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100 – CLASS REGULATIONS

100.10 - CLASS STRUCTURE

IGNITE ROOKIE

Age: 8-12 years old

Chassis: Ignite K2

Engine: Briggs LO206

Slide: Red (#302333)

Tire: Bridgestone 4.5/4.5 YDS

Bodywork: CIK plastics

Weight: 250lb*

IGNITE JUNIOR

Age: 12-15 years old

Chassis: Ignite K3

Engine: Briggs LO206

Slide: Yellow (#302341)

Tire: Bridgestone 4.5/6.0 YDS

Bodywork: CIK plastics

Weight: 300lb*

IGNITE SENIOR

Age: 15+ years old

Chassis: Ignite K3

Engine: Briggs LO206

Slide: Black (#302328)

Tire: Bridgestone 4.5/7.1 YDS

Bodywork: CIK plastics

Weight: 350lb*

IGNITE MASTERS

Age: 35+ years old

Chassis: Ignite K3

Engine: Briggs LO206

Slide: Black (#302328)

Tire: Bridgestone 4.5/7.1 YDS

Bodywork: CIK plastics

Weight: 360lb*

***NOTE: Weights are subject to change at the discretion of the race director throughout the season.**

100.20 – 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.

200 – IGNITE K2 REGULATIONS

200.10 – IGNITE K2 CHASSIS

The Ignite K2 chassis is to be utilized in the Ignite Rookie (ages 8-12) class. No external modifications may be made to the chassis: permanent seat struts, added or subtracting standard bars and equipment, etc. The frame must remain as it was issued from the factory. Magnesium or carbon components are not allowed.

200.20 – SPINDLES

The Ignite K2 will utilize a 17mm spindle manufactured by Margay Racing (part #465538 and #466538). External front hubs are not allowed.

200.30 – AXLES & COMPONENTS

The Ignite K2 utilizes a 30mm diameter rear axle that is 1000mm in length. Different axles can be used achieve desired handling characteristics. Axles must remain 1000mm in length. No magnesium components are allowed. Ceramic bearings are not allowed.

200.40 - BRAKES

Braking system must remain as provided by the factory. The Ignite K2 is equipped with a MCP Cast master cylinder (part #7130), a MCP MiniLite rear caliper (part #71357) and braided brake line set (part #71995). Brake rotors must remain fixed - no floating systems are allowed.

200.50 – WHEELS

The Ignite K2 utilizes a DWT AlumiLite direct spindle mount 5" x 135mm front wheel (part #75329) and a DWT AlumiLite 5" x 5.125" euro mount rear wheel (part #75405). Wheels must remain as provided by the factory. Ceramic bearings are not allowed.

200.60 – SEAT

The Ignite K2 utilizes a G-Seat fiberglass shell seat. Seat manufactures can vary, but seats must remain fiberglass. No carbon or plastic seats are allowed. No laydown style seats are allowed.

300 – IGNITE K3 REGULATIONS

300.10 – IGNITE K3 CHASSIS

The Ignite K3 chassis is to be utilized in the Ignite Junior (ages 12-15), Ignite Senior (ages 15+) and Ignite Masters (ages 35+). No external modifications may be made to the chassis: permanent seat struts, added or subtracting standard bars and equipment, etc. The frame must remain as it was issued from the factory. Magnesium or carbon components are not allowed.

300.20 – SPINDLES

The Ignite K3 will utilize a 17mm spindle manufactured by Margay Racing (part #465538 and #466538). External front hubs are not allowed.

300.30 – AXLES & COMPONENTS

The Ignite K3 utilizes a 40mm diameter rear axle that is 1040mm in length. Different axles can be used achieve desired handling characteristics. Axles must remain 1040mm in length. No magnesium components are allowed. Ceramic bearings are not allowed.

300.40 - BRAKES

Braking system must remain as provided by the factory. The Ignite K3 is equipped with a MCP Cast master cylinder (part #7130), a MCP Cast rear caliper (part #7135) and two independent braided brake lines (part #71990/#71991). Brake rotors must remain fixed - no floating systems are allowed.

300.50 – WHEELS

The Ignite K3 utilizes a DWT AlumiLite direct spindle mount 5" x 135mm front wheel (part #75329). The Ignite Junior class will utilize a DWT AlumiLite 5" x 6.5" euro mount wheel (part #75425) and the Ignite Senior and Masters will utilize a DWT AlumiLite 5" x 7.75" euro mount wheel. Wheels must remain as provided by the factory. Ceramic bearings are not allowed.

300.60 – SEAT

The Ignite K3 utilizes a G-Seat fiberglass shell seat. Seat manufactures can vary, but seats must remain fiberglass. No carbon or plastic seats are allowed. No laydown style seats are allowed.

400 – 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.

400.10 – FRONT SPOILER

Front bumpers must be CIK homologated. Full body nose cones are not allowed. Front bumper must be secured at all times using two quick release latches. No lead may be bolted on the plastic.

400.20 – FRONT PANEL

The front panels must be CIK homologated and may not extend above the top of the steering wheel. Only black numbers on a white background are allowed. Numbers must be clearly visible to the race director. No lead may be bolted on the plastic.

400.30 – SIDE PODS & NERF BARS

Both side pods and nerf bars must be CIK homologated. Only black numbers on a white background are allowed. Numbers must be located near the rear of the pod along the vertical surface. 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.

400.40 – 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.

400.50 – FLOOR PANS

Floor pans 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.

500 – ENGINE REGULATIONS

500.10 – BRIGGS LO206 REGULATIONS

The Ignite series will run the Briggs LO206 senior engine package (part #302000) for all classes. The Ignite series will utilize the standard Briggs LO206 engine rules. The 2015 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)

Ignite Masters (ages 35+): Black (part #302328)

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

500.20 – ENGINE CLAIMING

At the race director's discretion, the track may 'claim' a competitor's engine at any time. The track will supply the competitor with a new, factory sealed engine in direct exchange for the competitor's 'as raced' engine. If the competitor fails to comply with the claim request, the competitor will be excluded from participating for one year and will forfeit all points acquired to date.

500.30 – FUEL

Fuel will be specified by the track and can range from 87-94 octane. Fuel will be checked with the Digatron meter post-race. Other testing methods may be utilized without notice. No additives are allowed.



2015 IGNITE SERIES RULE BOOK

500.40 – 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 sniff tested for the presence of oxygenators.

500.50 – 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)

Ignite Masters (ages 35+): 17t (part #305317)

NOTE: Any alteration or modification can result in disqualification.

500.60 – 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.

500.70 – CHAIN

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

600 – TIRE REGULATIONS

600.10 – TIRE STRUCTURE

Bridgestone YDS compound tires are mandated for all classes. Mandated sizes 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

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

600.20 – TREATING & ADDITIVES

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, EJECTED FROM THE FACILITY, BANNED FROM THE FACILITY FOR THE PERIOD OF ONE YEAR AND WILL FORFEIT ALL SERIES POINTS. NO REFUNDS WILL BE GIVEN FOR PREPAID ENTRIES. POSSESSION OF TIRE PREP, DOPING COMPOUNDS OR OTHER TIRE TREATMENTS IS CAUSE FOR EXPULSION AND BANNING FROM THE PREMISES. WE WANT TO BE VERY CLEAR THAT TIRE ALTERING OF ANY KIND IS EXPRESSLY FORBIDDEN AND WILL NOT BE TOLERATED UNDER ANY CIRCUMSTANCES.

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

On-Track Tire Warming is prohibited. On-track tire warming may result in driver penalties.

700 – SAFETY GEAR REGULATIONS

700.10 – HELMET

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

700.20 – NECK COLLAR

Neck collars are required for all classes. EVS R4 (#3390x) or EVS R2 (#3393x) are recommended.

700.30 – SUIT, GLOVES AND SHOES

Full coverage, abrasion resistant karting suit is strongly recommended. Abrasion resistant karting 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.

700.40 – CHEST PROTECTOR

SFI approved chest protections are required for all Ignite Rookie (ages 8-12) participants. Armadillo chest protector (part #09992x) is recommended.

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

800 – SUPPLEMENTAL REGULATIONS

800.10 – RADIOS

The use of radios to communicate with drivers while on track is prohibited. Use of radios may result in disqualification.

800.20 – DATA AQUISITION

The use of on board data acquisition systems such as the MyChron 4 are allowed. GPS and mapping units are allowed. Telemetry systems are prohibited.

NOTE: Supplemental rules may be added throughout the course of the season.