

KWRC Humberstone Rallycross #5 2020 Supplementary Regulations

Supplementary Regulations

KWRC Rallycross #5 (A, B, & C) 2020

October 17 & 18, 2020

Port Colborne, Humberstone Speedway



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*KWRC Humberstone Rallycross #5 2020 Supplementary Regulations***Name of Event**

2020 KWRC RallyCross #5 (Four events; Saturday morning 5A, Saturday Afternoon 5B, Sunday morning 5C & Sunday afternoon 5D)

Description of the events

Saturday's Rallycrosses will be the standard format with competitors completing one timed lap at a time, hopefully with seven laps per competitor.

Sunday morning, RC 5C will be a slightly different format in that we plan to have competitors do more than one lap at a time, probably two. The course layout will have no crossings so from the start you do a lap and continue into the second lap, at the end of the second lap you exit through the stop box and your time is taken. We should still be able to have two or three cars on track at the same time with a decent gap between them.

Rallycross 5D will be another test of out head to head concept, where competitors start facing each other separated by a barrier. More or less mirror image courses are run by each car finishing at opposite ends of the track. The competitors then return to the start in the opposite lane and do the other course. The score is the addition of the two times to even out any differences in the two routes. We expect the courses to be about 30 seconds long. It's visually appealing since spectators can see the relative progress of both cars.

If you enter event 5C you are automatically entered into 5D with no extra cost, but you are not required to run in the event if you don't want to.

Since we don't have a championship this year we are using the extra day to try out and refine the new formats. There is no guarantee we will use these formats again; that will depend on the feedback we get from the competitors.

Organizing Committee

Organizing Club	Kitchener Waterloo Rally Club
Organizer	Martin Loveridge
Registrar	Christina Thomlinson rally.christina@gmail.com
Scoring	Darin Mayes
Competitor Relations Officer (CRO)	Martin Loveridge
Clerks of the Course	Greg Niemialkowski , Vasu Nyapati, Jeff Lantz & Eric Vanderwal

Jurisdiction

Rallycrosses are held under the 2020 Rallycross Rules and Regulations (RCRRs) and National Rally Regulation (NRRs) of the Canadian Association of Rallysport (CARS) and any subsequent bulletins. These [rules](#) are available through the CARS website www.carsrally.ca

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Rallycross headquarters will be located within Humberstone Speedway. Address as follows:

1716 Main St E,
Port Colborne, ON
L3K 5V3

<https://goo.gl/maps/LLbx6CZcJbv>

GPS 42.898846, -79.200793

Any changes to location will be announced through the event's web page and to the registered entrants of the event.

Permits and permissions will be obtained. At no time during the event will a competing vehicle use public roads. Organizers ask that vehicles coming to or leaving the venue at any time be driven in a responsible manner. Practicing on public roads or any violations of the CARS Code of Conduct **will not be tolerated and may result in exclusion** from the event. Penalties could be applied against offenders regarding entry in all CARS sanctioned events. The organizers also reserve the right to expel any offenders from the event.

Competition Area

All lands inside the track fence shall be considered competition area.

Up to 100 spectators are allowed by to Covid-19 regulations

The course shall be marked with caution tape, pylons, arrows, tires or barrels as required.

Schedule

Thursday September 17, , 7:00AM	Online Registration Opens
Thursday October 15, 12:00PM, or when the event if full	Online Registration Closes

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RC#5A Saturday Morning, October 17	
9h00 – 9h30	Technical Inspection
9h00	Event Registration Opens, Parking Lot
9h30	Event Registration Closes, Parking Lot
9h30	Competitors Meeting, Parking Lot
9:00	1 pass Recce for driver, after you have registered
	SS1 for first drivers to start after competitors meeting & recce
Approx. 12h30	RC5A ends

RC#5B Saturday Afternoon, October 17	
12h00 – 12h30	Technical Inspection
12h00	Event Registration Opens, Parking Lot
12h30	Event Registration Closes, Parking Lot
12h45	Competitors Meeting, Parking Lot
12h45	1 pass Recce for driver, after you have registered
13h00	SS1 for first drivers to start after competitors meeting & recce
Approx. 15h30	RC5B ends

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RC#5C Sunday Morning, October 18	
9h00 – 9h30	Technical Inspection
9h00	Event Registration Opens, Parking Lot
9h30	Event Registration Closes, Parking Lot
9h30	Competitors Meeting, Parking Lot
9:00	1 pass Recce for driver, after you have registered
	SS1 for first drivers to start after competitors meeting & recce
Approx. 12h30	RC5C ends

RC#5D Sunday Afternoon, October 18	
12h30	Track setup, everybody helps
12h45	Competitors Meeting, Parking Lot
13h00	1 pass Recce for driver, after you have registered
13h15	SS1 for first two drivers
Approx. 15h30	RC5D ends, please help with cleanup.

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Rallycross Classes

2wd	Any two-wheel drive passenger car
4wdN	Any Naturally Aspirated four-wheel drive passenger car
4wdF	Any Forced Induction four-wheel drive passenger car
Class D	An overlay class. To be eligible the combined ages of the car and driver must equal or exceed 85.

A vehicle may be shared by competitors each with their own entry. See the details of sharing a car with someone you don't live with if that applies to you. (Page 9)

SUVs and pickup trucks with a high centre of gravity will not be eligible to compete in this event.
Convertibles without rollover protection are not allowed

Organizers may grant permission for competitors to change vehicles between runs provided this does not reflect a change in class. Proper disinfection practices may make this impractical depending on circumstances.

Entry

Pre Registration will be done via MotorSportReg.com (MSR). If you are unable to complete the registration on MSR send email to martinl@htl.net and we may enter the data for you.

[RallyCross 5A Registration](#)

[RallyCross 5B Registration](#)

[Rallycross 5C Registration](#)

A maximum of ~15 entries per event will be allowed, after that a wait list will be formed. We'll do our best to get you running in the time slot you prefer. You must be a member of a CARS affiliated club to enter. A driver could enter more than one of the events but if we fill up with unique entries we will make it priority to get everybody a chance to run.

Fees:

Competitor	Fee	Registration and Payment
KWRC member	\$85.00	Credit Card: MotorSportReg.com Interac: martinl@htl.net
Other CARS club member	\$100.00	Credit Card: MotorSportReg.com Interac: martinl@htl.net

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We prefer that you enter through MotorSportReg.com, however we can take Interac transfers to martinl@htl.net. Our Covid-19 protocols prevent us taking cash or cheques.

Fee Includes:

Entry for one Driver
All associated levies and event insurance

Important:

An entry is not complete until the fee has been paid. We will not actually charge your credit card until about two days before the event.

Withdrawal or Cancellation

Withdrawals without penalty can be made until the start of the event. With Covid-19, if you are not feeling well on the day of the event we don't want you to think you have to come or loose your entry fee. If you need to cancel at any time prior to the start of the event just let us know and you'll get a full refund. If you are the second driver in a car and the car breaks before you get a run we will give you a refund. If we have to cancel for weather or any other reason we will inform all competitors as soon as possible. 100% of fees will be refunded in this case.

The Humberstone course is mainly a clay base and if it's wet it can be unusable. We watch the upcoming weather carefully and if there is a lot of rain in the days before the event we'll cancel and notify everybody as soon as possible.

Technical Inspection

Cars may be inspected before the event. With Covid-19 our technical staff will not be entering your car but may inspect from a distance with the competitor showing items like belts and tires.

As per CARS NRR 21.6.1 a Technical Inspection Self Declaration must be filled out prior to the event. The Google form is [here](#) or the printable form can be found at [here](#). We prefer you use the Google form. . Technical inspection will focus on the following:

SEATS AND SEAT BELTS

The material of seatbelts must be in a good condition. The buckles have to work freely

HELMETS

Helmets bearing "Snell Memorial Foundation" M2000 or SA2000 (or more recent) labels must be worn by all drivers, co-drivers and passengers. Helmets must be in good visible condition, with no visible defects or damage.

Personnel in cars with cages or partial cages will be required to use a Snell SA2000 helmet or newer. Occupants must wear helmets conforming with: (Rallysprint Rules) CARS NRR 28.3.3 (a) and must have roll cage padding complying with CARS NRR 12.3.2.6 CARS bulletin 2017-03 (#4 Amended) clarifies that you need a SA rated helmet and at least five point harnesses

https://carsrally.ca/wp-content/uploads/2015/09/CARS-2019_Electronic_English.pdf

We will not have loaner helmets available; people will need to bring their own.

*KWRC Humberstone Rallycross #5 2020 Supplementary Regulations***WHEELS**

At our final event for 2018 three cars had wheels come off during competition. They were all steel wheels; in one case the wheel pulled over the lug nuts, in another the wheel centre stayed on the car but the wheel broke around the circumference of the rotor.

Loose wheels can be a danger to workers and others around the field. Please check that your lug nuts are of the correct type for the wheel and are properly torqued. Consider checking the torques part way through the day. Have a close look at the wheels for any signs of cracks or damage.

Any loose items have to be removed from the car or safely secured by means of appropriate straps. When lined up to start the course for the first SS, the Technical Inspector or delegate may inspect your car for helmet compliance and to make sure the car is emptied of all loose items. Random checks may happen through the day.

Championship

With the Covid-19 issues we've decided not to make this event part of our championship. We're restricting the entry to CARS club members and don't want people to feel pressure to attend. If you feel sick or are concerned about virus transmission from others this event won't affect series points.

Safety Equipment

The following safety equipment will be on site at all times and placed at an easily visible and accessible location:

- Fire extinguishers
- Comprehensive First Aid Kit.
- A vehicle equipped with a tow rope will be available.
- Hand Sanitizers
- Disinfectant Wipes
- Disposable gloves

Competitive Runs & Timing

Competing vehicles shall be timed on the course one at a time.

No car shall start its run if another vehicle is on course in a position that could result in contact between them.

A competitive run shall commence from a standing start. A countdown shall be used in all cases. Electronic Timing will be used via digital display at Start and Finish. The display will be counting down and a Competitor will start their run when the display says "GO" and flashes Green. In unusual circumstances, we may have to use manual stopwatches. When timing with a stopwatch, the timing will begin when the marshal says "Go". We expect to use Darin's electronic timing system which posts results immediately to <http://kwrc.blither.net>

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A competitive run shall end when the competing vehicle crosses a flying finish line marked by a red flying finish board. A short distance after the flying finish will be a "Stop Box" which will be about twice the length of a car. You must have your car slowed to a reasonable speed (~10Km/Hr) and under control by the end of the stop box, but you don't have to come to a complete stop. Failing to comply with the intent of the stop box could endanger workers and will incur a minimum of a 20 second penalty. Serious violations could be penalized by exclusion.

Results will be determined by the cumulative times recorded for each run. An incomplete or missed run will be scored at 3 minutes or longer depending on the course layout and track conditions.

Competitors are expected to line up in their start order 5 minutes before their expected start time and are expected to run within 3 car numbers of their start order or will be classified as a DNS. If the competitor informs the organizers that they will be unable start at their designated position, an exemption from the above may be granted, but the event will not be delayed and the affected competitor may miss their run.

Competitors must obey all marshals!

If you withdraw during the event please notify scoring.

If a large red "STOP" sign or waved red flag is shown to a competitor during a competitive run, competitors are to stop immediately. When instructed by the marshal, proceed to the finish at **SLOW** speed. The competitor will then be allowed to re-start their competitive run. Any practice or excessive speed during this time will result in the competitor being excluded from the run and listed as a DNF.

All runs will be scored and we are trying for at least six runs. Since this is not part of the championship we're not worried about adding more runs if we have time. We will score the best of N-1 runs, so hopefully at least five of six

Car Sharing

In these special circumstances car sharing will be limited to two people if they are not living together. Since the car will need to be disinfected between drivers we'll have driver #1 do the runs in one session, clean and air out the car and have driver #2 do their runs in the other session.. We'll score this as two different events.

It's not ideal in terms of having the same conditions for both drivers, but a concession we need to make.

Penalties

A penalty of 20 Seconds will be added to a competitor's score if the competitor:

- Is deemed to have gone off course (Short cutting). Running over cones marking the inside of a corner could be interpreted as short cutting.
- Has a stop box violation. One minute for second offence, disqualification for a third offence
- Jumping the start
- Hitting a device such as cones, hay bales, barrels or tires marking a chicane or protecting fixed objects, hitting fixed objects.

A penalty ranging from 10 seconds to exclusion may be applied to all the competitors using the offending vehicle for the following:

- Actions detrimental to the sport or code of conduct violations
- Speeding or drifting in the parking lot, driveways, non-competition areas, service area or during recce.
- Actions that endanger workers or spectators.

Alcohol and Drugs

The possession of alcoholic beverages while on the track property is strictly prohibited. Any person suspected of being impaired by drugs or alcohol will be removed from the property immediately.

General Safety Rules and Regulations

Rallycross is intended for, but not restricted to, street legal, licensed passenger cars. All vehicles must be in a good state of repair and be in good mechanical condition. Particular attention will be paid to brakes, exhaust and bodywork. Vehicles do not need to be licensed or insured.

Windows in the driver and passenger side doors must be rolled up during completion. Window safety nets may be used in lieu of having windows rolled up during competition. Refer to CARS NRR 12.3.9.3 for recommended installation.

There are no restrictions on tires other than **studs are not permitted**.

Exhaust systems must be of sound condition and are subject to CARS NRR Section 12.4.4. Monitoring of sound levels may be conducted. **Anti-lag and Launch control systems may not be used**.

Batteries must be securely mounted using metal to metal mounts. If mounted in the passenger compartment, the battery must be contained inside a covered non-conductive box. (CARS NRR Section 12.3.7).

Nitrous Oxide systems are not permitted. Stock fuel tanks are allowed. Any other type of fuel tank is subject to CARS NRR 12.3.11.2 through 6.

Seat mountings, other than in the stock locations, must be securely mounted to the chassis of the vehicle in a manner to prevent movement in case of an accident.

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VEHICLES WITH ROLL CAGES:

Occupants must wear helmets conforming with: (Rallysprint Rules) CARS NRR 29.3.3 (a) and must have roll cage padding complying with CARS NRR 12.3.2.6 CARS bulletin 2017-03 (#4 Amended) clarifies that you need a SA rated helmet and at least five point harnesses

Notes

- Covid-19 regulations allow up to 100 spectators at racing events, and you are allowed a small service crew.
- The will have porta potties and we will endeavor to disinfect them regularly.
- We will not be providing lunch or drinks, you need to bring your own
- Please bring your own mask, gloves and hand sanitizer. We will have some supplies at the track.

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Appendix A

Note: you do not need to fill out and print this form if you use the Google form, and we prefer you use the [Google Form](#).

KWRC RallyCross Vehicle Technical Self Declaration



KWRC is committed to running safe and fun events. One part of safety is the vehicle being used and we want you to fill out this form as it will prompt you to check these items. Something as simple as a wheel coming off could have disastrous results for you and our workers.

Signing this form attests that the vehicle is safe and suitable for competition. Event officials can check these and any other aspects of the vehicle or drivers for safe operation at any time.

Name of Event: _____ **Date:** _____ **Vehicle Number(s):** _____

Name of Driver(s)	Signatures:
1. _____	_____
2. _____	_____
3. _____	_____

Item	OK
Helmet (SA or M 2000 or newer) (Cars with no cage)	
Seat Belts in working order	
No Loose Items inside vehicle cabin	
Battery tie down tight and battery secured	
Wheel nuts torqued to specifications & wheels in good condition	
Vehicle has all body panels securely in place and sharp edges are covered	

Appendix B

Note: if you fill out the self declaration above you have acknowledged that you have read and understand this appendix, you don't need to print and sign it.

[Google Form](#)

Covid 19 Considerations

The Covid-19 Pandemic has changed a lot of things in our lives and the sport of rally has to adapt. We've instituted the following procedures and guidelines to help keep you and your fellow club members as safe as possible. Please read them, sign and date at the bottom and drop this form in the paperwork box at registration.

Our intention is to meet or exceed the intent of government rules and guidelines on Covid-19. This being an outdoor event with no need for close interaction, the risks are a bit lower but still significant. This is new to all of us so we'll need to work together to operate under these constraints. We may need to make changes to our plans as things progress; that is the main reason for keeping this event to only members of a CARS affiliated club..

We will have a supply of hand sanitizer, disinfectant wipes and disposable gloves but everybody is encouraged to bring their own. We will not supply food or drinks, you should also bring your own supplies.

This event is for fun and figuring out how to run an event under the "new normal". We're limiting it to club members so we know everybody and can get feedback of what works and what doesn't.

Rules for everybody

- If you feel unwell, please don't attend the event.
- Use hand sanitizer frequently and disposable gloves when needed
- Wear a face mask whenever you are likely to be in contact with people, especially in the service area and around registration. We will have a supply of masks but please bring your own if you have them. These can be simple cloth masks, they don't need to be N95.
- Maintain the 2 meter social distancing rules.
- We will not be issuing wristbands for this event. We all know each other.
- As per provincial regulations, up to 100 spectators are allowed.

*KWRC Humberstone Rallycross #5 2020 Supplementary Regulations***For Competitors**

- [Use the Google Forms where possible.](#) Print and sign any other paperwork at home. Show the forms to the registrar from a safe distance and state that they are your signatures, and then drop the paperwork in the bin provided. This will include the waivers, vehicle self declaration and this form. Please print the provided car number blanks and attach them to your car with your own tape. You can fill in the numbers with your own magic marker.
- All entries will be by MSR or Interact, no cash.
- Park service vehicles at least 2 meters apart.
- If you are sharing a car with someone you don't live with we'll run the drivers in different sessions. If driver #1 breaks the car and it can't be fixed we'll give a refund to the other driver(s)
- Only one person in the car at a time unless you live together.
- Sharing of helmets is prohibited except between family members. We will not have loaner helmets available.
- We will have recce before each session. Ideally we will run 15 cars in each of the Saturday and Sunday sessions. The distribution of entries will determine the actual split. The four sessions will be scored independently.
- If you are not competing in one session consider helping with the marshalling or flagging. Let us know if you can do that and we will be able to reduce the number of people we need on site.
- Provincial regulations allow up to 100 spectators but you are also allowed a small service crew, up to five people per car. Please keep that to a minimum, less people means less exposure.
- We're not providing food or drink, please bring your own.
- If you need a tow off the course let the tow vehicle operator attach & detach the strap to the tow point you use. Have the tow point visible. We're avoiding multiple people touching the strap.
- Awards will be an emailed certificate you can print at home. Here again, minimizing contact is the goal. We may make up some plaques for the class winners after the weekend.
- This event will not score points in our Rallycross series. We want to minimize the pressure to attend.
- Only members as of a CARS affiliated club can enter. A maximum of 50 competitors spread over the three events.

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For workers

- Wear facemasks unless you are separated from everybody, i.e at a flagging station. Please bring your own but we will have a supply if you need one.
- Please print and sign the waiver at home, then show it at registration and deposit it in the bin provided.
- We have a larger supply of flags so they don't have to be shared amongst workers. We'll have disinfectant wipes if needed.
- The reflective vests are washed and clean. After you pick one up at registration, keep it, it's yours. Put your name on it and bring it to the next event you work.
- Radio's will be sanitized and put in plastic bags. At the end of the day place the radio in the bin provided and we'll clean them for the next event. If you have your own handheld then please bring it. We'll try to have enough radios that you don't need to share.

I have read and agree to abide by these measures. (no need if you submit the Google form)

Signed

Printed Name

Date
