

SOUTHERN ONTARIO SLOT RACING (2019) CLASSES and RULES PACKAGE V1.3

(This Document is intended for Home Track Racing Clubs in Southern Ontario as a base line for General Rules and Classes)

Please feel free to circulate and share this with any track owners or clubs that may find these rules and classes helpful.

Inclusive Rules

These are inclusive rules. As long as the **Definitions, Clarifications** and **Basic Requirements** are met, if it doesn't say it, you can. Please ask your Club Director if you are unsure about anything.

Upon the first overall win by any car, it may be opened, documented, photographed and made available to anyone to benefit from the tweaks therein. The owner of a car found to be outside of these rules will either be asked to repair the infraction before the car is entered or it may be allowed to run if agreed upon by those in attendance. Depending on the nature of the infraction the car may be disqualified from obtaining a podium position by the Host or Race Organizer.

Definitions:

Stock Class: Includes - Nascar, Group C/IMSA, Group 5, Carrera Can-Am, Carrera GT/DTM

- Original parts that came with the slot car, or identical replacement from the original manufacturer including but not limited to Body, Interior, Chassis, Glass, Wheels, Gears, Motor, Guide, Bushings.
- Material from stock chassis, rear bushing mounts, bodies, body posts, windows and interiors cannot be removed in any way, other than slight sanding of the chassis to allow body float and light reaming of the original bushing holders to properly fit bronze bushings if allowed and the removal of assembly tabs on body to allow re-assembly of their attached components to correct poor fit.
- Motors must remain stock and untampered with and identification labels affixed in stock classes.
- Ride Height may not be altered in any way. No Pod lifting or Bushing Raising techniques allowed.

Modified Class: Includes - Trans-Am, Euro Trucks, Classic LeMans, Modern F1, Scaley GT Modified

- Original parts that came with the slot car, or identical replacement from the original manufacturer including but not limited to Body, Interior, Chassis, Glass, Wheels, Gears, Motor, Guide, Bushings.
- Material from stock chassis, rear bushing mounts, bodies, body posts, windows and interiors cannot be removed in any way, other than slight sanding of the chassis to allow body float and light reaming of the original bushing holders to properly fit bronze bushings if allowed and the removal of assembly tabs on body to allow re-assembly of their attached components to correct poor fit.
- Motors must remain stock and untampered with and identification labels affixed in stock classes.
- Ride Height may not be altered in any way. No Pod lifting or Bushing Raising techniques allowed.
- Wheels, Inserts, Gears, Axles, Bushings, Guides can be replaced with appropriate aftermarket parts suitable to the class, year, make and model of the car. See specific class notes for any restrictions including motor size, gear ratios, tire diameter, body and overall width.

Open Class: Includes – GC25, CLM22, 3LTLM, LMP, GT, DP, Sportscars

- Plastic Body and Chassis suitable for designated class – See class for specific model years.
- Chassis' may be braced or stiffened and bushings and bushing carriers can be altered to raise or lower the ride height to suit. Offset pods may be used and motor sizes and configurations are only limited to the parameters named within in a set class.
- Wheels, Inserts, Gears, Axles, Bushings, Guides can be replaced with appropriate aftermarket parts suitable to the class, year, make and model of the car. See specific class notes for any restrictions including motor size, gear ratios, tire diameter, body and overall width.

Unlimited Class: Classic Stock Car, 50GP, 60GP, 60-3LTGP, 70GP, Can Am, Hot Rod

- Plastic Body and Plastic or Brass Chassis suitable for designated class – See class for specific model types and years.
- Chassis' may be braced or stiffened and bushings and bushing carriers can be altered to raise or lower the ride height to suit. Offset pods may be used and motor sizes and configurations are only limited to the parameters named in a set class.- Wheels, Inserts, Gears, Axles, Bushings, Guides can be replaced with appropriate aftermarket parts suitable to the class, year, make and model of the car. See specific class notes for any restrictions including motor size, gear ratios, tire diameter, body and overall width.

SOUTHERN ONTARIO SLOT RACING (2019) CLASSES and RULES PACKAGE V1.3

(This Document is intended for Home Track Racing Clubs in Southern Ontario as a base line for General Rules and Classes)
Please feel free to circulate and share this with any track owners or clubs that may find these rules and classes helpful.

Clarifications:

- No lexan or other 'clear' bodies are permitted.
- Lexan interiors must be properly painted and detailed.
- All cars must have racing numbers and decaling affixed.
- Cars must start any race with appropriate inserts.
- Weight may be used but must be securely attached above the level of the bottom of the chassis.
- All rear tires must be Urethane. (See General Tire Rule below)
- Only water or saliva may be used to clean tires
- Both front tires must touch the track and be seen to rotate as the car circulates the track; If applicable, front axle holes on a stock chassis can be enlarged to allow both front wheels to touch the track.
- In all full bodied classes (with the exception of Hot Rods) tires must be covered by the body or fenders when viewed from above. If stock wheels protrude beyond the body, their hubs may be filed/sanded to reduce their width.
- Any car dragging gears or other parts at any time or leaking fluid, may be removed from the track.
- **Slow Motors** include: BWA BWNC1 or Ninco NC1, Ninco NC8 or BWA BWMS050 or Vanski FF050 or M/T Racing M/T-1 motor; (any motor testing below the tested specifications of the motors above on <http://slotcarnews.blogspot.ca/2007/02/slot-car-news-motor-list.html> may be used should the supply of popular motors above dry up or be discontinued). Check with your club director first.

Basic Requirements:

Urethane Tires Only!

- Tires need to be CURRENTLY Available for Sale (2019) Brands only, NO EXCEPTIONS
- Preferred Brands – Darts, Paul Gage, KK Racing (**Old Ortmann's were NEVER permitted**)

Controllers

- Members are encouraged to use their own controllers at tracks that allow this.

Magnets

- Members are now encouraged to remove magnets whenever possible. This is not mandatory, but a track in the rotation has magnetic paint. As this is optional, please be advised all podium cars will be scrutinized at this venue. Just take them out whenever possible, thank you.

SOUTHERN ONTARIO SLOT RACING (2019) CLASSES and RULES PACKAGE V1.3

(This Document is intended for Home Track Racing Clubs in Southern Ontario as a base line for General Rules and Classes)
Please feel free to circulate and share this with any track owners or clubs that may find these rules and classes helpful.

CLASSES

Any of these classes may be run as individual classes or in combination with any other class that has similar performance or setup, depending on how any Host or Organizer sees fit.

NC - NASCAR (Scalextric) (Stock Class)

- Eligible Models: Scalextric Sidewinder NASCAR (Car of Yesterday or Car of Tomorrow);
- Stock - Body, Interior, Chassis, Glass, Wheels, Gears, Motor, Guide, Bushings

GCI - Group 'C' & IMSA (Stock Class)

- Eligible Models: Slot.It Group 'C' & 'IMSA' liveries/body styles;
- Stock Slot.it Body, Interior, Chassis, Pod, Motor (orange or white endbell), Guide, Plastic Front and Alloy Rear Wheels, Axles, Bushings
- Gear ratio 9/28
- Minimum overall weight of 80gm

G5 - Group 5 (Stock Class)

- **Eligible Models: Any Stock Racer Sideways Group 5 car;**
- **Stock - Body, Interior, Chassis, Motor Pod (May be Stiffened), Glass, Wheels, Gears (11:28), Flat 6 Motor with Yellow Wrapper affixed, Guide, Zero Offset Bushing Holders and Bushings.**
- Minimum overall weight of 84gm

Carrera Can-Am (Stock Class)

- Eligible Models: Stock Carrera Can-Am;
- Stock body, **Interior**, chassis, motor, wheels, guide, gears.

Carrera GT / DTM (Stock Class)

- Eligible Models: Stock Carrera GT / DTM cars;
- Stock body, **Interior**, chassis, motor, wheels, guide, gears

TA - Trans Am (Modified Class)

- Eligible Models: Scalextric **Sidewinder** Trans Am (Mustangs, Camaros, Challengers & Cougars); and Pioneer Trans Am (Mustangs & Camaros);
- Stock - Body, Interior, Chassis, Glass, Motor appropriate to model
- Minimum overall weight – 85gm
- Gear ratio 11/36

ET - Euro Truck Class (Modified Class)

- Eligible Models: Fly inline trucks;
- Stock - Body, Interior, Chassis, Glass, Motor (Blue and White Fly Label) Gear Ratio 9/27
- Maximum tire diameter - 25mm
- Maximum tire(s) width – 18mm
- Minimum weight 125gm

CLM - Classic Le Mans (Modified Class)

- Eligible Models: Scalextric, Fly, SRC, **sidewinder** 'prototype' cars which competed at Le Mans between 1965 through 1970;
- Stock - Body, Interior, Plastic Chassis, Glass appropriate to model
- Motor must be a Stock 18,000 rpm Scalextric, Fly or SRC S-Can;
- Minimum overall weight of 80g;
- Gear ratio – 11/36

Scaly GT Modified (Modified Class)

- Eligible Models: Any Production Based Scalextric GT car - i.e. Trans Am, GT LeMans
- Stock – S-Can Motor, Body, Interior, Chassis. (In-Line or Sidewinder)

SOUTHERN ONTARIO SLOT RACING (2019) CLASSES and RULES PACKAGE V1.3

(This Document is intended for Home Track Racing Clubs in Southern Ontario as a base line for General Rules and Classes)
Please feel free to circulate and share this with any track owners or clubs that may find these rules and classes helpful.

F1 - Modern (Modified Class)

- Eligible Models: Any Plastic modern (2000 and newer) Scalextric F1 car.
- **Stock** - Body (complete with wings, winglets and cockpit/driver detail), motor, chassis (may be stiffened), front wheels
- Gear ratio 3:1
- **Motor FF050 Scalextric, or Scalextric S-Can**
- Minimum wheel diameter – 12mm
- Maximum tire diameter – 21mm
- Maximum overall width – 58mm

Group 'C' & IMSA (Open Class)

- Eligible Models: Any Group 'C' & 'IMSA' liveries/body styles from any manufacturer;
- Chassis - Plastic
- Pod - Sidewinder or In-Line Only (No Angle Winder set ups)
- Motors – S-Can or Slimline Only Max. RPM 25K. (No High Torque, Long Can/Flat 6/King Motors)

CLM22 - Classic Le Mans 22K (Open Class)

- Eligible Models: Any manufacturers **Sidewinder** 'prototype' cars which competed at Le Mans between 1965 through 1970. Brands Include but are not limited to - Slot.It, NSR, Thunderslot, Fly, SRC, Scalextric, Monogram, **Policar**, Spirit.....
- Stock - Body, Interior, Plastic Chassis (May be Stiffened), Glass, appropriate to model
- Motor must be a Stock S-Can 22,000 rpm or lower Slot.It, NSR, MR Slotcar, **Thunderslot**, Piranha.....

3LTLM – 3Litre Classic Le Mans 72 thru 77 (Open Cockpit) (Open Class)

- Eligible Models: Any manufacturer's open cockpit 72 thru 77 3.0LT LeMans 'prototype' cars (as raced with Headlights)
- Stock - Body, Interior, Plastic Chassis (May be Stiffened), Glass appropriate to model
- Motor and Configuration – Any up to 25K

RC – Rally (Open Class)

- Eligible Models: Any manufacturer's Rally Car body (as raced with Fog Lights and Co Driver)
- Chassis - Plastic Chassis (May be Stiffened), Glass appropriate to model
- Motor and Configuration – Any up to 22K

LMP - Le Mans Prototypes (Open Class)

- Body (1995 or newer) era car that competed at Le Mans with interior and detailed driver
- Chassis – plastic (May be Stiffened)
- Motor and Configuration – Any

GT – Modern Le Mans GT Cars (Open Class)

- Body (1995 or newer) era car that competed at Le Mans with interior and detailed driver
- Chassis – plastic (May be Stiffened)
- Motor and Configuration – Any

DP – Daytona Prototype 2003 – 2016 (Open Class)

- **Any Manufactures Body (2003 - 2016) that competed in the Rolex Sports Car Series or IMSA TUDOR United SportsCar Championship with interior and detailed driver.**
- Chassis – plastic (May be Stiffened)
- **Motors – S-Can or Slimline Only Max. RPM 25K. (No High Torque, Long Can/Flat 6/King Motors)**

SP – Sportscars (Open Class)

- Eligible Models: Any 50's or 60's era sportscar (production or prototype)
- Chassis - Any plastic inline chassis without a floating motor pod (Ninco screw in pod exempted);
- Motor - Slow; (See Slow Motor list above in Clarifications)
- Maximum body width - 57mm
- Minimum overall weight – 75g

SOUTHERN ONTARIO SLOT RACING (2019) CLASSES and RULES PACKAGE V1.3

(This Document is intended for Home Track Racing Clubs in Southern Ontario as a base line for General Rules and Classes)

Please feel free to circulate and share this with any track owners or clubs that may find these rules and classes helpful.

CSC - Classic Stock Car Class (Unlimited Class)

- Eligible Models: Any manufacturer provided the model represents a hardtop stock car which competed in the 1960's (plus or minus 3 years).
- Bodies must contain a hard clear plastic front windshield, rear window and all quarter windows (driver and passenger door windows may be removed);
- Motor – BWNC1 Only
- Minimum weight – 100g

50GP – 1950-1959 Grand Prix (Unlimited Class)

- Eligible Models: Any manufacturer provided the model represents a Grand Prix car which competed between 1950 and 1959. Predominantly Front Engine cars with a few exceptions
- Motor – Slow; (See Slow Motor list above in Clarifications)
- Minimum wheel diameter -14mm
- Maximum rear tire height/width – 22/7mm
- Overall maximum width of 50.8mm (2 Inches)

60GP – 1960-1966 Grand Prix (Unlimited Class)

- Eligible Models: Any manufacturer provided the model represents a Grand Prix car which competed between 1960 and 1966. (1.5 or 3.0 Litre)
- Motor - Slow; (See Slow Motor list above in Clarifications)
- Minimum wheel diameter -14mm
- Maximum rear tire height/width – 22/7mm
- Overall maximum width of 50.8mm (2 Inches)

60-3LTGP – 1966-1969 Grand Prix (Unlimited Class)

- Eligible Models: Any manufacturer provided the model represents a Grand Prix car which competed between 1966 and 1969 (3.0 litre)
- Stock – Scalextric FF050 motor or Fly / Flyslot FF050 motor
- Gear ratio 3:1
- Maximum tire diameter – 22mm
- Maximum rear wheel width – 16mm
- Maximum overall width - 60mm

70GP – 1970-1980 Grand Prix (Unlimited Class)

- Eligible Models: Any manufacturer provided the model represents a Grand Prix car which competed between 1970 and 1980.
- Stock – Scalextric FF050 motor or Fly / Flyslot FF050 motor, Policar F1 DFV Slim-Can (This may only be used in the Policar Pod. It is not permitted in a scratch build Fly or Scaley model)
- Gear ratio 3:1 (Fly/Scalextric) 2.951:1 (Policar)
- Maximum tire diameter – 22mm
- Maximum rear wheel width – 16mm
- Maximum overall width - 68.5mm

CAN-AM / USRRC Class (Unlimited Class)

- Eligible Models: Any manufacturer provided the model represents a car which ran at a USRRC (+2litre) or CAN AM races between 1963 through 1974.

HR - Hot Rod Class (Unlimited Class)

- Any manufacturer with or without fenders – Model Years 1901 thru 1959;
- Motor - BWMS050 in an inline configuration
- Maximum tire width – 6mm
- Maximum overall width of front and rear rolling assemblies is 51mm. Bodies/fenders may be wider;

