

CENTRAL CAROLINAS REGION SCCA AND SOUTH CAROLINA REGION SCCA PRESENT

SUBARU SHOWDOWN

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PDX - CLUB TRIAL

JULY 16-17, 2011

CAROLINA MOTORSPORTS PARK
EAST COURSE/FULL COURSE

HELD UNDER THE SCCA TIME TRIALS RULES



PDX Driver's Packet

Welcome to South Carolina Region SCCA's Performance Driving Experience (PDX). Thank you for participating in this school – we hope that this will lead to many others! With your help this will be an educational, exciting, enjoyable and most of all, safe event.

Please read these instructions carefully! We don't want to see anyone lose their run time or miss the event entirely because they did not bring the required equipment. As this is an educational event, not a race, overly aggressive or reckless driving will result in expulsion without refund from the event.

Drivers are financially responsible for all damages they make to the track facilities and to their own vehicles. Please check your insurance policy; coverage may be excluded for this type of event.

Important Reminders

- Bring this packet with you to on-site Registration.
- All PDX participants (except for Instructors) must complete the Pre-Event Safety Inspection Checklist (Page 2) no more than 30 days prior to the event.
- All PDX participants (except for Instructors) must bring the completed Pre-Event Safety Inspection Checklist (Page 2) to Tech Inspection. All participants (including Instructors) must have their car inspected prior to being allowed on the track.
- Helmets with a minimum Snell M or SA 2000 rating are required. Helmets with only a DOT rating are not permitted.
- Restraints must be the same for driver and passenger. The stock 3-point seatbelt is acceptable. If a person chooses to put in a race harness they must do so for both seats. Drivers cannot use a harness unless there is an equal one for the passenger.
- Closed toe shoes, long sleeve cotton shirt and long cotton pants are required.
- Open cars must have an SCCA Time Trials legal bar or non-mechanical factory rollover protection (bring factory documentation). The top of the roll bar must be above the top of the helmet of both driver and instructor.
- All participants must take part in Drivers' Meetings. Please make note of the schedule and arrive on time for all meetings and sessions.
- Classroom sessions are mandatory for Novice and Intermediate participants.
- Please feel free to contact the Chief Driver Instructor, Jon Krolewicz (jonk@scsportsocar.com) if you have any questions.

South Carolina Region SCCA PDX

Pre-Event Safety Inspection Checklist

You must inspect, or have a mechanic inspect, your vehicle within 30 days prior to the event. Present this completed sheet to the Tech Inspectors at on-site inspection.

First Name _____ Last Name _____ Car # _____

Year _____ Make _____ Model _____ Color _____

- BATTERY: securely mounted, positive terminal cover
- ENGINE BELTS: no cracks, tight
- FUEL LINES: no leaks, no pinching
- THROTTLE LINKAGE: not sticking, free travel, and good return spring
- COOLING SYSTEM: clean antifreeze, no leaks
- BRAKE FLUID: clean, full (flush within 30 days prior to event recommended)
- BRAKE PEDAL: firm
- BRAKE LIGHTS: working
- BRAKE PADS: at least 1/2 of full thickness; new preferable.
- BRAKE CALIPERS: clean and dry
- BRAKE LINES: in good condition
- WHEEL BEARINGS: little or no play
- WHEELS: no cracks, torqued to manufacturer specs
- WHEELS: all lug nuts/bolts present, no locking nuts or trim caps
- TIRES: 3/32" minimum tread, DOT approved; R-compounds STRONGLY discouraged for Novice PDX
- TIE RODS: no play
- SUSPENSION: no rust at stress points, no excess play
- SHOCKS: no leaks, firm
- EXHAUST: muffler required
- ENGINE/TRANSMISSION: no leaks
- STEERING: no excessive play
- GLASS: no cracks
- MIRRORS: inside and outside
- WIPERS: working, with efficient blades
- SEAT BELTS: three-point required. Passenger seat must have equivalent belt/harness as the driver seat
- ROLL BAR: SCCA Time Trials legal roll bar or factory documented rollover protection required for open cars
- FIRE EXTINGUISHER: optional, must be mounted metal to metal if present, in car or trunk

Inspected by (print name) _____ Date _____

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Travel Checklist – Required and Suggested Items

Items to Bring

- Pre-Event Safety Inspection Checklist Required
- Driver's License Required
- SCCA Member Card (if applicable) Required
- Helmet (Snell M or SA 2000 or newer) Required
- Long cotton pants, long sleeve cotton shirt, closed toe shoes Required
- Medications (physician prescribed)..... Required
- Glasses/contacts (if required by drivers' license) Required
- Sunglasses, sunscreen, hat Suggested
- Rain gear Suggested
- Tarp Suggested
- Towels Suggested
- Folding chairs..... Suggested
- Lunch, snacks Suggested
- Water, drinks Suggested
- Tools Suggested
- Extra oil, coolant, brake fluid, brake pads Suggested
- Glass cleaner Suggested
- Spare keys Suggested

Vehicle Items – Event-Day Checklist

- Fuel – full tank (will be a long weekend with few opportunities to leave and refuel)..... Required
- Check fluid levels – oil, transmission, brake, coolant, power steering Required
- Torque lug nuts to manufacturer specs..... Required
- Clean out inside, trunk of car (may be done at the track) Required

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Driving Rules

Please read these rules carefully. Safety is the MOST important aspect of this event. Our #1 goal is to send you home with your car intact.

General Rules

- **Announcements**

Please listen for group announcements and any changes to the schedule. Please be ready to go when your group is called to the grid. Instructors should meet their students and complete all preparations in the grassy paddock area before entering the grid. Have your helmet, belts, seat and mirrors ready to go before entering the grid.

- **Grid**

All participants will stage for each session in the false grid. Instructors should meet their students and complete all preparations in the paddock before entering the grid. When the track opens for your session, go out single file upon the grid worker's signal.

- **Instructors**

Please listen to your instructor! They are here to help you. Novice participants should consult the Chief Instructor if you have an issue with your instructor. Instructors should do the same for any student issues.

- **Modifications**

Please be sure to notify the Tech Inspector and your instructor of modifications to your car. Increased power and speed means you will need to adjust your braking distances accordingly. While most street-legal modifications are fine for PDX, R-compound tires are STRONGLY discouraged for Novice PDX participants.

- **Pit In**

Give the pit-in signal (raised hand out the window) and gradually slow down as you exit onto the pit lane. Once you are on pit road the speed limit is 25 mph. Exit into the paddock area and be alert for cars pulling into grid as you are returning to the paddock.

Do not pass on pit road unless instructed to do so by a worker.

- **Pit Out**

Wait for a signal from the pit-out worker before entering the track.

DON'T VIOLATE THE BLEND LINE! This is one of our most important rules. As you pull onto the track there is a solid white line that extends beyond the pit wall. You must not cross this line or you will be black flagged.

- **Spins**

Any driver who spins or leaves the track surface with all four wheels must immediately pit and speak to the Chief Steward. Failure to pit will result in a black flag. The Chief Steward reserves the right to black flag and speak with a driver for any other on-track issues (i.e. repeated instances of putting two wheels off the track surface, improper passing, blend line violations). In the case of severe or repeated incidents, the Chief Steward may, at his discretion, require you to park your car for the day.

- **Vehicle Preparation**

Before you enter the grid each day, clear your car of any loose items. Make sure you remove loose items from the door pockets, behind the seats, the glove box, the ashtray, the armrest, the trunk, and items behind the sun visor. Remove hubcaps, lug nut covers, and floor mats. Make sure that the numbers on your car are securely attached and visible.

- **Watch your mirrors!**

Please be aware of other cars on the track, especially when passing or being passed.

Passing Procedures

- **Getting Passed**

When it becomes apparent someone wants to pass you, stay on line, and point out the driver's window to the side you wish the car to pass. Point straight out the window for a left side pass, and over the roof for a right side pass.

Lift slightly off the throttle as the car is passing you! Do not resume full acceleration until the car has passed. *The driver being overtaken must give a clear hand signal for each and every passing car.* The overtaking car will always pass off-line.

Instructors, please ensure your Novice students allow faster cars to pass even if it means you bring your student into the hot pits to let a train pass.

- **Making a Pass**

After receiving the appropriate signal, check your mirrors, pull off-line and accelerate past the car you are overtaking. Be sure to make a clean, complete pass and do not come back on-line until the lane is clear. If someone wants to pass you, stay on-line and give the appropriate hand signal.

Do not pass without a clear signal. *The driver being overtaken must give a clear hand signal for each and every passing car.* Even if the car in front of you receives a passing signal, you must wait until a separate signal is given for you. *If in doubt, don't pass.*

If a slower car is not giving you a passing signal, do not get frustrated and do not tailgate. Pull into the pits, drive through slowly and wait at pit out for signal from the pit worker to re-enter the track.

- **Passing Zones – PDX Novice**

Passing rules will be established before the beginning of each session. For some or all of the first session of the day, we will typically not allow passing, so you can get familiar with the track and your car before attempting to negotiate the course in traffic.

When passing is permitted, it will follow the same rules as PDX Intermediate, as shown below.

- **Passing Zones – PDX Intermediate**

Passing is restricted to designated areas as marked in yellow in the map shown at right. *Passing in any other area is not allowed unless the overtaken vehicle is disabled, stopped, or has left the track surface and cannot continue. Overtake a vehicle in these situations with extreme caution.*

Passing zones are clearly marked with three green cones on each side of the track designating the beginning of the passing zone and three orange cones marking the end of the passing zone. All passing must be initiated after the green cones and be *completed* before the orange cones. Drivers that receive a blue/yellow flag and do not allow the overtaking driver to pass within one lap will be black flagged.

- **Passing Zones – PDX Advanced**

Passing is the same as PDX Intermediate, but with one additional passing zone, marked in green on the map at right.



Flags

During your first session of each day, please make note of the location of each flagging station around the track. The corner workers will show a white flag for the first lap of your first session to help you identify them. ***Pay strict attention to the corner stations and be sure to obey all flags.***

- **Yellow**

Standing – Take care, danger, slow down. NO PASSING from the flag until past the emergency area.

Waving – GREAT danger, slow down, be prepared to stop. NO PASSING from the flag until past the emergency area.

Double Yellow (displayed at all stations) – The entire course is under yellow. Slow down, NO PASSING.

- **Blue with Diagonal Yellow Stripe**

There is a car trying to overtake you – give a passing signal and allow the car to pass. Drivers who ignore multiple blue flags will be black flagged.

- **Yellow with Red Stripes**

Surface condition flag – take care. A slippery condition exists or debris is present on the track surface.

- **White**

Caution and take care for a slow moving car, ambulance or other emergency vehicle (wrecker) on the track surface.

- **Black**

Closed/Furled, with number board – pointed or shaken as a warning for driving in an unsafe or improper manner. Continued behavior will result in an OPEN black flag.

Open, with number board – proceed directly to the pits, do not take another lap. The Chief Steward will meet your car to discuss the violation.

Open (displayed at all stations) – The session has been stopped. Slow down, exercise extreme caution, and proceed directly to the pits.

Black flags will be displayed at Start and Turn 9.

- **Black with Orange Ball (Meatball)**

Displayed at Start and Turn 9, with number board. There is a mechanical problem with your car, proceed directly to the pits, do not take another lap.

- **Checkered**

Displayed at Start and Turn 9 to indicate the session is over. Continue cautiously to the pits. Be sure to give the pit-in signal (raised hand) as you enter the pit lane.

- **Red**

EXTREME DANGER – the session has been stopped. Check your mirrors, then come to an immediate, controlled stop at the side of the track (stay on the track surface). When released by an official, proceed cautiously to the pits.

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When You Get to the Track

If you've never been to a PDX before, or if you've never been to CMP before, here's a quick rundown of where you should go and what you should do upon arrival:



1. Registration

When you enter the track, stop here first. Have your driver's license, SCCA membership card (if applicable) and this packet when you come to the registration window. You will sign the SCCA waiver and receive a tech card and wristband, which must be worn on your wrist for the entire weekend and displayed whenever you enter the main gate of the track or the grid. Be sure to bring any crew or guests to the window with you so they also can sign the waiver and receive a wristband.

2. Paddock

Once you enter the main gate, find your paddock spot for the weekend. You may park anywhere but please leave plenty of space around the entrants with large trailers and tow vehicles. The areas marked in red on the map are reserved for entrants who have rented garage space. Take everything out of your car – all loose items in the passenger area and trunk, including floor mats – and bring your car to Tech.

3. Tech Inspection

Tech Inspection is at the Tech Shed. Take your car, your helmet, the tech card you received at registration, and your pre-event tech sheet with you. The tech inspector will put an inspection sticker on your windshield and have you put your car number on both sides of the car. Magnetics are not recommended (they tend to blow off at speed), but if you don't have numbers of your own, we have automotive-grade painter's tape available that you can use to make numbers.

4. Driver's Meeting, Classroom Sessions

Driver's meeting on both days will be located at the Tech Shed; PDX Novice and Intermediate classroom sessions will be located inside the Timing Tower. These meetings are *mandatory*; please arrive *early* for all scheduled meetings and classroom sessions, so we can keep the event running smoothly!

Finally... be sure to have fun! Please contact us if you have any questions (803-386-7727). We want this to be a safe and enjoyable weekend for everyone!