

Irwindale Speedway 2019 Junior Late Model Rules

This is a fourteen race series in 2019, the dates for the 2019 season are April 13 – May 11 - June 8 - July 13 - August 10 – September 14 – October 12. We will have open practice on Friday evening 5pm-9pm and run a 50 lap race at 9pm. Then on Saturday there will be practice and qualifying with a 50 lap main event. All races will be ran on the 1/3rd mile track.

Driver eligibility;

- 1- Drivers must have prior racing experience and each driver must present a racing resume for approval.
- 2- Drivers must be no younger than 10 and no older than 16 years of age. Drivers that turn 16 during the season and have already begun the championship are eligible to continue for the remainder of that season.
- 3- The parent or legal guardian of a driver must sign the minor's release.

Irwindale Speedway Junior Late Model Series Rules

1. Any late model type chassis allowed / Body type is open. There is a 48" maximum front overhang measured from the axle measured to the forward most part of the car, ABC nose piece firmly recommended (note, any car that does not run an ABC style nose will be on a zero contact policy). There is a 55" maximum rear overhang measured from the rear axle to the rearward most part of the race car body/bumper/spoiler (nothing may extend beyond 55"). Note; If rear bumper rail is exposed, it must be rounded where it meets the quarter panels so that it has no square edges and it must turn back in behind the rear tires and connect to back to the frame. The bumper must extend to the rear of the car even with the spoiler, or extend beyond the spoiler of the car. Maximum rear quarter panel height is 36 ". Maximum rear width of the body at bumper height is 72". The window opening on the driver's side must be a minimum of 13" at the center of the door to the roof. Minimum wheel base is 101". Ride height rule; all cars must be able to get on and off the inspection scales without the use of any extra ramps or boards and the car must not drag on the scales.

2. Any cast iron block wet sump engine allowed.

3. The engine set-back rule is 2" back (the center of the forward most spark plug hole to the center of the upper ball joint on the same side) on the all non-602 crate engines. Maximum engine set-back for the 602 crate engine is 6" measured the same way.

4. Weight / 602 cars are to be 2875lbs total weight with maximum 60% left side weight. All other cars are to be 3075lbs with maximum 58% left side weight. 602 engines must remain OEM as they came from the factory. All cars must run a 6,000 rpm chip; this includes 602, and the open engine in the Jr. Late Model Series.

5. Restrictors / You may run any four barrel or a 4412 500cfm two barrel carburetor. All cars must run a Keyser 1/2" governor plate part number 100 12600 with the 1.000 inserts/restrictors in them. The part # for the inserts is 100 126100.

Note, if you run a four barrel carburetor the only spacer allowed is the 1/2" Keyser plate. If you run a two barrel you are allowed a basic two barrel to four barrel adapter above the 1/2" Keyser plate. If you run a 2 barrel carburetor with a 2 barrel intake you are allowed to build your own restrictor plate with two 1.000 holes in the plate, and with a max material thickness of 1/2" plus a spacer above the restrictor.

6. Tires are the Hoosier 8.0-15/970 treaded tire. Tires MAY NOT be cut, soaked or altered in any way.

7. Wheels must be steel and not exceed 8" in width.

8. Competitors must start on the tires they qualified with.

9. Any steel shock, all external parts must be steel (Aluminum rod end on the shaft end ok, and an aluminum thread in body cap on the shaft end is ok)

10. No traction control devices.

11. All competing cars will not exceed 79" inch track width; it will be measured from the bulge outside to outside of the front tires at the spindle height. No independent rear suspension.

12. Rear Spoiler size is to be 60" x 6 1/2" tall and no less than 70 degrees. There may be NO forward support of any kind, no boxed ends or runners. No Gurney lip or any type of wicker bill on the upper edge of the spoiler. . It is highly, highly recommended that the Upper 2/3's of the spoiler and the rear window of the car be made of CLEAR lexan to enable other drivers to see through them.

13. All cars must run the track spec fuel, the track spec fuel is Sunoco 110 Purple race fuel, Teams may also run stock Chevron 91 octane pump fuel with NO additives and NO mixing of fuels. These are the only fuels that are legal, no exceptions.

14. NO carbon fiber drive shafts allowed.

Note, the following infractions will result in a firm penalty which could include a LIFETIME ban from the series.

A. Being caught with traction control.

B. Bypassing the RPM limiting control device in any way.

C. Altering the 602 crate engine under the seals in any way that is non OEM. (you may run aftermarket valve springs but they must be the same spring pressures as OEM, you may run any carburetor, you may run an aftermarket OEM replacement distributor, you must run a mechanical fuel pump in the stock location, and you must run the stock oil pan and stock harmonic balancer).

D. Altering the Hoosier 970 tire, such as soaking the tire, or cutting the tire. Tires be a stock 970 tire.

E. If you are caught cheating the fuel in any way, the Sunoco fuel must be stock, and must not have ANY additives whatsoever.

Illegal components may be confiscated by Irwindale Speedway and become property of the speedway.

Race Procedures; (note, we use the Irwindale Speedway track rules except where noted different on this page.

Irwindale Speedway Junior Late Model Race Procedures

- Start and Restarts: All Starts and restarts will be double file unless we deem it necessary to go single file. The Leader may choose the outside or inside line after the initial start of the race. Start Zone cones are located in Turn 4. Once the lights are out, you must line up double file with the Leader a fender ahead of the second place car. Keep a reasonable pace to the Start Zone and do not accelerate till you are within it. Watch the Flagman for the Green Flag. No brake checking. No Passing/Pulling out of line prior to reaching the Start/Finish line. The front row will be given 2 attempts to start or restart the race. If they fail to, they will be penalized to the second row. The criteria for the start that the flagman is looking for is as follows; 1- The leader has set a reasonable pace. 2- The leader has a slight lead. 3- The leader initiates the start within the Start Zone.

- Caution Flag Procedures: When the Caution Flag is displayed, you are to slow down in a safe manner and proceed with caution back to the start /finish line single file. No Racing or Passing. Stay in Line. Violators are subject to penalty. Your restart position will be the position you were in the previous completed lap unless you are deemed to be involved in the incident that brought out or led to the yellow flag being displayed. If you are directed by Race Control to correct your on-track position, you must do so within 2 laps or you will be penalized 1 lap and will no longer be eligible for a Lucky Dog. If you are involved in an incident causing a caution flag you will be sent to the rear of the field. Caution Flag laps may be counted if we deem necessary.

- The highest running non lead lap car will be awarded the lucky dog free pass at each caution period.

- Involvement: If you are deemed to be the cause of an incident or involved with it, you will be placed to the very rear of the Field. Cars may be parked if charged with causing 3 on track incidents. Rough driving will not be tolerated as well as any retaliation. Depending on the incident, you may be parked, issued a fine, and penalized.

- Lap Down Cars: All lap down cars will be moved to the rear on all restarts. There will be a Lucky Dog on every yellow flag giving one driver the least amount of laps down, one lap back and putting them to the very rear of the field unless the eligible car was involved in the yellow flag incident.

- Blue Flag; Blue flag means move over, the leaders are coming. Follow the Flagman's direction and move to the bottom of the Race Track. Make sure you hold your line. Use hand signals to notify Drivers of your intentions
- Black Flag: Black flag pointed at you is a warning in regards to your actions on the track. If it is displayed, you must go to the pits within 3 laps
- Red Flag: Red flag means stop in a safe manner and follow Track Officials directions. Only Cars in the Hot Pits may be worked on.
- Hot Pits: If you enter the Pits for any reason you will restart at the rear of the Field.
- Tires: Cars must start and finish the Main Event with the same tires they qualified with. Any tire changes after Qualifying must be approved. Driver will start at the rear field and tires will be subject to impound by Race Control

1. The main event line-up will be set by a card draw; all in the top ten will draw for their starting spot.
2. Teams can work on their race cars all the way up until the green flag of the first 50 lap segment without penalty, or position loss.
3. If a car is worked on after the green flag has been thrown the car must re-enter the race at the rear of the field.
4. Championship points are awarded for the main event with 50 points going to the race winner, 48 for second, 46 for third and so on...
5. All races are 50 laps.
6. Safety will be firmly enforced, make sure your equipment is up to speed. Charged Fire System Mandatory. Head and Neck Restraint System mandatory. Belts, window net, and Helmets must be in perfect condition and up to date. All Drivers must wear SFI rated suit, gloves, and shoes. SFI undergarments are mandatory.
7. All cars must run a transponder mounted 12" behind the rear axle.