2013-14 Carolina PCA Event Rules, Registration, PCA Car Classes, and Class rules.

REGISTRATION:

For 2013-14 drivers will register in the car class they choose. It is up to the driver to make sure they are registering in the correct car class, according to the rules/classes provided. Any Questions, Help and guidance from the Autocross committee prior to your registration is encouraged. If you are not sure, please feel free to ask. We are here to help. Registration can be done at www.clubregistration.net Just search Carolina PCA events

Day of Event :

Please see EXACT SCHEDULE for each event on www.clubregistration.net , as they do very between locations.
We generally setup the Course by 7:30
8:00 AM - 8:30 AM REGISTRATION AND QUICK INSPECTION of each Car.
8:30 AM - MANDATORY DRIVERS MEETING & Course Walk Through (If you miss the Drivers meeting OR Course Walk through you will NOT be allowed to participate. This is for Safety & PCA Insurance Reasons. No Exceptions.) 9:00 AM - FIRST CAR OFF
11:30 PM - 12:00 PM - LUNCH BREAK
2:00-2:30PM - AWARDS
The Drivers are split into 2 Run groups. (Green and Blue) 1st Session Green Drives the Course, and Blue Drivers Work the Corner Stations. Then we switch, for the 2nd Session Blue Group Drives the Course, and Green Group Drivers work the Stations. Then we break for lunch. Then we do it all over again. Normally Drivers get at least 6 runs, sometimes, if it's running smooth we get 8 runs each.

Autocross Event Rules:

We cannot run the event without the Participants help as volunteers.
So, All Drivers are required to volunteer between their run group Sessions. If drivers do not volunteer their help in between runs, **OR** leave early **Before** the event is over and the course breakdown is completed, then they will not get credit, or points or awards for their runs. The exception is if the Driver has equal times volunteering with equal Run sessions. Example (You ran 1 session, and then volunteered 1 Session, and then you had to leave). In this case you would get Credit for your 1st runs.
Drivers are expected to be honest and truthful with their class registration to the best of their ability. You are expected to read over the Class Rules, and familiarize yourself with them. Please ask anyone on the Autocross committee for further explanation if you are not sure on any of the classification rules.

PROTEST:

If any driver feels someone in their class should not be in there, or has modifications that would Disqualify them, that driver is allowed to make a formal protest. The Autocross committee will then review/ investigate the protest, thoroughly look over the car and compare the information with the PCA Rules set forth. If it's deemed the car was not classified correctly, or had illegal modifications, the driver will be disqualified and no points awarded.

Class Points will be awarded for each Autocross event as follows:

1st Place	**6 Pts.**
2nd Place	**4 Pts.**
3rd Place	**3 Pts.**
4th Place	**2 Pt.**

Overall Points Standing will be published throughout the year in Tobacco Roads, as well as our Own Carolina PCA website **www.carolinas-pca.com.**

AWARDS:
1st place awards will be given in ALL Classes with at least 1 Car Pre-Registered for that event.
2nd place awards will be given in Classes that have at least 3 or more drivers who competed in the event.
If we happen to not have an award at the event, we will be sure to get one to you.

Annual YEAR END Class Points Championships:
Each Driver will accrue points at each event throughout the season for their respective Car Class.
Points are tallied Per Car Class. Drivers cannot share or merge points between different car classes.
Our Goal is to have 6 events. The Year End Points total will be based off your **Best 5 finishes out of 6 events**.
So don't worry if you miss 1 event, or you have a bad finish. Everyone gets one Mulligan.
Drivers, must have competed in at least 5 events and have a Min of 15 pts. for the season to win a Year End Award.

CAR CLASSES (see Car class Rules Below)

Showroom Stock "S" Class (No Modifications allowed)

S04 911 Carrera, S, C4S (993), 911 Carrera 2 / 4 (964:1990-1994), Amer. Rdstr, All; RS America

S05 911 Carrera (996:1999-2005) All; 911 Carrera (997:2005-On) All ; 911 Carrera (991: 2012)

S06 911 Turbo (1976-On) All; 996 GT2/GT3 (2002-2005); 997 GT2/GT3 (2008-On)All; Carrera GT
ALL 2013-2014 Boxster 981 models / ALL 2013-2014 Cayman 981 models
911 Carrera S (991: 2012) ; Cayman **R** ALL ; Boxster **Spyde**r All ;

S07 ALL Boxster / S 986 & 987 models , All Cayman / S 987 models

Production "P" Class Modifications

P01 356, All; 912/912E, All; 914/4, All; 924, All , Cayennes ALL , Panamera ALL

P02 924S 2.5 All; 924 Turbo (931) All; 944 All; 944S All; 944 Turbo (951) All; 944S2 All; 968 All

P03 914/6, All; 911 (1965-1969 & 1970-1977) 911SC (1978-1983) 911 Carrera 3.2 (1984-1989)
928, ALL 1989 Speedsters ALL

P05 911 ALL (993 / 996 / 997) / 911 Carrera (991: 2012-14)
911 Carrera 2 / 4 (964:1990-1994), Amer. Rdstr, All; RS America

P06 911 Turbo (1976-On) All; 996 GT2/GT3 (2002-2005); 997 GT2/GT3 (2008-On)All; Carrera GT
ALL 2013-2014 Boxster 981 models / ALL 2013-2014 Cayman 981 models
911 Carrera S (991: 2012) ; Cayman **R** ALL ; Boxster **Spyde**r All ;

P07 ALL Boxster / S 986 & 987 models , All Cayman / S 987 models

Improved "I" Class Modifications

I01: Progressed Cars (All 4 Cylinder, up to 1999cc; **Minimum Weight 1800 pounds**

I02: Progressed Cars (All 4 Cylinder, 2000cc up to 2699cc; **Minimum Weight 2500 pounds**)

I03: Progressed Cars (All 4 Cylinder, 2700cc and above; All 6 Cylinder, up to 2399cc; **Minimum Weight 2200 pounds**)

I04: Progressed Cars (All 6 Cylinder and above, 2400cc up to 3199cc; All Turbo/Supercharged 4 Cylinder**; Minimum Weight - 2150 pounds)**

I05: Progressed Cars (All 6 Cylinder and above, 3200cc and above; **Minimum Weight - 2700 pounds**);
(All Turbo/Supercharged)

PCA CAR CLASS RULES

A-2.5.4. Showroom Stock "S" Class

Unless otherwise specified in these rules, No alterations and No modifications are allowed to these automobiles.
Only original equipment manufacturer (OEM) wheels, as originally specified and OEM tire sizes as originally specified for each specific model year are permitted. All Showroom Stock class tires must have a tread wear rating of 140 or greater. Wear and tear items, excluding, tires, must be comparable in construction and specifications to the originally supplied factory components., Adjustments are permitted provided no modifications and/or alterations are necessary to, achieve the desired adjustment.
Car must run with their spare tire, jack, lug wrench, Tool Kit, owner's manual(s), etc.
Owner's manual(s) will be used to help verify questionable equipment options and designated wheel/tire sizes.
No aftermarket equipment is permitted in these lasses. Items included in this restriction include, but may not be limited to, aftermarket air filters, aftermarket exhaust systems, aerodynamic aids, computer chips, five/six point seatbelts, race seats, harness bars, roll bars, roll cages, etc.

A-2.5.5. Production "P" Class Modifications

A-2.5.5.1. Engine
(a) Air Cleaner: The air cleaner may be removed or replaced with another type.
(b) Modified Ignition: Any modification is permitted, provided an original type distributor is used.
(c) Modified Carburetors: Any automobile originally carbureted may have any carburetor, provided the throttle bore and venturi dimensions are not changed from original specifications. Jet sizes may be changed. 911 models with mechanical fuel injection or Solex carburetors may change to replacement carburetors that have throttle bores no larger than 40mm. 914 models may be converted to carburetors with throttle bores no larger than 40mm.
(d) Fuel Injection: No substitution of performance affecting components for mechanical fuel injection is permitted. Any DME EPROM chip may be used except for those chips programmed to alter turbo boost. No modifications to the intake manifold are allowed.
(e) Wet Sump Modifications: If an automobile has a wet sump lubrication system, the sump may be modified to ensure a constant source of engine lubrication at the oil pickup tube. If an automobile has a dry sump lubrication system, no modifications are permitted.
(f) Modified Oil Cooler/Filter: The addition of any oil cooler and/or filter is permitted.

(g) Substituted Roller Bearing Cranks: For 356-based or Carrera 4-based engines, any roller bearing crank may be used. Plain bearing cranks may be substituted for roller bearing cranks. Counterbalanced cranks are permitted.
(h) Balanced Engine: Balancing of internal engine parts is permitted.
(i) Camshafts: The stock camshaft must be used.
(j) Exhaust Modifications: Alternate exhaust systems are permitted after the head(s) for automobiles with or without catalytic converters. Headers are permitted. A muffler is required. Air pumps may be removed.
(k) Air Conditioning: Removal is permitted provided original automobile may have been delivered without it.
(l) Overbore: Overbore is allowed up to 1.2MM(0.047”).
(m) Gasoline: Any grade of automotive gasoline available to the general public through normal retail service stations is permitted.
(n) Clutch: Any model clutch is allowed. Rubber center clutch discs may be replaced with spring discs. The flywheel may be lightened.
(o) Velocity Stack: Velocity stacks may be added or modified.
(p) Compression Ratio: Engine compression ratio’s may be increased up to .5 points from U.S. production specifications.
(q) Fuel Pump: Fitting of an electric fuel pump is permitted.
(r) Chain Tensioners/Guards: Any chain tensioner or guards are permitted.
(s) Battery: Any battery may be used. Those automobiles delivered with two batteries may remove one.

A-2.5.5.2. Suspension
(a) Limited Suspension Adjustments: Any adjustment of the standard suspension components is permitted, provided no machining is required for the adjustment. Factory components must be used for mounting of struts and shock absorbers to the body.
(b) Alignment: Any adjustment may be made provided no other change is necessary to make the adjustment.
(c) Coil Springs/Torsion Bars: Any coil spring may be replaced by any other coil spring. Any torsion bar may be replaced by any other torsion bar as long as they are of the same type and mount in the same manner without modification to the chassis or suspension components.
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(d) Shocks Absorbers: Any shock absorber may be used provide it has **no more than a single adjustment**.
(e) Adjustable spring perches are allowed.
(f) Sway Bars: Any anti-sway bar may be installed. Sway bar may not be adjustable from the cockpit.
(g) **On (356 Model Only)**: Rear camber compensating device may be used.
(h) Bushings: Non-standard (non-elastic) suspension bushings may be used.
(i) Shock Tower Brace: A front and/or rear shock tower brace may be used in any automobile provided that:
(1) it can be quickly and easily removed, it must be a bolt-in component. Any number of attachment points may be used; (2) all attachment points are within three inches of a vertical plane passing through the top center of the shock absorber.
(j) Spring Plates: Adjustable spring plates are permitted on any automobile not so equipped from the factory.
(k) Tie-Rod Ends: The use of 911 Turbo tie-rod assemblies is permitted.
(l) Hydro-pneumatic Suspension: Removal of this suspension is not only allowed but is encouraged.
(m) A-arms: 924/944/968 series may use aftermarket aarms provided suspension geometry is not altered.

A-2.5.5.3. Brake/Wheel/Tire
(a) Tires**: All tires must be Department of Transportation (DOT) approved. Any DOT listed tire may be used providing they have a visible tread, have DOT wear indicators and have visible tread across the entire tread surface. These may be “R” type tires.**
Tire aspect ratio and width is free but must fit under the stock fender wells. Tires must be marketed nationally and generally available to all competitors. The cord may not be visible before, during, or after runs. Recapped tires or re-grooved tires are not allowed. Competitors are responsible for policing the "rubbing tire" rule and protests must be made before timed runs.
(b) **Track Width: Modifications to track width are permitted provided no modifications to the automobile, other than increasing the stud length, are performed. Increase may not be more than 1.0” over stock.**
Only 356 models with drum and very early disc brakes may use individual spacers for each wheel stud.
(c) Brakes: Pads, linings, and brake lines of any manufacture may be used. Any type of brake cooling may be used. Rotors may be drilled or slotted. Brake bias valve may be changed but cockpit adjustable valves are not permitted.
(d) Increased Rim Width: **Rim width may be increased up to 1.0” over the widest rim available from the factory (front and rear respectively; see Appendix V)**
(e) Wheels: All wheels must be the same diameter as available from the factory for the model range of the automobile.
(f) Spare Tire: The supplied spare tire may be removed

A-2.5.5.4.Chassis/Body/Interior
(a) Limited Fender Modifications: Fenders (including wheel openings) may be modified provided the tirewheel- spacer combination and ride-height setting used could be used without the fender modification (i.e., could be used on an unmodified automobile of the same model and year.) In the event of a protest, the entrant must be able to prove compliance with this rule.
(b) Interior Modifications: Any accessory, gauge, or indicator may be fitted if its purpose is to improve driver or passenger comfort or convenience and provided such items have no effect whatsoever on mechanical performance. Alternate seats may be used and floor mats may be removed. Any steering wheel is allowed.
(c) Roll Bars: Roll bars are permitted. **Full interior Roll Cages are <u>not</u> permitted.**
(d) Spoilers: Any rear spoiler, unless as delivered as a factory option, is permitted provided the leading edge of the spoiler is attached to the automobile, the spoiler is no wider than the stock body width and the spoiler doesn't exceed 5" in height from the leading edge.
(e) Air Dams: Any front air dam , unless as delivered as a factory option, is permitted provided it does not extend to less than 3" above the ground and not forward of the front bumper.
(f) Seam Reinforcement (914 Only): Seam reinforcement kits are permitted "free" on 9l4s, provided each reinforcement is limited to a single seam and that all reinforcements combined do not substantially increase the rigidity and stiffness of the chassis. It is recommended to 914 model owners to have the chassis inspected for rust on a periodic basis.
(g) Bumpers: Bumpers may be removed on any 356 series automobile.
(h) **Weight: Automobile must meet minimum weight. Per Porsche Specs. Ballast is not allowed.**
(i) Bolt-on windshields: Bolt-on windshields may be removed.
(j) Jack/Tools/Manuals: Removal of jack, tools and owners manual(s) is allowed.

A-2.5.5.5. Transmission
(a) Limited Slip: Only automobile models as could have been ordered from the factory with limited slip may use the same factory limited slip.
(b) Gear Shift Linkages: Gear shift linkages may be modified or exchanged. This permits the use of a short shift kit in any automobile or the use of side-shifter transmission in any 914.

A-2.5.6. Improved "I" Class Modifications

The improved category is for street vehicles with modifications beyond those allowed in the Production Category. The modifications are limited but much more liberal than those in the Showroom Stock or Production Categories. The following adjustments, alterations, or modifications are allowed in the Improved class automobiles plus what was allowed in the Showroom Stock and Production classes.

A-2.5.6.1. Engine
(a) Mufflers: Mufflers may be removed provided this is permitted by the event organizer and the local authorities/jurisdiction.
(b) Ignition: Any ignition system is allowed provided the same number of spark plugs is retained.
(c) Gasoline: Any gasoline is permitted.
(d) Engine Substitution: Any Porsche engine is permitted in any automobile.
(e) Fuel Management: Automobiles may use any fuel management/induction system including chips or other means that alter turbo boost. Turbochargers or superchargers are permitted.
(f) Compression Ratio: Engine compression ratio's may be increased up to 1.0 points.
(g) Battery Location: The battery may be located anywhere within the automobile.
(h) Intake System: Any intake system may be used.
(i) Wet/Dry Sumps: Any change or addition is permitted.

A-2.5.6.2. Suspension
(a) Shocks Absorbers: Multi-adjustable or remotely adjustable shock absorbers are permitted.
(b) Camber Plates: Camber plates are permitted. Machining of factory mounting points is permitted to allow greater suspension adjustment.
(c) Raised Spindle: Raised spindles are permitted on strut type suspensions.
(d) Suspension Mounts: Any suspension mount may be used provided the number of mounting points and mounting locations remain as factory.

(e) Suspension Arms: Any suspension arm may be used provided use requires no other automobile modifications. For example, this includes the use of any lower control arm, tie-rod assembly and/or bump steer kit.

A-2.5.6.3. Wheel/Brake/Tire

(a) Brakes: Any brake modifications are permitted. Any brake biasing valve is permitted.
(b) Tires: Any DOT tire is permitted. The cord may not be visible before, during or after official timed runs.
(c) Track Width: Modifications to track width are permitted up to 2.0” over stock. Only 356 models with drum and very early disc brakes may use individual spacers for each wheel stud.
(d) Increased Rim Width: Rim width may be increased up to 2” over widest rim available from the factory (front and rear respectively; see Appendix V) for that model range so long as the width does not extend beyond the fender.
(e) Wheels:Wheels may be any diameter.

A-2.5.6.4. Chassis/Body/Interior
(a) Roll Bars/Roll Cages: Roll bars or full interior cages are permitted.
(b) Spoilers: Any spoiler is permitted.
(c) Air Dams: Any front air dam is permitted.
(d) Interior: Automobile must have dashboard, windows (glass or plexiglass), visors (if originally equipped), headliner, and door panels. The original number of seats and passenger restraints must be present. Removal of mats and loose carpeting is allowed (i.e., what isn’t originally screwed and/or glued down). Headlights, taillights, brake lights and turn signal lights must be operational.
(e) (e) Bodywork: The use of fiberglass or other material body components is permitted for the following components: hoods (front and rear), rear deck lids, bumpers and rocker panels.
(f) Fenders: Fenders may be altered to allow fitting of alternative wheels and tires.
(g) Fuel Tanks: Fuel tanks may be changed and/or relocated.
(h) Weight: Automobiles must meet the minimum weight for its class as autocrossed, without the weight of the driver. Ballast may be added to meet the minimum weight. Ballast must be securely bolted or attached inside the vehicle. Scales will be available, if necessary.

A-2.5.6.5. Transmission
(a) Transmission: Any Porsche based transmission is permitted.
(b) Transaxle gear ratios. Any ratio set may be used outside of the specified gear set. Ring and pinion may be altered.
(c) Limited Slip: Any limited slip may be used.