



Bluenose Autosport Club - RallyCross Challenge Rules

Effective June 25, 2020

1 – General Requirements

1.1 – A Rally Cross is an event generally held on an unpaved, flat surface, wherein the course generally consists of straight sections and connecting turns or corners. Accent in course design is also placed on the general avoidance of obstacles such as trees, exposures, deep ditches, etc.

1.2 – RallyCross events are to be insured under the organizing club's General Liability insurance policy, provided they are held on private lands.

1.3 – All persons allowed on site, shall sign the Canadian Association of Rally Sport (CARS) or Atlantic Region Motor Sports (ARMS) insurance waiver.

1.4 – Organizers reserve the right to exclude any vehicle or person from further participation in the event at any time for reasons of perceived safety concerns involving either the condition of the vehicle, or the conduct of the person.

2 – Eligibility of Competitors and vehicles

2.1 – Competitors:

a) The following documents, valid on the day(s) of the event, shall be presented at registration.

i) Driver's licence for the crew member listed as driver.

ii) Vehicle registration (if road licenced vehicle).

iii) When the owner of the vehicle is not entered as the driver or passenger, a written authorization from the owner of the vehicle.

iv) For any participant (driver or passenger) under the age of majority of the province, the CARS or ARMS Annual Parental Consent Waiver must be signed by both parents or guardians. Also the ARMS Minor Participant Waiver must be signed.

v) Membership in an ARMS affiliated club. Available at the start of the event if you are not already a member of a club.

b) Passengers (twelve or older) are permitted.

c) Competitors who arrive after the event has started will be allowed to enter at the organizers discretion. But if they are unable to present themselves at the start line ready to compete prior to the first run being completed they will be assessed a Did Not Start for run 1. They will be able to compete in runs 2, 3 and 4 but will only score 1 point towards each class and the overall championships.

- d) There will be a limit of 4 drivers per car.
- e) Driver can only register one vehicle per event.

2.2 - Vehicles

- a) Vehicles shall be based on a production, closed body and chassis to compete.
- b) All loose items in the vehicle shall be removed during the event (including from the trunk).
- c) Snap-on hubcaps, detachable fender skirts and trim rings shall be removed.
- d) Tires shall be in good condition, with no cord or belts showing or cracks in the tread or sidewalls.
- e) Mechanical condition and safety of the vehicle is the responsibility of the competitor.
- f) Narrow high centre of gravity vehicles will not be allowed.
- g) Tire studs shall be restricted to commercially available units for street tires.
- h) Studded snow tires are allowed in all classes.

2.3 – Mandatory Equipment

- a) Helmets bearing the “Snell Memorial Foundation” 2005 certification or newer certification in “SA” or “M” shall be worn by all drivers and passengers. Equivalent FIA rated helmets are also acceptable, see FIA Technical List 25 for approved helmet standards.
- b) DOT approved helmets are not acceptable.
- c) Minimum three point seat belt must be worn by drivers and passengers.
- d) The driver and passenger of a vehicle equipped with a roll cage require Snell approved SA helmets (2005 SA or newer) or equivalent FIA rated helmets and a currently valid FIA or SFI 5 or 6 point harness.

3 – Event Organization

3.1 – Authorizations and Permits.

- a) Proper authority for use of the venue must be obtained and such permissions must be available for scrutiny at registration.

3.2 – Security Measures

- a) Security measures will be in force to ensure the safety of competitors, officials and spectators (closing of the course, start and finish locations, communications, recovery, etc.)

3.3 – Course Design

- a) The course shall not exceed 3KM long.
- b) The course shall be arranged such that the maximum speed shall not exceed 80 KPH.
- c) The course shall be arranged such that it is clear of all heavy stationary objects. If this is not possible, tires, hay bales or other compressible barrier shall be used to minimize vehicle damage should contact occur.
- d) The course shall be configured in such a way as to minimize the possibility of roll over.
- e) The use of chicanes, consisting of pylons or other soft material, on straights of greater than 100M is recommended. The use of bumps or yumps to reduce speed is not permitted.
- f) Organizers reserve the right to change the course configuration at any time during the event should a portion of the course deteriorate.
- g) Marshals shall be placed so that all competing vehicles will be visible at all times while on the course.
- h) A stop box or slow down box will be used at the end of the run. A competitor will be considered a DNF if they do not stop in the stop box.

4 - COMPETITION FORMAT:

4.1 – Runs

- a) There shall be four timed runs. The number of timed runs may be adjusted to accommodate the number of entrants. Timed runs are to be completed 30 minutes prior to sunset.
- b) In order to qualify to score more than 1 point towards each class and the overall championships a competitor must at a minimum start all 4 timed runs.
- c) A Top Eliminator Challenge may be run at the end of the four timed runs. This will pair off two vehicles at a time based on their overall time from the four timed runs. They will start half a lap apart and travel in the same direction and whoever finishes one lap first will precede on to the next level of elimination. When there is only one competitor left they will be considered the Top Eliminator for the day. Byes into the next level are allowed, there may be added slow losers to eliminate Byes.
- d) Fun Runs may be available at the end of the day if time permits.

4.3 A)– Classes

- a) All Wheel Drive / 4 Wheel Drive
- b) Two (2) Wheel Drive
- c) All Wheel Drive/ 4 Wheel Drive Prepared

d) Two (2) Wheel Drive Prepared

Prepared– Including (a) Race, Performance Rally prepared vehicles .(b) vehicles with other than OEM (as the vehicle in question came from the factory) drive train (engine, transmission, rear ends, etc.) and or suspension modifications, and harness. (c) vehicles that have had parts removed that cause a weight reduction(seats, carpets, headliners, air conditioning, ABS, etc..)

4.3 B) – Championships

a) Novice (anyone competing in a season of Rally Cross for their first time).

b) Spec Yaris (anyone competing in a Yaris or similar to vehicle)

4.4 – Results

a) Any competitor who at a minimum starts 1 timed run but is unable to start all 4 timed runs will be awarded 1 point toward their class and the overall championships.

b) Class Results will be based on the cumulative total of a competitors four timed runs, with the smallest total time being considered as 1st place. Points will be allotted as follows:

50-1 st	22-9 th	13-17 th	5-25 th
40-2 nd	20-10 th	12-18 th	4-26 th
35-3 rd	19-11 th	11-19 th	3-27 th
32-4 th	18-12 th	10-20 th	2-28 th
30-5 th	17-13 th	9-21 st	1-29 th
28-6 th	16-14 th	8-22 nd	1-30 th
26-7 th	15-15 th	7-23 rd	1-31 st
24-8 th	14-16 th	6-24 th	1-32 nd

c) Overall Results will be based on the cumulative total of a competitors four timed runs, with the smallest total time being considered as 1st place. Points will be allotted as follows:

50-1 st	22-9 th	13-17 th	5-25 th
40-2 nd	20-10 th	12-18 th	4-26 th
35-3 rd	19-11 th	11-19 th	3-27 th
32-4 th	18-12 th	10-20 th	2-28 th
30-5 th	17-13 th	9-21 st	1-29 th
28-6 th	16-14 th	8-22 nd	1-30 th
26-7 th	15-15 th	7-23 rd	1-31 st
24-8 th	14-16 th	6-24 th	1-32 nd

d) Official Results will be posted on the BAC web site.

e) Official Results can be E-Mailed to those who provide an Email address when registering and request this.

f) Novice Championship is for anyone brand new to Rally Cross, and will be scored in the novice championship for their first season of Rally Cross, regardless of how many events they actually choose to participate in. Novice will include all car classing together, however participants will also be scored in their respective overall car classes as well.

g) Spec Yaris Championship is for anyone entering a Yaris, Echo, or anything else similar to, and will be scored in the Spec Yaris championship. Participants will also be scored in their respective overall car classes as well.

5 - Timing:

5.1 - Timing will be done by a handheld stopwatch with a countdown to start and a flying finish.

5.2 - Penalties

a) Pylons – a 2 second penalty for each pylon knocked out of place.

b) Off Course – will be considered a Did Not Finish and a time equal to the slowest timed run for that particular run group will be assessed.

c) Did Not Finish – Stuck and required outside assistance to get free - a time equal to the slowest timed run for that particular run group will be assessed.

d) Did Not Finish – Mechanical and required outside assistance to get off the course - a time equal to the slowest timed run for that particular run group will be assessed.

e) Did Not Finish – Stop Box – Striking any pylon in the stop box and or failure to stop in the stop box - 10 seconds will be assessed.

f) Did Not Start – no time shall be given if a competitor fails to start a run. If due to a mechanical issue a competitor is unable to start in their designated position and after notifying the Timing and Scoring people the competitor will have to the end of that particular run (run 1, 2, 3 or 4) to present themselves at the starting line. Failing to do this they will be considered DNS and receive no time.

Note: Run group for the purpose of accessing penalties will be all competitors in timed run 1 or timed run 2 or timed run 3 or timed run 4

5.3 – Re runs will be allowed under the following conditions:

a) If there is a malfunction in the timing device.

b) If during a run a competitor encounters an obstruction (large rock, deep rut, etc) on the course that could pose a severe threat to both competitors and or vehicles. The competitor will stop at the

location of the obstruction and if possible remove the obstruction and then proceed directly back to the start location at a reduced speed and explain the action taken and the reason why. If after stopping the competitor finds the obstruction cannot be removed the competitor will return directly to the start at a reduced speed and explain the situation to event officials who will then proceed to the location to assess the situation.

6 – Awards:

6.1 - For Series end Awards purposes the final results will be based on the number of events held minus one.

6.2 – To qualify for a series end award the competitor must compete in at least three events.

6.3 - To qualify for a series end award the competitor must be a full member of an ARMS member club. One day memberships do not count towards qualification for Awards.

6.4 – Class Awards

a) There shall be awards for the top three competitors in all classes.

b) For a class to qualify for Awards to be presented there must be at least three events where the class was contested.

c) These Awards are based on a competitors points awarded in all events entered, as per Rule 4.4 (b). But must comply with Rule 6.1 if all events in the Series are attended by a competitor.

6.5 – Overall Awards

a) There shall be awards for the top three competitors.

b) These Awards are based on a competitors points awarded in all events entered, as per Rule 4.4 (c). But must comply with Rule 6.1 if all events in the Series are attended by a competitor.

Update as of the June 16th2020 BAC executive meeting