


BREMERTON



SPORTS CAR CLUB

2023 Autocross Rule Book

2023 Club Officers:

President: Mark Schaff

Vice President: William Batts

Treasurer: Danielle Bradley

Secretary: Dave Anderson

Board Members:

Mark Schaff

Jessica Osterloh

Lukasz Krakowiak

Dave Anderson

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Gabe Wright

Tom Slipp

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Casey Lange

Autocross Committee:

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Tom Slipp

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Novice Questions:

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BSCC 2023 Race Dates	
Saturday, March 4	BSCC Practice # 1
Saturday March 18	BSCC Novice School # 1
Sunday, March 19	BSCC Event 1
Sunday, March 26	BSCC Event 2
Sunday, April 16	BSCC Event 3
Sunday, May 29	BSCC Event 4
Sunday, June 11	BSCC Event 5
Sunday, June 25	BSCC Event 6
Saturday, July 22	BSCC NOVICE School # 2
Sunday, July 23	BSCC Event 7
Sunday, September 17	BSCC Event 8
Saturday, October 8	BSCC Practice #2

Pacific Northwest Autocross Community Information

Western Washington Sports Car Council (WWSCC) – BSCC is a member club of WWSCC
www.wwscc.org

Boeing Employees Autosports Club (BEAC) www.beac-online.org/

Chuckanut Sports Car Club (CSCC) www.chuckanutsc.org/

Northwest Datsun Enthusiasts (NWDE) www.nwde.org

Puget Sound Miata Club (PSMC) <http://www.pugetsoundmiataclub.org/>

Sports Car Club of America Northwest Region (NWRSCCA) nwr-scca.org/

Torque Steerers (TS) www.torquesteerers.org/

UW Formula SAE Team (UWDFSAE) students.washington.edu/auto/

Other Pacific Northwest Region Automotive Clubs:

Autosports Northwest (ASNW), Spokane www.autosportsnorthwest.org

Confederation of Autosport Car Clubs (CACC), British Columbia www.caccautosport.org

Porsche Club of America Pacific Northwest Region (PNWRPCA) www.pnwr.org/

Puget Sound Region BMW CCA: www.bmwpugetsound.com

SCCA Oregon Region www.oregonscca.com/

Sand and Sage Sports Car Club (SSSCC), Richland ssccc.org/

Rainier Autosports Club, Seattle www.rainierautosports.com

Article 1: General

1.1. Definition

Autocross is a low to medium speed driving skill contest. Each car is separately timed over a clearly defined forward moving course of slaloms, braking maneuvers, and obstacle avoidance. Primary emphasis is placed on driver skill along with car handling and maneuverability rather than raw power or straight-line performance. Speeds should not exceed typical highway speeds. Events occur on an unobstructed expanse of open pavement with orange safety cones defining the course. The low speed and “single car on course” aspects of the sport create a high level of safety for both car and driver. Event structure allows individual choice from a relaxed to a highly competitive atmosphere. Points are accumulated over the course of the season with trophies awarded at the end of the year.

1.2. Insurance/Liability

All individuals (participant or spectator) are responsible for repair of damage they cause to their or other people's cars or property. Drivers, be aware that BSCC's insurance defines our autocross events as a competition. Accordingly, most personal automotive insurance will not cover damages to your or other cars. Proper caution is strongly encouraged.

1.3. Liability Waiver

All persons attending a BSCC hosted driving event MUST sign the liability waiver. For those under 18 years old, minor waivers must be signed by a parent/guardian and witnessed onsite by a BSCC member or notarized beforehand. Those who choose not to sign will not be allowed on the site.

1.4. Event Entry

Events are open to Bremerton Sports Car Club (BSCC) members. BSCC reserves the right to limit the number of entrants or number of runs to ensure events meet the closing schedule. If the number of entrants is limited, priority will be given to those running in class at their regular time

1.4.1. Memberships

Membership to BSCC is required for everyone driving at one of our events. Weekend memberships are available for \$10.00 and will cover Saturday thru Monday. Annual memberships are available for \$30.00 and cover the entire calendar year (January-December). Lifetime memberships are available for \$250.00.

1.4.2. Free Entries.

The Event Chair and Specialty Chiefs (as established by the Board of Directors) will be allowed one free entry for each event they attend.

1.5. Trophies

All entrants, except those running in Novice and Time Only, are eligible for year-end trophies. Points will be counted from the beginning of the year.

1.5.1. Eligibility

In order to be eligible for trophies competitors must attend a minimum of 4 of 7 events, 5 of 8 events, 6 of 9 events, or 7 of 10 events.

1.5.2. Timing Cards

Timing cards must be filled out completely and legibly. No car will be allowed to run without a completed timing card. Time Only entrants must have “TO AM” or “TO PM” clearly marked on their timing cards.

1.6. Driver's License

All entrants must be in possession of a current and valid driver's license, or learners permit, and signed minor waiver (if a minor). Exception is given to minors driving karts (see section 4.1 for kart definition).

1.7. Entry Fees

Drivers must pay entry fees of \$35.00 per session if pre-registered. There will be an additional \$10.00 fee for on-site registration.

1.7.1. Double Entries

Double entries are permitted at the discretion of the event chair and will be accepted only after all regular competitors have registered. The second entry of the day must be in Time Only.

1.7.2. Payment

All outstanding balances must be paid in full before a competitor will be allowed to compete in an event.

1.8. Run Order

Car classes are scheduled to run in a particular session (morning or afternoon). A driver may run "out of class" without prior approval as a "Time Only" entry with no trophy points awarded. Novice drivers may not enter as Time Only, they must run in either NOVAM, NOVPM, or both. Drivers competing in a points class may enter in time only after their competitive class but not before.

1.9. Car Numbers

All entrants will be assigned a car number. Car number and class must be prominently displayed on both sides of the car. Block letters and numbers at least 8 inches tall must be utilized.

- Novice and Time Only numbers are assigned for the current season only.
- Car numbers in an existing series shall be dropped and made available to other participants after one season of inactivity. (Inactivity is defined as zero events attended in the season)
- Member's assigned numbers in multiple classes are requested to update their active class participation and relinquish assigned numbers so that others may use them.

Article 2: Safety

2.1. Restricted Items and Activities

Alcohol, drugs, and fireworks are prohibited. People in possession of these items will be disqualified, forfeit entry fees, and asked to leave the site. People who consume alcohol or drugs or are obviously impaired by alcohol or drugs will be disqualified; forfeit their entry fees and be detained while local authorities are contacted. Infractions of this rule should be immediately reported to the event chair or safety officer.

2.2. Participants, Spectators & Guests

Competitors are responsible for the actions of their guests. Any individual behaving inappropriately will be expelled from the event at the discretion of the event chair.

2.3. Speed Limits

General site speed limit is 15 MPH and limit in the pit area is 5 MPH. Violators are subject to disciplinary action from verbal warning to disqualification and expulsion. Legal speed limits on surrounding roads approaching and leaving the site must be obeyed. Drivers observed speeding or exhibiting inappropriate or unsafe behavior on public roads adjacent to the site will be barred from watching or participating in the

event. Anyone driving in a dangerous or intentionally unsafe manner on or off course will be disqualified and expelled from the event pending a ruling by the Event Chair.

2.4. Helmets

All competitors and passengers must have an appropriate helmet. An appropriate helmet is defined as the three most current Snell revisions with a rating of Snell K, M, or SA. Helmets defined as acceptable by current SCCA Solo rules are also acceptable [<https://www.scca.com/pages/solo-cars-and-rules>]. All helmets must pass inspection. Drivers of vehicles lacking a windscreen must have full-face helmets, goggles, or other adequate eye protection.

Non-compliant helmets will be impounded until the end of the event. All helmets must be approved by vehicle tech inspection.

2.5. Vehicle Inspections

All vehicles must pass a safety inspection covering the following areas and criteria. Annual Tech from SCCA will be recognized. Any safety concerns may be evaluated at any time during the event, by event personnel, including safety concerns discovered after tech inspection.

2.5.1. General items

- Timing card must be completed and available for inspector.
- Inspector is the final authority on safety acceptance of any vehicle.
- Vehicle must be presented in race ready condition.
- Helmet must be available for inspection.

2.5.2. Engine and Engine Compartment

- Auxiliary pressurized gas injection systems must be disabled. This includes Nitrous Oxide, Propane, Compressed Air, etc.
- Spark ignited Fuel must contain 10% gas at minimum.
- Fuel, oil, or coolant/antifreeze leaks are not permitted in any amount. No excessive grease accumulation (greater than ¼" thick).
- Battery secured with hard point brackets (No bungee cords).
- Battery positive terminal completely covered with non-conductive material. (vehicles that completely enclose their batteries in a dedicated compartment will be considered to meet this requirement)

2.5.3. Suspension and Wheels

- Shocks and springs in safe condition.
- Wheel bearings properly adjusted.
- Wheel lugs, bolts, and studs correct number present and tight. (Minimum depth of engagement = diameter of bolt)
- Wheel spacers are allowed provided they are designed for that function. (Minimum depth of thread engagement = diameter of bolt)
- Hubcaps, wheel rings and other non-bolted wheel trim must be removed.
- Wheels shall not show any sign of cracking or obvious bends. Chrome and painted wheels should be examined carefully for hidden flaws.
- Steering system rods, bars and arms properly connected, safe and no excessive play.
- Wire wheels will have no more than 3 loose spokes per wheel.
- Swing axle vehicles (e.g., pre-1969 VW and Fiat 850) must have camber limiting device(s) or negative wheel camber.

2.5.4. Tires

- Tires must have no cords or belts showing.
- Tire date of manufacturer must be within 10 years of the current event date.
- If you have a question about whether a particular tire is authorized, contact the autocross committee.

2.5.5. Interior and Luggage areas

- All loose objects and gear removed. Spare tires and jacks may remain in the car provided they are secured by hard point (i.e., screwed down tightly).
- No openings permitted between passenger compartment and engine compartment, running gear or wheel suspension areas. Exceptions can be made by tech inspectors and/or Event Chair.
- Aftermarket seats are permitted, provided suitable attaching points are used.

2.5.6. Seat Belts

- Seat belts with metal-to-metal buckle required for driver and passenger seats. When not occupied, passenger seat belt should be secured when practical.
- Aftermarket shoulder harnesses or other auxiliary belts will not be worn in open top vehicles without roll bars installed.

2.5.7. Miscellaneous

- Cockpit covers shall be removed unless the car has a roll bar.
- Roll bar required on open top prepared and mod classed cars.

2.6. Course design and Safety requirements.

Those interested in designing courses are referred to Roger Johnson's Course Design Handbook (<http://www.houscca.com/autocross/course-maps/#design>). Courses designed following the principles in this handbook will comply with all BSCC insurance safety requirements. For a separate list of insurance safety requirements, contact the autocross committee. Course map required unless special permission is given by the event chair.

- Recommended minimum gate width is 15'
- Recommended minimum distance between elements is 45'

Article 3: Event Operations

3.1. Runs

Competitors normally get four official timed runs. The fastest timed run including penalties will be counted for scoring and class ranking.

3.1.1. Re-Runs.

Re-runs will be granted to drivers affected by conditions outside their control, and not related to the conduct of their passenger or condition of their vehicle. Re-runs will not be granted for mechanical failure. In other words, you cannot cause your own re-run. Re-runs are allowed for the following reasons:

- Timing failures: In case of timing failure, the entrant will be allowed to finish his/her run and then be notified of a re-run.
- Course being red flagged, provided the competitor or passenger is not the cause of the flag.

- Course marker cones out of place. If the competitor stops near the offending cone and identifies it to a course worker.
- If required to stop for a course worker or to avoid another car, driver must come to a complete stop and identify the issue to the course worker to get a re-run.

3.1.2. Fun Runs.

Following the completion of all points' runs and time permitting at the end of the day, registered participants may be allowed to complete additional runs. Fun run participants must assist with clean up.

3.1.3. Running "Out of Class".

Competitors may run "out of class" for points with approval from the event chair. These requests will not be routinely granted and must be considered on a case- by-case basis to accommodate unusual circumstances. Entrants approved for "out of class" runs will be accorded all points and considerations as if they ran with their class unless weather conditions make the awarding of points unfair. Judgment of weather conditions will be made by the event chair on the day of the event. The following are examples of what will not be considered as "unusual circumstances":

- Oversleeping
- Hangover
- Traffic Citation
- Got Lost

3.2. Grid

3.2.1.

No pets, scooters, bicycles, skateboards, running in grid, or unescorted children (under 10).

3.2.2.

No smoking or vaping in grid.

3.2.3.

All competitors must be in grid prior to the first car starting on course or their first run is forfeited, unless exempted by the event chair.

3.3. Penalties

3.3.1. Cones

Two seconds will be added to the official run time for each cone(s) displaced. A cone is considered displaced if it is knocked over on its side or moved completely outside the box marking its original position. Displaced pointer cones do not count as a penalty.

3.3.2. Gates

- Ten seconds will be added to the official run time for each gate missed. A gate penalty is assessed when a car deviates from the intended course as follows:
- The car is driven completely around a 2-cone gate. Note: one set of tires passing through the gate and displacing one of the cones will be assessed as a cone penalty.
- One gate penalty will be assessed for each slalom cone skipped or passed on the incorrect side. Failure to drive on the side of a cone opposite of the pointer cone.

3.3.3. Did Not Finish (DNF)

A single run will be scored a DNF when a participant does any of the following.

- Does not complete the run
- Incurs too many penalties to count
- Makes course deviations that endanger people or property
- Hits the timing equipment
- Exits the paved surface

3.3.4. Disqualification (DSQ)

Exiting the paved surface with all four tires will be considered a disqualification from the event. All work assignments must be completed. Any of the DNF items taken to the extreme may also result in a DSQ. All runs will be nulled. Competitors have the right to appeal the DSQ to the Event chair but must do so immediately upon returning to the grid area. The event chair will then consult with at least two members of the autocross committee or board members to determine if the participant may continue to compete in the event.

3.3.5. Noise Levels

Cars with overly loud exhaust (as determined by the event chair) will be DSQ'd if unable to quiet it down.

3.4. Damage to Club Equipment

Entrants that come into contact with any of the timing equipment (i.e., timing lights, reflectors, cables, trailer, PA system, etc...) with their vehicles are subject to a \$100 fine to be paid before leaving the event.

3.5. Scoring

Points are calculated based on entrant's time in comparison to the winning time in class based on the formula:

$$(\text{Winning Time} / \text{Entrant Time}) * 100 = \text{points.}$$

First place in class will be 100 points. Event points will be added together to determine year end standings and trophy awards in each class. See section 1.5.1 for trophy eligibility.

3.5.1. Protests

Due to the low-key and simplified nature of BSCC events and classing, few protests are expected. Any person who believes they have a legitimate protest will bring it to the attention of the Event Chair, Tech Inspector or Autocross Committee Member present. The entrant protested will be given an opportunity to present a defense prior to the protest being upheld. If a protest is upheld and an entrant is found in violation of a rule, corrective action may be taken to bring the entrant within compliance of the rules. If such action cannot be taken, the entrant will be unable to participate in the event. All protests must be made during the event operation. No post-event protests will be considered for review.

3.5.2. Timing Corrections

Requests for timing corrections for scored events must be submitted to the scoring chief for review within a week of posted results. The scoring chief will review the request and submit it to the BSCC Board for approval.

3.5.3. Work Assignments

All competitors must complete a work assignment. Entrants who fail to complete a work assignment during the event will forfeit trophy points and will be required to complete the work assignment prior to running in any subsequent event. Therefore, it is extremely important that entrants check in so that they get credit for completing their work assignment. Course workers have the full authority of BSCC to make judgment calls in the interest of safety, fairness, and procedure. Public disputes with course workers will not be permitted and should be handled according to paragraph 3.5.1.

3.6. Passengers

- Riding as a passenger with competitors is permitted. Novices may NOT have passengers other than authorized instructors. At the discretion of the Event Chair or Novice Chair, an instructor may be directed to ride with the Novice driver.
- The event chair has the authority to deny any passenger. People with heart conditions, adverse reactions to high G-forces or increased adrenaline levels or known susceptibility to motion sickness are discouraged from requesting demonstration rides. Non-competitors may ride provided they have signed the appropriate waiver and can be safely restrained in the car with a properly fitted helmet. Seat inserts may be used; car seats and boosters may not.
- Passengers must be at least 12 years old or 57 inches tall.

3.7. Event Process (or what do I do when I get there?)

The process has been generally standardized to provide stability to entrants. Class run groups and times are posted on www.bscc.net. When you arrive at the site you are expected to (in this general order):

- Pre-register per website directions if possible (makes morning check-in faster)
- Arrive early, stop at the site entry booth, sign the waiver and receive a wristband.
- Park your car in the pits, be alert as to not park in a spot where another competitor's equipment is located.
- If you have not pre-registered per instructions at bscc.net; go to the registration table and register in the proper class
- Pay the entry fee
- Get a course map
- Get a timing card and completely fill it out
- Get a work assignment
- Note: Morning registration is approximately 7:30 am to 8:30 am. Afternoon registration is approximately 12:00 to 1:00 PM.
- Prepare your car for technical inspection unlock doors, pop trunk/hatchback, pop hood, leave helmet on passenger seat, leave timing card under drivers' side windshield wiper or on dash if it is raining, have numbers on the car and stay with your car at the designated Tech area until released.
- Following tech inspection, move your car to Grid A if you're running first, or Grid B if you're working first. See course map for grid locations.
- Complete your course walk(s)
- Attend the mandatory drivers meeting
- IF YOU'RE WORKING FIRST: Check in at the back of the timing trailer to ensure you're marked off for your work assignment.
- IF YOU'RE RUNNING FIRST: Get to your car and be ready to make your runs. Keep your timing card on the windshield or, if it's raining, place it on your dashboard (please keep door unlocked).

Article 4: Classes

4.1. General

BSCC uses a simple class structure. Entrants are responsible for registering in the correct class. Series points are not transferable between classes. Cars may be allowed to run in one class higher (e.g. small sedan competing in medium sedan). Medium sedan shall only run in Touring Sedan or Prepared Sedan as a higher class and cannot run in Large Sedan. Vehicle will not be allowed to run in a lower class. Motorcycles are prohibited. Small/compact trucks modified for performance driving may be allowed in Sedan classes with prior approval of the event chair and tech chief. No vehicle shall be taller than it is wide without explicit permission of the tech inspection chief. Karts with displacements of 80cc and 125cc are permitted provided the operator has all International Karting Federation (IKF) required safety equipment. Cars are classed in groups based on common characteristics that define their performance ability.

4.2. Novice Class

Any entrant who has driven in five or fewer autocross events must enter as a novice unless approved by Novice Chair. Once entered in the series as a novice, an entrant may continue as a novice for only one full racing season. For the purposes of this section documented autocross experience with any WWSCC Club will be accepted, experience with other clubs may be considered by the Novice Chair or person appointed by event chair.

4.2.1.

If you have a question about whether a particular tire is authorized in Novice class, contact the autocross committee.

4.2.2.

All participants can request an instructor from Event Chair/Novice chair. Novices must have an instructor unless waived by the novice chief.

4.3. Sport Classes

Sport class cars are cars built on sports chassis, usually have 2 doors, no or small back seats, and are usually rear wheel drive. Some cars that do not fit this general description are classed as "sport" based on their performance characteristics. The Sport class cars are divided into 4 subclasses. Examples of cars that fit into that class are provided. If you have any questions about which class your car belongs in, contact the autocross committee. The Sport classes are permitted to have:

- Any suspension or chassis modification (e.g., camber kits, springs, dampers, anti-roll bars, torsion bars, pan-hard bars, etc. may be added, removed, or changed)
- Minor bolt on drive train modifications not covered under prepared class paragraph 4.5. Any DOT legal tires with a minimum 200 treadwear except where factory spec (standard equipment)
- Vehicles must have OE/factory fenders, doors, roof, and windshield.
- Rolled fenders are allowed.
- Engine swaps are allowed so long as the new engine is correct for the model of the car. For example, a 1.6L Miata engine may be swapped for a 1.8L Miata engine. (clarification from the BSCC Board may be requested)

4.3.1. Super Sport: (example vehicles listed)

Acura NSX 2016+
Alfa Romeo 4c
Audi R8
Camaro ZL1, SS 1LE
Corvette C6, C7 (all), C8 (all)
Mustang GT500 (2010 & up)
Corvette Z06 (all)
Corvette ZR1 (09 and up)
Dodge Viper
Ferrari F430

Ford GT40/GT
Lotus Elise & Exige
Mustang GT350/GT350R
Nissan GTR (all including JDM)
Nissan Skyline (GTR)
Porsche 718 S/GT* (2017 & up)
Porsche 911 (992 series)
Porsche 911 (GT*)
Porsche turbo 911

4.3.2. Sports A: (example vehicles listed)

Acura NSX (1990 to 2005)
Audi TTS/TTRS (09+)
BMW M Coupe and M Roadster
BMW Z4 (2020+)
Cadillac XLRV
Chrysler Crossfire SRT-6
Corvette C4, C5 (non Z06)
Detomaso Pantera
Dodge Stealth RT
Jaguar XKR
Lotus Esprit
Mazda Rx-7 (93+)
Mercedes SLK AMG

Mitsubishi 3000 GT VR4
Nissan 300ZX Twin Turbo
Nissan 350Z/370Z/Z
Nissan Skyline (R32, R33 & R34)
Pontiac Solstice GXP
Porsche 911 (non-GT*)
Porsche 911 (over 2.4L & pre 992 series)
Porsche 930
Porsche Boxster S (1996 to 2016)
Porsche Cayman R
Porsche Cayman S (2006 to 2016)
Saturn Sky Redline
Toyota 🌐 Supra Twin Turbo (Includes 2020+)

4.3.3. Sports B: (example vehicles listed)

Audi TT (before 08)
BMW Z3 and Z4 (non-M) (Pre-2020)
Chevrolet Corvettes (1963-1982)
Chrysler Crossfire (NA)
Fiat 124 (2016 & up)
Honda S2000
Mazda Miata (2016 & up)
Mazda Rx-7 Turbo (pre-1992)
Mazdaspeed Miata
Mercedes SL (6-cylinder)
Mercedes SLK (non-AMG)
Nissan 300 ZX (NA Z32)
Nissan 300 ZX Single Turbo

Pontiac Solstice (NA)
Porsche 718
Porsche 911 (under 2.4L)
Porsche 944 S2/968
Porsche 944/968 Turbo
Porsche Boxster (non-S)
Porsche Cayman (non-S)
Porsche Cayman/Boxster (Base, 2017+)
Saturn Sky (NA)
Subaru BRZ. Toyota GR-86
Toyota Mr2 Turbo
Toyota Supra (Mk3 Turbo)

4.3.4. Sports C: (example vehicles listed)

Honda Beat

Honda CRX and CRZ

Mazda Miata (89'-15')

Mazda RX-7 (NA)

MG, MGB

Mitsubishi Eclipse (FWD)

Nissan 240/260/280/

Nissan 300Z (NA Z31)

Pontiac Fiero (All)

Porsche 912

Porsche 914 (all)

Porsche 924 (all)

Porsche 944 (NA)

Scion FRS, Subaru BRZ, Toyota GT-86

Suzuki Cappuccino

Toyota Mr2 (NA and supercharged)

Toyota Supra (NA)

4.4. Sedan Classes

Sedan class cars are primarily based on a larger and heavier sedan chassis, may have 2 or 4 doors, and have adult size back seats. The sedan class cars are divided into 5 subclasses. Examples of cars that fit into that class are provided. If you have any questions about which class your car belongs in, contact the autocross committee. The sedan classes are permitted to have:

- Any suspension or chassis modification (e.g., camber kits, springs, dampers, anti-roll bars, torsion bars, pan-hard bars, etc. may be added, removed, or changed)
- Minor bolt on drive train modifications not covered under prepared class paragraph 4.5. Any DOT legal tires with a minimum 200 tread wear except where factory spec (standard equipment).
- Forced induction, installed from the factory will multiply engine displacement by 1.6. Non- factory forced induction will multiply engine displacement by 1.8.
- Vehicles must have OE/factory fenders, doors, roof, and windshield.
- Rolled fenders are allowed.

4.4.1. Touring Sedan: (example vehicles listed)

Alfa Romeo Giulia

Audi RS4

Audi RS6, RS8

BMW 135 & 1M

BMW 335

BMW 6-cylinder turbo model

BMW M2

BMW M3 (E36 +)

BMW M4

BMW M5 (04+), M6

Cadillac CTS-V, ATS-V

Ford Focus RS VW Golf R

Honda Civic Type R

Hyundai Elantra N

Mazdaspeed 6

Mercedes C-Class AMG

Mercedes CLK AMG

Mercedes E-Class AMG

Mitsubishi Eclipse/Talon AWD

Mitsubishi Evo (all)

Mitsubishi Lancer (turbo)

Subaru WRX and WRX STI (all)

Tesla (Fast)

4.4.2. Large Sedan: (Generally passenger cars with engines larger than 4000 cc such as)

AMX

Audi A6-A8

Audi S4

BMW 5 (non-M) series

BMW 7 series

BMW M5 (pre-2004)

Cadillac CTS (NA)

Chevrolet Camaro (V8 except ZL-1)

Chevrolet SS

Chrysler 300 (V8)

Dodge Challenger (V8)

Dodge Charger (V8)

Dodge Magnum (V8)
Ford Mustang (V8 except for 2005 and up
GT500, GT350, GT350R)
Lexus SC400

Pontiac Firebird/Trans Am
Pontiac G8 GXP
Tesla (Slower)

4.4.3. Medium Sedan: (Generally passenger cars with engines 2400 - 3999 cc such as)

Acura ILX
Audi A2 – A5
BMW 128
BMW 3 series (naturally aspirated)
BMW M3 (E30)
Cadillac ATS (NA)
Chevrolet Camaro 6cyl/ 4cyl-Turbo
Chevrolet Cobalt SS
Chrysler 300 (V6)
Dodge Challenger (V6)
Dodge Charger (V6)
Dodge Magnum (V6)
Dodge Neon SRT-4
Fiat 500 Abarth
Ford Fiesta ST

Ford Focus ST
Golf GTI
Hyundai Genesis Coupe (all)
Hyundai Tiburon (V6)
Infiniti G35 and G37
Mazda 6
Mazdaspeed 3
Mercury Cougar (V6)
Mini Cooper S
Pontiac G6
Pontiac G8
Saturn Redline Ion
Volvo 850 Turbo, C30, C70
VW New Beetle (turbo)
VW R32

4.4.4. Small Sedan: (Generally passenger cars with engines smaller than 2399cc such as)

Acura Integra
BMW 318, 320
Chevrolet Aveo
Chevrolet Cobalt (non-SS)
Chevrolet Cruze
Chevrolet Volt/Bolt
Dodge Neon (NA)
Ford Focus (non-RS/ST)
Honda Civic
Honda Fit
Hyundai Tiburon (4-cyl)

Mazda 2
Mazda 3
Mercury Cougar (4-cyl)
Mini Cooper (naturally aspirated)
Pontiac G5
Saturn Ion
Scion (all)
Subaru Impreza (NA)
Volkswagen New Beetle (NA)
VW Beetle (1980 and before)
VW Rabbit

4.5. Prepared Classes

Any car may enter their respective prepared class.

4.5.1. Sports Prepared:

Any car normally categorized in paragraph 4.3. Cars with the following modifications MUST enter the prepared class. Example modifications include:

- Running a DOT-approved tire that is rated at below 200 treadwear.
- Engine swap to an engine not sold in the car (ex. 5L Coyote in a Fox body mustang).
- Change from water to air cooled or vice-versa All non-OE engine internals is allowed.
- Removal of car interior panels or parts (i.e. entire interior panels, seats, dash, instrumentation, headliners, etc.)

- Exception: Minor parts such as hatch covers, and spare wheel covers may be removed prepared vehicles must have OE doors, roof, windshield, lights, and wipers.
- Extensively modified cars are encouraged to enter in the Modified classes for purposes of competitive equality.
- Flaring or replacement of OE fenders is allowed.

4.5.2. Prepared Sedan:

Any car normally categorized in paragraph 4.4. Cars with the following modifications MUST enter the prepared class. Example modifications include:

- Running a DOT-approved tire that is rated at below 200 treadwear.
- Engine swap to an engine not sold in the car (ex. 5L Coyote in a Fox body mustang).
- Change from water to air-cooled or vice-versa All non-OE engine internals is allowed.
- Removal of car interior panels or parts (i.e., entire interior panels, dash, instrumentation, headliners, etc.)
- Exception: Minor parts such as hatch covers, and spare wheel covers may be removed. Prepared vehicles must have OE doors, roof, windshield, lights, and wipers.
- Extensively modified cars are encouraged to enter in the Modified classes for purposes of competitive equality.
- Flaring or replacement of OE fenders is allowed.

4.6. Modified Class

Purpose built race cars. Formula/Sports Racers and others as determined by the autocross committee. Cars with the following modifications must enter the modified class.

- Engine swap to a different manufacturer
- Change in engine location
- Utilizing non-DOT, purpose built, race tires
- Vehicles not utilizing OE, doors, roof, or windshield

4.7. PAX Class

Any driver may enter the PAX Index class Results are calculated using the current RTP/PAX Index. Drivers MUST know their vehicle's SCCA class to enter and must be able to supply number/class markings. The formula to calculate PAX times is the following: $\text{Time} = (\text{scratch time} \times \text{PAX Index}) + \text{penalties}$.

2023 PAX/RTP Index

SS	0.832	SSP	0.855	XP	0.884	AM	1.000
AS	0.823	ASP	0.849	BP	0.867	BM	0.980
BS	0.818	BSP	0.852	CP	0.858	CM	0.896
CS	0.811	CSP	0.864	DP	0.865	DM	0.898
DS	0.808	DSP	0.844	EP	0.856	EM	0.911
ES	0.792	ESP	0.840	FP	0.877	FM	0.914
FS	0.813	FSP	0.828	HCR	0.815	FSAE	0.981
GS	0.794						
HS	0.786	SSR	0.846	SMF	0.847	KM	0.933
HCS	0.793			SM	0.868		
		CAM-T	0.816	SSM	0.879		
SSC	0.807	CAM-C	0.819				
		CAM-S	0.839				
STH	0.812						
STS	0.814	XS-A	0.842				
STX	0.817	XS-B	0.848				
STR	0.831	EV	0.838				
STU	0.830						
SST	0.837						

<https://www.solotime.info/>

4.7.1.

High School PAX (HP). High School PAX (HP) is a class for drivers under 18 with a valid driver's license or permit and signed minor waiver to compete in conventional cars using the standard PAX index and rules.

4.7.2. Street Tire PAX Class (ST)

Street Tire is an indexed class for class competitors who want to run on a level playing field against other competitors on street tires. Class designation is a "T" following the appropriate SCCA class letters (eg: AST, CSPT). Purpose-built autocross or road racing (R compound) tires are not allowed. The current National PAX Index values will be used to compute times for scoring. SCCA classes indexed on race tires (eg: Street Prepared, Street Modified), when on street tires, will be given an additional 0.98 index.

4.8. Kart

Kart 80 to 125cc Racing karts meeting IKF safety and technical requirements.

4.8.1.

Kart (KA) Drivers 16 and Older

4.8.2.

Junior Kart (JK) Drivers age 6 to 15 using the 2012 SCCA Junior Kart guidelines. JK-A Drivers 12-16, JK-B Drivers 8-11 JK-C Drivers 6-8

4.8.3.

Formula SAE (SE) Vehicles conforming to the Current Formula SAE Specifications.

Article 5: Amendments

The BSCC autocross committee reserves the right to change, delete, or add to the policies and rules set forth in this booklet as necessary for benefit and fairness of the majority of BSCC members. Any BSCC member may petition in writing for a rule change or variance. Use the form at the end of this document to submit a rule change request.

Request for Rule Change Form

Current rule: **Page:** _____ **Paragraph/Section:** _____

Existing text:

Proposed Text:

Explanation or reason for change:

Mail to:

BSCC Autocross Committee Chair :

P.O. Box 535 Bremerton, WA 98337

(Or)

E-mail to: Autocross@bscc.net