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The editor reserves the right to edit all material. Articles and classifieds for publication in *Nord Stern* must be submitted by the  $15^{\rm m}$  of each month prior to publication.

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Online issues, past and present are available in pdf format at http://www.nordstern.org



Cover

Almost an abstract painting ... this photo's text and sense of speed epitomize a passion for Porsches

by Michael Grabner

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# The Prez

by Paul Ingebritsen

ello everyone! One month into my term and I haven't messed everything up yet – plenty of time left for that! I would first like to welcome **Ryan McGee**, our Vice President this year. We'll do our best to make 2016 a great year. As we hunker down for the dark cold months, we have a number of bright spots ahead of us. As I write this, our Holiday Party is coming up on January 16th at the McNamara Alumni Center, U of M. We also have a New Member/Membership Social meeting at Auto Edge on April 9, a Tech Session at Imola Motorsports on April 16, New Member/Membership Social in Rochester April 17and First Fling Driver's Training and Driver's Ed April 29 – May 1 to look forward to.

And uur Business Meetings are held at Grizzly's in Plymouth, the second Tuesday evening of the month and all members are encouraged to attend. Also watch for Porsche and Pancakes outing announcements.

Now is a great time of year to check the Club Calendar on our website (nordstern.org) or the newsletter and get those Nord Stern events on your calendar. You can help out our ever-capable Registrar Dave by registering early, and often!

For our "track-centric" members, make sure your helmet is up-to-date, you will need a Snell 2010 or newer helmet this year for track events.

Lastly, I wanted to share a wonderful, personal Porsche experience with you. I had the pleasure of visiting the **Revs Institute** in Naples, FL over the

Christmas break. This is a little gem of a private motorsports

museum, seen by

appointment only. There are a wide range of cars on display, from the earliest days of motoring to fairly modern race cars. The cars are nicely displayed, without the usual ropes and platforms, so you can actually inspect them quite closely. Because of the limited attendance by appointment, there aren't crowds of people jostling to see the cars.

Especially impressive is the Porsche collection, including a 1949 356SL Gmund Coupe, '58 356 Carrera GT Speedster, a '63 Elva, '59



718 RSK Spyder, '60 RS60, '64 904 Carrera GTS, '60 Abarth Carrera GTL, '66 906 Carrera 6, '67 911R, '69 908 LH, '71 908/3 Proto, '70 914/6 GT, and the mighty '71 917K. Many of the engines are also on display. They ought to issue a drool bucket with each admission! My personal favorite was Ferry Porsche's own red 904 Carrera GTS – truly a work of art! I would highly recommend a visit if you find yourself in Naples!



That's it for now, stay warm and see you at one of the upcoming events. Only 106 days 'til First Fling -

2,544 hours for those of you counting!

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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.
- 2. Next, join Nord Stern
- Visit www.nordstern.org and pay dues via Paypal (http:// usa35.noip) hotlink is on the Join/Renew page.
- Or, send check, payable to Nord Stern, directly to Ed via the snail mail address below.
- Your membership information with PCA will be available for the club's records.
- 3. To **RENEW** an existing Nord Stern membership visit www. nordstern.org and pay via PayPal (link is in instructions on how to Join/Renew or use: http://usa35. noip.me). Or, you may send your check, payable to Nord Stern, to Ed via his snail mail address below.

Or, call Ed directly and leave your name, address and both home and work phone numbers with any questions.

Address Changes:

Please send Ed any address changes or updates directly via snail mail, email or just give him a call!

Ed Vazquez
18918 Dorenkemper Place
Eden Prairie, MN 55347
email: edmn911@aol.com or
612.720.0760 (cell)
Reminder: Annual Dues are:
\$30 per year (defrays monthly
newsletter costs!)

Nord Stern membership Options: \$30 per year \$80 for three years!

Check your mailing label for your expiration date

Contact Ed with any membership inquiries or updates

#### 2016 Nord Stern Officers

#### and Committee Chairs

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DE Registrar Registrar©nordstern.org		Zone 10 Rep: Kim Fritze		
Dave Anderson	763.479.8231		30851 Fish Trap Lake Dr	



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

DT@nordstern.org

Nord Stern February 2016 5

**Driver Training** 

**Fall Color Tour** 

Ron Johnson

John Dixon

#### WELKOMMEN . . . WELKOMMEN . . . WELKOMMEN

#### Welcome . . .

#### New Nord Stern Members

We hope to see you at upcoming events!

# Electrical Control of the Control of

#### James Elasky

Minneapolis, MN 911, 2007

#### **Shawn Howard**

Minneapolis, MN 944, 1983

James Van Pelt

Lake Elmo, MN 944, 1989

#### 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:** Often held during lunch at Driver Training/Driver Ed 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.

**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!

**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!

ord Stern's annual holiday party has come and gone and I have to report that it was a lovely evening! Despite somewhat frigid temps - but at least there was no snow! The McNamara Alumni Center on the U of Minnesota campus (and the parking ramp connected by tunnel was really, really nice!) proved to be a beautiful location and our table decor of red/black (napkins included) lent a particularly 'Porsche' feel to our event. The bar handy, plenty of time to mingle and socialize, food was very good, bite-size desserts yummy, service excellent. And then of course it was fun recognizing the recipients of this year's club awards! Several could not attend but we whole-heartedly recognized and endorsed their efforts in 2015 (and frankly, on-going efforts!). Congratulations to:

- 2015 Nord Stern Service Award, Dave
   Anderson for his multiple roles of Clubtalk maestro, registrar extraordinarie, event organizor and leadership mentoring
- 2015 Volunteers of the Year Award: Kim Fritze, for her efforts as Zone 10 Rep and ambassador extraordinarie within PCA for Nord Stern! And to Doug Anderson, Club

Race Chair who handles a major club event with grace, attention to detail and skillful management of all the volunteers this event requires - the accolades our club receives post-event speak to his dedication and skill.

- 2015 Driver of the Year, Bob Viau, Jr. who continues to lead by example in his role as a driver ed instructor and willingness to mentor, share his skills and teach others at our track events.
- 2015 Friend of Nord Stern, Kevin Tan of Imola Motorsports for his efforts on behalf of the club encouraging his friends and customers to bring their cars to track events as well as his advertising commitment and willingness to host events at the shop.

Congratulations to this year's award winners and as out-going Prez **Mike Sabers** reminded us, it truly is about the people, and not just the cars! His comments about how there really are a bunch of people behind all the events the club puts on, it's that teamwork that make this such a great club with a great reputation within all of PCA! Here's to 2016.

# From the Editor

by Christie Boeder '73 911



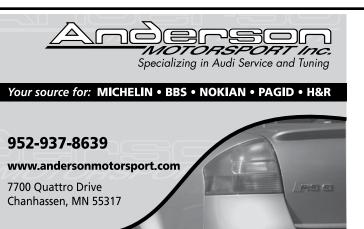


Nord Stern February 2016 7

### 2016 Calendar . . .

### Get Around with Nord Stern

FEBRUARY		2016	26	The Annual All Porsche Show and Swap Meet	
9	Nord Stern Business Meeting (Tuesday)			10 a.m. to 1 p.m.	
	Location: Grizzly's in Plymouth			Roseville's Rosefest - Central Park	
	220 Carlson Pkwy N.			Featuring Porsche "Supercar Corral"	
	6:30 p.m. Social, 7 p.m. Business Meeting			Eventmasters: Phil Saari and Mark Koegler	
	Members welcome!		JULY	20	016
MARCE	I	2016	22-24	Nord Stern Club Race and Driver Education	
8	Nord Stern Business Meeting (Tuesday)			Brainerd International Raceway	
· ·	Location: Grizzly's in Plymouth			Eventmaster: Doug Anderson	
	220 Carlson Pkwy N.			Registration: clubregistration.net	
	6:30 p.m. Social, 7 p.m. Business Meeting		JULY	20	016
	Members welcome!			Casand Annual Auto Lishan	
APRIL		2016	31	Second Annual Auto Lieben	
	C-AI N MI			Afton Alps	
9	Saturday New Members/All Membership Social SEPTEMBER			916	
	Auto Edge, 700 Mahtomedia Blvd, Mahtomedia		7-11	Inaugural Treffen (replaces 'Escapes')	
	10 - Noon - Informational Gathering			Lake Tahoe, in partnership with Sierra Nevada Region	1
12	Auto Edge Pizza Lunch/Tech Session: Noon - 2 p.m.  Nord Stern Business Meeting (Tuesday)			Resort at Squaw Creek in Olympic Valley, California	
12	Location: Grizzly's in Plymouth		16	Nord Stern Last Fling Driver Training	
	220 Carlson Pkwy N.			Brainerd International Raceway	
	6:30 p.m. Social, 7 p.m. Business Meeting			Eventmaster: Ron Johnson	
	Members welcome!			Registration: clubregistration.net	
16	Saturday New Members/All Membership Social		17-18	Nord Stern's Last Fling Driver Education	
	Imola Motorsports, 2980 Empire Lane, Plymouth			Brainerd International Raceway	
	Jeff, 763.205.2561			Eventmaster: Steve Meydell	
	Noon to 2 p.m.			Registration: clubregistration.net	
17	Sunday New Members/All Membership Social		17	Annual German Car Show -	
	Rochester Area!		17	Mark Your Calendars! Location: AutoMotorPlex, w	ith
	1 p.m.			Mercedes Benz Club Eventmaster: Paul Bergquist	IUII
	Gina and Brian O'Neill's Home, 4400 Rossi Ct. NW		30-	Wereedes Benz Cido Eventhaster. I auf Bergquist	
	R.S.V.P. Brian: 507.251.0975 or oneillblo@aol.com		Oct 2	Nord Stern Annual Fall Color Tour	
29	Nord Stern First Fling Driver Training		0002	Headquarters: Blue Fin Bay	
	Brainerd International Raceway			Eventmaster: John Dixon, eyerack@tcq.net	
	Eventmaster: Ron Johnson			or 952 939 9071	
	Registration: clubregistration.net		ОСТОЕ		016
30-					
May 1	Nord Stern First Fling Driver Education!		NOVEMBER		016
	Brainerd International Raceway		8	OLD LOG THEATER EVENT	
	Eventmaster: Steve Meydell			Matinee Performance, Details TBA, with Mercedes	
	Registration: clubregistration.net			Benz Club, Eventmaster: Paul Bergquist	
JUNE		2016			
13-14				"Third Thursdays" of each month	
	DE at RA, Monday and Tuesday joint venture with			An Informal 'Post-Work' Social at	
	Milwaukee. Don't miss two BEST days of DE anywho	ere!			
	Eventmaster: TBA			CLUB JAGER	
19-26	Porsche Parade 2016			923 Washington Ave. North,	
	Jay Peak, Vermont			Mpls, MN 55401 612.332.2686 website: http://clubiager.com/	
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NORD STERN FEBRUARY 2016

# Club Talk'

Courtesy Clubtalk

#### The New ClubTalk Email Listserv has Arrived!

he new server will be a step up from the version we're currently using. You will have full control of your email address registered to the ClubTalk distribution list. You can change general information about you including password access, switch to a digest mode instead of getting individual messages, send/receive HTML formatted messages that allow attachments, or automatically unsubscribe if that's what you prefer. We'll be able to support additional distribution lists for those special topics: 951, ClubRacing, or maybe even bring back TechTalk?

To subscribe or unsubscribe via the World Wide
Web: http://listserv.nordstern.org/mailman/listinfo/
clubtalk or, via email, send a message with subject or
body 'help' to clubtalk-request@listserv.nordstern.org

— David Anderson, Nord Stern, Registrar

#### **PCA Club Racing Winners**

CA Club Racing has announced the National Championship Winners for 2015. Congratulations to **Brad Lano** for placing 3rd in the GT3 class!

For those of you that don't know, Brad moved to Arizona but remains a Nord Stern member. While he doesn't actively race in the upper Midwest any longer, it's good to see a Nord Stern member on a national podium again this year!

- David Anderson

#### 2015 Porsche Escape

ote, our very own **Todd** and **Kathy Smith** won the People's Choice award in their class at the Escape to Rushmore out in Rapid City, SD! Congrats to Kathy and Todd.

Klaus Schneegans

Photos right and below, from Escape to Rushmore 2015, by Dave Anderson









# Time to Renew Your Subscription

# 2016 *Nord Stern* Dues Due Make it Easy: Pay ONLINE!







Dues are: \$30 per year \$80 for 3 years

\*\*\*Life Member??

\$20 per year donations now being accepted to help defray printing costs!'

Take care of those dues so your Nord Stern newsletter will continue to be mailed monthly for your viewing pleasure! (the label on your newsletter indicates year subscription expires.

For example, 2015 means it expires 12/31/15)

Membership/Renewal Chair:

Ed Vazquez 18918 Dorenkemper Pl Eden Prairie, MN 55347-4287 612.720.0760 (c) 952 934 5093 (h) edmn911©aol.com



# Nord Stern Business Meeting Minutes

### January 2016

by Betsey Porter Secretary

eeting called to order by **President – Paul Ingebrigtsen** at 7:04 p.m.

- Paul joined on the phone from Florida.
  Looking forward to the Holiday Party!
  Mike Sabers let Ron know that the year-end
  awards are ready. Mike's brother Steve has
  the President's briefcase and will pass it on
  to Mike at the party.
- Vice President Ryan McGee Happy to be here!
- Treasurer Jeff Bluhm No report
- Advertising Lara Dant

Per Ryan, Lara has received some insertion orders for 2016. She has also sent out more reminder emails to advertisers.

- All Porsche Show Phil Saari and Mark Koegler
   No report
- Autocross Andy Golfis
   No report

#### Board of Directors

New board will meet on Sunday Ryan has been invited to attend. Will ask Jeff to attend as well. Jim and Mike are working on getting the gift pen for outgoing president Mike. The Escape video has

opened up some great opportunities, per Ron. The national advertiser for Porsche,

Solve Advertising, has invited Ron to join a steering committee to

focus on "reasons why you should own a Porsche".

They are going after the "Club" aspect. Solve would like to come to a Porsches & Pancakes and might also

attend other events this summer.

Also looking to put together a focus group with 30-plus members. This is a great opportunity for Nord Stern!

- Charity Chris Tobkin No report
- Club Race Doug Anderson

  No report, Doug is searching for volunteers
- Driver Education Steve Meydell
   Have Eventmasters for all events. Will not
  have a Porsche & Pancakes in January.

Porsche & Pancakes in February is TBD and Steve is looking for a speaker. Steve and Paul will connect at the banquet.

#### • DE Registrar - Dave Anderson

58-ish registered for Holiday Party. DT for First Fling and Final Fling are set up in Club Registration. Will create the DE's this week once costs are confirmed. Recommendation is to keep costs the same this year. We will share advertising on Cheese Fling with Milwaukee Region. Thank you to Dave for the updates to Club Talk!!

#### • Driver's Training - Ron Johnson

Working on cleaning up the instructor list. Will send out an early call for First Fling so we have enough individuals. We will continue offering Advanced Lapping on the short track on Fridays. Will offer instructors a deal on track time if they assist with Advanced Lapping. Will check with Milwaukee to see if they are holding a PCA Instructors School at Blackhawk this year. Two Nord Sterners attended last year.

#### • Fall Color Tour - John & Suzanne Dixon

Ron indicated Nord Stern member Jim Holton would like to host a fall color tour out of his business (host would be the new Pier B resort being built/developed on the harbor) in Duluth. Suggest that John and Jim get together and discuss.

#### • Historic Archivist - Kim Fritze

Kim handed her original documents to Dave for him to scan and will give the originals to Paul. Kim suggests we look at our bylaws to see if there is anything that needs updating

### • Insurance – Michele Deml Johnson No update

#### • Membership - Ed Vazquez

Ed is in Mexico. Ed called Dave before he left. He has sent in LOTS of renewal checks to Jeff Dave will check PayPal for membership renewals and update the spreadsheet for Ed and Christie. New Member Socials are set for Auto Edge – April 9, Imola – April 16, Rochester TBD – April 17

### Met Council – Bob KoskyNo report

# Nord Stern Membership Socials!







April 9, 2016

**SATURDAY** 

10 a.m. to Noon Auto Edge 900 Wildwood Rd. Mahtomedi

Bob Viau 651.777.6924

Pizza Lunch Followed by Tech Session 12:30 - 1:30 p.m. **April 16, 2015** 

**SATURDAY** 

Noon - 2 p.m.

Imola Motorsports 2980 Empire Lane Plymouth, MN 55418

Jeff, 763.205.2561

April 17, 2016

**SUNDAY** 

**Meeting in Rochester!** 

1 p.m.

Brian & Gina O'Neill 4400 Rossi Court NW Rochester, MN

Brian: 507.251.0975 oneillblo@aol.com

# 2016 NORD STERN NEW MEMBERS/ALL MEMBERS INFORMATION MEETINGS

Find out What we do, When we do it, and how YOU can do it. Learn about our: Driving Schools, All Porsche Show, Day trips/tours, Social/Dinner Events, North Shore Fall Color Tour, Low Speed Autocrosses, High Speed Track Driving, National Club Racing Program, Charitable events!

These Socials are your chance to find out more about Nord Stern's upcoming activities and meet other club members! New members please contact Ed Vazquez, Membership Chair at edmn911@aol.com.

All Nord Sterner's Welcome: new, old, young or just curious, this is for you!

## The Car Museum That Isn't

by Mike Nelson

hen visiting an automaker's museum, one generally expects to see a lot of cars of historical significance arranged in chronological order with some additional artifacts or significant facts about each car. But there's one car museum that isn't about the cars: Toyota.

I had the good fortune to be in Nagoya, Japan, a.k.a. Toyota City, last year and Toyota had just opened their newly refurbished museum. They were eager to show it off and I was eager to see how the world's largest automaker would share and display their automotive heritage.

The museum I saw was all about technology, manufacturing, and the environment with cars being an afterthought at the end. I saw a whole bunch of Toyota's version of the Segway highlighted by a polite Japanese girl riding one around the museum non-stop. They had a large display to share information about kaizen/continuous improvement, a foundational principle for the company which is often emulated but rarely duplicated.

Of course I saw a technical display of Toyota's brilliant hybrid power train and various operating strategies. I saw a lot of information about Toyota's recently launched fuel cell vehicle, the Mirai, including a full cutaway of the vehicle showing the dual storage tanks and fuel cell stack. Related to these technologies is their positive impact on the environment, recyclability, and sustainability.

Lots of good stuff but nothing there for the enthusiast.

クが取り組む。 トモビリティ社会 SAFETY

Sadly, I didn't get to see the rally Toyota Celica's that won four World Rally Championship driver's titles and three constructors titles in the early 90's. I didn't get to hear their perspective on being banned

from rallying by the FIA for running "illegal" parts, something that is very radical for such a conservative Japanese company to do.

I didn't get to see any details on the spectacular but

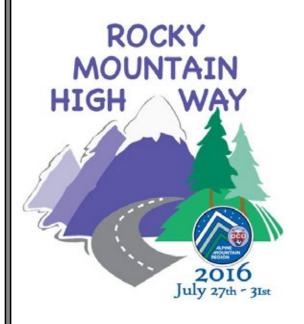


Toyota's vision of personal mobility in the future.

"failed" LeMans and Formula 1 efforts in the early 2000's eventually leading to FIA accusing Toyota of industrial espionage for stealing from Ferrari, yet again another radical situation. There was nothing shown about Toyota quitting F1 in 2009 and focusing all their racing efforts on NASCAR (of all places/series). And, as expected, there was no data displayed on the unintended acceleration debacle from 2009 and 2010 but I was hopeful I'd see at least something about it now that the US DOT has exonerated the company.

The powers that be in the executive offices decided to focus on sales volumes and production optimization in the mid 2000's, letting motorsports and sports cars slowly fade into the background. After developing and building the engineering exercise that was named 2011 Lexus LF-A with marginal success, it had to be very humbling to call on Subaru to engineer an entry-level sports car on Toyota's behalf. It had to be hard to talk BMW into building their next sports car due in 2018.

The good news is that Toyota's CEO, Akio Toyoda, has relit the candle on enthusiasm for cars. He's an avid racer and his LF-A sits in the lobby of the engineering center. He's instructed all of the vehicle engineers to make cars fun to drive and emotionally satisfying.



#### Why Should I:

**Come to Colorado:** Enjoy the dry mountain air, wide open spaces, all in the company of your best Porsche friends.

**Tour:** Drive roads that were seemingly built for Porsches. Twisty, scenic, and all nearby our base of operations. See some of the sites in an area that has so much to see.

**Gimmickhana:** Your Porsche is all about precision – its construction, the cornering, and the whole driving experience. That's what this event is all about, in a low speed, safe environment.

**Golf:** If you like golf, you have to play at altitude, where the ball flies further, against stunning mountain backdrops. Plus, how about playing an exclusive private club that even the locals never get to play?

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### A Few Fun 'Facts'

The Truth About Tools

courtesy Kurt Gibson, via Internet, originally published Nord Stern 2001 HAMMER: Originally employed as a weapon of war, the hammer nowadays is used as a kind of divining rod to locate expensive parts not far from the object we are trying to hit.

MECHANIC'S KNIFE: Used to open and slice through the contents of cardboard cartons delivered to your front door; works particularly well on boxes containing seats and motorcycle jackets.

ELECTRIC HAND DRILL: Normally used for spinning steel Pop rivets in their holes until you die of old age, but it also works great for drilling mounting holes in fenders just above the brake line that goes to the rear wheel.

PLIERS: Used to round off bolt heads.

HACKSAW: One of a family of cutting tools built on the original sin principle. It transforms human energy into a crooked, unpredictable motion, and the more you attempt to influence its course, the more dismal your future becomes.

VISE-GRIPS: Used to round off bolt heads. If nothing else is available, they can also be used to transfer intense welding heat to the palm of your hand.

OXYACETYLENE TORCH: Used almost entirely for lighting various flammable objects in your garage on

fire. Also handy for igniting the grease inside a brake drum you're trying to get the bearing race out of.

WHITWORTH SOCKETS: Once used for working on older British cars and motorcycles, they are now used mainly for impersonating that 9/16" or 1/2" socket you've been searching for the last 15 minutes. DRILL PRESS: A tall upright machine useful for suddenly snatching flat metal bar stock out of your hands so that it smacks you in the chest and flings your coffee across the room, splattering it against that freshly painted part you were drying.

WIRE WHEEL: Cleans rust off old bolts and then throws them somewhere under the workbench with the speed of light. Also removes fingerprint whorls and hard-earned guitar calluses in about the time it takes you to say, "Ouc...."

HYDRAULIC FLOOR JACK: Used for lowering a motorcycle to the ground after you have installed your new front disk brake setup, trapping the jack handle firmly under the front fender.

EIGHT-FOOT LONG DOUGLAS FIR 2X4: Used for levering a motorcycle upward off a hydraulic jack.

TWEEZERS: A tool for removing wood splinters.

Just a Few Pics Holiday Party Time!



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# Where We Were -Where We Are -Celebrating 55 + Years of Nord Stern



ditor Dodie Mueller reprints a letter from another region. The writer, a new member there never got welcomed or got to know anybody after attending multiple meetings; he quit and wrote a letter to the editor. Twenty six years later in the January 2016 Nord Stern that just arrived in my mail box our distinguished Editor Christie Boeder is tackling the same problem. She encourages members to attend a monthly meeting and "meet someone you didn't know". The Force must be strong between Nord Stern Editors.

- Ron Faust

#### February 1990

The cover features Gary Emory's B Coupe at the 356

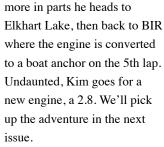
Registry West Coast Holiday in Sedona. Mr. Emory runs "Parts Obsolete" and the car is subtly modified, becoming what the 356 people call an "outlaw". 911 headlights, hood handle removed, rear louvers, valance and wide wheels are noted.

The calendar includes a February tech session at Fallon McElligot advertising agency which is sold out. That agency had the national Porsche ad account at the time and had put a mint '63 356 Coupe in their new office on the 31st floor of a building in Minneapolis (during construction). When

the ad contract moved, the car was cut in thirds to come down the freight elevator, then reassembled by Todd **Hoeft** and **Bob Johnson**. It's still on the road, in Arizona, according to my chimney sweep.

- A tech session in Northwest Airline's simulator facility and a Ribs and Bowling event are on the calendar.
- John Mueller raves about his trip to the West Coast Holiday in Sedona, AZ. The 356 Registry holds one of these meetings on each coast annually. These are much more laid back than the PCA Parades.
- Kim Crumb writes another two-page saga continuing on his 1989 racing season. He describes the road course at Gratten, Michigan corner by corner, then goes to Traverse City for

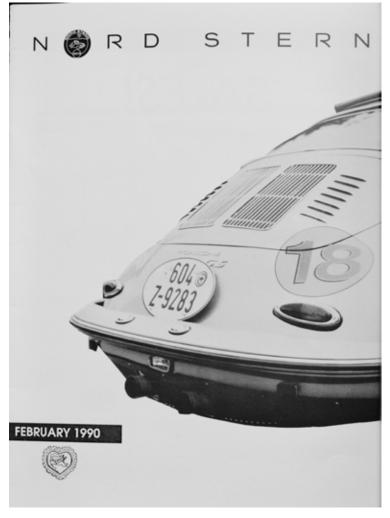
the PCA Parade. After \$1,200 more in parts he heads to where the engine is converted Undaunted, Kim goes for a new engine, a 2.8. We'll pick up the adventure in the next



#### Don Lawrence

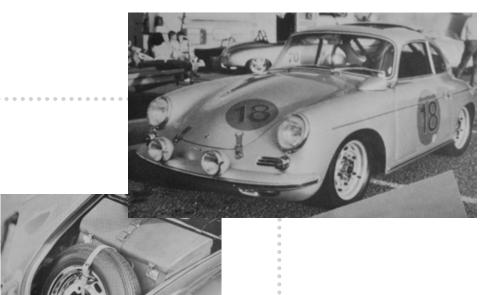
authors a technical article explaining why it's important to change coolant every two years. The same goes for brakes which also share fluid with the hydraulic clutch cylinder in 944's.

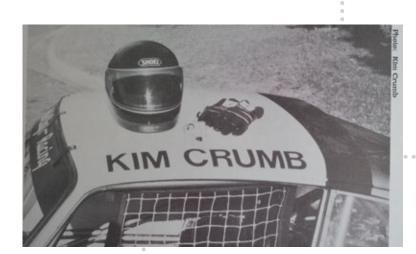
The Market includes two '63 Coupes, both priced in the mid \$20's. 356 values were starting to rise.



Left: Gary Emory's B Coupe at the 356 Registry West Coast Holiday in Sedona, 1989. More photos are in the "scans".













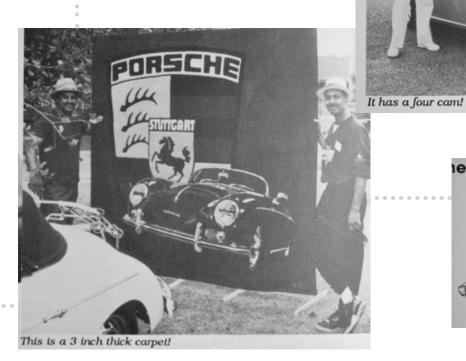
NORD STERN FEBRUARY 2016

## The Scans Continue . . .



Pre A, note the wheels!

Love the umbrella on the baby!



Maintenance

On to the

20 NORD STERN FEBRUARY 2016



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Nord Stern February 2016 21

#### Minutes . . .

continued from page 15

#### • Newsletter - Christie Boeder

Christie is almost done with February issue.

Things are fine. Dave is working on making flipbook pdf files from archived, old newsletters. Suggestion is to start with newest year and work backwards

#### • Octoberfest - Paul Bergquist,

Mercedes Benz Club No report, date is September 19.

Rally and Drives – Lon Tusler

#### • Safety - Paul Ingebrigtsen

Laura is willing to continue with us at BIR. Red Light Rescue will continue too. Provide reminders about new helmets on all our platforms.

#### • Social Committee

No report

No report

#### Shop and Tech relations – Keith Fritze

No report, Kim will remind Keith to get going on tech sessions

#### Touring – Randy Walker No report

#### • Track Relations - Jim Bahner

No report, Michele will get copies of track contracts from Jim

#### Webmaster – Mark Kedrowski No report

#### • Zone 10 Rep – Kim Fritze

Julie Bailey will be the new Zone 10 Rep! She is a Club Racer and Kim is pleased with her appointment Kim will transition to National Membership Chair, in addition to remaining National Audit Committee Chair.

#### Old business

none

22

#### New Business

We welcomed new member Jim Foster to the meeting.

- Meeting adjourned 8:19 p.m.

# Morrie's Teen Defensive Driving Schools 2016

t's hard to believe that Morrie's Teen Defensive Driving School is kicking off its third season this spring. To date nearly 200 teens have become safer drivers thanks to a program emphasizing accident avoidance and teaches real-life driving skills new drivers simply don't learn in traditional driver's education courses. This program provides an enormous service to the community. Response and participation has been incredibly positive and for that reason demand far outweighs supply. Last year the program quickly sold out so interested individuals need to visit the registration page sooner than later!

#### 2016 School Dates:

Saturday, April 23

Saturday, May 14

Saturday, June 25

Saturday, August 20

Saturday, September 24

Saturday, October 22

Saturday, November 12

For 2016 the school will be held at Dunwoody College in Minneapolis. Each Saturday runs from 8 a.m. to 4:30.p.m.

- WHAT IS INCLUDED? Morrie's will provide a light breakfast and lunch for attendees. A selection of beverages will be available throughout the day.
- WHAT TO BRING? Students see the most benefit when they take the course in the car
  that they drive most often, therefore this car should be brought to the school. Each car
  should be in working order and will undergo an inspection prior to in-car exercises. The
  school will run rain or shine, so be sure to prepare for the day.
- WHO SHOULD ATTEND? Young drivers ages 15 to 19 must possess a valid state issued learner's permit or driver's license. We also ask that a parent or guardian attend the school.
- HOW MUCH DOES IT COST? The course costs \$129. Info: http://www.morries.com/ custom/teen\_driving\_school

Watch the Karell story on Morrie's Teen School: http://tinyurl.com/qaabjes.

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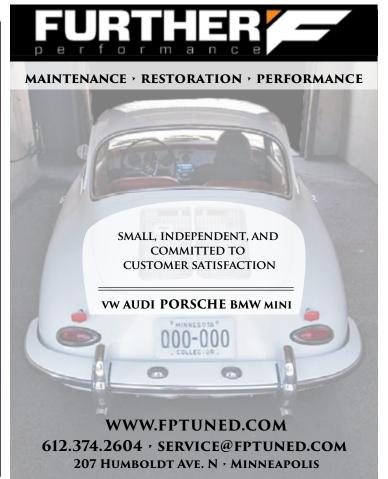
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# Porsche Collectibles:

Porsche
Factory
Racing
Victory
Posters

by Prescott Kelly, Connecticut Valley Region (from THE WINDBLOWN WITNESS) Republished in Nord Stern 2000

orsche factory-issued posters that commemorate Porsche's racing victories were among the earliest Porsche collectibles. While car owners kept sales brochures for their cars and sometimes other models, and while toys and models were sometimes placed on desks and shelves, the racing victory posters were gathered from their first issue for their beauty and significance. Owners of early 356s were proud, perhaps even anxious, to have the affirmation that Porsches were capable of competition successes, both to justify their purchase of such a quirky little car and out of enthusiasm for its superb engineering. Porsche had little to brag about in the earliest years. Fortunately that changed at about the same time that a graphic designer named Erich Strenger met a journalist named Richard von Frankenberg. That autosports journalist also happened to be working for the fledgling Porsche firm in public relations, marketing, and racing. In fact, von Frankenberg was a good driver and drove for the factory in many important races, including piloting Spyders at LeMans every year 1953 though 1958 (with class wins in 1953, 1955, and 1956).

When the factory decided that the 1951 LeMans victory deserved to be commemorated in a poster that could be hung in dealerships around the world,

von Frankenberg recruited Strenger to do the art. Thus began Erich Strenger's long relationship with the factory, designing and painting posters (and later taking photographs for them), designing and painting covers for sales brochures (see Windblown Witness, June, 2000 issue), and serving as art director for the

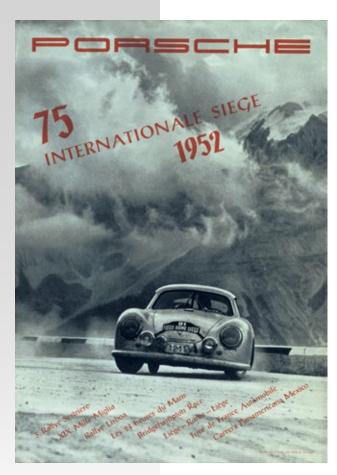
The number two factory poster references three class wins and one overall victory. It is even more rare than the number one poster, but probably not quite so valuable, although much sought after.



This poster is available in at least two surprints: the one shown here and another commemorating the Liege-Rome-Liege Rally of 3,250 miles in a Gmund coupe driven by Polensky and Linge, which is where this photograph was taken.

factory magazine, Christophorous. In the June, 1951 running of LeMans a Gmund-built 356 was driven to the 750-1100cc class victory by the August Veuillet (the owner of Sonauto, the new French distributor for Porsche) and Edmond Mouche.

Porsche's first ever victory poster followed soon after. It featured a red 356 coupe on the track in front of a hand holding a stopwatch, all against a blue background. The car depicted carried the Veuillet/Mouche car number from LeMans, #46, but with the coupe looking distinctly more like the current production car than the silver-paint Gmund chassis that ran at LeMans. This poster also started a procedure that was followed for about six years of printing the four- color posters with only art, and later surprinting in black the race(s) to be commemorated. In fact Strenger later reported that he believed this image was printed in only 500 copies. We know of three versions: (1) Blank—with only the art and no surprint; (2) Porsche's September, 1951, speed records at Monthlery (in International Class G-100.55 mph for 500 miles, 101.23 mph for 1000kms and 101.17 mph for six hours); and (3) "Porsche meldet neue successes" ("Porsche announces new successes") to commemorate Briggs



Cunningham's December, 1951, class victory at the Palm Beach road races and Picard/
Nizza's class victory in Morocco. Of interest is the fact that despite Strenger's memory that the 1951 LeMans victory spurred the factory's interest in issuing posters, there is no known LeMans imprint of the first poster.

This writer knows of five number one posters in this country. Three are blanks, one is the Cunningham/Picard surprint, and one owner is being very coy about which depiction he has. The art on this poster is very strong, with sharp contrasts and a very slightly impressionistic version of the automobile, which accentuates the impression of speed.

Value? Don't ask. In about 1987, one of these posters sold for \$5,000 to a Connecticut collector. To the best of my knowledge and those of my collector buddies, no number one poster has sold since in this country. My best guess is that today one priced at \$7,500—\$10,000 would find a home. Above that? Sure, anything is possible, especially with Ebay in full sway. I know of several collectors actively seeking this image in any surprint. Got one rolled up under your bed? Call the insurance company and get it covered!

The number two poster may be even more of an enigma. It shows an early Porsche cabriolet—very possibly because Cunningham's victory in the 1951 Palm Beach road races was in a cabriolet. This 1952 poster is also a Strenger painting, of course, and again it is slightly impressionistic, although with less implication of speed than in the number one poster. The only version known commemorates four competition victories: the Cannes Rallye Du Soliel (class win), the Italian Sestriere Rally (class win), the Wiesbaden Rally (overall victory), and the Lisbon Rally (class win). This poster is even more rare than the number one poster, although less valuable just because it is number two. The other important 1952 poster features a photograph of the Gmund coupe, which ran the Liege-Rome-Liege Rally in mid-August. Porsche won overall

with Polensky and Linge driving and Porsche issued commemorative posters in at least German and English. We believe it to be the first English language Porsche poster. So far, we don't know of a French language version. The same image is better known in a second image (also issued in both German and English), Winner of 75 International Rallies and Races in 1952. Across the bottom, on an angle, are printed eight races and rallies: the Sestriere Rally, the 19th Mille Miglia, the Lisbon Rally, LeMans, Bridgehampton, Liege- Rome-Liege, the Tour de

France, and the

Carrera Panamericana. These posters are somewhat more common than the other two reviewed here. An English language Liege-Rome-Liege version, with some important restoration, sold a couple of years ago for over \$3,500. Be careful! There is a reproduction poster in circulation with the 75 Victories surprint, a great many of them having been printed in the 1980s. It is typically found with a white border, but if that border is trimmed off, you might be fooled. Ask someone knowledgeable for help if in doubt.

With these posters Porsche started a tradition which persists to this day. The factory has issued over 300 racing commemorative posters, and probably even more of the less sought after (and much less expensive)



This version of the number one Porsche poster commemorates two victories, one by Briggs Cunningham at the Palm Beach races and one by Francois Picard in Morocco. Got one? It could be worth \$10,000+.

showroom posters of street cars. Many of the later ones, of the 917/10 and 917/30 Can-Am victories for example, are very desirable.

#### February Quiz Answers

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NORD STERN FEBRUARY 2016 25

#### Toyota . . .

continued from page 14

As for racing, Toyota won the NASCAR constructors championship for the very first time in 2015 with the "Camry". Toyota is racing in the World Endurance Championship and will go back to factory-supported rally cars in 2017.

All of these efforts, directives, and partnerships have to pay off, right? Does Toyota have it's mojo back? Will they be able to take their legendary reliability and manufacturing prowess and add emotion to that equation to enable them to make world class driver's cars? Rumors have it that the new Lexus GS F is the poster child of being competitive with a 467hp V8 giving the car a 0-60 time of 4.5 seconds and it handles exceptionally well. They have to start somewhere and the premium luxury performance segment seems like a nice place to begin.



They did have about 20 cars from current production at the end of the tour. Unusually, they were completely open and available to sit in and play around with, just like visiting a car dealership. I have been told that on my next visit they will show me a refurbished museum that focuses on cars. And not just Toyota's cars but cars of historical

significance from around the world. They are seeking inspiration from global benchmarks in history and applying the best of the best to their new cars and trucks. Looking forward to that!



Photos: Above, left: Lexus LF-A race car is the CEO's

Above: Fuel cell vehicle showing one of the storage tanks
under the rear seat and the fuel cell stack under driver's seat.



his is another review about books that describe the cars that launched PCA 60 years ago, and engendered the enthusiasm that made PCA successful.

Although not contemporary with the early years of PCA, THIS BOOK focuses on the cars of the first ten years of PCA. Dubbed as a picture book, there are far more pictures than text. The text tells the story of the development of Porsche cars and the Porsche Company, and the pictures support the story.

The impetus for the book was 'discovery' of a collection of photos in the *Road & Track* archives. Also having an association with the publisher of *Excellence*, this book reads like a magazine, with each one or two page spread standing alone as an illustrated article. This arrangement of stand-alone 'bite size' snippets of information makes **PORSCHE 356 & 550** ideal for 'throne room' reading.

While the work of several different photographers is included, most of the pictures are by the author. Because of the author's original photos, this book is refreshingly free from the repetitive display of 'Factory' pictures, which have become a curse to modern books on Porsche. The author takes care to choose unique photos, so even those covering the first racers and the 50 Gmünd cars are refreshingly different from usual fare. True, some pictures were previously published in *Christophorus*, but that fact only serves to endorse the quality of Mr. Rasmussen's photography. Not all photos date from the days of the founding of

PCA. Some are from the '80-'90s era, but present accurate restorations of some unique early 356's. Several of these special cars are from the Chuck Stoddard collection, but several other American-owned cars are illustrated.

There are nine chapters, essentially focusing on different model eras, ranging from "Humble Beginnings" dealing with the Gmünd years, to "The Last Hurrah" dealing with the 356C. It is hard for modern eyes to believe that Porsche produced winners from the crude, rude and unsophisticated race shops shown in "The Racers Edge" chapter.

Two mildly jarring notes occasionally intrude on this very pleasant read. Concours is spelled with an 'e' and 0-60 acceleration times on the order of 10 seconds are presented as if they were great achievements. All in all **PORSCHE 356 & 550** presents a pleasant non-technical synopsis of Porsche's 356 era. "Coverage of 356 models is complete and comprehensive, but while the 550 is accorded an entire chapter, the 718 spiders and the 904 are not mentioned.

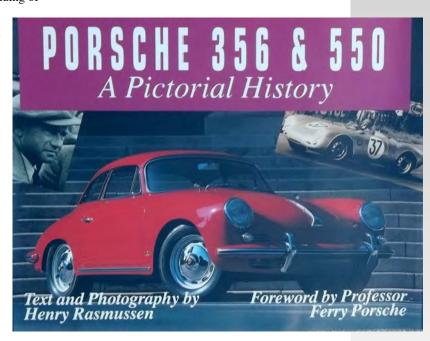
Hardbound book with 160, 11 x 8-1/2 inch heavyweight glossy pages, including 98 color photos and 155 black and white photos and illustrations, **PORSCHE 356 & 550** is currently available on Amazon Books for \$29.61 used or \$150 new.

Book Reviews for Porschephiles . . .

PORSCHE
356 & 550
A Pictorial
History

by Henry Rasmussen, published in 1992 by Top Ten Publishing Corp, Novato, CA

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



Nord Stern February 2016 27



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# nurburgring,inc.

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..working at a Union 76 station in 1970, I completed my first oil change on a 1969 Porsche 912.

I have been a professional Porsche mechanic ever since that humble beginning 40 years ago.

For 33 of those years, I have provided uncompromising service to Porsche owners at the Nurburgring, Inc.

Of recent, I have accepted an opportunity to continue my career in a new direction.

I will be a curator for a private Porsche collection.

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

Rick Moe nurburgring, inc. dasring.com

heard the scream even before I heard the rumble of the truck. My bedroom clocked showed 6:42 a.m.

Whatever was going on in the street below shouldn't be happening; at least not at this ungodly hour.

After all, I live on Montcalm Hill. A calm, peaceful and pastoral St. Paul neighborhood.

My street is named after the heroic French general Louis Joseph de Saint Veren Montcalm. Killed in an 1832 battle with the British, the general is long dead but his name lives on here in St. Paul. I don't really know how his name got attached to my street; probably some enterprising developer who thought the name added class.

We Montcalm people are not really snooty though. We cut our own grass, do our own gardening. Turns out, in fact, that roses were at the root of the screaming, shouting episode outside my window. Roses and a monstrous flat bed truck.

"Trucks don't belong here!" my enraged neighbor yelled. She was knee deep in squished rose bushes. The hapless trucker probably learned some new profanities as her words mercilessly assaulted him. The petiteand usually soft spoken—lady demanded to know why this behemoth vehicle was her crushing her beloved roses.

What was this truck doing? It was coming to pick up another of Ken Kamstra's "classic" but inoperable cars. We true car affectionados all know, of course, that only flat bads— even 70 foot long ones—can be used to rescue our beloved chariots. No self respecting auto addict would subject his car to the brutal indignities of ordinary hoist-and-drag towing. It would be no less heart wrenching than watching one's children being

hog tied and hauled off to a labor camp.

This summer three lumbering trucks have defiled the sanctity of Montcalm by coming to the rescue of one of my aging autos. None are really 'collector cars.' Instead, they are just old cars that— for the past 35 years—I couldn't bear to sell.

They were not always a neighborhood embarrassment. Back in '77 when we moved to Montcalm, these cars enhanced our image, especially among young boys.

"Hey, what a neat car!" they would yell as I tooled around in, say, my '69 Mercedes and or maybe my '74 BMW CS Coupe. Even auto immune parents would admire them.

But time takes its toll, the rescue trucks keep coming.

My cars, lovingly cared for but too seldom driven, have begun to show signs of old age. No amount of exterior shine and glitter will deny the reality of aging. The Porsche, for instance, refused to start one day when a defective alarm alerted the car that I was an "unauthorized" driver. It's running again, but a once mutually loving relationship with the car has deteriorated tone of mutual distrust. (editor's' note: Ken did get another P-Car!)

My beloved Mercedes locked itself into neutral recently and refused to move another inch. I've had days like that but for the Benz it was flat bed time.

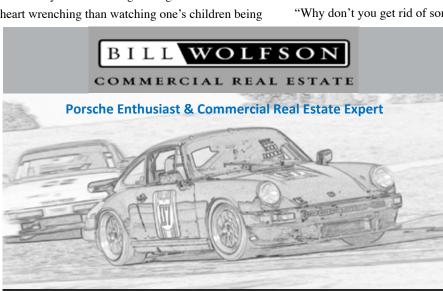
I've achieved an uneasy peace with my rose-loving neighbor but not before I coughed up cash for new bushes and promised no more trucks. Wife, Marion, is another matter . . .

"Why don't you get rid of some of those darned

cars?" she pleads with increasing frequency.

I can understand her frustration. And her humiliation. Her neighborhood friends are all married to normal, mature, guys. Guys who drive sensible Buicks. Ford Explorers, Volvos and the like.

Their cars are never hauled away on flat bed trucks.



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### Carmudgeon Chronicles

by Ken Kamstra, Reprinted from December 2004, Nord Stern,

Editor's note: it's been more than a decade since Ken's columns ran and many Nord Stern members aren't familiar with his writings so 'time to reprint some!"

NORD STERN FEBRUARY 2016

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#### Tech Quiz Fun: 2012 Parade Q & A

Courtesy PCA Newsletter Editor

ditor'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 15 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. The 911GT3R Hybrid has a 4.0-liter six cylinder engine developing 480 hp. Two electric motors rated at \_\_\_\_\_ hp each are mounted on the front axle
- a. 150
- b. 100
- c. 81
- d. 78

Porsche Intelligent Performance 2/11 Edition pg. 17

- 2. Herbert Muller drove a Porsche engined sports racer to second in the 1964 European hillclimb championship. Who manufactured the lightweight chassis?
- a. March
- b. Elva
- c. Lotusd. Abarth
- Porsche Double World Champions 1900-

orsche Double world Champions 1900-1977 Richard von Frankenberg pg. 191

- 3. The Group 6 model 936 was prepared in great secrecy for the 1976 World Sportscar Championship and on Dr. Fuhrmann's orders the car was painted black for mid winter development.
- a. True
- b. False

Porsche Double World Champions 1900-1977 Richard von Frankenberg pg. 237

Questions 4 - 6 and Illustrations A through C deal with coachbuilt cars using Porsche components.

4. Which custom body commissioned by John von Neumann is on a 911 rolling chassis?

- a. Illustration A
- b. Illustration B
- c. Illustration C

Porsche 911 Performance Handbook Bruce Anderson 1963-1998 3rd Edition pg. 10







Illustration A, B, and C (top to bottom

- 5. The coachbuilder of the car in Illustration B is?
- a. Bertone
- b. Beutler Carrosserie
- c. Carrozzeria Zagato

Legendary Porsche – Randy Leffingwell pg.47

- 6. The chassis is pure 356B and a total of 20 of these 1588cc cars were contracted for.
- a. Illustration A
- b. Illustration B
- c. Illustration C

Le Mans Porsche John S. Allen pg.9

- 7. In 1979 Porsche Engineer Rolf Sprenger started a department for modifying customer cars known as
- a. the Special Wishes Program
- b. the Custom Service Program
- c. the Porsche Exclusive Program
- d. the Money Talks Program

Legendary Porsche – Randy Leffingwell pg.192

- 8. The first race for the 956 was Silverstone where the car weighed 1,804lbs. The next race, LeMans, the car weighed 88lbs more because it carried a box with tools, spare parts and extra lights.
- a. True
- b. False

Legendary Porsche – Randy Leffingwell pg.184

- 9. Ferdinand Piechs' 904/8 Kanguruh Bergspyder has been described as the ugliest Porsche ever.
- a. True
- b. False

Legendary Porsche – Randy Leffingwell pg.91

- 10. All works 956's ran the blue and white colors of Rothmans.
- a. True
- b. False

LeMans Porsche - John S. Allen pg. 98

- 11. Introduced at 1965 Frankfurt Motor Show Porsche introduced the 911 Targa. The open top car was marked by a distinctive stainless steel covered roll bar. What was the purpose of the exposed roll-bar
- a. Maintain the lateral rigidity of the body behind the doors.
- b. Better control of the removable top when closed.
- c. Meets US competition requirements
- d. All of the above

Excellence was Expected Karl Ludvigsen 2008 Edition Vol 1 pg. 354

- 12. In what year was the 3.0 911 SC engine introduced as the only 911 engine for the world market.
- a. 1979
- b. 1978
- c. 1980
- d. 1981

Porsche 911 Performance Handbook Bruce Anderson 1963-1998 3rd Edition pg. 98

- 13. The Porsche Center in Dubai sold more Porsches than any other dealership in business year 2006/2007?
- a. True
- b. False

It Figures! As it has for 60 years Porsche AG 2008

- 14. The first Porsche glass fiber body, the 1964 904 weighed only 100kg.
- a. True
- b. False

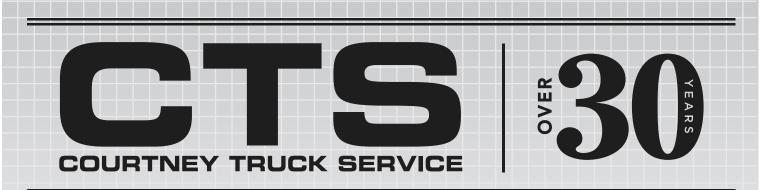
It Figures! As it has for 60 years Porsche AG 2008

- 15. In this year's (2012) 50th running of the 24hrs of Daytona, Porsche GT teams finished one two –three in GT. Who were the drivers on the winning team?
- a. Andrew Davis, Leh Keen, Hurley Haywood, Marc Lieb
- b. Stephen Bertheau, Spencer Pumpelly, Marc Goosens, Wolf Henzler
- c. Andy Lally, John Potter, Richard Lietz, Rene Rast
- d. Alban, Ledesma, Cooper, Gorsuch

Porsche Panorama March 2012 pgs 4,5,10

Answers page 25



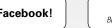


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NORD STERN FEBRUARY 2016 33

#### TPMS

by Pedro Bonilla, GCR PCA courtesy pedrosgarage.com

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ublished in the October 2013 issue of "Die Porsche Kassette". First of all, TPMS does NOT stand for Terrible PMS as one of my customers referred to it when she saw the warning light come on and stay on in her 2006 Carrera S some time ago. TPMS stands for **Tire Pressure Monitoring System**, and it is an electronic system designed to "keep an eye" on your car's tire pressures for you. This system reports real-time tire pressures to the driver of the vehicle either by a simple warning light or by a more complex display indicating each individual tire's actual pressure.

There are two types of TPMS. There's the direct TPMS (dTPMS) and indirect TPMS (iTPMS), but more on the differences later in the article.

First, the origins of TPMS: The first passenger vehicle to include TPMS was the 1986 Porsche 959. Porsche felt that it was very important to give the driver



information on his car's tire pressures especially on this supercar which was arguably way ahead of its time.

But it wasn't until the late 90s when the Firestone

Tire Recall in the US (linked to over 100 fatalities due to rollovers because of tire tread separation) prompted the National Highway and Traffic safety Administration (NHTSA) of the Clinton Administration to legislate the TREAD Act (Transportation Recall Enhancement, Accountability and Documentation) which among other things, mandated the use of TPMS in all vehicles under 10,000 pounds. According to the TREAD Act, 20% of every manufacturer's fleet sold in the US had to offer TPMS by October 2005 and 100% by September 2007.

The initial system used a simple warning light to indicate tire under-inflation.



Eventually the system, depending on the manufacturer, has evolved to show not only individual tire pressures but also





individual tire temperatures, thus offering additional vital information to the driver. This is extremely important for track use.



Back to the two types of TPMS:

The iTPMS is an indirect way to approximate tire pressures and is part of the ABS system. It measures each individual tire's rotation and compares it with the other tire on the same axle, determining if the monitored tire is rotating faster than the opposite one. When a tire is under-inflated, it's diameter is a bit smaller and therefore rotates faster than a properly inflated one.

Second generation iTPMS can also detect simultaneous under-inflation in up to all 4 tires using spectrum analysis of individual wheels with advanced signal processing and special software modules integrated into the Anti-Lock Braking System (ABS) unit.

There are disadvantages to iTPMS:

- It uses an algorithm to estimate of the tire pressure and may not be accurate.
- If all four tires are low, it will not recognize a pressure issue since it looks for differences between each tire's rotation compared to the other ones.
- Winter tires may be of a different diameter, triggering a false alarm.
- Use of a new (unworn) spare tire may trigger a false alarm.
- Weather and road conditions may cause slippage and trigger a false alarm.

iTPMS is serviced as part of the ABS, requiring more specialized equipment.

iTPMS has not yet proven reliable enough to meet the requirements of the TREAD Act's 100% mandate.

The dTPMS is a much more accurate system which uses individual sensors installed in each wheel. These sensors physically



measure each individual tire pressure (and temperature in some models) and transmit the information wirelessly to the car's instrument gauge or corresponding monitor using a low





frequency radio signal of 315 or 434 MHz.

There are disadvantages to dTPMS:

- Special tools are required to install/ service.
- Sensors must be replaced every time the tire is mounted since the batteries are integrated and not replaceable.
- It is somewhat costly.

Porsche uses the Direct TPMS (dTPMS) in all it's vehicles since 2007, but you can also have dTPMS retrofitted to any model year vehicle with an aftermarket kit.



Now you can keep an eye out for yourself on your tire pressures and temperatures.

Properly inflated tires are safer, offer better gas mileage and much better tire wear than those that are not.

To learn more about TPMS please visit my website at: wwwPedrosGarage.com.

Happy Porsche'ing, Pedro

Nord Stern February 2016 35

#### 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.

#### Porsche Targa



Original owner of a 2002 Lapis Blue Porsche Targa. 38,000 miles. Very good condition. \$23,500. Email Michael in Chanhassen, mjb00000@gmail.com

#### Wheel

I am selling a wheel and tire from a 1973 914. The wheel is a Fuchs alloy 5 1/2 x 15 part# 914.361.001.01. I don't believe the wheel has ever been used or mounted on a car, it isn't perfect but nearly so. The tire may also be the original Continental size 165HR 15/165, believe the tire has ever been used. Both are from a car I once owned, I was the second owner. \$200 or best offer. I also have the jack from the same car. Also selling a floor mat set (four mats) for a 1996 993, brand new still in the box. I believe they fit any 993. They are black with a red Porsche lettering, also for a car I once owned. \$120 or best offer. Please contact me at jpalumbno47@gmail.com or 715.495.8142.

#### Wanted

Looking for a lower mileage 87-89 G-50 coupe. Prefer good documentation, no accidents or body/paintwork. Stock with performance upgrades are ok. Any color but black. Doesn't have to be perfect as it will be driven! Thanks! Mark 612.251.5710 or mark.read03@gmail.com.

#### 2002 911 C2 4.0L

86000 miles. 4.0L engine conversion. Machining performed by LN Engineering. Assembled at Broadway Auto Tech. IMS Solution oil-fed IMS bearing. Any wearing parts are new. All fluids and maintenance items new. Recent full detail at Carsmotology. \$27,000 firm to nord stern members. bjorn@broadwayautotech.com

#### Scale Race Model Porsches for sale

My "new in the box" collection of 102 1:43 scale race model Porsches. This collection is only being sold as a complete package. The collection has never been out of their boxes and consists of the following cars: 904, 908, 917, 956, 962 and a few 911-based models. The manufactures are the following: 25 Minichamps, 10 Brumm, 6 Vitesse, 7 Omz, 22 Quartzo, 25 Best, 1 Uan, 2 Starter, 3 Solido and 1 Sachs Sporting. The entire collection is being sold for \$3000. Serious bidders can reach me at 612.281.3943 or email: gklitz@comcast.net. Since there are so many models photos are a challenge, I do have a pdf file that lists the cars which I will be happy to send, if interested I can arrange to show the entire collection.

For sale

A complete set of Porsche 944 factory shop manuals in excellent condition. I can be reached at 612-281-3943 or gklitz@comcast.net. Price for the set is \$400 or best offer, please see the photo.



#### Wanted

18" Snow Tires. Car currently has 235 40R 18 summer tires. Must be in very good condition. Contact Chas. 612.508.0777 or email: chersch62@gmail.com

#### Wanted to Buy

Boxster hardtop, 987 (2005-08), any color. Steve Kemp, stvkemp@comcast.net or 763.218.3435.

#### 2012 Boxster Spyder

4700 miles. Original owner. Stored winters. Triple black with black factory rims. Six speed manual, sport exhaust, xenons, sport chrono, full leather sport seats, A/C, radio/CD, Michelin Pilots. Also factory car cover and factory battery trickle charger. Immaculate, no accidents, all records, no disappointments. Only selling to get Cayman GT4. One of three or four Spyders in Minnesota; only 125 2012 models came to US. \$62K OBO. Call Warren and leave message @ 763.270.1242.

#### 1987 944 Turbo

Great for street but also totally set up for the track. Redline oil used; changed annually. Conditioned storage since new. Bolt in roll bar. 5 pt harnesses. Corbeau custom seats. Some spares. Will outrun 911 Carrera 4s and Corvette Z06 @ Hallett. Great condition. Located in western Wisconsin. \$14,900. Go to www.944porscheturboforsale. com for photos, modifications, contact information, etc. Email rph@rainbowconst.con or 715.635.8855.

#### 1993 968

79,XXX miles, Midnight Blue, Full OG roll cage, Sparco seats, Simpson 6 point belts, Momo steering wheel, Koni coil overs and camber plates, M030 brakes with Performance Friction pads, Lightweight flywheel, 6 speed trans, limited slip differential, Adjustable fuel pressure regulator & gage, Dyno chart by AutoEdge, Corner balanced, lower strut brace, Lindsey under drive pulleys, 3 sets tires and wheels; BBS 18" with Nitto NT-01, OEM 17" with Dunlop, Direzza ZII, Miglia Mille 17 with storage tires, Cat delete, AC delete, radio delete, rear seat delete, Recent timing and balance belts, Braille battery, complete records. \$16,000 to Nord Stern. Contact Lloyd Vasilakes, lsv327@comcast.net.

#### Porsche 911 factory 930

performance body/chassis (m-491 option) turbo look. All original with 72,000 miles. Ruby red metallic with beige leather with Porsche cloth trim. Less than 500 of these manufactured with the 491 option! I purchased the car in 1993 with only 23,000 miles. The car is in excellent condition. Asking \$35,000. Call Don at 507.951.0465.

#### Badler . . .

continued from page 42

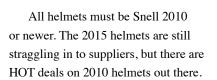
You'll know you're reaching the end of the line when the coastal fog starts emerging... and then you've arrived at... Mendocino. Home of... certainly the funkiest town I've ever seen hugging the coast for no discernible reason. I get the impression it's inhabited by Hippies who migrated north from the Haight some 40 plus years ago and never left.

How else do you explain a store selling weathervanes?

I did this run once before, in a rental something-car. It didn't matter. I want to do it again. In a 918. And then I'll go home again.

# Yes: New Helmets Needed in 2016!

ith the NS 2015 Track season finished, it's time to note reminding that Snell 2005 helmets will no longer be accepted in 2016 events.





Great idea for Holiday gifts! Or Valentine's Day. Or St. Patrick's Day. Or April Fool's Day (hmmmm, maybe not the best choice of days). Or May Day. But then again, who needs an excuse? Helmets just are a necessity!

- Thanks! Paul Ingebrigtsen, Safety Chair



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Another fun photo from this year's 2015 Escape to Rushmore event extraordinaire: Loving the personalized license plates! Photo by Lisa Schneegans

It's a New Year: Time to Plan My Summer Vacation

> by Danielle Badler, Rocky Mountain Region

Courtesy PCA National Newsletter Editor Wendy Shoffitt irst come wheels. Hey, it's a road trip!

And, when it comes to wheels for a road trip,
I immediately start humming "See the USA in
your Chevrolet. America is askin...." What could be
more 'merican than that?

No, no, no. I'll drive a 918.

I know, fat chance. I don't even know anyone who has one. Hell, I haven't even seen one in the flesh... er, metal. But I can hope, can't I? Anyone out there willing to make my dream come true?

I didn't think so. And, now that production has ceased, they'll all be squirreled away in classic car Bat-caves, waiting for signs of the apocalypse, so they can be exercised just one time before they're lost to eternity. Oh well.

But I'll make up for it on my first vacation stop. I'll visit the newly renovated Petersen Museum in Los Angeles.

At least there I might actually see a 918. But, then again, this being LA, I'll probably be just as likely to see one on the street. Which could actually happen. I go to LA with some frequency, to see my older daughter and family. So this is eminently doable.

My favorite spot for car-watching is at the corner of Wilshire and Rodeo Drive. Conveniently right in front of the Porsche Design store. If you don't see a 911 in 10 seconds or less, you're blind. A Ferrari in 30 seconds or you're not looking.

Have you seen what they've done with the museum? Go to their website. And, when you do, let me ask just one favor. Please don't drool on me.

One gallery is filled solely with cars painted silver... just minor, B-list celebrities like James Bond's DB-5, a McLaren F1 and what looks like a Corvette Stingray Racer from the late '50s.

Another, titled "Howling Vehicles from the Nearburg Collection," looks to be all Porsche race cars from the late '60s and '70s.

Then there's "Race Cars for the Road." It's sponsored by Ford. So what have they got? The new Ford GT, and what looks like a street version of the original Ford GT 40.

Perhaps most appropriate, on a number of levels, is an exhibit entitled "Why We Love the Automobile." The gallery description ends with "Understanding Southern California's unique history is fundamental to understanding the region's love for the automobile."

Right, I agree with that, along with understanding how a lopsided allotment of the "car" gene could be doled out to denizens of the West Coast.

Which is why my next stop will be to visit the Nethercutt Museum.

It's just off the 5 Freeway in Sylmar, due north of LA. Here's their description: "On view are various Pebble Beach Concours d'Elegance winners and cars once owned by movie stars, royalty and other notable personalities."

Like a Bugatti Type 51 Coupe, a Duesenberg Model SJ (silver!) and a Ferrari 365 California Spyder. Sorry, it's red.

Speaking of Pebble Beach, I'll actually continue north and make it this year.

Well, I've actually been there. Just not in August for Monterey Car Week. Nor to Goodwood in July or September. But Pebble could be done as part of the trip. I'll just motor up from Sylmar. Right?

Oh, I'll head over to the Pacific Coast Highway, and join the exotic convoy through Big Sur. Do they still do the Running of the Bulls? You know, all Lamborghinis, all the way up the coast? I think Mario Andretti led one year. Hey, if the 918 comes through, I'll more than keep up. Maybe I'll lead.

I'll load up on Dramamine, to keep my head from spinning out of control, at the Concours at Pebble, and the Concorso Italia, and the Quail, and the Motorworks Revival, and the auctions and the Monterey Historics, or whatever they're now calling the vintage races at Laguna Seca.

I just checked. It's now called the Rolex Monterey Motorsports Reunion. Whatever.

And then I'll continue north to reconnect with my favorite road.

What is it, pray tell? Route 128. You catch it from the 101 Freeway, north of Santa Rosa. Go west. Because this little gem jives and bumps through stands of Redwoods, until you burst into sunshine, only to dart back into the Redwoods, and then back out again. For about an hour of bliss.

Continued on page 41



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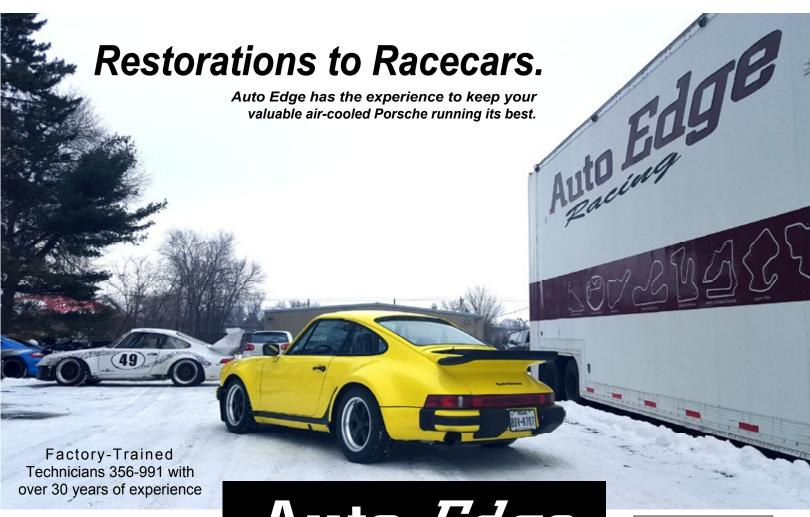
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