

## **Alaska Region/ Porsche Club of America 2023 Autocross Rules**

The Porsche Club driving event will be an autocross. It will be all forward motion, skill driving event with a rolling start and finish. Cars will be timed while driving on a paved area. Safety will be of paramount importance in the design and conduct of the event.

### **1. GENERAL RULES**

The following rules apply to all Alaska Region Porsche Club Autocross Events:

- All participants are responsible for properly classifying their car. Mis-classified cars are subject to disqualification or reclassification.
- Positively no alcohol, drugs, etc. are allowed during any event by entrants or spectator.
- All vehicles must be in good working condition and pass a technical inspection.
- Participants must be at least 18 years of age and have a valid driver's license.
- Helmets must be Snell 2010 (M or SA) or later approved. The proper stickers must be attached to and visible on the helmet. There are no exceptions to this rule! Non-conforming helmets will be impounded until the event is over. In 2020, Snell 2005 (M or SA) will not be approved for use at any event.
- The Insurance WAIVER MUST BE SIGNED by each entrant and spectator prior to participating in any event.
- Approval by the Rules Committee is required to change a vehicle's classification.
- An entrant may drive only one vehicle at an event.
- The cost per event for members and non-members is \$50.00 (cash or check or credit card).

### **2. SPORTSMANSHIP**

This is a fun event. If at any time during the event, the Autocross Committee judges that an entrant is showing unsportsmanship like conduct or is bending or taking unfair advantage of a rule or rules, that entrant may be disqualified from the event.

### **3. SCORING**

For the purpose of accumulation of points toward the series championship, the following rules shall apply:

- Categories

Novice Challenge PAX Factor (All Cars)

Porsche Cup Challenge– Porsche models only with the PAX Factor

PCA PAX (Open) Challenge– All models with the PAX Factor

Expert, with PAX Factor

Raw time, Non Pax Factor

- Points

Points will be awarded as a percentage (carried to 3 decimal places) of the fastest PAX corrected time. For example, the entrant with the fastest time will receive 100 points, the second fastest time will receive points equal to his time divided by the fastest time, the third fastest time will receive points equal to his time divided by the fastest time and so on for each competitors time.

A seven event series is planned. Due to weather or other unavoidable circumstances, we may run fewer events. The overall championship will be determined by the best 3 of 4, 2 of 3, 1 of 2, or 1 of 1, events depending upon the number of events held.

A one-second penalty will be imposed for knocking over a pylon or if the pylon remains standing outside the chalked box. A five-second penalty for pylons will be imposed for the timing lights and stop area.

#### 4. CLASSIFICATION

By defining the rules in this area, we are trying to afford all entrants the fairest possible competition while keeping a practical upper limit on the number of classes. The SCCA rules will be used to classify cars. Exception to the SCCA rules are:

- Cars with R1 type tires will be moved up to the street prepared classification.
- SPS Soloperformance.com 2023 Solo Index PAX/RTP Factors will be used to determine equalize the timing between classes.

### **SEE SEPARTE PAX SHEET FOR 2023**

*The Index was developed by Rick Ruth & reflects results from over 200 nation Autocross (Solo II) events. This index is designed to incorporate some of the previous PAX substance with the RTP Index of the past.*

Conflicts over classifications will be resolved via a Classification Committee appointed by the Autocross Chairman. Their decision will be final, and may factor bumping a car into a more appropriate class.

#### 5. PROTESTS AND APPEALS

Generally, the right to protest and appeal shall follow the following guidelines:

- The protest Committee shall consist of at least one member from the Competition Rules Committee, the event chairman, and one member appointed by the event chairman.
- Any entrant may file a protest. Each protest must be in writing, must state the rule(s) being violated, and must be accompanied by a \$40.00 deposit. If the protest is upheld the money will be returned to the protester; if it is denied the money will go into the general fund. The protester may request that the car be dismantled, inspected or any other test be

made, provided that he/she posts a cash bond with the Protest Committee sufficient to cover the total cost of disassembly, inspection & re-assembly. If the car is found upon inspection to conform to the rules, the protester shall forfeit the bond or deposit, which will be used to cover the costs involved. If the car is found, upon inspection, not to conform to the rules, the protester's bond shall be returned and the driver or the protested car shall stand all expenses and be subject to penalty as determined by the Protest Committee.

- Each car entered must be available for inspection for at least 15 minutes after completion of last timed run of the event: otherwise any protest will automatically be upheld.
- Protests must be filed within 15 minutes after completion of the last timed run.

## **6. PENALTY TIME**

Penalty, time of 1 (one) second each is assessed for displacing pylons from their marked box. If any part of the STANDING pylon remains inside the box, the pylon is NOT considered displaced. If the pylon is toppled: it is considered displaced regardless of its proximity to the outlined box. If there is no box, the pylon is considered displaced ONLY if it is toppled.

## **7. FLAGS**

The autocross chairman will review all flags to be used during the event. Drivers must obey flag signals. The following flags may be used:

- GREEN– Go. The course is clear.
- RED– Emergency. Stop safely.
- CHECKERED– Finish. Proceed to the grid or off the course.

## **8. TECH. INSPECTION**

All autocross events require a technical inspection of each car at each event. The Tech. Inspection is to ensure that each car is mechanically safe. Each car is to be thoroughly inspected at each event. Vehicles not passing the technical inspection will not be entered in the event.

- Shocks shall be in good working order, properly mounted and free from leaks.
- Headlights, brake lights and turn signals shall be operable.
- Tires must not rub against any surface. No sheet metal shall interfere with steering or suspension.
- All cars must be structurally sound; rust or unsafe damage that impairs operations shall be ground for not passing the technical inspection.

- Wheels shall be free from cracks. Removable wheel covers must be removed.
- Lug nuts shall be properly torqued with none missing.
- Tires shall be free of cuts and bruises and must have visible tread.
- Tires will be free of bulges or visible cord. Recapped tires are not allowed.
- Wheel bearings shall be free of excessive play.
- All pedals shall operate smoothly and brakes must not be spongy. Brake pedals shall have sufficient clearances when depressed fully.
- Spare tire must be adequately secured if left in the car.
- Brake lines shall be tight and free from visible defects.
- No leakage of any fluids; Gas, Oil or Water.
- Steering mechanism shall be sound and free of excessive play.
- Suspension shall be firmly attached and free from visible defects.
- Drive belts shall have proper tension and be in good condition.
- Hoses shall be in good condition and tight.
- Distributor and air cleaners shall be properly secured.
- Throttle linkage and/or cables must be in safe operating condition and the return spring tension must be adequate.
- All cars must meet local noise restrictions by having adequate mufflers or other sound dissipative device in good working order and in constant operation. Under Muni of Anchorage, Statue 15.70.090, A. and B., Noise levels shall not exceed 86dB(A) measured at 50 feet or more. The noise level at events outside the Muni of Anchorage is restricted to 94dB(A) at 3500rpm at 50 feet. These levels maybe measured by devices that event staff have on hand, at the discretion of event staff.
- All wiring shall be secure and connections tight.
- Gas cap must be securely in place.
- The battery shall be adequately in its holder.

- Loose objects shall be removed from the vehicle.
- Seats must be suitably anchored.
- All cars must be equipped with seat belts. Where other than original factory design is used: the belt mounting must be securely anchored with large diameter washers on both sides of the floor mounting hole. Swivels must have eyebolts welded shut. Belts are required for driver and instructor.

## 9. FREE MODIFICATION

In this area we have tried to adopt a loosely interpreted, more lenient, version of the Porsche Parade Competition Rules (PCR's). This allows for various upgrades and replacements of troublesome items within a model range without bumping an entrant into a modified class.

Free Modifications allowed in "stock" classes shall be as follows;

- Substituted chain tensioners/ guards.
- Exhaust modification after the head (not to include open exhaust).
- Limited suspension modifications (no machining).
- Substitution of coil springs, torsion bars, shocks, sway bars.
- Rear camber compensation.
- Any DOT wheel/ tire combination fitting stock fender configuration
- Roll bars
- Spoilers
- Gear shift linkage
- Limited slip differentials
- Cross drilled rotors and/ or competition pads

Acceptable Engine Modifications;

- Ignition System– Any modification is allowed, provided an original type mechanical distributor is used.

- Air Cleaner– The air cleaner may be removed.
- Carburetors– Any car originally carburetor may have any carburetor, provided the throttle body and venturi dimensions are not changed from original specifications. Jets size may be changed.
- Fuel Pump– Fitting an electric fuel pump is permitted.
- Sump– If fitted with a wet sump lubrication system, the sump may be modified to ensure constant source of lubrication at the pick up tube. If fitted with a dry sump system no modifications are allowed.
- Oil Cooler– The addition of any oil cooler and/ or filter is allowed.
- Roller Bearing Crank– Any roller bearing crank may be used. Plain bearing cranks may be substituted for roller bearing cranks. Counter balanced may be used.
- Internal Engine Parts– Such parts may be balanced.
- Chain Tensioners/ Guards– Any chain tensioners or guards are allowed.
- Exhaust– Any modification after the head is permitted. No open exhaust is allowed. Exhaust noise level shall not exceed 94 dba at 3500 rpm at fifty feet.
- Turbochargers– Turbochargers are “free on 924 Turbos, 930 Turbo Carreras, 944 Turbos, and 911 Turbos”, provided they are the stock turbocharger.
- Chips– Any DME EPROM chip may be used except those altering turbo boost.

#### Acceptable Suspension Modifications;

- Adjustments– Any adjustments of the standard suspension and components are permitted, provided no machining is required for the adjustment.
- Removal of Hydrodynamic Suspension is allowed and suggested.
- Springs and Torsion bars– Any coil spring or torsion bar may be used.
- Shocks– Any shock absorber may be used.
- Sway Bars– Any anti-sway bar may be used.
- Camber Compensation– Any rear camber compensating device may be used.
- Bushings– Non– Standard (non elastic) suspension bushings may be used.

- Spring Plates– Adjustable spring plates are permitted.
- Front Shock Tower Brace– A shock tower brace may be used in any car provided it can be quickly and easily removed (not welded in). Any number of attachment points are allowed. All attachment points are with three inches of the top center of the shock absorber.
- Tires, Wheels, Brakes, and Fender Modifications:
  - Offset Rims, Tires, or Wheel Spacers– These are allowed provided they do not require any modifications to the car, other than longer wheel studs.
  - Brakes– Pads, linings, and brake lines of any manufacture may be used. A “safety breaker” may be used. Any type of cooling may be used.
  - Fenders– Fenders (including wheel openings) may be modified, provided that the tire-wheel-spacer combination and ride height setting used could be used without the fender modification (I.E., could be used on an un-modified car of the same model). In the event of a protest the entrant (the person being protested) must be able to prove compliance with this rule.
  - Tires and Wheels– Tires must be D.O.T. approved, marketed nationally and generally available. Recapped and regrooved tires are not permitted. The tires shall not rub against any surface of the car during a timed run.

Modifications not falling into any of the above categories shall be reviewed by the Classification Chair for suitability and safety. Decisions relative to those items, and classifications or reclassifications by reason of additional modifications, shall be made by the Classification Committee at its discretion. The Porsche Club Parade competition rules will be referenced to resolve disputes.

## 10. SAFETY

All entrants are required to wear a helmet in good condition and seat belts while driving in the events. Helmets with a safety rating of Snell 2010 (M or SA) or later are required. All cars must pass a Tech Inspection performed prior to the event. After 2020, Snell 2005 (M or SA) will not be approved for use at any event.

## **NOTICE**

The rules and/or regulations set forth herein are designed for the orderly conduct of competitive events and to further participant and spectator

safety. No express or implied warranty of safety or fitness for a particular purpose shall result from publication of, or compliance with, these rules and/or regulations. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to participants, spectators, or others.

These 2022 rules supersede all previously published General Competition Rules published by Alaska Region, Porsche Club of America.

## RULES COMMITTEE

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