

Autobahn Member Racing League

Autobahn Kart Racing Series



The Autobahn Member Racing League is proud to offer the Autobahn Kart Racing Series. This series is open to a wide variety of kart and engine combinations with several classes focused on the Ignite chassis with the Briggs LO206 sealed 4 stroke motor. Classes can be modified as needed based on participation.

The Kart Racing Series is intended to be an fun and competitive racing option for kids and adults. It is a great way to gain experience and work your way up the racing ladder, or to hone your skills for other racing levels. Many of the top professionals in motorsports have started in kart racing and continue to be active in this great form of motorsports.

Classes

Kid Kart

Age: 5-8 years old
Chassis: Open (Margay Wildcat)
Engine: 50cc Honda GXH50 or Comer only
Exhaust: Stock
Tire: Bridgestone 4.5/4.5 YDS
Weight: 150 lbs

Ignite Classes

BRIGGS ROOKIE

Age: 8-12 years old
Chassis: Open (Ignite K2)
Engine: Briggs LO206 ([download rules](#))
Engine Slide: Red, **Briggs carb locking clamp must be in place with cap fully tightened at all times.**
Exhaust: RLV 5507 or 5506
Tire: Bridgestone YDS 4.5/4.5
Weight: 250 lbs

BRIGGS JUNIOR

Age: 12-15 years old
Chassis: Open (Ignite K3)
Engine: Briggs LO206 ([download rules](#))
Slide: Yellow, **Briggs carb locking clamp must be in place with cap fully tightened at all times.**
Exhaust: RLV 5507 or 5506

Tire: Bridgestone YDS 4.5/6.0
Weight: 320 lbs

BRIGGS SENIOR

Age: 15+ years old
Chassis: Open (Ignite K3)
Engine: Briggs LO206 ([download rules](#))
Slide: Black
Exhaust: RLV 5507 or 5506
Tire: Bridgestone YDS 4.5/6.0 or YDS 4.5/7.1
Weight: 375 lbs

Open Class

This class is intended as an option to the other classes listed. Any chassis/engine combination is eligible. If a particular chassis/engine combination shows consistent participation of 4 or more entrants this group can be run as their own class with specific rules established as needed.

Age: 16+ years old
Chassis: Open
Engine: Open
Fuel: Open
Exhaust: Open
Tire: Open
Bodywork: CIK plastics
Weight: 375lbs

These rules and classes mirror established regional and national classes meaning a purchase of these karts allows you to run, not only with us, but at other tracks without any major changes.

Participation Requirements

AGE RULE

Ages are determined by the age a driver will attain for that given season. If a driver ages out of a class before the start of the season, they are required to move up to the older class option. If a driver will attain an age into an older class during the course of a season, they may choose to stay in their current class, or move up to the older class. Once a driver has raced in a class, they may not move back to a younger class.

SAFETY GEAR

HELMET

Full faced, Snell or SFI approved helmets only. Snell M rated helmets are acceptable.

NECK COLLAR

Neck collars are recommended for all classes.

SUIT, GLOVES AND SHOES

Full coverage, abrasion resistant karting suit is strongly recommended. Abrasion resistant jackets are acceptable when worn with full-length jeans. Jeans must not have large visible holes. Closed fingered gloves are required. High top, racing style shoes are strongly recommended. No open toed shoes or sandals are allowed.

CHEST PROTECTOR

SFI approved chest protections are recommended for all Ignite Rookie (ages 8-12) participants.

NOTE: Safety gear compliance for gloves, shoes, jeans and jackets are at the discretion of the race director.

Technical Requirements

Bodywork Regulations

NOTE: Bodywork that comes apart from its original mounting location during the course of a race is subject to penalty or disqualification at the discretion of the race director.

NUMBERS

Numbers must be reserved in advance with the Race Director. No duplicate numbers within a class will be allowed.

FRONT BUMPER

Front bumpers must be CIK homologated. Full body nose cones are not allowed. Front bumper must be secured at all time. No lead may be bolted on the plastic.

FRONT PANEL

The front panels must be CIK homologated and may not extend above the top of the steering wheel. Numbers must be clearly visible to the race director. No lead may be bolted on the plastic.

SIDE PODS AND NERF BARS

Both side pods and nerf bars must be CIK homologated. Side pods may not extend inside the vertical plane of the rear tires by more than 1". No lead may be bolted on the plastic. Nerf bars must remain secured in at least one mounting location per side.

REAR BUMPER

Rear bumpers must be CIK homologated and plastic in composition. The rear bumper must mount off of or inside the left and right frame rails. No lead may be bolted on the plastic. Rear bumper must be secured using locking nuts.

FLOOR PAN

Floor pan must be manufactured from aluminum and may not extend beyond the center cross member or outside the main frame rails. Full length floor pans are not allowed.

ENGINE REGULATIONS

BRIGGS LO206 REGULATIONS

The Ignite series will run the Briggs LO206 senior engine package for all classes. The Ignite series will utilize the standard Briggs LO206 engine rules. The LO206 rules package can be viewed here –<http://www.briggsandstratton.com/engines-racing/racing-engines/karting/local-option-206/>

The Ignite series will utilize the following slides:

Ignite Rookie (ages 8-12): Red (part #302333)

Ignite Junior (ages 12-15): Yellow (part #302341)

Ignite Senior (ages 15+): Black (part #302328)

NOTE: Any alteration of the slides will result in immediate disqualification.

FUEL

Fuel must be purchased at the track. Fuel may be checked post-race without advanced notice. No additives are allowed.

OIL

Recommended crankcase oil is 5w30 synthetic, however any oil may be used as long as it does not contain oxygenators. No additives or oxygenators allowed. Oil may be tested for the presence of oxygenators.

CLUTCH

The Ignite series will utilize the Hilliard Flame clutch (part #304200). The use of alternate Hilliard springs and weights is approved. All components must remain in factory stock condition and cannot be modified.

The Ignite series will utilize the following front sprockets:

Ignite Rookie (ages 8-12): 17t (part #305317)

Ignite Junior (ages 12-15): 17t (part #305317)

Ignite Senior (ages 15+): 17t (part #305317)

NOTE: Any alteration or modification will result in immediate disqualification.

SPROCKETS

Sprockets must be 2-piece aluminum sprockets (part #235072) and must be #35 pitch. No skip tooth sprockets are allowed. Any rear tooth sprocket is legal.

CHAIN

Only #35 pitch chains are allowed. #219 pitch chains are not allowed.

TIRE REGULATIONS

Bridgestone YDS compound tires are mandated for all classes unless otherwise noted. Mandated sizes for Ignite classes are:

Rookie: Front 4.5/10.0-5 YDS, Rear 4.5/10.0-5 YDS

Junior: Front 4.5/10.0-5 YDS, Rear 6.0/11.0-5 YDS

Senior: Front 4.5/10.0-5 YDS, Rear 7.1/11.0-5 YDS

ANY ALTERING OF THE MANDATED BRIDGESTONE YDS TIRE THROUGH PREPPING, DOPING, CHEMICAL TREATING OR CUTTING IS EXPRESSLY FORBIDDEN. ANY COMPETITOR FOUND TO BE ALTERING THE TIRE OR ATTEMPTING TO ALTER THE TIRE FROM THE AS SUPPLIED CONDITION WILL BE IMMEDIATELY DISQUALIFIED.

Tire warming blankets, hotboxes or other warming devices are prohibited.

Events

Events shall consist of practice and qualifying sessions leading into multiple heat races and a feature race. Points will be accumulated from each event results. At the conclusion of the season a champion shall be named for each class. A minimum number of participants may be required to determine a champion.