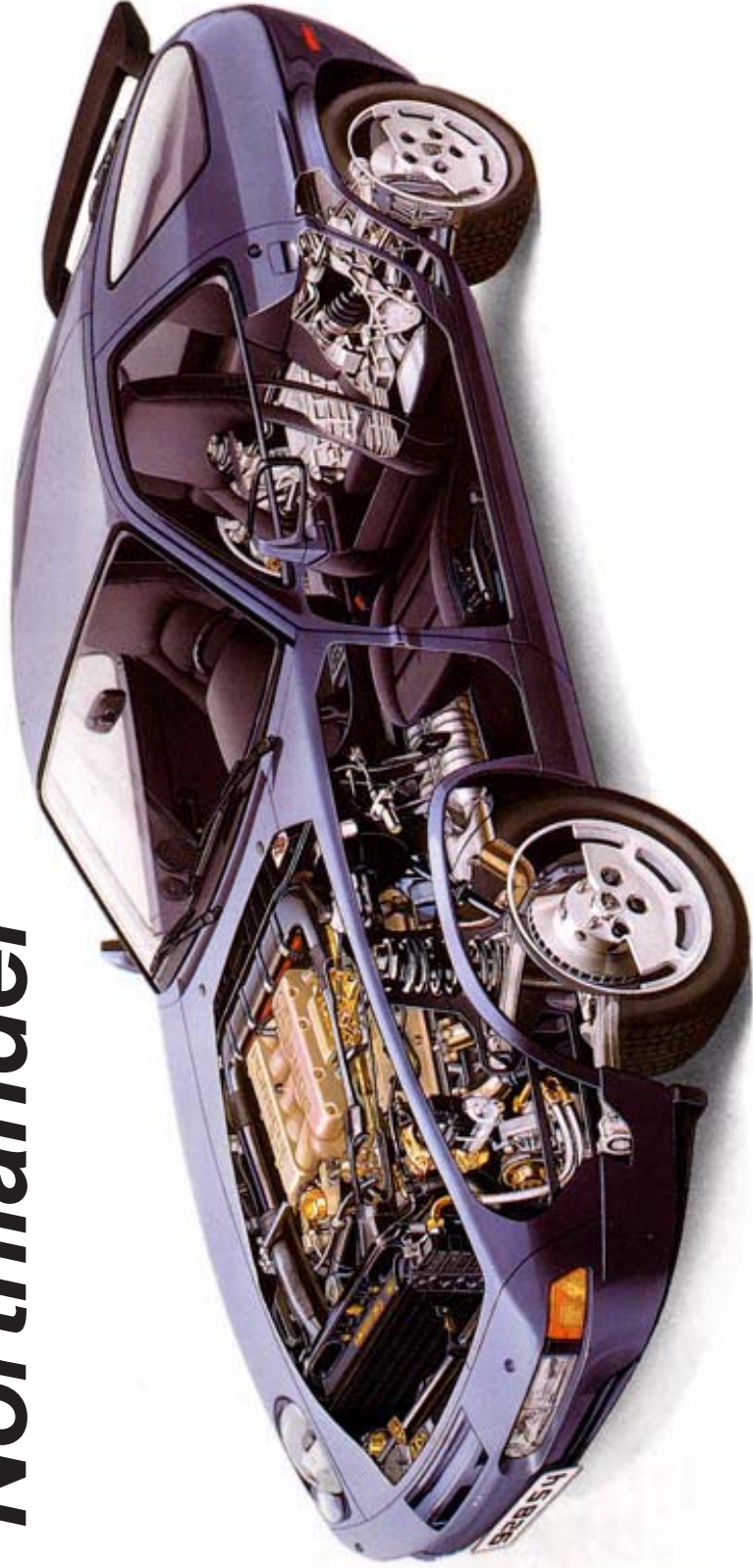


Northlander



Newsletter • North Country Region • Porsche Club of America
April 2006 • Volume 29 Number 4

©2006 Porsche Cars North America, Inc. Porsche recommends seat belt usage and observance of traffic laws at all times.



Goes fast. Especially at this price.

New England's finest driving days are at hand.
And, Porsche of Nashua wants to see you.

Lease a Boxster from \$579/mo.

MEMBER
Lyon-Waugh
AUTO GROUP

Porsche of Nashua

1.800.NEW.PORSCHE
170 Main Dunstable Road
Nashua, NH 03060
www.porschenashua.com



PORSCHE

2006 Boxster *

\$579 /MONTH 36 MOS

\$3,999 cash or trade

Excluded tax, title and registration fees. No security deposit required.

*Boxster MSRP: \$51,980 36 month lease with 10K miles per year, \$579 per month. At signing \$3,999 cash or trade. \$579 first payment. Acquisition fee, tax, title and registration are additional. Stock# P6025



Northlander

Newsletter . North Country Region . Porsche Club of America

April 2006 Volume 29 Number 4

Subscriptions \$14/Yr

Upcoming Events

Calendar	3
Car Control Clinic	8
Driver's Education	12
DE Safety Checklist Update	23
Ice Out Tour	24
NCR Tech Sessions	26
Zone 1 Concours and Rally	27

Features

A Brief History of the 928	10
----------------------------------	----

Departments

NCR Board of Directors & Committee Chairs	2
From the Desktop	4
President's Message	5
The Starting Grid	6
Help Wanted	22
Tech Inspectors	29
Business Card Exchange	31
The Mart	34
Advertisers' Index	36

On the Cover...

Cutaway view of 928, see page 10 for a full story on this technical tour de force

Photo Credits:

pg. 16-17 Unknown.

Asst. Editor

Tracey Levasseur
207-247-3385

Editor

Bill Kallgren
603-882-1693

Advertising

Judy Hendrickson
603-881-7576

Statement of Policy

Northlander is the official publication of the North Country Region (NCR), Porsche Club of America (PCA). Opinions expressed herein are purely those of the writer and are not to be construed as an endorsement or guarantee of the product or services by the Board of Directors of NCR. The editor reserves the right to edit all material submitted for publication. Material may be reprinted by PCA Regions without permission provided credit is given to the *Northlander* and the author.

The regular Article and Advertising closing date for the *Northlander* is the 10th of the month preceeding the publication month (e.g. March 10 for the April issue). See page 32 for AD rates.



BOARD OF DIRECTORS

President

Janet Leach (H) (603) 433-4450 president@ncr-pca.org

Vice President

Miriam Dunster (H) (603) 659-8592 vice-president@ncr-pca.org

Secretary

Doug McIninch (H) (603) 472-8877 secretary@ncr-pca.org

Treasurer

Pete Petersen (H) (207) 646-5402 treasurer@ncr-pca.org

Past President

Jim Gratton (H) (207) 985-2999 past-president@ncr-pca.org

Membership Chair

Lisa Roche (H) (978)534-0118 membership@ncr-pca.org

Newsletter Editor

Bill Kallgren (H) (603) 882-1693 northlander@ncr-pca.org

Tracey Levasseur (H) (207) 247-3385 northlander@ncr-pca.org

Webmaster

Nick Shanny webmaster@ncr-pca.org

COMMITTEE CHAIRS

Advertising Manager: Judy Hendrickson (H) (603) 881-7576,
advertising@ncr-pca.org

AutoX:Kevin Bobbitt, (H) (603) 429-0244

Joe Kraetsch (H) (603)924-4459, autocross@ncr-pca.org

Car Control Clinic:OPEN, ccc@ncr-pca.org

Charity: Paul Tallo, (W) (603) 594-9696, charity@ncr-pca.org

Chief Instructor: Peter Fail, (H) (978) 448-8496, peter.fail@ncr-pca.org

Concours: Lisa Roche, (H) (978) 534-0118;

Judy Hendrickson (H) (603) 881-7576, concours@ncr-pca.org

Drivers' Ed: Bob Pickul & Scott Martineau, (H) 603-329-5928,
driver-ed@ncr-pca.org

Rally: Don Johnson, (H) (603) 569-3337, rally@ncr-pca.org

Safety: Edgar Broadhead, (H) (603) 526-6578, safety@ncr-pca.org

Senior "Advisors": Edgar & Nancy Broadhead, (H) (603) 526-6578

Social: Steve Robbins, (H) (877) 792-7861, social@ncr-pca.org

Technical: Matt Romanowski, (H) (603) 674-3250, tech@ncr-pca.org

Yearbook: David Churcher, (H) (603)799-4688 yearbook@ncr-pca.org



CALENDAR

APRIL

- 18 - Tuesday **NCR Board Meeting**, The Foxfire Grille,
Epping, NH president@ncr-pca.org
- ***NEW LISTING***
- 15 - Sunday **NCR Tech Session Electrical Gremlins**
Precision Imports, Manchester NH
- 16 - Sunday **NER Novice Autocross School**,
Ft. Devens, MA www.porschenet.com/auto-x.html
- 22 - Saturday **NCR- AX #1**
Ft. Devens, MA autocross@ncr-pca.org
- 23 - Sunday **Tour to and Lunch at Carlson**
Automotive Museum,
Melvin Village, NH rally@ncr-pca.org
- ***NEW LISTING***
- 29-Saturday **Car Control Clinic, NHIS**
Loudon, NH ccc@ncr-pca.org

MAY

- 7 - Sunday **Spring Gimmick Rally**
Middleton, NH rally@ncr-pca.org
- 11 - Thursday **NCR Board Meeting**,
Location TBD president@ncr-pca.org
- 13 - Saturday **NCR -AX #2**
Ft. Devens, MA autocross@ncr-pca.org
- 19/20 - Sat & Sun **Zone 1 Concours and Rally**
Danbury Sheraton, Danbury CT <http://zone1.pca.org/>
- ***NEW LISTING***
- 20 - Sunday **NCR TECH SESSION Cayman S Technology**
Porsche of Nashua, Nashua NH
- 22/23 - Mon & Tues **NCR DE**
NHIS, Loudon, NH driver-ed@ncr-pca.org

JUNE

- 9-11 - Fri-Sun **Zone 1 Watkins Glen Club Race**,
Watkins Glen, NY <http://zone1.pca.org/>

Note: Please watch this space or check the website at www.ncr-pca.org for any changes to the club calendar.

FROM THE DESKTOP

By: Bill Kallgren - Editor



I will start this month by giving a quick update on my progress selling my cars. You may recall from a few months ago, my decision to sell the entire Porsche collection and search for a suitable track ready car. Janis had interceded and convinced me that the red car really is pretty nifty and might make an engaging project. As reported last month, I have been doing some of my small projects and things are looking up.

The new steering wheel is in, some new door panels are installed and I have made great progress on wet sanding and buffing out the paintwork which is starting to show some shine. A few more hours of buffing and she will look like a brand new machine.

Along the way, I have also found out a few important bits of information which I would like to pass along.

#1 Buffing Machine and Pads: I scored a cheap buffer from the local pawn shop. At \$15 bucks it seemed like a great deal. It really wasn't that great a deal. The cheapo unit, although running fine, does not have variable speed. It runs at one speed which I have found to be limiting. I purchased some new cheapo pads and tried getting results with nothing to show. The cheapo buffing pads have a 2" size range. My machine needed a 6" pad, so I purchased some pads in the 5-6" range. At speed, the pad slips on the wheel and does nothing to the paint, the buffing wheel spinning in the pad, the pad not moving on the paint.

I upgraded to a modestly priced unit at \$65 with variable speed and a couple of handles on it. This unit offered much better control, plus the extra handle al-

lows both left and right hand operation, very useful when working on the driver's side and passenger's side for maximum control. The speed is completely variable with electronic control allowing fine control of the system. Finally, the cheap buffing pads were replaced with pads featuring drawstrings. This allows them to be secured to the buffing wheel properly so they work properly. Gone is the chalk red from many decades in the Florida sun, my '69 is now resplendent in Guards Red.

#2 Magnet on a stick. I don't know what the official name of this most useful of tools is, but if you do not have a magnet on a stick and are planning on working on your car, you are missing an important and inexpensive bit of kit. The 911 fan belt tension is adjusted with a split pulley. Inserting spacers between the pulley halves reduces tension, while removing the thin spacer increases belt tension. There are exactly six of these spacers, no more, no less. While changing my fan belt, I managed to drop off the shims into the engine sheet metal tray. Reading carefully the service instructions indicate that it is essential that ALL six spacers be in place prior to tightening the retaining bolt. Searching high and low I thought the spacer was gone forever. A quick probe with my magic magnet on a stick and voila! back in business. I also found it very helpful when trying

continued on page 7

FROM THE PRESIDENT

By: Janet Leach - President



Greetings! Well, the Boxster has been out on the road twice this month, and I think this is the earliest it has seen the highway in many years. I know John and I are getting the fever to get out and drive and I know you are, too. We have a variety of events planned for April. The NCR Autocross season begins on April 22 at Ft. Devens; the Autocross series has been expanded to five events this year.

Don Johnson has been busy planning two driving events for us. If you participated in Saturday's Autocross, then your tires should be all warmed up for the Annual Ice-Out Tour on Sunday, April 23. The tour begins in Newington, NH, an easy starting location for us on the Seacoast, and concludes at the Carlson Auto Museum in Melvin Village, a convenient ending for our Rally Chair, Don Johnson. Don is advertising this as a tour and not a competitive event, so you can enjoy the scenery along the way without any worries of finding answers to questions. If you've never joined us for an event, this would be a good introduction to our club. Come out and

get to know some of the wonderful members we have in North Country Region. His next event will be a Gimmick Rally on Sunday, May 7. Knowing Don's great sense of humor, you will be in for a treat when you participate in this event. Our Tech Chair, Matt Romanowski, has two sessions planned this spring: April 15 at Precision Imports for a session on electronics and May 20 at Porsche of Nashua for a tech review of the new Cayman. The Car Control Clinic is scheduled for April 29 in the parking lots at NHIS. Please be sure to register at www.ncr-pca.org as this event fills up quickly.

I have a primetime plug for Porsche's SUV...although we do not have HBO, I did hear that in the first episode of the Sixth Season of The Sopranos, Tony gave his wife, Carmella, a Porsche Cayenne Turbo. Guess he knows the way to a girl's heart!

Enjoy spring...as they say "It's been a long time coming!"

Jon Gilbert
Owner

Tires To You, LLC

The Tire Shop On Wheels

Brand Name Tire and Wheel Sales
Mounting, Balancing and Rotation at Your Home or Work
Fully Insured


1-866-837-8473
tires2u@metrocast.net
Barnstead, NH

THE STARTING GRID

By: Lisa Roche - Membership



Our first Rally for 2006 is fast approaching. Rally to the Carlson Automotive Museum will be held on Sunday April 23. Be sure to mark your calendar and plan to attend this event. Questions can be addressed to our Rally Meister Don Johnson at 603-569-3337, or email to rally@ncr-pca.org. April 29th will be the annual Car Control Clinic. The club is seeking a CCC chairperson, however the event is on schedule. If you have questions, please do not hesitate to direct them to Janet Leach at president@ncr-pca.org or ring on 603-433-4450. This event always sells out quickly.

	<p>1 Year:</p> <p>Bobby Baker Dena Baker Brentwood, NH 2005 987S</p>	<p>2 Years:</p> <p>Donald G. Brent Patricia Brent Manchester, NH 1987 944S</p>
<p>New Members:</p> <p>James A. Corcoran Lynda Bruslett Barrington, NH 1976 911</p>	<p>Frank Flanagan Judith Flanagan Pelham, NH 2002 Boxster S</p>	<p>Henry T. Cowles Colin Cowles Dover, NH 1993 911</p>
<p>Ronald G. Pound Nancy Pound Portsmouth, NH 2005 911</p>	<p>David W. Grondin Justin Grondin Rochester, NH 1987 911T</p>	<p>5 Years:</p> <p>Jeffrey Hoffman Trish Hoffman Exeter, NH 2006 997</p>
<p>Donald Prouty Jean Prouty Concord, NH 1978 928</p>	<p>David S. Lipman Edward Lipman Cambridge, MA 1977 911S</p>	<p>Rick Keller Marie Keller Weare, NH 1983 911</p>
<p>Michael G. Raymond Amherst, NH 2000 Boxster</p>	<p>Michael Satzow Claremont, NH 2004 Cayenne</p> <p>Mert Yildizhan Manchester, NH 2005 Cayenne</p>	<p>15 Years:</p> <p>David A. Kenney Littleton, NH 1986 944</p>



From the Desktop...continued from page 4

to hook up the door release strap on my RS style door panels, with a very small C-clip located within the bowels of the door, I must have dropped this little piece about twenty times before finally getting it placed properly.

Magic Magnet on a Stick: Priceless.

#3 Roll Around Cart. I found a little roll around serving cart at my Mom's house, a benefit of Dad having worked in the food service industry, these kinds of things seemed to find their way home. This particular unit is about thirty inches by eighteen inches, two shelves and fitted with large diameter wheels and makes a very useful cart to place my tools. It can be rolled right up to the work area and all my tools are an arm's reach away.

Roll Around Cart: On Loan, I think Mom wants it back.

I have also been keeping a keen eye open on the World Wide Web for information, ideas and suggestions. I have been frequenting the following addresses which you might find of interest.

www.pelicanparts.com This site hosts a great web forum on the 911. The database is very extensive so use the search function to find what you are looking for. Some folks seem to be addicted to posting, some are amusing and some posts just plain leave me wondering how people get through life. Use your best judgment, not all the information here is accurate, but some of the information is excellent.

www.rennlist.org Another great site, check this out, and like pelican parts, use the search function.

www.early911s.com A great space for owners of the early 911. There is an informative buyers guide, a great section

of period 911 advertisements and a registry listing a significant number of early cars complete with photos. Check the classifieds on this page for those hard to find goodies.

www.911e.org This site caters to 911E, so is of course interesting to me.

www.914club.com If you are into the 914, this is the place to go. A lot of good information and if you are looking for a 914, there are a number of tasty examples in the classified section.

www.typ910.org Don't be afraid to go off the continent. This site is located down under and offers a different perspective on Porsche ownership than what we find locally.

www.ebay.com The great equalizer in modern tag sale junk. I have become addicted to this, better than gambling.

www.stimming.de There is a great photo gallery on this site of vintage racing Porsches.

www.toadhallracing.com Some more great photography is to be found on this site. Plus, if you have a cool \$1M plus spare cash on hand you can find the 1973 Targa Florio winning 911 available for sale, very cool. A 962 will only set you back about half that.

With all these great photos of vintage rally cars at hand I am seeking all that old junk you might have in your garage taking up space to accessorize my 911. If you have any old Cibie Pallas or Marchal hood mounted driving lights, a spare Halda Twin Master or Heuer timing equipment collecting dust, I would be happy to free up your garage space, drop me a line at kallgren@adelphia.net. I am also looking for fender flares and bumpers to convert to the old '69 to "ST" specifications.





CAR CONTROL CLINIC

By: Janet Leach - President

Saturday, April 29 – don't miss this event! Our drivers education instructors usually frown on students intentionally putting their cars into a spin. But at the North Country Region Car Control Clinic this behavior is not only allowed, it is encouraged! Using the spacious parking lots of New Hampshire International Speedway, our instructors will take you through a series of safe, controlled exercises which will allow you to explore the limits of both you and your car. The skills acquired at this event will give you a better appreciation of your Porsche and make you a better, safer driver during the "normal" daily commute, and at high performance driving events.

The CCC proper begins with a classroom briefing on the day's activities. Technical aspects of car safety are reviewed with a focus on requirements to participate in PCA autocross and driver's education events. After the briefing and until the lunch break you will rotate through threshold braking, lane change, vision/proper line, and wet skid pad exercises. The purpose of the threshold braking exercise is to achieve minimum stopping distance. For cars with ABS the goal is to brake just to the point where the ABS system is about to activate. For non-ABS cars the goal is to brake just to the point where wheel lockup is about to occur. The lane change exercise is designed to teach the student to react quickly to visual signals and to avoid an obstacle at moderate speed.

The proper line exercise will teach the cornering technique which provides both the safest and fastest line through a turn.

The student will be instructed to enter a corner early, normally, or too late in order to illustrate how these different lines affect speed and safety through a corner. At the same time the role of vision in safely negotiating a corner will be demonstrated. All of these exercises are informative and fun, but most people feel that the wet skid pad is the most amazing and fun exercise of all. The purpose of the wet skid pad is to demonstrate the handling characteristics of your car at the limits of grip. You will experience understeer, oversteer, resultant spins, and spin recovery techniques.

The afternoon will consist of two activities. One parking lot will continue with the wet skid pad, threshold braking, and lane change exercises. The other parking lot will be transformed into a mini-autocross course, complete with timing lights, and manned by our crack AX team. This is where you will combine the elements of all the days exercises: proper line, vision, threshold braking, smooth inputs, car control at the limits of grip.

This clinic is highly recommended for the novice student planning on attending their first AX or DE events, and also for those of intermediate experience who want to "tune up" their driving skills. The clinic is open to all PCA members having a valid drivers license. Registrants who are 16 or 17 years old may participate under the Junior Participation Program (JPP). The JPP participant must be the son or daughter of a PCA member, both parents must sign the waiver form, and one of the parents must be present at the event. Full details of the



JPP program and the necessary forms are available under the AX Rules section of the NCR website at www.ncr-pca.org. This is a Porsche only event. Helmets are required (some loaners will be available on site). A pre-event tech inspection is not required, but cars must pass a simple tech safety inspection at the track, similar to an autocross inspection. All loose items must be removed from the car, and seat belts and brakes must be in good working order. The cost will be \$45.00 per driver, and two people may share the same car. A full refund (less PayPal processing fees) will be made for cancellations made at least 14 days prior

to the event. Refunds for cancellations made less than 14 days prior to the event will only be made if your spot can be filled from the appropriate run group wait list.

Check out the full application and information on our website at www.ncr-pca.org, or contact Pete Peterson at ccc.ncr-pca.org (207.646.5402) for more info. We are looking for advanced DE and autocross drivers to help with instruction. Fees are waived for instructors and time will be provided to run the exercises.

What : North Country Region Car Control Clinic

Where: New Hampshire
International Speedway

When: Saturday April 29, 2006

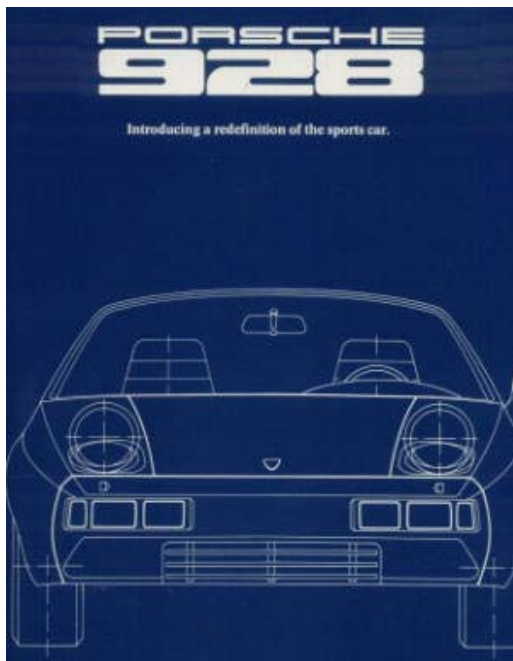
What to Expect: A fun time, top notch
instructors and a great experience
learning important car control skills!

Cost of Admission: \$45,
You can't beat that!



A BRIEF HISTORY OF THE 928

By: Bill Kallgren - Editor

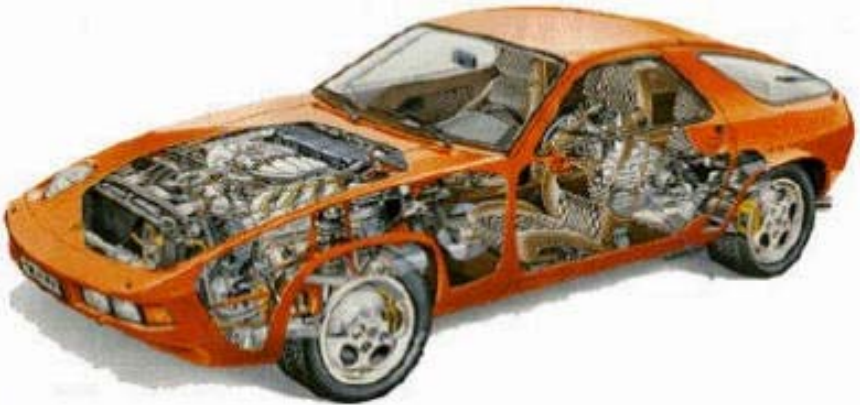


Editors Note: Seriously lacking in content for the April edition, I decided to write a brief history. I hope the following information is accurate, however please be sure to write with any corrections or comments.

I can't recall when I saw the 928 for the first time. I am sure that I had seen a number of them, but being far too young to drive any car when introduced, this automobile had little impression on me. My first recollection of the 928 occurred in 1987, a full ten years after the car appeared at the Geneva auto show. My friend Tom and I were hoofing it down Park Avenue in Worcester at Webster Square, near a Friendly's Restaurant. We

were seeking rock and roll equipment by spelunking in the dumpsters of the various music stores around town, hoping to find an unwanted guitar, perhaps a well used cymbal or any other piece of gear we could lay our hands on for not a lot of money (I used to be quite thrifty, some might say cheap). We didn't find any rock and roll gear, however I did manage to find a memory that is still with me. Outside that Friendly's, a 928 rolled by, finished in an amazing shade of racing beige; Tom declared that it is a most impressive piece of machinery. As seen from the rear quarter, I countered that it looked like it has a load in its pants. Not very cultured, I admit. Thus is my first recollection of the 928.

Dear reader, you may be asking if I had such thoughts of the car why I would choose this as a topic for a brief history. I will answer your question. Over the ensuing years I have slowly found that the styling on this car has grown on me. Perhaps my engineering degree and career in a very high tech industry have swayed my opinion. Perhaps I have outgrown the pleasures of spelunking in dumpsters. Perhaps I am simply more cultured. The 928, I contend, is perhaps one of the most important production cars ever produced, an absolute tour de force of engineering and styling. Many innovations which appeared on the 928 20 years ago are only now starting to appear on "modern" sports and luxury cars.



Twenty years on, the styling of this car is still fresh and modern. I challenge anybody to park the 928 along side a contemporary Corvette, Firebird “Berlinetta” or 280ZX Datsun (remember the “Black Gold” edition?) and not think that the 928 looks like a modern high performance GT while the others look like, well twenty year old retreads.

Enough of the preamble, now onto the brief history.

As mentioned earlier, the 928 was introduced at the Geneva Auto Show in 1977 however work on the car started much earlier. Rewind your clocks to 1971, a year after four students are killed by National Guardsmen at Kent State, President Nixon is in office and Watergate and the ensuing scandal are yet to happen. In Germany work has begun on a replacement for the aging 911. A number of engines were considered, including V6 configurations, however a 4.5 liter 16 Valve Single Overhead Cam (SOHC) of aluminum construction was finally selected putting out 219 HP at 5250 RPM. The engine featured one of the longest timing belts ever to appear on a car, measuring almost 7 feet in length. During development, Opel, Mercedes

and Porsche hack cars were built to test the various driveline and suspension components. Several of the notable design innovations for this model included the Weissach axle and the rear mounted transaxle. The Weissach axle was designed to reduce throttle-lift induced oversteer during cornering. The rear transaxle allowed for a 50-50 weight distribution and it wasn't until recently that the Corvette was finally introduced with a rear transaxle. The combination of Weissach axle and rear transaxle created a very capable handling car. Porsche buyers now had a choice between the tail happy 911 and the solid handling 928.

Although started in 1971, the 1973 oil embargo may have hampered development and the ultimate introduction of the 928 didn't occur until 1977. The list price in 1978 was \$28,500. In 1981 a special “Competition Package” was introduced for the US market which included features such as revised front and rear spoilers and sport seats. Unfortunately, the European spec 4.7 liter engine (making 300 HP!) did not make it to US shores. A special Weissach edition

continued on page 16

DRIVER'S EDUCATION

By: Bob Pickul - DE Chair



The 2006 DE season is coming fast. There is still room in all run groups, but it is very important to sign up quickly as the spots are expected to fill soon.

There are also new dates for this season. We have an early start this year with our "Pre-Memorial Day event" at NHIS, May 22-23. Our second event will be "In the Heat Of Summer" again at NHIS, July 21-22-23. The 21st will be an advanced day for white, black and red drivers. For our third event, we will be teaming up with CVR crossing the border to Canada to the Le Circuit Mont Tremblant for three days, August 5-6-7. If you have not been to this track, ask someone that has as it is a great track. Fourth up will be the trek down to Connecticut for our "Lime Rock Fun Day" on Sept. 7. And last, but not least, we will be returning to NHIS for our final event "Spring is a Long Time Coming" October 16-17.

For the 2006 DE Season NCR has insti-

tuted a new instructor payment structure as follows:

Confirmed Instructor registrations at least 21 days in advance of an event will be at no charge. Within 21 days, so long as an Instructor agrees to take 2 students, there will be no charge. The charge within 21 days for an Instructor taking 1 student will be 50% of the normal rate. Abuses such as "no shows" or cancellations without 2 weeks notice will be considered cause for revocation of this privilege at subsequent DE events at the discretion of the DE Chair and Registrar.

Hope to see everyone at the track.

Bob Pickul, DE Chair

May 22-23 Pre-Memorial Day Event - NHIS

July 21-23 In the Heat of the Summer - NHIS

**Aug 5-7 Across the Boarder w/ CVR -
Le Circuit Mont Tremblant**

Sept 7 Lime Rock Fun Day - Lime Rock Park

Oct 16-17 Spring is a Long Time Coming - NHIS



Tool and Equipment Connection, Inc
63 George Leven Drive North Attleboro, MA 02760
888-594-7800
info@teclifts.com

Offering equipment solutions to improve your garage environment

- Service lifts
- Storage lifts
- Motorcycle lifts
- Jacks and stands
- Cabinetry
- Workbenches
- Lubrication equipment
- Waste oil management
- Compressed air systems
- Exhaust extraction



LISTA
MAKING WORKSPACE WORK™

Lifting Your Expectations Since 1984

www.teclifts.com



Next Month in the *Northlander*

Dear Hanzzy Returns!

Enter the "Contributor of the Year" Contest
Submissions always welcome
via Email to northlander@ncr-pca.org!

Got an Idea for an Event,
Want to chair an Event ?

Call Janet Leach (603) 433-4450



Your
Authorized
Service Center



**Nelson Brooks is shown
operating Precision's new
Porsche scan tool**

Call (603) 624 1113
Toll Free 1 800 464 2031 183 Faltin Drive, Manchester, N.H.

Schroth · Sabelt · Brey Kraus · Motec · Stack · Brembo · Bilstein · Recaro · Pagid ·

· Brembo · Bilstein · Recaro · Pagid · AP · Alcon · JRZ · Moton · Eibach · Hyperco · Bosch · Fikse · BBS ·

Alcon · JRZ · Moton · Eibach · Hypercoil · Bosch · Fikse · BBS · Schroth · Sabelt · Brey Kraus · Motec ·

Iwould like to take this opportunity to formally introduce you to *European Performance Engineering* and our corporate mission. At *EPE* we take great pride in providing the finest service available for your Porsche, enhancing your ownership experience in the process. Our commitment to excellence shows in many ways, through our flexible work scheduling, our cost effective approach to proper repair and maintenance, and our unique ability to make your ownership experience pleasurable and rewarding.

We use only the finest parts available from Porsche Cars North America and Porsche Motorsports, as well as those from carefully chosen aftermarket manufacturers who share our commitment for uncompromising quality and performance.

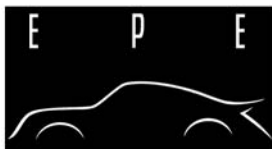
EPE has been in the business of service, repair and upgrading of Porsche cars for over twenty years, and has a staff with over 30 years of experience providing discriminating Porsche owners with the best care available for their treasured automobiles.

Many of our clients use their Porsches every day and some only for weekend pleasure. Perhaps you've seen Porsches we service and maintain displaying our *EPE* logo, either on the street or on racetracks around the country. The owners of these cars enjoy the benefits of a "banner rate", a 10% discount on all service labor costs just for displaying that tasteful emblem.

The next time you need any service, repair or perhaps just a second opinion on Porsche related questions, please feel free to give me or my staff a call or just drop us an email at EPE@EPE.com

Happy Motoring
Jerry Pellegrino

*Of course Tech Inspections for track events are complementary - Just drive by



EUROPEAN PERFORMANCE
ENGINEERING, INC

A Brief History of the 928...continued from page 11



was also available with champagne gold metallic paint, brushed gold alloy wheels and two tone interior. Perhaps that 928 I now remember seeing was a venerable Weissach edition. Only 205 Weissach edition cars were produced.

In 1983 the 928S was introduced to the US market, now fitted with the 4.7 liter engine. This powerplant was de-tuned from the European specification, however made a healthy 234 hp and a top speed of 146 MPH. By 1984 the 928S list price is a very stout \$44,000. Along with the higher list price, the trim of the car is improved with leather seats, electric windows, automatic climate control

and heated rear mirrors. My 1983 Nissan Sentra (which I didn't get until 1989) didn't even have a passenger side rear mirror let alone heated rear mirrors. 1985 saw another displacement in the engine bay, now up to 5.0 liters and 288HP. Along with the extra power, there are now 32 valves under the bonnet for the US, while the rest of the world continued to see the 16 valve engine which actually made more power. Top speed bumped up to 155mph while the

sticker price took a very modest increase to \$44,600 (\$37.50 per valve increase or \$67 per mile per hour increase if you want to think of it in different terms).

For 1986, the 5.0 liter continues however S4 brakes and ABS are fitted standard. Again, I ask the reader to mentally compare the 5.0 liter 928 to a 5.0 liter Ford Mustang of the same era and tell me which one is the modern car. The ABS came at a dear price as the list price jumped to \$51,900 before options.

1987 was a monumental year for the 928 with the introduction of the 928S4. The 5.0 liter 32 valve engine is now up to a





whopping 316 HP, the body was revised slightly to improve aerodynamics including a slight lengthening of the rear body section and revision to the front and rear spoilers. The tweaks to the body resulted in a more efficient drag coefficient, assisted with a revised belly pan. Automatic grill vents provided cooling to the driveline components depending on temperature and speed. Additional electronics added to the car included computerized gauge binacle including “distance to go” fuel calculations, dual servo controlled radiator

fans, optional rear passenger AC and air bags. The original dual clutch was updated with a larger diameter single clutch disk. To stop the car, four piston Brembo caliper and larger rotors were fitted for the S4. Top speed was up and Al Holbert set a land speed record of 177 MPH in a catalytic converter equipped stock 928 at Bonneville. Price: now well over \$60,000 for all this technology.

In 1989, even more technology was heaped on this car, now with driver and passenger air bags as standard. The 928GT was fitted with low tire pressure warning system and an electronically controlled Limited Slip Differential. To harness the power and torque, the rear wheels were enlarged to 16x9” at the rear. The 928GT is a very desirable car, so if you are in the market, do some research as fakes apparently ex-



ist. Price in 1990 was up to \$76,500, a huge number indeed.

1992 saw the introduction of the 928GTS. Your \$80,900 USD got some more goodies, engine displacement was up to 5.4 liters and 345 HP. Surprisingly, suspension settings were softened slightly when compared to the 928GT while the bodywork received some tweaks in the form of flared rear fenders to accommodate a 2.7” wider rear track. Under the flares were 17x9” wheels and even larger Brembo brakes, now 12.68” diameter, up more than 0.5” over the previous brakes.

By 1995, the 928 was in the last year of production and a base price of \$82,500. The very last car was delivered to the Porsche museum while the last customer car was finished in Perlglanz “Green Yellow” with a two-tone lime and plum leather interior.

continued on page 18

If the list price wasn't enough, or if additional equipment was desired, Porsche offered a surprising array of options. By the end of production, the list price of the car had almost tripled.

An amazing car, the 928 was filled with a number of innovations for production cars, an engineering delight and outside of some gaudy color schemes, an aesthetic masterpiece looking as fresh today as it did when first introduced nearly twenty years ago.



Just a few of the options available.

- XF2 Leather Instrument Housing (\$1594)
- XM6 Leather Door Openers and Handle Recess Plates (\$371)
- XJ3 Leather Locking Knobs and Plates (\$341)
- XN7 Leather Parking Brake (\$263)
- XP7 Leather Seat belt Lock and Housing (\$221)
- XP6 Leather Seat Belt Hinges (\$404)
- XR3 Leather Front Seat Hinges (\$694)
- XR5 Leather Backrest Lock Controls (\$957)
- XL4 Rootwood Center Console, Door Panel and Trim Inlays w/Analog Clock (Dark in Color) {\$5213}
- XL5 Rootwood Center Console, Door Panel and Trim Inlays w/Analog Clock (Light in Color) {\$5213}
- XH6 Leather Horn Button (\$254)
- XJ2 Leather Impact Post (\$283)
- XJ8 Leather Shift Cover (Automatic Trans.) Color to Sample (\$329)
- XK7 Leather Shift Cover (Manual Trans.) Color to Sample (\$392)




LET OUR EXPERIENCE HELP YOU
EXOTECH

MAINTENANCE – REPAIR
9 NEWTON ROAD
PLAISTOW, NH 03865

Mark Nadler

(603) 382-3599



Sports Car WORKSHOP

We Specialize in Parts, Accessories, and Service for Your Porsche !



We maintain stock of routine maintenance items for your Porsche as well as fine accessories - which we can install on site.

- *Zimmermann Drilled Brake Rotors
- *DOT Stainless Brake Lines
- *ATE Super Blue Brake Fluid
- *Mahle Air, Oil, and Fuel Filters
- *B&B Performance Exhaust Systems
- *Large Selection of Books & Manuals
- *Svepco 201 Gear Oil
- *Wurth Products
- *Bosch Platinum Plugs
- *Sachs Clutch Kits
- *Leather Shift Boots
- *Body & Trim Seals

Shop Labor Rate \$62.00/hr

Your "local" source for parts and service - on Rte 1 between Biddeford and Kennebunk in Arundel, ME. We ship UPS daily!

Please check us out on the web at www.sportscarworkshop.com

Sports Car Workshop, Rte 1, Arundel, Maine
Ph: 207-985-6661 Email: Sportscar@gwi.net



Autocross Season is Here!

No experience necessary

The 2006 Autocross Season starts this month! After a long and not so snowy winter, we are anxious to get out, enjoy the tarmac and sacrifice a few cones. If you have never autocrossed, don't worry, it's fun to learn and we have instructors to help you get started. Most folks get hooked after just one event!

Our schedule is a bit more scattered than in previous years due to increasing competition with other car clubs for a decreasing number of available dates. I managed to trade some dates with other clubs to improve our schedule. We have five dates:

Saturday, April 22
Saturday, May 13
Saturday, July 1
Saturday, August 26
Saturday, September 16

All autocrosses take place at the Moore airfield in Devens, MA. We made a couple changes to the classes so be sure to check your car's class before registering. This is also a good time to verify not only your car's info, but your personal and emergency contact information as well.

Registration is now open for all five dates. Save money by registering online in advance. The entry fee is \$25 per event in advance and \$30 at the event. Save another \$25 by registering now for all five events. That's one autocross for FREE!

More information is available on our website or by email:

www.ncr-pca.org/autocross
autocross@ncr-pca.org.

www.autowerkesmaine.com

AUTOWERKES

European Auto Sales and Service

207-582-2002

Located with Ayer Auto Restoration, Brunswick Rd., Gardiner, Maine

BMW ♦ Porsche ♦ Mercedes ♦ Audi

Late Model Diagnostic Specialist
Factory Diagnostic Information
Corner Balance and Alignment
Carb & MFI Tuning

25 Years Experience

The newest source for Porsche Parts

apex
Performance Parts

**From longtime North Country Region
members Jay Gratton and Matt Romanowski**

www.Apex-Parts.com

PORTERFIELD
RACING BRAKE PADS

BOSCH

TERRACABLE



HELP WANTED

North Country Region is currently seeking individuals to assist as our advertising chair. If interested, please contact Janet Leach at (603)433-4450 or email at president@ncr-pca.org



Advertising Sales

Partner up with Judy Hendrickson to assist in selling advertising space in the *Northlander*. In this position, you will work closely with the *Northlander* newsletter and club webmaster. The advertising sales position will also coordinate with various committees that may be seeking event sponsorship offering additional exposure to advertisers that may wish to sponsor club events. The advertising chair will finally seek new advertising opportunities and ensure that invoicing is done promptly while responding to any concerns of the advertisers.

Assistant Property Manager

Assistant (Co-?) Property Manager: The current property manager is looking for an assistant to manage the club property when he is not available. Duties may include: Tow the NCR trailer to/from events as needed (Autocrosses & Car Control Clinic); pick-up or full-size SUV required, 4000 lb towing capability. Manage, maintain, and account for trailer contents. Maintain generator as needed (gas, oil, etc.). Sign out/in loaner helmets (DE, AX, & CCC events). Sign out/in radios (DE, AX, CCC). Charge radios before & after events. Register trailer; store trailer in safe location. Have questions? Call (603)526-6578 or email ednan@tds.net Some expenses are covered

Meister Restorations Corp.

The Finest of ALL Porsche Restorations



Complete in-house services offered:
Metal Fabrication • Body & Paint Work
Mechanics & Machining • Interior Work

ROUTE 28 • NORTH BARNSTEAD, NH 03218

PO BOX 846 • ALTON, NH 03809

TEL/FAX: (603) 776-3561

RAINER COONEY • JERRY DASCOLI



Driver Education Safety Checklist Updated!!

Please be sure to familiarize yourself with new changes to the DE Safety Checklist prior to your first DE event. You can find the DE Safety Checklist at the following location www.ncr-pca.org/drivers-ed/tech_form.html

Review the list carefully and be sure to have your car thoroughly inspected prior to a DE event. You can find a full listing of Tech Inspectors in this issue of the Northlander. The following is a short list of some of the new requirements for 2006.

HELMET(S) – Snell foundation 2000 or newer in good condition, SA recommended, M rating acceptable.

SEATBELTS – Metal-to-metal seat belts securely mounted (driver and passenger). 1965-68 911/912 must modify outer seat belt anchors so belt crosses pelvic bone and lower abdomen and down to anchor as near to 45 degrees as possible. Cars with a full cage must have a properly installed equal 5- or 6-point harness & seat for each occupant. Five or 6-point harnesses must pass through seat openings intended for this purpose, or the factory 3-point belts must be used in addition. NCR strongly recommends race seats be used with 5- or 6-point harnesses; 4-point harness systems must also use factory 3-point belts. Aftermarket harnesses and belts should be replaced if older than 10 years.

RUST – No structurally compromising rust allowed.



Annual Ice Out Tour

Date - Sun April 23

Time - 10:00A

This is the perfect time to get the Porsche out of the cocoon, and warm up the oil on a nice brisk tour through rural New Hampshire and adjoining states. Start location is the McDonald's Restaurant just off Gosling Rd and 16 in Newington. Gosling is the road into Pease, please see map below.

We will depart the McDonald's at 10 AM on Sunday, April 23 with the final destination the Carlson Auto Museum in Melvin Village which is just North of Wolfeboro, on Route 109. Those not wanting to do the tour from Newington can meet at the Johnson's in Wolfeboro and we will caravan to the museum.

Directions will be provided.

This will be a leisurely tour, not a competitive event – Route instructions will be provided at the Start and it will be a scenic trip unless Spring is still eluding us by then. This will be a great opportunity to get the Porsche out, wash it, and have a drive through the countryside.

At the Museum we will see a lovely collection of cars and have a catered box lunch. Lunch will be at 12:30 more or less. So those who did not do the tour should be there by noon for the Museum Tour and lunch.

Fees: \$5.00 per car for the tour \$8.00 per person for lunch. Guests invited.

PLEASE call or email Don Johnson with any questions.

Tel 603-569-3337

Maus930@metrocast.net





Annual Ice Out Tour Application

PLEASE call or email Don Johnson with any questions
603-569-3337 Maus930@metrocast.net

Please Mail check or call or Email your reservation – we must
have a count for the lunch caterer.

Checks Payable to NCR- PCA please

Mail Check to
Don Johnson
10 Lary Rd.
Wolfeboro NH 03894

Name _____

Navigator _____

Phone _____ Email: _____

PCA Region: _____

Guest: _____

Car entry \$5.00

Number of Lunches @ \$8.00 x _____ = _____

Total Enclosed: _____

Note New Insurance rules require the signature of both parents on
the release form for minor children in the car.



NCR 2006 Tech Sessions are here!

Electrical Gremlins and Goblins Precision Imports Saturday April 15, 2006 11:00 am

Once again, Dick Horan, an ASE Master Technician and Certified Bosch Technician is inviting us into his State-of-the-Art facility to hear all of his trials and tribulation in dealing with new automotive systems. This event is always full of insight and knowledge as Dick is able to share the latest in testing and diagnostic equipment, along with real life situations where he discovered the many pitfalls and greatnesses of automotive electronics. **Please let Dick know you're attending at 603-624-1113 or email him at dick@precisionimports.com.**

Directions: Take Exit 1 off I-293 to S. Willow St. in Manchester. Head west toward town (away from the mall). Go approximately 1 mile and turn left into Shaw's. Immediately look left for Precision Imports (and their Bosch signs).

Cayman S Technology Preview Porsche of Nashua Saturday May 20, 2006 11:00 am

Come to Porsche of Nashua and get an up close view of Porsche's newest model, the Cayman S. We will be given a personal tour of the model and be able to see it inside and out. Wonder how it makes all that power? Trying to figure out why it handles so well? Can't figure out where to put your golf clubs? This is the session to get the answers to all your questions. Don't miss this chance to see the details that make a Porsche so special. **Please RSVP with Harry Robinson at 603-595-1707**

Directions: Take Rt. 3 South to exit 5E in Nashua. Go .2 miles and bear right. Go right onto Main Dunstable Road. Porsche of Nashua is on the left.



Zone 1 Concours d'Elegance & Rally

May 19, 20 & 21, 2006

Porsche Club of America
Connecticut Valley Region

On May 19-21, the Connecticut Valley Region will host the 27th Annual Zone 1 Concours and Rally in Danbury, Connecticut. Weekend activities will include a Rally through the foothills of Western Connecticut/New York and a Full & People's Choice Concours. This event is geared for both the novice-level as well as the experienced PCA member. The net proceeds of the weekend will again benefit Paul Newman's Hole in the Wall Gang Camp for seriously ill children.

The 27th Annual Zone 1 Concours will include 2 categories: one a fully judged Concours (no undercarriages, but wheel wells), and a "peoples choice" car show (wash and shine). Concours preparation will be on Saturday at the host hotel and the concours show will start promptly Sunday morning, placement of cars by 8:30 am. **Trophies** Signed limited edition signed prints ("*Floating Crest*" by **Leonard Turner**). If you have any concours questions, contact John Paterek at 973-635-5918 or email: paterek@aol.com

The 9th Annual Zone 1 Rally will be a straightforward time/speed/distance rally designed to test the competitors' ability to drive and navigate. The rally will start at the host hotel on Saturday, will be about 2 hours long and will be challenging for both novice and experienced rally teams. The rally will run in two separate classes based on experience. Both classes will run unequipped, meaning only simple hand held calculators with single memory functions will be allowed plus stock odometers. All roads will be paved so rally cars can participate in the concours the following day. There will be a novice meeting at 10:30 am and a Driver's meeting at 11:45 am. The first car off will be at 12:31 pm. Rally awards will be given out at dinner. Questions about the rally, contact Bob Michaelson at 973-492-2014 or email: cupcar@optonline.net

The host hotel for the weekend will be the Sheraton Danbury. Event registration will start at 9:30 am on Saturday, May 20, at the hotel. A Friday night hospitality room sponsored by Zone 1 will take place from 9:00 to 10:30 pm, again at the host hotel. Saturday evening will feature a cocktail reception, a buffet dinner and rally awards.

Weekend Schedule

Friday Evening-Hospitality

Saturday Midday - Rally (starting from Sheraton hotel)

Saturday Morning -Registration & Rally Novice School

Saturday Evening -Dinner & Rally Awards

Saturday All Day Concours Preparation

Sunday All Day Concours d' Elegance

Hotel Reservations

The Sheraton Danbury is the host hotel for the weekend (off Exit 2 on I-84). Participants who wish to stay at the hotel should make their own reservations by calling the hotel directly at 203-794-0600 (before May 5th to receive group rate) and asking for the Porsche Club of America rate of \$99 per night.

Registration Application- Concours, Rally & Dinner

Concours Entrant/Rally Driver _____	Pricing Information (dates are postmark)
Entrant Address _____	Concours Only - \$30/car (\$40 after May 5)
City _____ State _____ Zip Code _____	Rally Only - \$30/car (\$40 after May 5)
Phone _____ Region _____	Concours & Rally Combo - \$45 (\$60 after May 5)
E-mail _____ License# _____	Saturday Dinner - \$45 per person (\$60 after May 5)
Concours Co-entrant/Rally Navigator _____	Summary and Totals
Car Model _____ Year _____ Color _____ Body Style _____	# People Item Dollars (US funds)
<u>We are entering the following events: (please check all that apply)</u>	_____ Concours Fee \$ _____
Concours: Full _____ Peoples Choice _____	_____ Rally Fee \$ _____
Rally: Experienced (5 or more rallies) _____	_____ Combo Fee \$ _____
Novice (fewer than 5 rallies) _____	_____ Dinner Fee \$ _____
(Please make checks payable to Zone 1 PCA)	_____ TOTAL \$ _____

(Mail checks and Registration form to: Pam Trusheim, 24 Old Barlow Mtn Rd., Ridgefield, CT 06877

Contact Pam at 203-438-5544 before 10 pm, or by email at zone1.concours.rally@adelphia.net)

Everything to keep you safe

Motul & Red Line Fluid • HANS Device • Suits, Shoes & Gloves
Recaro & Cobra Seats • Bieffe, Arai & Bell Helmets

SCHROTH RACING



3 First Ave • Peabody, MA 01960
Mon-Fri 9am-7pm, Sat 10am-2pm
www.hmsmotorsport.com

888-467-3269

HMS motorsport

NCR TECH INSPECTORS

By: Edgar Broadhead - Safety Chair



The following individuals have been appointed as Tech Inspectors for those region members who enter track events that require inspection prior to the event. Unless indicated otherwise, the Tech Inspection is provided as a free service to North Country Region members who bring the inspection form that accompanied their registration packet for driving events. If you experience otherwise, please let any of your Board Members know of the circumstances.

Michael Grishman
Foreign Intrigue
Berwick, ME 03901
207-698-1000

Jerry Austin
222 Rockwood Drive
South China, ME 04358
207-245-5166

Ray Ayer
Ayer European Auto Restoration
Gardiner, ME 04345
207-582-3618

Rick Cabell
Eurotech
615 Airport Parkway
S. Burlington, VT 05403
802-660-1900
(Charges by the hour)

Bill Smith
Auto Union
Northfield Road
Montpelier, VT 05602
802-223-2401
(Charges by the hour)

Peter Fail
296 Boston Road
Groton, MA 01450
978-448-8496

Chris Darminio
101 Mailcoach Road
Portsmouth, RI 02871
401-846-9337

Paul Magarian & Steve Cochran
Porsche of Nashua
170 Main Dunstable Road
Nashua, NH 03060
603-595-1707

Dick Horan, Rich St. Jean,
Darryl Ritchie, Mark Cyr, Ralph Alio,
& Mike Thompson
Precision Imports
Manchester, NH 03103
603-624-1113

Andy Sanborn
30 Gulf Road
Henniker, NH 03242
603-428-8362

Norm L'Italien
New Hampton, NH 03256
603-744-9721

Edgar Broadhead
New London, NH 03257
603-526-6578

Abe Anderson
Bow, NH 03304
603-228-1790

Steve Berlack
42 Church Street
Franconia, NH 03580
603-823-7748

Bob Pickul
Claremont, NH 03743
603-543-1738

Craig Wehde
Sports & Vintage Car
Plainfield, NH 03743
603-543-1738

Bob Tucker
Portsmouth, NH 03801
603-659-0893

Mark Nadler
Exotech
Plaistow, NH 03865
603-382-3599

Blair Talbot
11 Sleeper Street
Rochester, NH 03867
603-335-2924

Corey Jacques
Richard Albanese
Sports Car Workshop, Inc.
Rt 1 2210 Portland Rd
Arundel, ME 04046
207-985-6661

Rick Kolka
Continental Automotive
Repair Services
75 S Pascack Rd
Nanuet, NY 10954
845-356-2277

Al Ward
Chatham, MA
508-945-5517

**28,000 DIN
horsepower
all under
one roof**

- New, used & rebuilt Porsche® parts
- All years, all models: 356, 911, 912, 914, 924, 944, 968, 928, 930
- All used parts from rust-free CA cars
- Friendly, knowledgeable staff
- We ship UPS daily
- Mon-Fri: 8-5, Sat: 9-3 Pacific Time

800.767.7250

Tel 510.782.0354 Fax 510.782.0358
www.partsheaven.com

**PARTSHEAVEN**

Tyson Duve
121 Kendall Pond Rd
Windham NH 03087
603-434-5935
rsa911@adelphia.net

Chris Loader
Eric LaPensee
Loader Imports
210 Main Street
Sandown NH 03873
603 887 0911



BUSINESS CARDEXCHANGE

YOURCARD
CAN BE
HERE FOR
ONLY \$55/
YEAR!
CONTACT
THE
EDITOR!

IMPECCABLE AUTOMOTIVE INSTALLATIONS

P E R F O R M A N C E

E L E C T R O N I C S

STUART N. JONES

603-378-2004

2005

Certified Sales Professional

Harry Dean Robinson
Certified Sales Manager

Porsche of Nashua

170 Main Dunstable Road
Nashua, NH 03060

Phone: 603 578 3760
Fax: 603 595 1708
Toll-Free: 1 800 486 2834
E-mail: hrobinson@porschenashua.com



PORSCHE



STIBLER ASSOCIATES, LLC

space planning *interior design*

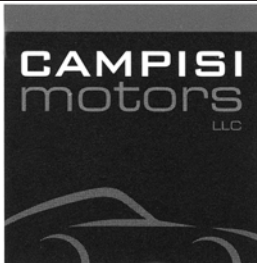
PHYLLIS L. STIBLER, ASID

306 Highlander Way
Manchester, New Hampshire 03103
P. 603.623.8952 ■ F. 603.623.0593
www.stibler.com

MICHAEL GRISHMAN

**FOREIGN
INTRIGUE_{INC.}**

46 PINE HILL ROAD
BERWICK, MAINE 03901
207/698-1000
FAX: 207/698-1001
www.foreignintrigue.com



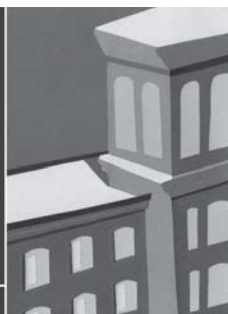
Joe Campisi
Campisi Motors, LLC
58 Lafayette Road
North Hampton, NH
03862
603 964-9339

PORSCHE | ENHANCEMENTS RESTORATION REPAIR

Lavallee/Brensinger Architects

Architects
Interior Designers
Planners

603.622.5450 www.lbpa.com



Concord, NH
Cell Phone: (603) 344-4735
Phone: (603) 753-6735

Thomas Buckingham
Housewright, LLC
General Carpentry, New Construction & Renovation

FROM THE SHOW,
TO THE SHOP,
TO THE TRACK.

LET US
GET YOU THERE
AND BACK.


IRON HORSE
STRATHAM, NH  603-772-3378
CAR CARRIERS
ANTIQUES - RACECARS - SPECIALTY CARS
DOOR TO DOOR SERVICE



DAVID CHURCHER
PHOTOGRAPHY

10 CHESTNUT STREET, SUITE 1105
EXETER NH 03833
603 799 4688
www.DavidChurcher.com
e-mail: DavidChurcher@comcast.net

Sports Car Workshop
Ph: 207-985-6661 ~ Fax: 207-985-9099
Corey Jacques E-mail: sportsscar@ghi.net
www.sportscarworkshop.com
2210 Portland Road ~ Arundel, Maine 04046



Dan Witmer
Certified Sales Professional

Porsche of Nashua
170 Main Dunstable Road
Nashua, NH 03060
Phone: 603-578-3759 Fax: 603-595-1708
Toll Free: 800-486-2834
E-mail: dwitmer@porschenashua.com

**2006 Certified
Sales Professional**

**LOVERING
VOLVO**
at Concord

Loving Volvo at Concord
Authorized Volvo Cars Retailer

95 Manchester Street
Concord, NH 03301
(603) 225-6681 ext. 157
Toll Free (800) 875-5565
Fax (603) 225-5279

VOLVO

Steve Gratton
Sales & Leasing Consultant

THE MART



The Mart is a free service to NCR members and other PCA members (space permitting) for their personal property. Commercial Advertising in **The Mart** is on a space available basis for \$10 per 10 line ad per issue. Submit ads to the Editor.

* Indicates number of times ad has appeared.

FOR SALE

1985 911 Carrera** WPOAB0919FS121262 Black/Black, The Magic Eight Ball, as seen at numerous NCR club events is for sale or trade toward 911 track car. Fuchs, AC, Cruise Control, Electric Leather Driver and Passenger Seats, Sun Roof, H4 Headlight upgrade (originals available), optional Dasport Bolt in Roll Bar, Simpson 5 pt. harnesses and Rennsport pedals. Asking \$20,000 with options. Bill Kallgren, Hudson, NH (603) 930-2171; kallgren@adelphia.net

Priced to Move! 2000 Boxster* with 17000 miles. Black metallic ext. Black interior. Excellent condition throughout. No winters or bad weather driving, always garaged. Includes fiberglass speedster humps, ss door sill protectors and windstop accessories. It would be difficult to find a better condition low mileage 2000 Boxster. I have 2 and need to sell one to clear garage space. \$24,500. Brett Wright 802-259-2711 or bew@vermontel.net

1993 Audi S4* Classic Audi Quattro AWD, 5 Cyl. Turbo, Green/Black, maintained in excellent condition. New Bridgestone Blizzak Winter tires mounted on spare wheels, Summer tires new 6/05. Complete maintenance records available. Recently maintained by Audi of Nashua. The Audi S4 was replaced by a RS-6 December 03 and has been in the garage most of the time since the RS-6 arrived. \$7,200.00. George Rief, Durham, NH, 603-868-2551. rief944t@comcast.net.

1987 911 Race Car* '95 3.6 engine with TPC factory installed Supercharger. Welded cage, brakes & suspension upgrades. GT Racing RSR kit, G-50 trans. Fuel Cell, Headers, SS Brake lines, & Fiske FM/10 Wheels. Great DE Car with low miles on engine. Used only twice since supercharger installed. Ready to GO ! \$ 24,975. Call Ed Cincotta 908-705-2652 for more details, or email eacheckeredflag@aol.com.

BLOW YOUR MONEY ON CARS, NOT INSURANCE



Let's face it, the less you spend on insurance, the more you'll have to spend on the car of your dreams. So call Hagerty. Since all we insure are collector car owners – the safest drivers on earth - our rates are ridiculously low. So blow your dough on something fun for a change.



Allstate

The Michael A. Bernier Agency, Inc.
Allstate Insurance Company
400 Amherst Street
Nashua, NH 03063-1241
Tel 603-889-5800

FUELED BY



COLLECTOR CAR & BOAT INSURANCE

Stuttgart Northeast, Inc.



SERVICE FOR PORSCHE & MERCEDES BENZ

SERVICED BY PEOPLE THAT OWN AND DRIVE THEM

Jim Mallette
Owner - Technician
978 777-3077
FAX 978 777-9985

507 Maple Street
Route 62
Danvers
Massachusetts 01923

ADVERTISERS INDEX

Apex 21

Autowerkes 21

Ayer European Auto Restoration Back Cover

Campisi Motors 32

Dan Witmer (Porsche of Nashua) 33

David Churcher Photography 33

EPE 15

EXOTECH 18

Foreign Intrigue 31

Harry Robinson (Porsche of Nashua) 31

HMS 28

Housewright LLC 32

IRA Inside Back Cover

Iron Horse Transportation 32

Lavallee/Brensinger 32

Michael Bernier Agency/Hagerty/Allstate 35

Meister Restorations 22

Porsche of Nashua Inside Front Cover

Parts Heaven 30

Performance Electronics 31

Precision Imports 14

Sports Car Workshop 19+33

Steve Gratton (Lovering) 33

Stibler Associates 31

Stuttgart Northeast 35

Tires to You 5

Tool and Equipment Connections 13

NORTHLANDER ADVERTISING RATES

per Issue	Full Pg	Half Pg	Otr Pg	Bus Card	Inside Cov	Back Cov
	\$50	\$35	\$25	\$5	\$55	\$50

Advertising contracts are for one (1) year (11 issues) unless otherwise noted. Billing is done twice per year, December and June. Business card ads are billed once per year in December. We are happy to accept new advertisers part way through the year. Contact the Editor for size and format specifications.

©2005 Porsche Cars North America. Porsche recommends seat belt usage and observance of all traffic laws at all times.



Boxster S



911



911 Cabriolet



Cayenne

Something For Everyone.

The entire Porsche collection gives drivers of the world a reason to embrace the road. From sports cars to sport utilities, Porsche's impeccable styling and performance will make you the envy of every driver. At Ira Porsche, you'll covet no longer with our spectacular selection of new and Certified Pre-Owned Porsche vehicles, plus a parts and service department with everything needed to pamper your Porsche properly. There's a Porsche enthusiast in all of us, and at Ira Porsche, you'll find there is truly something for everyone.

**Exclusive values specially reserved for
Porsche Club Members. Call for details.**



Ira Porsche

Route 114 • Danvers
1-800-Trust-Ira
www.iraporsche.com
Showroom Hours Mon-Thurs 9-9
Fri & Sat 9-6 • Sun 12-5



PORSCHE

AYER European Auto Restoration

www.ayereuropeanauto.com



Gardiner, Maine

(207) 582-3618

Northlander

Lisa Roche
35 Chapman Place
Leominster, MA 01453



PRSRT STD
U.S. Postage
PAID
Manchester
NH

Permit # 417

Address Service Requested