



2021

Driver's Education

Ground School

Northeast Region PCA

April 24, 2021

Agenda

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

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/sponsor of NER DE Ground School

Thank You!

NER Track Committee

Adam Schwartz
Dave Berman,
Charlie Kenney &
Tom Buckingham

Kristin Larson
Erik Hjortshoj
Ed Mansing
Stan Corbett
Paul Skinner
Aaron Murphy
Justin Becker
Buzz & Sally Bean
Pam Mascetta &
Judi Mansing

Track Chair
Chief Instructors

Instructor Development
Driver Development
Novice Development
DE Co-Registrar & Safety Chair
DE Co-Registrar
Track Tech Lead
Chief Scrutineer
Control Chief & Track Operations
DE Socials Committee

For contact info – see www.porschenet.com

NCR Track Committee

Dennis Mascetta &
Robert Jauch

Dave Zrimsek

Robert Jauch

Elizabeth Jolly

John Lussier

Ed & Judi Mansing

Mark Nadler &

Edgar Broadhead

Gary Gammons

Pam Mascetta

Margaret Zrimsek

Dick Demaine

Track Co-Chairs

Chief Instructors

Instructor Development

Green Zone

DE Registrar

On-site Registration

Safety

Tech Chief

Track Operations

DE Socials Committee

Paddock Reporter

For contact info – see 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; average cost \$275/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
 - 4-Point harnesses specific to your car
 - Head & neck restraints mandatory with multipoint harnesses (PCA National requirement as of 2019)
- Roll bar / cage
- Fire extinguisher & bracket

HANS & Harnesses

- 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
 - NNJR event info - www.nnjr-pca.com
 - NCR event info - www.ncr-pca.org
- Helmet required (Snell 2015 or 2020 approved)
 - Snell 2010 can be used for 2021 at PCA DE events
- 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 waivers, 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 & www.ncr-pca.org
 - 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

2021 NER/NCR Driver Ed Events

May 3 - 4 (Mon - Tue)	Lime Rock Park, Lakeville CT (NCR)
May 28 - 30 (Fri - Sun)	Thompson Speedway Motorsports Park, Thompson CT
Jun 11 - 13 (Fri - Sun)	Palmer Motorsports Park, Palmer MA ; includes Novice Day activities
Jul 16 - 18 (Fri - Sun)	Club Motorsports, Tamworth NH (NCR)
Aug 13 - 15 (Fri - Sun)	Watkins Glen International, Watkins Glen NY
Sep 10 - 12 (Fri - Sun)	Club Motorsports, Tamworth NH (NCR)
Sep 24 - 26 (Fri - Sun)	Palmer Motorsports Park, Palmer MA
Oct 30 - 31 (Sat - Sun)	NH Motor Speedway, Loudon NH (NCR)

Check www.porschenet.com or www.ncr-pca.org for event details

ADDITIONAL NER EVENTS

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