

## PDE (Performance Driver Education)

Learn the art of driving fast in a safe and controlled environment with Pitt Race's seasoned pros, and then put it to the test. Train with Pitt Race's instructors on our natural terrain road course. The goal is for you to develop your skills behind the wheel as you experience a broad range of your car's performance.

If you want to be a better driver with driving techniques based on racing, Pitt Race PDE is your source.

### **Call for Costs**

Participants are divided into the following Groups:

- **Group 1 (Novice):** Drivers wanting to get their first experience on our track. If you ever wanted to learn about high performance driving, but lack the track experience, this group is for you. Drivers spend their sessions with our driving instructors and learn the basic skills of high performance driving. This group is meant to provide a supportive and instructional, low pressure situation for any driver to learn the fundamentals of performance driving in the safest way possible.
- **Group 2 (Intermediate):** If you have some track experience, have been signed off from our Group 1 or our chief instructor approved your credentials, you fit this group. Group 2 provides experienced drivers a chance to continue their performance driving learning with instructors. The goal for this group is to learn advanced and higher-speed maneuvers while maintaining control and safety on track.
- **Group 2 Solo (Intermediate):** Group 2 Solo is for drivers who have demonstrated an understanding of high-performance rules, safety, etiquette, and track regulations. Drivers in this group have been signed off as a safe solo driver by two Pitt Race Instructors. Group 2 Solo drivers are also eligible for Pitt Race Test and Tune events.
- **Group 3 (Advanced):** Pitt Race PDE drivers who are signed off by our chief driving instructor and/or are accredited race organization or school (SCCA, NASA, NARRA, etc.) have the opportunity for solo runs and to utilize our Test & Tune sessions.

### **Driver Eligibility**

- Drivers must have a state-issued driver's license.
- Drivers must bring Student Log Book to every PDE. (Driver must turn in a copy of Log book once signed off as Group 2 Solo or Group 3 for track records.)

**Days are divided into morning (8 a.m. - 12:30 p.m.) and afternoon (1 p.m. - 5:30 p.m.) sessions.**

- **Groups 1 & 2 half-day driver's education will include three 25-minute sessions on track with our instructor, plus two sessions in a classroom.**
- **Group 2 Solo & Group 3's half day will consist of several run groups splitting up the different classes of cars from street tuner cars, race prepared (closed wheel) & race prepared (open wheel). There will be 25 minute sessions, back to back, until 5:30 pm**

## **PDE Group 1 and Group 2 Daily Protocol:**

- Registration begins at 7:30 a.m., followed by a mandatory driver's meeting. Classroom sessions are at 8:00 a.m. and first track session within an hour and a half of driver's meeting.
- Participants may enter the property 6:00 a.m.
- No race engines may be started or "revved" before 8:00 a.m. or after 6:00 p.m.
- PDE sessions generally begin at 9:00 a.m. and run until 12:30 p.m., but any given PDE day is subject to adjustments and modifications
- Pitt Race determines the schedule based on enrollment. Pitt Race reserves the right to limit the number of participants on the track.
- **Mandatory driver's meetings between 7:30 and 8:00 a.m. Drivers will not be able to participate if they miss the driver's meeting or classroom sessions**

## **PDE Group 2 Solo and Group 3 Daily Protocol:**

- Registration begins at noon, followed by a mandatory driver's meeting at 1 p.m. First track session within half hour of driver's meeting.
- Participants may enter the property 6:00 a.m. but will not be permitted on track until driver's meeting has concluded for Group 2 Solo and Group 3.
- No race engines may be started or "revved" before 8:00 a.m. or after 6:00 p.m.
- PDE sessions generally begin with a drivers meeting at 1 p.m. and run until 5:30 p.m., but any given PDE day is subject to adjustments and modifications
- Cars are divided into three categories at Pitt Race Officials discretion.

## Flags, Hand Signals and On-Track Demeanor

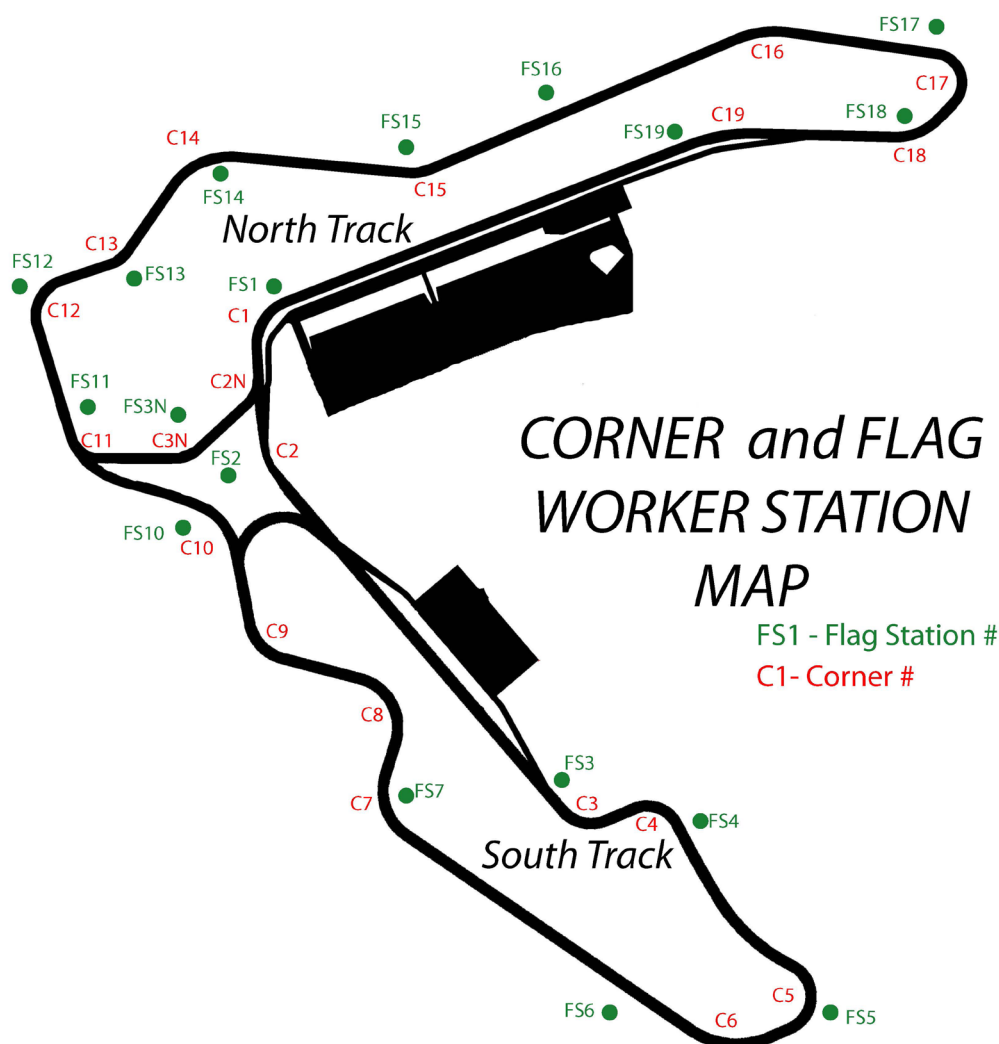
It is expected that all PDE drivers understand all flags and hand signals. If it is your first track experience, you will learn flags and track etiquette in the classroom sessions. Absolute compliance with any flag displayed at any corner is required. Drivers who fail to observe flag signals will be expelled from the event with no refunds. Please consult Pitt Race staff regarding any safety communication or procedure.

Drivers who experience off-course excursions are required to hand-signal the closest corner worker indicating there are no apparent injuries. Any driver engaging in unsportsman-like behavior will be expelled with no refunds.

**IMPORTANT: PITT RACE RESERVES THE RIGHT TO REMOVE ANY DRIVER DEEMED DANGEROUS TO EITHER THEMSELVES OR OTHERS.**

### Flag Stations

Pitt Race provides ALS and corner workers. Please attempt to get disabled cars to a designated safe zone and remain in car while waiting for assistance from the flag worker or Fire/Rescue.



## Flags

**CHECKERED FLAG:** Black and white checkered. Waved as first car crosses finish line at the end of the final lap signifying the end of the session. NO PASSING is allowed after receiving the checkered flag.

**GREEN FLAG:** Solid green. Waved at the start of a Run Group Session or after the first lap under Yellow Flag conditions has been completed. Once the Green flag is shown, drivers can continue on track at speed according to the passing rules for their respective run group.

**YELLOW FLAG:** Solid yellow. Adverse conditions exist ahead and therefore drivers should reduce speeds, fall in line, and not pass other cars on track until after they are past the issue that caused the Yellow condition, or until corner workers are no longer showing the Yellow flag. A Waiving Yellow Flag means that you are rapidly approaching an issue that has just occurred on track.

**WHITE FLAG:** Solid white. 1 lap remaining before Checkered.

**RED FLAG:** Solid red. Indicates that an emergency situation has occurred and all vehicles must come to a safe but quick stop on track. Pull off to one side of the track or the other and within view of a corner worker. Leave room on the track for Safety Vehicles to pass, do not unbuckle your belts or helmet, and stay in your car unless it's on fire..

**BLACK FLAG:** Solid black. An individual driver Black Flag means that a driver has violated the rules during his/her session. However, this flag can also indicate that there is a mechanical issue with a vehicle on course that needs to be addressed for the safety of other drivers. During a full course Black Flag drivers must bring their cars to the hotpits or paddock on the next lap so the event staff can deal with the situation on track.. NO PASSING is allowed during a full course Black Flag status.

**BLUE WITH YELLOW STRIPE:** Pass/Check your mirrors. Indicates to a driver that there is a faster car following closely behind, but not yet close enough for a pass. Drivers receiving this flag should immediately check their mirrors and issue a 'point by' hand signal to the approaching driver and leave adequate space on track for a safe pass. This is considered a courtesy to faster drivers.

**YELLOW WITH RED STRIPES:** Surface Conditions. Indicates there is debris or a change in the surface conditions. Proceed with caution.

# MORE INFO...

## **Clothing Requirements:**

Participants must wear long pants and closed-toe shoes (no sandals or flip flops), in addition to a helmet rated Snell M or SA 2005. Caged cars must have full racing gear. Driving suits are recommended. All drivers should dress for the weather. Long pants and long sleeves are required. Pitt Stop Pro Shop has a limited supply of helmets that can be used for a \$10 charge.

## **Support Crew**

Support crews are responsible for their own safety during PDE Days. The paddock speed limit is 10 miles per hour for all vehicles. All pit traffic is ONE-WAY; violators will be noted. Please pay attention to traffic in the paddocks and pits at all times. No person under 16 years of age is permitted in the pits at any time. No alcoholic beverages are allowed in the pits or paddocks.

## **Recycling/Waste Fluid**

Trash receptacles and liquid recycling stations are located on the Pitt Race grounds

**IMPORTANT: DO NOT DUMP OIL, GASOLINE, ANTIFREEZE OR OTHER FLUIDS ON THE GROUND**

Please contact Pitt Race personnel if you have any questions about the containment of waste fluids

## **Vehicle Parts**

All tires, broken fiberglass, scrap metal, batteries, brake pads and rotors, along with any other parts that may have broken or fallen off of cars must be removed from Pitt Race.

## **Car Eligibility**

To ensure your safety and others participating, all cars must complete the Self Tech Form before driving on track. Convertibles equipped with proper roll cage or a properly installed hardtop are permitted in our PDE. No SUV's, vans or trucks permitted. No passengers in any cars at any time, excluding approved instructors riding with a student. This program requires all drivers to use their own qualified vehicle.

## **Garages**

Garages are available for rent on a first come first serve basis. Please contact Pitt Race to schedule a rental.

## **FUEL**

Pitt Race has the following Sunoco Fuels:

- Cam2 (Purple) Leaded 110 Octane
- Cam2 (Clear) Unleaded 100 Octane
- 260GTX Unleaded Non-Oxygenated 98 Octane No Ethanol
- Premium Unleaded 93 Octane

# SELF-TECH FORM

Driver & Co-Driver's Name \_\_\_\_\_

Phone \_\_\_\_\_

Car Make: \_\_\_\_\_ Car Model: \_\_\_\_\_ Year: \_\_\_\_\_ Color: \_\_\_\_\_

The track worthiness of your car is your responsibility. Please inspect, or have inspected these important aspects of your car. Print and complete the form, and don't forget to bring it with you to the track. Cars without form or with an incomplete form will not be allowed to participate.

## Braking, Suspension & Steering systems:

- ☐ Ball joints/swivel point: within wear limits, grease seals intact, attachments secure
- ☐ Idler arm, pitman arm, links & ties rod/link end: within wear limits, secure attachments seals intact
- ☐ Bearings: hubs properly adjusted within manufacturer's specs, cotter pins or locking devices secure
- ☐ General condition of system: springs, shocks, bushings, frame attachments, anti-sway mountings all GOOD
- ☐ Brake friction materials: pads or shoes greater than 50% of manufacturer's thickness specs
- ☐ Calipers, brake cylinders and rotors: no leaks operates freely, attachment hardware secure, functioning properly
- ☐ Steel and flexible brake lines: fittings, attachments, mounting and integrity all GOOD
- ☐ Brake lights: functional

## Battery, Hoses, Fluids, Fuel System to Engine:

- ☐ Brake fluid levels: GOOD (changed in accordance with manufacturer's specs) recommended High-temp brake fluid
- ☐ No fluid leaks: any lines, oil, engine coolant intercoolers
- ☐ Fuel Lines: GOOD condition, no leaks or corrosion, fuel filter(s) clamps on flax hose, no cracks/leaks
- ☐ Battery: firmly tied down, battery box used for remote battery. Positive terminal covered
- ☐ Carburetor, fuel injection systems, injectors: no leaks, corrosion, damage
- ☐ All Belts: GOOD Condition, snug, no cracks or fraying

## Body, Exhaust & Fuel System:

- ☐ Body & Chassis: secure with little to no rust perforations
- ☐ Exhaust system: no leaks at pope flanges, joints, flanges, hanger and brackets securely mounted
- ☐ Gas tank/Fuel cell: no leaks, attachment secure, filter cap and vent cap present, Gas cap closes properly
- ☐ Fuel lines: no leaks, secure routing

## Driver safety:

- ☐ Seats: securely mounted and in good condition
- ☐ Seat belts: functional and in good condition, (Safety harness is FIA or SFI certified)
- ☐ Vehicle glass & mirrors: GOOD condition, no damage or cracks
- ☐ Roll bar/cage/Hardtop/hoops: properly installed, meets vehicle type/manufacturer requirements
- ☐ Helmet & Attire: Helmet is Snell certified 2005 or newer (fireproof), long pants, long sleeves, closed-toe shoes
- ☐ Tires: no cords showing, not cuts, no interference with body throughout range of motion, properly seated on wheels
- ☐ Wheels & Tire valves: in good visual condition with no cracks/leaks, all lug nuts/studs are present & fully threaded

Is this vehicle a convertible? [ ] YES [ ] NO

If yes, does it have a roll bar/cage that is at least 2" above drivers head? [ ] YES [ ] NO

Track Damage Information: Entrants assume all risk of damage or injury to persons and property during the course of the event. Should any damage to track facilities occur as a result of any action of yours, you are responsible for any related expense.

By signing this form I certify that I or a qualified mechanic has performed the above inspections and any deficiencies have been corrected. I acknowledge that I am solely responsible for the condition and suitability of this vehicle and helmet for use in this event. I release Pittsburgh International Race Complex, and any Person involved with this event from any liability arising from a failure of this vehicle or helmet for any reason, including the failure of the items listed on this form.

Driver \_\_\_\_\_

Co-Driver \_\_\_\_\_

Date \_\_\_\_\_



# BEFORE YOU ARRIVE...

## What To Pack

- |  |  |
|--|--|
| <input type="checkbox"/> Tools & Equipment                       | <input type="checkbox"/> Paper Towels        |
| <input type="checkbox"/> Socket Set                              | <input type="checkbox"/> Gasket maker        |
| <input type="checkbox"/> Car's Service Manual                    | <input type="checkbox"/> Brake Parts Cleaner |
| <input type="checkbox"/> Wrenches                                | <input type="checkbox"/> Brake Fluid         |
| <input type="checkbox"/> Torque Wrench (Preferably Digital)      | <input type="checkbox"/> Engine Oil          |
| <input type="checkbox"/> Portable, Hydraulic Jack                | <input type="checkbox"/> Mechanical Gloves   |
| <input type="checkbox"/> Flat Head and Philips Head Screwdrivers | <input type="checkbox"/> Scrubs-in-a-bucket  |
| <input type="checkbox"/> Quality Tire pressure gauge             | <input type="checkbox"/> Extra Brake Pads    |
| <input type="checkbox"/> Wire Cutters/Strippers/Pliers           | <input type="checkbox"/> Cleaning Cloths     |
| <input type="checkbox"/> Race Tape                               | <input type="checkbox"/> Glass Cleaner       |
| <input type="checkbox"/> LED flashlight                          | <input type="checkbox"/> Sunblock            |
| <input type="checkbox"/> Box Cutter                              | <input type="checkbox"/> Bottled water       |
| <input type="checkbox"/> Duct Tape                               | <input type="checkbox"/> Energy Bar          |
| <input type="checkbox"/> Zip ties                                | <input type="checkbox"/> Storage Container   |
|  | <input type="checkbox"/> Outdoor chair       |

## Suggested maintenance to perform prior to arrival

- Torque wheels to recommended specs
- Check/adjust tire pressure
- Flush brake fluid system- High temp fluid recommended
- Bring extra brake fluid and motor oil
- Bring a tire gauge; air is available at track
- Vehicles should have, at a minimum, working factory installed restraint systems (working seat belts) or the equivalent.
- Tires should have at least 3/32 tread or be DOT approved race tires.
- Brake pads should be less than ¼ used, performance brake pads recommended.
- No visible fluid leaks.
- Rental helmets are available at the track in the Pitt Stop Pro Shop

## Upon arrival

- Remove all loose items from vehicle including floor mats, tools, and etc.
- Check tire pressure often during the day
- Re-torque wheels after one or two track sessions

Please check our Event Calendar for a complete schedule of upcoming dates and times.

\*\* Dates are subject to change; please check our website schedule for more information.