



# *2019*

# *Driver's Education*

# *Ground School*

**Northeast Region PCA**

**March 9, 2019**

**Updated May 13, 2019**

# Agenda

- Introductions
  - HMS Motorsports – event sponsor
  - NER Track Committee
- Safety & Equipment – Cody McLean, HMS
- Driver Education
  - MissionCC
  - Benefits
  - Participation
  - Event Info
- Wrap-up/Q&A/Lunch/Browse HMS

# Event Sponsor

- HMS Motorsport - Joe Marko, owner
  - Founded HMS Motorsports in 1995
  - Expert on and passionate about motorsport safety
  - National Safety Steward- BMWCCA Club Racing
  - Driving Events Advisory Team – Porsche Club of America
  - Society of Automotive Engineers (SAE)
  - International Council of Motorsports Safety (ICMS)
  - Driving Instructor – BMW CCA, Ferrari Club, PCA, SCDA
  - Longtime host of NER DE Ground School

**Thank You!**

# NER Track Committee

John Dunkle & Adam Schwartz	Track Co-Chairs
Dave Berman, Charlie Kenney & Tom Buckingham	Chief Instructors
Kristin Larson	Instructor Development
Peter Tracy & Penn Young	Driver Development
Ed Mansing	Novice Development
Stan Corbett	DE Registrar & Safety Chair
Justin Becker	Chief Scrutineer & Track Tech Lead
Buzz & Sally Bean	Control Chief & Track Operations
Pam Mascetta & Judi Mansing	DE Socials Committee
Sterling Vernon	DE Social Media

For contact info – see [www.porschenet.com](http://www.porschenet.com)

# NCR Track Committee

Dennis Mascetta &  
Dave Porter

Track Co-Chairs

Dave Zrimsek &  
Chip Wood

Chief Instructors

Ollie Lucier

Instructor Development

Elizabeth Jolly

Green Zone

John Lussier

DE Registrar

Mark Nadler &

Safety

Ed Broadhead

Gary Gammons

Grid Tech Lead

Pam Mascetta

Track Operations

Toni Surdam &

DE Socials Committee

Margaret Zrimsek

For contact info – see [ncr-pca.org/](http://ncr-pca.org/)

# Driver's Education Mission

- The mission and purpose of PCA's DE Program is to provide a safe, structured and controlled teaching and learning environment.
- The PCA DE Program is designed so that participants can improve their driving abilities and acquire a better understanding of vehicle dynamics and driving safety.
- Participants experience first-hand the capabilities of high performance automobiles in a controlled, closed-course environment and acquire skills that will enhance safer vehicle operation in all driving situations.

# What You'll Learn

- The proper line around the track
- Braking, shifting & cornering techniques
- Vehicle dynamics and car control
- Proper use of vision
- On-track awareness, safety & courtesy
- Intuitive & counter-intuitive behavior
- You and your car's capabilities

# DE Benefits

- Self-paced learning & advancement
- Apply what you learn to daily driving
- Better anticipation & observation skills
- Improved focus
- More confidence = More control
- Meet people with a common passion
- Safe & fun!



# More Benefits...

- Improve daily driving
  - Car control
  - Situational awareness
  - Driver courtesy
- Gain a respect for speed
- Learn high-performance driving skills
- Challenging and rewarding experience
- Do what most drivers only dream of doing!

# DE Social Aspects

- Diverse people with a common passion
  - Close friendships will develop
- Interesting destinations in US & Canada
- Non-driver/family activities (day/evening)
  - Recreational (water, cycling, fine dining)
  - Tourist (museums, wineries, historic sites)
  - Shopping
- Evening activities
  - Trackside socials
  - Dinner, cocktails, discussions...
  - Level of off-track involvement is up to you!

# What DE is not

- Not racing
- Not preparation for racing
- No times or places are recorded
- No awards or prizes are presented
- Not dangerous – but it is serious!
- Can become addictive...

# DE Event Overview

- Event registration; cost approximately \$215/day depending on venue
- Pre-event tech inspection
- Daily trackside safety inspection
- Driver's meeting every morning
- Drivers grouped by DE experience
- 4 – 20-30 minute track sessions daily
- Social end of first day at most events

# Who Can Participate?

- 18 years old or older
- Valid driver's license
- Current member of PCA or other recognized car club (such as BMWCCA)
- 2 drivers can share one car
  - Each driver in a separate run group

# What Can You Drive?

- Your Porsche, of course
- NER & NCR allow non-Porsches
  - Other PCA regions may be Porsche-only or have other region-specific rules
- Cabriolet/Convertible Cars:
  - Most cars delivered with factory installed roll over protection meet the minimum standards for PCA DE events
  - If a car does not have factory installed roll over protection, a roll bar or roll cage must be installed which meets the "broomstick" rule.
  - Some tracks have additional requirements
- Most tracks have dB (noise) limits – a modified exhaust may not be acceptable

# Safety Equipment

- Helmets & accessories
- Shoes & gloves
- Seats & harnesses
  - Head & neck restraints required with multipoint harnesses (new for 2019)
- Roll bar / cage
- Fire extinguisher & bracket

# HANS & Harness 2019

- Head and neck restraint system (aka HANS device) mandatory when multi-point harnesses are in use
- Roll bar or roll cage **Strongly Recommended** when race seats & harnesses are in use but is not mandatory
- Recommended that sedans and coupes with race seats & harnesses **without** roll bar or roll cage have \*functioning 3-point seat belts
- Sedans and coupes with race seats, harnesses **and** \*functioning 3-point seat belts that **do not** have a roll bar or roll cage, are allowed to use \*functioning 3-point seat belts with an instructor
- Students and drivers that use race seats and harnesses that **do not** have a roll bar or roll cage and **do not** have \*functioning 3-point seat belts in the car, **will not be provided an instructor**
  - To be painfully clear, Students using race seats and harnesses in the Green or Yellow run groups that **do not** have a roll bar or roll cage and **do not** have \*functioning 3-point seat belts in the car **will not be able to participate** in our DEs as all Green and Yellow run group students must have an instructor in the car with them when on track
- \*Note: A functioning 3-point seat belt requires similar fitment as provided by the stock seat



# Pre-event Activities

- Registration and payment
  - Registration for most NER events opens March 1st
    - NER event info - [www.porschenet.com](http://www.porschenet.com)
    - NNJR event info - [www.nnjr-pca.com](http://www.nnjr-pca.com)
    - NCR event info - [www.ncr-pca.org](http://www.ncr-pca.org)
- Helmet required (Snell 2010 or 2015 approved)
- Pre-event tech inspection by an approved inspector
  - Details & Tech Forms available on our web sites
- Clothing, food & drink
  - Long pants and long-sleeved shirts (natural fiber)
  - Comfortable shoes with non-slip soles
  - Eat lightly
  - Stay hydrated
- Info packets emailed to all participants

# Event Day Activities

- Check-in
  - Sign waiver, receive run group wristband and additional event info
  - Proceed to paddock or garage area (depending on venue)
- Trackside tech inspection
  - Remove any loose objects, including floor mats
  - Affix assigned car numbers (you must provide)
  - Go thru tech line (take helmet & completed tech form)
  - Receive final tech inspection sticker
- Driver's Meeting
  - Safety, rules, schedule, etc.
- Drivers grouped by DE experience
  - Talk to your instructor before going on-track for your first run
- Four 20-30 minute on-track sessions per group
  - Max # of cars in a run group dependent on length of track
- Work assignments - assignments vary by track
  - Tech line, control, staging, pit-out, & others

# DE Run Groups

- Green – Beginning DE drivers
- Yellow – Novices, limited DE experience
- Blue – Entry-level solo drivers
- White – Intermediate drivers
- Black – Advanced drivers
- Red – Instructors

# Students & Instructors

- Instructors assigned to all Green/Yellow run group drivers – no exceptions
- Registration fee includes instruction
- All instructors certified by the host region
- Instructor/Student pairings done with forethought
- Same instructor for an entire event
- Different instructor for subsequent events
- Rides with instructors encouraged for solo drivers
- Self-paced instruction & run group advancement

# Enhance your learning

- Observe & absorb what's going on
- Ask questions
  - Talk with your instructor before/after sessions
- Ride with Instructors
  - Lots can be learned sitting in the passenger seat
- Drill deeply into the DE section of our web site
  - <http://www.porschenet.com/activities/driver-education/>
- Seat time, seat time, seat time!

# Driver Resources

- People
  - Track Committee members
  - Driver Ed Instructors
  - Paddock and garage discussions
- Books
  - *Going Faster*, The Skip Barber Racing School
  - *Speed Secrets* series, Ross Bentley
  - *Porsche High-Performance Driving Handbook*, Vic Elford
- Internet
  - [www.porschenet.com](http://www.porschenet.com) & [www.ncr-pca.org](http://www.ncr-pca.org)
  - [www.pca.org](http://www.pca.org) (has links to all PCA regions' websites)
- Magazines
  - Nor'easter (on-line), Northlander, Panorama, Excellence
- Retail
  - HMS Motorsports & online vendors
  - Local tech shops

# NER/NCR Alliance

- Co-marketing of all NER & NCR DE events
  - One region is considered the host for each event
  - Registration & event managed by host region
- Common DE goals and philosophy
- Expanded expertise
  - Event planning & management
  - Improve already-successful DE programs
- Identical instructor development program
- Identical run group advancement policy

# NER/NNJR Alliance

- Co-marketing of all NER & NNJR DE events
  - One region is considered the host for each event
  - Registration & event managed by host region
- Le Circuit Mont Tremblant - co-owned event
- Common DE goals and philosophy
- Expanded expertise
  - Event planning & management
  - Improve already-successful DE programs
- Compatible instructor development program
- Reciprocal run group advancement policy



# 2019 NER Driver Ed Events

May 24 - 26 (Fri - Sun)	Thompson Speedway Motorsports Park, Thompson CT; includes Novice Day activities on Friday
Jun 7 - 9 (Fri - Sun)	Palmer Motorsports Park, Palmer MA (Friday Advanced)
June 30 (Sun)	VINTAGE DE #1 – Palmer Motorsports Park , Palmer MA
Jul 5 – 7 (Fri - Sun)	Le Circuit Mont-Tremblant, Mont Tremblant QC (co-owned NER/NNJR); concurrent with Blues Festival
Aug 9 - 11 (Fri - Sun)	Watkins Glen International, Watkins Glen NY
Aug 13 - 15 (Tue - Thur)	Calabogie Motorsports Park, Calabogie ON
Sep 20 – 22 (Fri – Sun)	Palmer Motorsports Park, Palmer MA
Oct 5 – 6 (Sat – Sun)	VINTAGE DE #3 – Palmer Motorsports Park , Palmer MA

Check [www.porschenet.com](http://www.porschenet.com) for event details

# 2019 NNJR & NCR Driver Ed Events

Apr 17 - 18 (Wed - Thur)	Lime Rock Park, Lakeville CT (NNJR)
Apr 27 - 28 (Sat - Sun)	NJMP Lightning, Millville NJ (NNJR)
May 17 - 19 (Fri - Sun)	Mid-Ohio, Lexington OH (Club Race & Advanced DE NNJR)
May 31 - Jun 1 (Fri - Sat)	NJMP Thunderbolt, Millville NJ (NNJR)
Jul 22 - 23 (Mon - Tue)	Lime Rock Park, Lakeville CT (NCR)
Jul 26 - 28 (Fri - Sun)	Watkins Glen International, Watkins Glen NY (NNJR)
Aug 1 (Thur)	VINTAGE DE #2 – NH Motor Speedway, Loudon NH (NCR/NER)
Sep 6 – 8 (Fri – Sun)	Club Motorsports, Tamworth NH (NCR)
Sep 16 - 17 (Mon - Tue)	Watkins Glen Int'l, Watkins Glen NY (Advanced DE NNJR)
Oct 12 - 13 (Sat - Sun)	NJMP Lightning, Millville NJ (NNJR)
Oct 19 - 20 (Sat - Sun)	Club Motorsports, Tamworth NH (NCR)
Nov 1 - 3 (Fri – Sun)	Virginia Int'l Raceway, Alton VA

Check [www.nnjr-pca.com](http://www.nnjr-pca.com) or [www.ncr-pca.org](http://www.ncr-pca.org) for event details



# ADDITIONAL NER EVENTS

- Autocross
- Tours: Ramble, Dow Fall Tour
- Concours
- Cars & Coffee, Cape, SoBo
- Newcomer's Meeting
- Guest speakers
- Tech sessions
- Summer Party & Annual Gala

# See You At The Track!

