High Performance Drivers Education 101

Porsche Club of America

HPDE 101 Outline

- *High Performance Drivers Education Event Overview*
- *Typical Novice Day at an Event*
- *Frequently Asked Questions*
- *What to Bring*
- *Panel Discussion*

PCA HPDE Overview Video

High Performance Drivers Event Overview

- *A HPDE is a driving event held on dedicated race tracks designed to teach drivers proper high speed driving techniques*
- *HPDE is an opportunity to enjoy your car in the safe, controlled environment of a race track. Everyone is driving in the same direction*
- *Participants include both students and instructors. Drivers are grouped according to their ability, experience, and speed potential of their cars. Novices will typically be grouped together.*
- *HPDEs encourage participants to drive within their ability and improve their car-control skills. Instructors teach students proper high speed driving techniques and make recommendations on how the student can advance their driving skills*
- *The emphasis of a HPDE is safety. There are corner workers and control workers that control the track and maintain a safe environment for everyone.*

High Performance Drivers Event Overview

- *A HPDE is not a race! It's a controlled learning event*
- *Cars on-track operate under strict "rules of engagement" which minimize the likelihood of dangerous encounters with other cars*
- *Passing is allowed but under strict control within defined "passing zones". The car in front always controls the pass and you can only pass if given a clear hand signal from the car in front and (for novices) with instructor confirmation.*

High Performance Drivers Event Overview

What Will You Learn? – A Lot!

- *Track Safety*
- *HPDE Terminology*
- *Proper Seat and Hand Position*
- *Looking ahead*
- *Smooth Steering, Braking, and Throttle*
- *Fastest Way to Get Around a Corner*
  - *Brake point*
  - *Turn in point*
  - *Apex*
  - *Track out point*
- *How Much Throttle to Apply and When*
- *How to Really Have Fun in a Porsche*

Typical Novice Day at a HPDE

- *Show up early to register*
- *Take everything out of your car!*
- *8:00 AM Drivers Meeting to go over then rules of the event and meet your instructor*
- *Ground school to learn how to drive on the track*
- *Top Tech to ensure everything is out of the car*
- *First (of typically 4) run session of day. Instructor initially drives your car around track to show you the "line" before switching*
- *Additional Ground school Sessions after each run session.*
- *Lunch*
- *Afternoon sessions*
- *"Beer 30" at the conclusion of the day's event to celebrate a fantastic day!*

Typical Questions

- *How do I register for an event?*
- *What do I need to get started? Helmets? – where to purchase?*
- *Numbers?*
- *How do I know my car is safe to drive on a track?*
- *Insurance?*
- *What can remain in car?*
- *Where do I put my stuff while on the track?*
- *Where do I get lunch?*
- *How fast will I be going?*
- *Will I Hurt My Car?*

Speed and Turns

"Straightaways are for fast cars. Turns are for fast drivers" – Chris Lennon Former Chief Instructor AMRPCA and Pikes Peak Hill Climber

- *How fast can you enter the turn?*
- *How do you negotiate the turn?*

Resources:

- *AMR Ground School & Instructors*
- *Track Videos*
- *Ultimate Speed Secrets – Ross Bentley*
- *Take notes, develop a track plan*

AMR's First HPDE of the Year – PPIR 4/18/2020

Counterclockwise
Banked Roval
With Infield

~Total of Nine
Turns

What to Bring

- *Cotton pants and cotton shirt (Long sleeve recommended)*
- *Closed toe shoes*
- *Helmet (Loaners are available)*
- *Hat*
- *Sunscreen*
- *Snacks and Gatorade (Water Provided by AMR)*
- *Tire Pressure Gauge*
- *Air Compressor*
- *Painters Tape*
- *An open mind and a willingness to learn*

It’s about as fast as you can go without having to eat airline food

Porsche