

# Detroit Region SCCA RallyCross Supplemental Regulations

## GENERAL INFORMATION

The Detroit Region SCCA® RallyCross® Championship series will be run according to the SCCA RallyCross National Rules as shown on the SCCA website at SCCA.com.

We will traditionally have two sessions of competition, a morning session and an afternoon session, with course changes between sessions. Certain events may also have a night session with a test & tune session in the morning.

Competitors will be separated into four run groups. Run groups will be comprised of complete car classes and to have roughly the same number of drivers.

The following SCCA RallyCross classes are recognized by Detroit Region SCCA:

- Stock Rear Wheel Drive (SR)
- Stock Front Wheel Drive (SF)
- Stock All Wheel Drive (SA)
- Prepared Rear Wheel Drive (PR)
- Prepared Front Wheel Drive (PF)
- Prepared All Wheel Drive (PA)
- Modified Rear Wheel Drive (MR)
- Modified Front Wheel Drive (MF)
- Modified All Wheel Drive (MA)
- Exhibition (X)

Exhibition (X) class may be used when more than 2 drivers are sharing a car and the driver cannot move up a class, or if 2 drivers wish to be in different groups. X class cars are not eligible for event trophies or season points.

## TYPICAL EVENT SCHEDULE

- Course setup begins: 8AM
- Registration & Tech opens: 9AM
- Registration & Tech close: 10 AM
- Mandatory Driver's meeting: 10:30 AM
- First car off: 11 AM
- Finish and cleanup: 5:00 PM
- Trophy Presentation: 5:30 PM

## LICENSEING

A competitor must possess a valid driver's license or driving permit and present it at registration. Permit or restricted licenses are permitted according to SCCA National RallyCross rules. If a driving permit requires a parent/legal guardian, that person or an approved instructor must be present in the vehicle during all parade and competition runs.

## DRIVER/PASSENGER REQUIREMENTS

A competitor must be a minimum of 16 years old and those under 18 must have an SCCA minor waiver. Passengers must be 12 years old or 57" tall with a properly sized helmet. All passengers must sign the event waiver. Competitors must be SCCA Members. SCCA Weekend Memberships will be available at registration at a cost of \$15.00.

Each occupant of a competition vehicle must be an SCCA member. If they are not a member, they must fill out the weekend membership form which is available from the registrar. If the occupant is a passenger, there is no fee for the weekend membership.

## VEHICLE RESTRICTIONS

Competitor vehicles must be at least as wide as they are tall. The vehicle's width is determined by measuring the distance between the outermost portion of each tire. The width must be greater than height measured to top of roof on both axles. Vehicles that appear to pose a rollover risk may be disqualified at the discretion of a safety steward, event chairperson, or program director.

**Midsize or larger pickup trucks, SUVs, CUVs and Jeep Wranglers are not permitted for competition.**

Compact pickup trucks and small/compact SUVs/CUVs will be permitted subject to approval by a tech inspector, event chairman and RallyCross director. Permitted trucks, CUVs and SUVs must be stock ride height or lower.

Studded tires (including tires with DOT studs) are not permitted.

## ENTRIES PER CAR

There will be a maximum of two drivers per car per run group.

## TECHNICAL INSPECTION AND HELMETS

Competitor vehicles will be inspected to verify that they are in proper working order and safe for competition use. Items to be inspected may include but are not limited to:

- compliant numbers
- seat belts
- seats
- brakes
- wheel bearings
- ball joints
- lug nuts
- throttle return
- battery tie-down
- steering

Vehicles with major fluid leaks will not be permitted.

Helmets must be Snell 2005 or newer (M2005 or SA2005) or equivalent. Loaner helmets are available.

A tech inspector, event chairperson, or RallyCross director reserves the right to refuse any that does not meet these requirements.

Appropriate tires (I.E. winter tires with sufficient tread for snowy/muddy events) are strongly recommend for all competition vehicles.

## CAR NUMBERS

Competitors will choose a one, two or, three-digit number at registration. Numbers are to be clearly displayed on each side of the car. **Compliant numbers must be applied to receive a tech sticker.** Numbers should be at least 8" high and of a contrasting color. Class letterings are also recommended and should be approximately 4" high and of a contrasting color. 2-driver cars should have a fast and effective method for changing numbers.

## TIMING

Our events will be electronically timed with pneumatic hose triggers at start and finish. Times are reported and recorded to the thousandth of a second. If there is a failure in the timing process, which prevents the accurate recording of a competitor's time, a rerun will be granted. Alternate timing methods may be implemented in the event of a systematic timing failure, at the discretion of the event chairperson.

## SCORING

Each driver will be scored on their total accumulated time including penalties.

If a competitor fails to start or complete a run, they will be given a "max" time. A max time will be scored as 125% of fastest time in that class for that run. Max times will also be given to competitors who fail to finish faster than the target max time.

## PENALTIES

- A 2 second penalty will be charged for each upright cone knocked down or displaced from its box including cones after the finish
- A 10 second penalty will be charged for missing a gate or driving around a cone the wrong way
- In the case of a DNF, a Max time will be given for that run
- Drivers are responsible for ensuring they receive the correct number of runs. Any runs not taken will be forfeited and scored as max times

## RED FLAGS

A vehicle may be red flagged on course if it is suffering a mechanical failure, a tire de-bead, or if it is catching another vehicle on course. If your vehicle is red flagged on course, bring it to a stop in a safe controlled manner and await instructions from the corner worker. Competitors who were on course at the time of the red flag who were not the cause of the flag will receive a rerun.

## MECHANICAL FAILURES

One (1) 10-minute break (referred to as a "mechanical") may be taken per event per driver to make necessary repairs. Drivers taking a mechanical must notify the grid chief immediately. Another vehicle may be substituted for vehicles not able to be repaired; provided it has passed tech inspection and meets class rules.

If a vehicle is unable to safely complete the course during competition and is red flagged due to a mechanical failure, a rerun may be granted at the discretion of the event chairperson and/or acting Safety Steward if the vehicle is repaired within the 10-minute mechanical.

## TIRE DE-BEADS

If a competitor de-beads a tire during a run, they will be red flagged and given a max time for that run. A competitor may take a mechanical to change their de-beaded tire and return to grid to resume their runs. If the competitor does not return to grid before their 10-minute mechanical expires, they forfeit the remainder of their runs for that run group.

## PARADE LAPS

All competitors will be given a parade lap at the start of their morning run group. A parade lap will not be scored as a competition run, but any cones hit during a parade lap will be counted in a competitor's score. Missed gates will not be counted. Competitors will also be given a parade lap for their afternoon run group if the course has been significantly altered.

Parade laps are intended to be representative of competition speeds. It is the driver's responsibility to maintain a safe distance to the preceding car during a parade lap and maintain control of their vehicle. Under certain conditions, a "national-style" parade lap may be given for minor course changes or to clean the racing surface.

## TWO-DRIVER CARS

Two-driver cars will take their runs in the following order: 1st driver takes half of their runs, followed by 2nd driver taking all of their runs, followed by the 1st driver taking the remainder of their runs.

## CHAMPIONSHIP POINTS

The Championship is open to SCCA members only. Members from SCCA Regions other than Detroit will be included. Points will be awarded based on finishing position in each class. Non-SCCA members will be assigned points but will not be eligible for year-end trophies. If a competitor becomes an SCCA member before the last scheduled event of the championship, points from all prior events will be counted.

Points may be accumulated in more than one class over the course of the year, but only points in the most-attended class of that driver will count towards the championship.

Points will be accumulated as follows:

1st	12
2nd	9
3rd	7
4th	5
5th	3
6th	2
7 <sup>th</sup> +	1

The number of events that count towards the championship will be determined by 60% of the total number of events rounded to the nearest integer:

- Best 7 of 12 events
- Best 7 of 11 events
- Best 6 of 10 events
- Best 5 of 9 events

To be eligible for a year-end trophy, competitors must have accumulated at least half as many scored points as the class leader competitors and attended at least 40% of the total number of events rounded to the nearest integer. Working an event without competing is considered attending the event.

In case of a year-end tie in a given class, the lowest elapsed time combined from the events attended by all tied competitors will determine the winner.

If a tie still exists, the competitor with the least penalties of the tied competitors that attended for same events will determine the winner.

## THAYER 2WD CHALLENGE

\*updated rules TBA\*