http://www.met-council.org>**

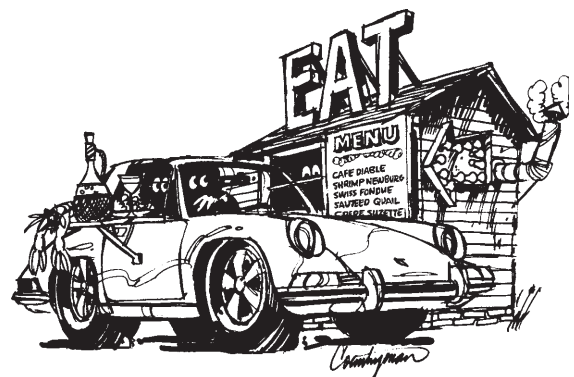
Check for the latest and most accurate information!

*****Report from MAC***

by Bob Kosky

MAC will be doing Mowog 8 at Valley Fair on October 10, instead of at Midway on October 9th. There will be a 150 car limit at \$30 each. But could handle more. Pat Washburn will do course design and Steve as EM.COM will do a color tour on October 9th.

Wally [& Dwight] also reported on the success of the Nord Stern series event. One of the Corvette participants got a 2 second penalty when their side exhaust 'blew over' a cone!



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

Christie Boeder - NORD STERN
11919 Hilloway Rd. W.
Minnetonka, MN 55305

952 593-5544 or email ad to:
editor@nordstern.org

Zu Verkaufen

1981 911 SC Targa

Minerva Blue w/tan leather 77K miles, cup style wheels and new tires. All updates done. All records since new. \$14,900.00 Tom (612) 840-0708.

1978 911 SC

The infamous Johnson Autosport/ Teddy Bear/Polizei car is up for sale. \$35K Tom Johnson (612) 840-0708.

1982 Porsche 911 SC

Excellent condition with only 83,859 miles. Rare steel blue color, whale tail, power antenna, sunroof, newer tires. Many extras including: SSI heat exchangers, Bursch exhaust, 17" Porsche Cup wheels, front radiator oil cooler, sport white face gauges, Momo steering wheel, Clarion stereo with 6-disc changer & remote, alarm system with remote. Records for current & 2 previous owners + maintenance manual. Priced approx. \$2,500 below book value, according to *EXCELLENCE* magazine, August 2004 issue. Must see & drive to appreciate!!! \$16,250 or best offer. Jeffrey, 612-790-1956.

1967 912 Soft Window Targa

91,000 miles, always a southern car with a solid chassis, no accidents, good mechanicals, very nice driver, \$6,500. Phil Saari, 651-484-0303 or ps356er@yahoo.com

1994 Featherlite Econolite

Model 5925, 24 foot enclosed car trailer. 9600lbs gross weight, gravel guard, fully lined, one piece roof and wood floor. Recent service on electric brakes and wheel bearings. New battery. Includes load leveling hitch. Needs a 1/2 ton truck, Tahoe or equivalent tow vehicle. Price \$5,000 phone 612.418.9319 email: rs_america@comcast.net. Phil White

1984 911 Coupe

Dark green with camel leather interior, black dash and trim; electric sunroof. Approx. 116,000 miles. Like new Dunlop SP Sport D-40 M2 tires; black rims with black Porsche crest. Polarized window film on all windows except windshield. After-market CD player. Second-place winner of 1996 Club Race Rally; First place winner of 1999 Octoberfest Rally. Car is stored over winters, and was only tracked at BIR for one Ladies Only event. All maintenance records included. Maintained by Nurburgring, Courtney Motors, and more recently by Johnson Autosport. \$19,500 or B/O. Email Jill & Fred Daneu at jdaneu@aol.com or call 952-432-3486 for more information.

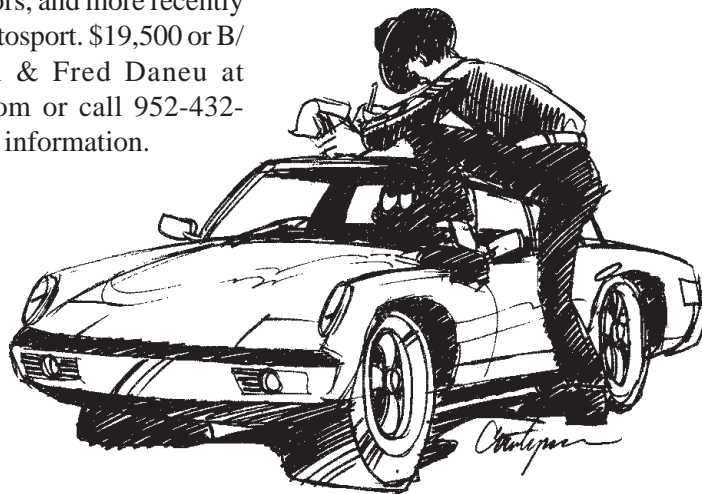
Letters to the Editor . . .

. . . continued from page 13

Another Blackhawk DE and time trial is over. Our history of great weather, quality track time, no bent metal, and nice people continues unabated. The event attracted a record number of participants this year, and everyone seemed to have a good time.

Some special thanks are due. To: All Nord Sterners who made the trip; Brett Bailey and Dale Nelson for timing, which involved a special training session with timing guru Ed Tripett, hauling boxes of timing gear to the track, setting everything up and then gently coaxing our antiquated equipment to actually work; Harvey Robideau for single-handedly handling track clean up; and, of course, Randy Hallenbeck and Dan Matre from Milwaukee Region for doing most of the work necessary to hold such an event.

—Ron Lewis, Nord Stern
Blackhawk eventmaster



Tech Shorts. . .

. . . continued from page 32

Porsche part secrets that just doesn't make sense. But I have learned not to question the ones where I can get an 88% discount! (See figure #3 to compare early and late pedal options)

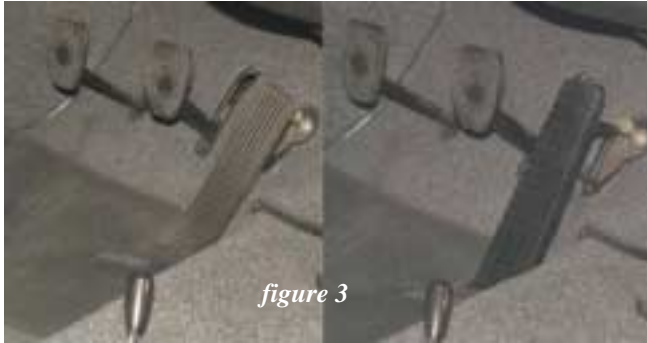


figure 3

Figure 3: (Early style pedal on left) (Late style pedal on right)

After the bottom of the pedal is installed using the new 6mm bolts, you will have to re-connect the top of the pedal. To do this, hold the throttle linkage with a pair of pliers and press it and the pedal together. You will hear a loud snap as they become completely seated.

You will have to remove the stock screw in pedal stop from the floor board, or cut the integrated stop off the back of the pedal so the two pieces don't interfere. The late model gas pedal "upgrade" works for all 911's up to '77 as well as all 914's.

3-Shift coupler overhaul: As old cars get older and things start to deteriorate, you will find the shift coupler to be a weak point. The jointed shift couplers at the front of 911 transmissions are made up of five separate pieces. There is a steel shaft, an aluminum housing, a pivoting pin and 2 plastic bushings.

(See figure #4)

Over the years, Porsche has used several different types of shift couplers. They all provide the same function, varying only

slightly in design, but widely in price. They run between \$85 to as much as \$390, if you happen to have a 924 with a Type-016Y transaxle. Fortunately, all of these pieces have one thing in common. The failing piece will most likely be the plastic bushings. While it's true that each of these parts do have very slight differences in the plastic bushing material, but they can all be repaired with the same bushing kit. The magic kits are manufactured by Daystar products, but can be easily ordered from Performance Products under the Weltmeister name.

The beauty of this repair is that all these cars can use the same kit, which costs less than the sales tax on the 924 piece. This kit (Performance Products part #901747) will run you about \$20 plus shipping and handling.

Repair is as follows:

- ◆ Remove the coupler from the car.
- ◆ Hold the shaft end of the coupler in the jaws of a vise.
- ◆ Using a hammer and punch, drive the pivot pin out of the assembly.
- ◆ Separate all of the pieces and clean the old bushings from the assembly.
- ◆ Press in the new bushings to the aluminum housing.
- ◆ Apply small amount of grease, assemble the unit, and drive pivot pin back into position.
- ◆ Re-install coupler and make final shift linkage adjustments. There are few things better than a new, tight feeling shift linkage, and none cost less than twenty bucks.

Good Luck

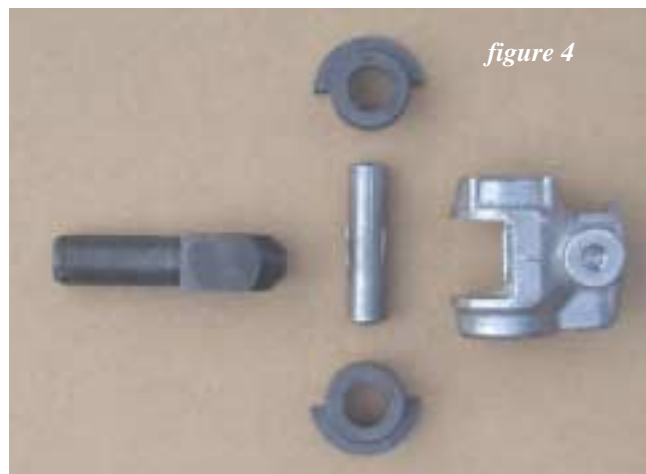


figure 4



Left, Clockwise: Bring on the Brats and Beer!;

Ken Benson's Silver 2000 Carrera 4;

MERCEDES 2005 320 CDI;

Chris and Paul Bergquist of the Mercedes-Benz Club who helped organize the caravan down to the HeritageFest;

Peacock struts his stuff at the Schell's Brewery



Out and About at New Ulm's Heritage Fest in July



All photos by Jill Daneu



Left, Clockwise: Nice Line at this past July's HeritageFest in New Ulm;

The Daneu's park next to the Joneses awesome Zenith Blue;

Paul Bergquist, Roy Henneberger, Susan Jones all wonder 'hmmm, So how much beer is left?';

Another Nice Line Up!;

Susan Jones checks out a BMW formerly owned by Nicholas Cage

All photos by Jill Daneu





NORD STERN P.C.A.

c/o Christie Boeder
11919 Hilloway Rd. W.
Minnetonka, MN 55305

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

ADDRESS SERVICE REQUESTED