



2018 AUTOCROSS RULES:

GENERAL CONDUCT:

1. Unsafe behavior will not be tolerated.
2. We reserve the right to refuse any registration.
3. No alcohol or drugs.

REGISTRATION:

1. You must be a BMW CCA member or a guest of a BMW CCA member to compete. A link to registration is online at www.windycitybmw.com. Create a user account, garage, and register for the upcoming event. Permanent car numbers are available. Permanent numbers that have not been used will be released for the general public at the beginning of registration for the next event.
2. You must have a full driver's license that is not suspended or revoked. Due to insurance requirements, driver's permits are not allowed.
3. The number of event participants will be limited to depending on the venue, unless otherwise noted. A waiting list will be started once registration is full. Please email autocross@windycitybmw.com, leave your name, email address and a phone number where you can be contacted if a cancellation occurs. The waiting list names will be contacted in the order that they are received.
4. A BMW CCA member may bring participating non-member guests to each event. The member signs up normally. The Guest must create an online user account by using the member's membership number 999999; use 01/01/2018 as the Membership Expiration Date. The club member must send an email to autocross@windycitybmw.com to confirm that they have registered a guest, along with the guests' name, vehicle they will be driving, and contact information (email or phone). Guests who have not been confirmed before registration closes will be removed from the system and their position given to the first person on the waiting list.
5. Each competitor must place their vehicle number on each side of the vehicle, large and visible enough for course workers to easily view their number from a distance.
6. Each competitor must complete a self-tech sheet and place it under the driver's windshield wiper.
7. The BMW CCA member shall assist their guest(s) with tech, etc.
8. All vehicles must have streetable exhaust, DOT tires and be an appropriate vehicle for competition. Non-DOT tires are permissible for participation, but will not be eligible for

event trophies or season standings. If there are any questions, the Event Chairpeople or Autocross Chairperson makes the call. Go-karts and motorcycles are not appropriate vehicles.

9. Check In closes 10 minutes before the safety meeting begins. Once closed, registration for the event is over. If you are late, you are a spectator.
10. All entrants must be available to work during the entire event, should you not be able to work for some reason, please coordinate with the Event Chairpeople.
11. All events will support an Instructor/Mentor program. Any registered driver may request an instructor/mentor to ride along with them for assistance and instruction on navigating the course, improving driving technique, and refining the racing line. Any registered driver who wishes to have an instructor assist them must turn on their hazard flashers when their car is in grid to let available instructors know they are seeking assistance.
12. Instructor/mentors may take any passenger on a ride along for instructional purposes and membership recruitment. Only registered and tech'd cars may be used for this purpose. Furthermore, these rides will be conducted during the driver's timed runs. The goal of the program is to provide driver instruction and introduce potential participants to the autocross program and the Windy City BMW Club
13. At the discretion of the Event Chairpeople and the Autocross Chair, there may be fun runs at the end of the competition. All safety rules must be followed below for fun runs (tech'd cars, instructors only with/as passengers, helmets, etc.).
14. Refund Policy: If you cancel 24 hours before the event, you will receive a refund minus the Paypal or credit card fee. Optionally, you may request to apply the refund to the next autocross with no penalty. Should you need to cancel, please do so as early as possible so that people on the waiting list can be contacted. Requests to cancel event participation should be sent to autocross@windycitybmw.com.
15. The number of competitive runs is at the discretion of the Event Chairpeople.
16. A Novice Course Walk will be conducted at 9 am before each event. All novice autocrossers are encouraged to attend, but the walk is not mandatory.

SAFETY:

1. Snell 2010 or newer helmets. A limited number of loaner helmets will be available at all events.
2. Metal to metal seat buckle belts for driver and passengers.
3. Remove all loose objects from interior, glove box and trunk. (Check under seats.) If floor mats are mechanically fastened (not Velcro) then only the driver's floor mat must

be removed.

4. Everyone who wishes to attend the event (spectators included) shall have an appropriate armband designating their status (spectator, driver, instructor/mentor). Spectators will have a red wristband, drivers will have a green wristband, and instructors/mentors a yellow wristband.
5. Courses shall be laid out by the Event Chairpeople, and checked for safety by the Autocross Chair and/or their designated representative (Course Steward). BMW CCA national standards shall be followed in addition to a minimum gate width of 15-ft (about 5 paces) and a minimum slalom spacing of 50-ft (about 17 or 18 paces). Adjustments to the course to avoid dangerous conditions shall be made prior to starting the timed event.
6. Courses shall focus first on being relatively easy to navigate for beginners, before providing technical challenges for advanced drivers. Both can be accommodated with good course design.
7. Corner worker stations shall be clearly delineated on the course map.
8. A dedicated driving lane will be reserved for the paddock area. Cars will not be allowed to exit the paddock or enter the "hot" course area. The paddock and grid areas will be marked on the course map.
9. The stop box approach shall be as straight as possible to prevent cars from sliding or spinning into the box. A rolling stop will be required – cars should exit the stop box at paddock speeds without coming to a complete stop. Suitable runout room shall be provided and the stop box shall not be directed towards grid, the paddock or any other location where spectators or vehicles congregate.
10. Worker assignments shall be as follows:
 - a. **Event Chairpeople** will not be assigned a specific workstation. They have expended considerable effort planning the event and are responsible for any problems or questions that arise and should be available as needed to fulfill those duties, however may be called upon to assist with any worker position if necessary and the chairperson is able. Event Chairpeople are responsible for the event running smoothly, including assisting with course and equipment setup, coordinating with timing and scoring and registration, the Safety Steward, and Registration, making announcements, assisting with the Instructor/Mentor program during the event, and assisting with course clean up and packing up equipment. Event Chairpeople shall be responsible for getting cones to and from the event, and preparing the course and providing maps. An Event Chairperson should have a radio if extras are available.
 - b. **The Corner Captain** shall be experienced and familiar with corner worker requirements, including identifying and replacing downed cones, rechalked cones, the use of the yellow, black and red flags, and communication via radio with timing and scoring. The Corner Captain shall be responsible for working their assigned

corner and ensuring the safety of workers at their corner. Each Corner Captain should have a red flag and a radio.

- c. **Corner workers** shall report to their assigned Corner Captain who will be responsible for their assigned corner. Workers shall replace cones as necessary. A minimum of 2 corner workers shall be required at each work station.
- d. **The Grid Steward** shall be responsible for staging cars in the proper run group, sending cars to the start line, and checking for the proper wristbands, loose/unstrapped helmets or loose items in the car. This is a cursory check only and should not unnecessarily delay the event. The Grid worker shall also notify the Event Chairs after the first two sets are complete to make the announcement to begin staging the next group. The Grid worker shall also assist with identifying cars that wish to have an instructor that have turned on their hazard flashers. The Grid Steward should have a radio if extras are available.
- e. **The Starter** shall line cars up at the start line and send cars at a safe interval once timing and scoring is ready. The Starter must check for the proper wristbands for all drivers and passengers as well as a check for loose helmets or objects in the car. The Starter must check for any locations on the course where two cars may approach within close proximity (which maybe near the finish) and adjust the interval between cars as appropriate. The Starter should have a radio unless they are in very close proximity to timing and scoring.
- f. **Timing and Scoring** will consist of 2 workers. A Timer who operates the computer and Radio Auditor who communicates with Corner Captains on any penalties, notes the penalties and relays those to the Timer. If there are sufficient corner workers a Spotter may be assigned to help the Timer and Auditor with car staging, communication with the Starter or Grid and other activities as needed. The Auditor shall have a radio.
- g. **Spotter** help the Timer and Auditor with car staging, providing vehicle numbers to the Timer and Auditor each run, communication with the Starter or Grid and other activities as needed.
- h. **The Stop Box Worker** is responsible to keep the stop area clear of cars and pedestrians, watch for reckless behavior in the stop area by competitors, stop cars entering an unclear stop area, and ensure competitors clear the stop area after runs. The Stop Box worker shall have a red flag and may have a radio if extras are available. The Stop Box worker will communication with timing and scoring any DNF penalties for a stop box infraction.
- i. **Registration** shall be a dedicated work position. Prior to the event online registration will be compiled by the Autocross Chair and the Registrar. At the event, the Registrar will assist with waivers, provide tech sheets and wristbands, collect moneys due, and provide driver updates to the Chief of Timing and Scoring.

- j. **The Waiver Steward** shall ensure that all persons entering the event premises will have signed the Club waiver and have a wristband. Persons not signing the waiver will be asked to leave.
 - k. **The Novice Liaison** will assist newer drivers with the course walk prior to the Driver's Meeting and be available to answer questions and provide guidance during the event. The Novice Liaison will assist new drivers with finding mentors/instructors for ride alongs. This position may also be assigned another worker position in tandem if necessary.
 - l. **The Safety Steward** shall evaluate each course prior to the competition to determine if any unsafe conditions are present. The Safety Steward shall discuss any concerns and recommendations with the Event Chairpeople prior to making any course adjustments. This position may also be assigned another worker position in tandem if necessary.
 - m. **The Chief Instructor** shall be responsible for administering the Instructor/Mentor program, evaluating candidates for the program, and assisting new drivers with finding mentors during the event. This position may also be assigned another worker position in tandem if necessary.
 - n. **The Chief of Timing and Scoring** shall be responsible for setting up and dismantling the timing equipment and event software, and entering updated or new driver information into the event file. They shall also be responsible for setting up the live timing and trouble shooting timing gear issues during the event.
 - o. **Announcer** shall be responsible to announce the run times, as well as any penalties or DNF's to each competitor as they complete their run. This position is not a requirement at all events, and can be assigned another worker position in tandem or remain unfilled for a single event if necessary.
 - p. Other work duties such as may be needed during the event, those duties will be described as necessary to fulfill the needs of the event by the Autocross Chairperson.
11. A formal Instructor/Mentor program will be implemented to determine qualified Instructors and Mentors. Instructors and mentors shall have a wristband noting their status. They shall be allowed as drivers or passengers in any car during competitive and fun runs with no penalties assigned to the driver. The instructors and mentors shall provide guidance and tips to other drivers to promote a positive and safe learning environment. Interested drivers should contact the Chief Instructor to arrange for a discussion and screening of their experience and qualifications. This may include ride alongs as both driver and instructor to assist in critiquing prospective instructors/mentors. Windy City BMW is looking for talented drivers and effective teachers with positive attitudes to help our newer drivers develop. In addition, Instructor/Mentors may allow non-

driving participants, who have signed the waiver, as passengers as an introduction to the autocross program. In addition, any driver may request an instructor/mentor to assist them. Coaching may be in-car or out-of-car.

12. No passengers shall be allowed in rear seats regardless of the number of doors of the vehicle. This is to meet insurance requirements

COMPETITION:

1. All participants must compete in their assigned group unless directed otherwise by the Autocross Chairpeople. Anyone not competing in their assigned group will have those runs considered as DNF's.
2. Competitors should not change their position within the designated run group after cars have gridded unless directed by the Grid Worker or an Event Chairperson or if a competitor has withdrawn.
3. No car can have back-to-back runs without a 3-minute cool down. An Event Chairperson may place the competitor in a different run group without any assessed penalty in order to accomplish this.
4. An entrant may register **only one car** per event.
5. You must compete in the car you registered. In the event of mechanical failure, you may compete in another registered competitor's car in your registered class with Event Chairperson's permission. Please notify the Autocross Chairperson in advance if you know you will be changing cars.
6. Pylon penalties are 2 seconds for each "down or out" pylon hit. A driver may stop, point out a cone that is completely out of the "box", which must be confirmed by the Corner Captain, and get a re-run. If the cone is not completely out of the box the clock remains running.
7. Hitting the timing gear is an automatic DNF. You will be financially responsible for any damage to the timing gear.
8. Any mediation or protests at an event shall be directed to the Event Chairpeople. The Event Chairpeople can defer to the Autocross Chairperson (or their designee) to make the decision.
9. Results for each heat will be posted after the next heat begins running. For those who just drove, you will not be able to see your times until after your work session. Please proceed to your scheduled work assignment and review the posted times during your rest period.
10. Trophies will be given to the top third of each run group, and trophies will always be

awarded to the 1st, 2nd, and 3rd place spots at events. Classes with a partial participant result when calculating top third will always round up (i.e. top third of a class with 10 participants is 3.33, therefore 4 trophies will be awarded).

11. A person may elect to compete as a novice. They will compete in their proper class based on the total classifications points. Their times will be adjusted by 99%. After one trophy (top 1/3 of class) or two (2) years of participation in an autocross program, they will no longer receive the 99% time adjustment.

PROTEST PROCEDURE:

Protests regarding a vehicle's appropriateness, safety or classification may be lodged by any competitor regardless of the class he/she is competing in. All such protests must be presented to the Event Chairperson before the end of the next rest period after the completion of the last run of the vehicle being protested or 15 minutes after the end of the event if there are no remaining rest periods, and shall state specifically the grounds for the protest. An entrant whose vehicle has been protested must remain until the protest is ruled upon. Decisions of the Event Chairpeople may be appealed to the Windy City BMW Autocross Committee, in writing, within one week of the Event Chairpeople's decision.

NO ONE IS EXEMPT FROM THESE RULES.

FINAL SEASON STANDINGS:

The final season point total for each driver will be based on the FOUR best event finishes in one class. Points do not follow you from class to class. To be eligible for year-end autocross awards, a driver must be a Windy City BMW member and have competed in at least three Windy City BMW autocross events in the same class during the season. Guests that become members earn season points for the event they participated in immediately prior to becoming a member.

Event Chairpeople will not compete in their event unless there are 3 or more chairpeople for that event. Autocross Event Chairpeople who don't compete in their event and who fall one event short of the four finishes in class will receive points equal to the average of their best two finishes in that class to bring them to the needed four events.

If a tie occurs at the end of the season, the fifth and then the sixth event results will be compared. If a tie still exists, it is a tie.

The season points will be totaled as follows:

1st	25 Points	6th	8 Points
2nd	18 Points	7th	6 Points
3rd	15 Points	8th	4 Points
4th	12 Points	9th	2 Points
5th	10 Points	10th	1 Point

1. Classes AA through D are based on modification points for the car being driven.
2. Class L, LADIES**, is open to women who do not wish to compete in the open classes. Times are adjusted according to the class of car being driven using the same PAX adjustments for FTD (see below).
3. A trophy for Fastest Time of the Day (FTD) will be awarded. The award will be given to the driver with the fastest adjusted time based on a PAX system for each of the classes. PAX will be determined by taking the average of the fastest top 3 drivers in each class (except Ladies Class) over the past 2 years. PAX for a class maybe adjusted if low participation in a particular class skews the results. New index class (I Class) participants will not be eligible for this trophy due to a different PAX basis for this class.
4. A year-end trophy based on PAX will be awarded. This will be calculated based on a time-adjusted basis as a percentage of the fastest PAX time for each event. The driver with the fastest PAX time for each event will be awarded 100 points. The remaining drivers will be awarded points equal to the winning PAX divided by their PAX time. Each driver's best 4 times for the season will be used in computing overall PAX. A driver need not compete in the same class for all events to be eligible for overall PAX points. New index class (I Class) participants will not be eligible for this trophy due to a different PAX basis for this class.

2018 WINDY CITY BMW AUTOCROSS CLASSIFICATIONS:

Classes:

- | | |
|----|---|
| AA | 65 points and up |
| A | 50 to 64 points |
| B | 35 to 49 points |
| C | 20 to 34 points |
| D | 00 to 19 points |
| E | Everything Else – Open Class for all vehicles who wish to run with no PAX adjustment (Street Tire only) |
| I | Index Class – All vehicle eligible class with PAX established individually per current year SCCA Solo classing rules. Due to a different PAX basis, participants in this class will be ineligible for event PAX FTD or year-end PAX overall awards. |
| L | Ladies (by choice) ** |

INITIAL POINTS FOR CLASSIFICATIONS:

BMW vehicle classification points are updated annually and can be found on the Autocross section of the chapter website.

ADD MODIFICATIONS POINTS AS FOLLOWS:

ENGINE POINTS

Lightened flywheel	1
Software upgrades (NA)	1
Changed camshaft (non-race)	1
Increased Boost Pressure (Mini)	1
Intake Modification (Other than Cold Air)	2
Software upgrades (Stock Turbo)	5
Turbocharger/Supercharger (Non-stock)	5
Engine Swap	Varies based on setup
1 point for every 0.5 reduction in the ratio of pounds / horsepower. Actual point value will vary, use class calculator to determine modification points.	

DRIVELINE POINTS

Changed final-drive ratio 5% - 19%	4
20% - 29%	7
30% and up	10
5 speed close ratio transmission	2
Limited slip diff 0-40% (non-standard)	3
Limited slip diff 41+% (all cars)	5

Equation for changed rear-end ratio:

$\{(new\ diff - orig\ diff) / orig\ diff\} \times 100 = \% \text{ of diff change. Example: If you had an original diff of 3.00 and changed to a 4.00 } \{(4.00 - 3.00) \text{ divided by } 3.00\} \times 100 = 33\% \text{ diff change.}$

SUSPENSION POINTS

Adjustable coil-overs	8
Adjustable shocks (per pair)	
1 Pair	2
2 Pair	4
Non-Stock springs (Lowered)	4
Sway/antiroll bar (non-stock)	
1 Bar	2
2 Bars	4
Active Roll Stabilization (ARS)	4
Front Camber plates, E36 hat swap or Crash bolts/washers	3
Rear Non-Stock Camber arms	1
Active/Quick ratio steering	2
Stress Bar	
1 Bar	0.5
2 Bars	1

WHEEL AND TIRE POINTS

Increased wheel width 1"+ or tire width 20mm or more	
1 axel	1
2 axel	2
Street Tires (Treadwear ratings 180 or more)	0
"R" Compound Tires (Treadwear less than 180)	8
"R" Compound Tires (Treadwear less than 80)	16
Hoosier Dirt Stockers / dedicated rain tires	16

CHASSIS AND BODY POINTS

Chassis stiffening (Seam Welding, bracing, roll cages, etc).	
Minor	3
Medium	6
Major	10

WEIGHT REDUCTION POINTS

Your first 3 pts are 'free' but select more than 3 and all points count!

Replacing Drivers Seat with Lightweight Seat	
Recline	1
Fix Back	2
Replacing Passenger Seat with Lightweight Seat	
Recline	1
Fix Back	2
Removed	3
Removal of Rear Seats	1
Replacing Battery with light weight version	
Car Battery	1
Non-car Battery	2
Battery relocated to trunk	1
Replacement of Doors with non-stock doors	1
Replacement of Hood with non-stock part	1
Replacement of Trunk Lid with non-stock part	0.5
Replace Roof panel with Carbon roof	1
Removal of Sunroof	2
Replacement of other Body Panels with non-stock parts	3
Replacement of Windshield with plastic	1
Replacement or removal of rear/side/door Glass with plastic	2
Removal of Stereo/Audio system including speakers	0.5
Removal of Air Conditioning System	1
Removal of Interior (Door cards, carpet, sound padding)	4