

2020 MICRO SPRINT GENERAL KART REQUIREMENTS

READ CAREFULLY

REMEMBER KEEP IT IN COMPLIANCE AND HAVE FUN!

In the spirit of equalizing competition, adjustments may be made as becomes necessary.

RULES FOR ALL KARTS

6.0 Frames must be of kart configuration.

6.1.1 Not to exceed 90 inches in overall length. (NO EXCEPTIONS)

6.1.2 Not to exceed 350 pounds including a full tank of gas.

6.1.3 Uppermost part of kart and wing not to exceed 81 inches.

6.2 Tires must be approved race tires only.

6.2.1 Wheels not to exceed 6 inches in diameter,

6.2.2 Four tires and wheels are required in traditional locations.

6.2.3 No axle protrusion is allowed beyond any wheel rim.

6.2.4 No axle slipper devices, drive axle must remain solid to drive both rear wheels.

6.3 No Suspension.

6.4 Cages are Mandatory.

6.4.1 Minimum standard for roll cage (tubing thickness) in ALL classes is 7/8 inch (0.063 chrome-moly) or 1 inch (0.083 steel).

6.4.2 ALL vertical cage bars MUST be connected by a horizontal bar at front and rear of the uppermost part of the cage.

6.4.3 Halos are highly recommended.

6.4.4 The roll cage MUST be securely fastened with a safety chain or Grade 5 Bolts (or better) in at least 4 spots.

6.4.5 The driver's body MUST be completely inside the roll cage.

6.4.6 The roll cage height MUST produce a minimum 2 inch clearance above the driver's helmet and the bottom plane of the lowest point of the upper roll bar.

6.4.7 Door bars are required. An opening door bar MUST hinge from the front.

6.4.8 Left side protection is recommended.

6.5 No bars (including nerf bars) shall extend out past the outer edge of tires on either side of the kart.

6.5.1 All nerf bars and bumpers must be on and securely fastened for any kart to compete.

6.5.2 No front end "cow catchers" allowed.

6.5.3 NO TITANIUM or OTHER EXOTIC MATERIALS ALLOWED ON ANY KART.

6.6 Wing side boards MUST NOT protrude to a distance not to exceed 3 inches from the outer most edge of the kart.

6.6.1 Maximum overall wing length not to exceed 48 inches.

6.6.2 Minimum center section of 32 inches x 32 inches.

6.6.3 32 inches x 12 inches minimum wing side panels.

6.6.4 No sharp edges or exposed bolts allowed on wings.

6.6.5 Remote wing adjusters are allowed.

6.6.6 NO nose wings.

6.6.7 Karts are not allowed to compete without a top wing or side boards unless involved or damaged in a wreck in that evenings events. Hood and tail piece are also mandatory in all classes.

6.7 Bodies can be fiberglass; aluminum; or lexan.

6.7.1 NO SHARP EDGES or PROTRUDING PARTS on any part of the kart.

6.8 All karts must display numbers on both the right and left side of the wing.

6.8.1 Numbers MUST is a minimum of 12 inches in height.

6.8.2 A number of equal sizes are recommended on the center section of the wing.

6.8.3 There must be a number at least 6 inches high visible from the right front and rear of the kart.

6.8.4 All numbers must be displayed on contrasting background.

6.8.5 Duplicate numbers should be avoided in all classes.

6.8.6 Karts with numbers that are smaller or difficult to read may not be scored.

6.9 All karts MUST have a floor pan extending from the front of the seat to the pedals.

6.9.1 The floor pan MUST be a minimum 0.090 thick aluminum.

6.9.2 The floor pan MUST be attached with bolts.

6.10 No part of the kart may obscure the driver's vision.

6.11 All karts MUST have a solid rear axle.

6.11.1 No ratcheting hubs or other mechanical means of unlocking one wheel on the rear axle are allowed.

6.12 All exhaust system components MUST be contained inside the profile of the kart.

6.13 All add on weight MUST be painted white with the kart number clearly visible in a contrasting color.

6.13.1 All added weight MUST be securely bolted to the chassis or seat of the kart using bolts or U-bolts with lock washers or locking nuts.

6.13.2 Any kart losing a weight during a race will be scored last in that event.

6.14 All karts MUST have a rear hydraulic brake in good working condition.

6.15 Make sure that carburetor jetting and your fuel mixture is correct to avoid excessive smoking from the exhaust.

6.15.1 Excessive smoking may result in a black flag.

6.16 All karts MUST have a MANDATORY "Kill Switch" within the drivers reach.

6.16.1 All karts MUST also have a 6 inch nylon tie wrap attached to a spark plug wire.

6.17 Recommend installing fuel tank inside the cage.

6.17.1 If the tank is outboard mounted, the fuel tanks MUST have metal protection (particularly in the fuel petcock area).

6.17.2 Fuel tank vent lines MUST have a check valve.

6.18 Fuel line MUST be petroleum grade quality.

6.18.1 Fuel line MUST have ample slack for cage movement.

6.18.2 Fuel line MUST not be run above the exhaust system.

6.18.3 Fuel line cannot be located closer than 2 inches from any exhaust system component without additional protection at any time.

6.18.4 Gas testing will be done. Gas must be bought at Styres gas bar the day of the race, Must be premium gas.

6.19 Chain guards are MANDATORY.

6.19.1-If you do not have a chain guard you will NOT race.

6.20 Aluminum HIGH BACK seats are MANDATORY.

6.20.1 - The seat MUST be securely mounted to the frame.

6.20.2 - The seat should not contain excessive holes

6.21 ALL karts MUST have an approved five point racing seat belts.

6.21.1 Shoulder belts MUST be mounted so as to restrict both upper and forward motion independently of the seat.

6.21.2 Lap seat belts MUST be mounted to the frame or a seat belt loop manufactured into the frame and remain independent from the seat.

6.21.3 Cut, frayed or damaged seat belts WILL NOT be allowed.

THIS ENTIRE RULE WILL BE STRONGLY ENFORCED.

6.21.4 *Seat belts more than 3 years old are subject to technical approval.*

6.22 The following driver's equipment is MANDATORY anytime the driver is in the kart with the engine running.

6.22.1 A minimum SFI-1 Racing Suit; gloves; arm restraints;

6.22.2 Arm restraints MUST be attached to the lap belt or steering column and worn below the elbows. HANDS ARE NOT TO BE ABLE TO EXTEND OUTSIDE THE ROLL CAGE.

6.22.3 A SFI-1 neck restraint is Mandatory if a HANS device is not utilized. If a HANS device is being used, then the neck restraint becomes optional although it remains highly recommended.

6.22.4 SFI approved drivers shoes are recommended.

6.23 Helmets are MANDATORY anytime the kart is in motion.

6.23.1 Minimum Helmet requirements are DOT; SFI; or SNELL approved equipment.

6.23.2 The manufactures sanctioning body stickers (DOT/SFI/SNELL) MUST remain on the helmet and the helmet MUST be deemed to be in EXCELLENT condition. PLEASE BUY THE BEST HELMET YOU CAN AFFORD.

6.23.3 The helmet MUST fit the drivers head properly.

6.23.4 Helmet restraint systems such as the HANS or LEATT devices are HIGHLY RECOMMENDED.

ALL karts will be required to have in their pits a fire extinguisher capable of extinguishing gas and oil fires. This is to be visible to officials and all crewmembers. All crewmembers must be made aware of its location, and knowledgeable in the use of the fire extinguisher.

EXPECT RANDOM INSPECTIONS AT ANY TIME. SEALS and BORE & STROKE WILL BE CHECKED SEVERAL TIMES DURING THE SEASON. BE PREPARED TO DISASSEMBLE OR REMOVE YOUR ENGINE FOR INSPECTION.

7 TECHNICAL INSPECTION

7.1 All kart are subject to inspection by Ohsweken Speedway officials at any time and in any manner determined by track officials. All decisions regarding the timing and manner of the inspections, as well as which karts will be inspected, are final.

7.2 Ohsweken Speedway reserves the right to confiscate any non-conforming components at any time as deemed necessary.

7.3 If a kart does not meet our rules it will not be able to compete. No exceptions.

7.4 Ohsweken Speedway reserves the right to impound any kart for any reason at any time.

7.5 Any participant (team) who refuses to allow tech officials to inspect their kart at any time or follow inspection directions and procedures will be subject to the following:

- * Immediate disqualification from the event.

- * Loss of points for that event.

7.6 Participants found to be non-conforming and disqualified during technical inspection shall be subject to the following:

- * Immediate disqualification from the event.

- * Loss of points for that event. (Show up Points will be awarded)

- * A second infraction for deemed non-conforming or technical issues will result in the following:

* Disqualification from the event.

* Loss of points for that event.

* TOTAL LOSS of ALL ACCUMULATED POINTS to DATE.

7.7 Cars (with Driver) must enter the tech area as instructed by inspectors. Drivers must be move their kart onto scales or be assisted by track officials only if needed

7.8 The team is responsible for preparing only the area(s) of the kart for inspection as requested by the HEAD TECH OFFICIAL in a ely manner

8 SCALING

8.1 2% discrepancy will be allowed to the minimum weight for the first race of the season. There will be NO allowance after that.

8.2 In the event of a scale failure / malfunction; any questionable kart may be impounded at the disccussion of the Director of Racing Operations or his designate

9 PROTEST

9.1 Any Driver or Owner may protest an engine in their class.

9.2 Fee is \$250 CASH.

9.3 Fee MUST be delivered to the Head Technical Inspector along with a written detailed explanation of the item being protested before the start of the A Main for the class where the protest is concerning.

9.4 The only people allowed to observe the inspection of the protested item at tech will be:

* Owner or Driver (not both);

*Tech officials (up to two);

*Director of Racing Operations (or his designate);

9.5 The engine will be impounded at the scales after the A Main. If it is a simple procedure the inspection may take place immediately inside the Speedway Tech Barn. If the inspection is deemed to be time prohibitive to take place immediately, the engine will be inspected within 3 business days at a location to be disclosed to the applicable parties.

9.6 If the item is found to be in compliance, new gaskets will be purchased for the team in question and the balance of the \$250 will be paid to the Tech Inspector.

9.7 If the item is found to be non-conforming it will be confiscated and surrendered to the Director of Racing Operations for filing. The protest fee (minus \$50) will be returned to the protester. The \$50 withheld will be paid to the Tech Inspector. All points accumulated for the night by the team found to be out of compliance will be revoked.

9.8 NO PROTESTS WILL BE ALLOWED REGARDING ANY INCIDENTS OR RULINGS CONCERNING CONDUCT OR COMPETITION. ALL DECISIONS OF OFFICIALS ARE FINAL.

Kart Chassis rules.

Box Stock and Open divisions must race QRC or other factory made comparable chassis.

CLASSES

One-Way Radios are MANDATORY in ALL CLASSES for 2020

BEGINNERS:

Beginners Division- Ex270 Subaru is the recommended engine with .500 restrictor since this engine is used in next divisions. Honda/ Clone 6.5'/ Briggs 206 may be used in beginner with a .500 restrictor but must be presented to the Speedway prior to the season for sealing.

10.1.1 - Drivers must be 5 to 10 years of age and approved by the Director of Racing Operations or his designate.

10.1.2 - This class is for new, inexperienced drivers. The Director of Racing Operations or his designate will determine when it is time to move the driver up.

10.1.3 - ALL engines MUST be teched and sealed.

10.1.4 - Bandit engines MUST utilize stock, unaltered.

10.1.5 - Bandit engines MUST retain stock, unaltered.

10.1.6 – Minimum weight with driver is 285 pounds.

OPEN:

10.4.1 - Drivers must be 13 years of age minimum with race experience, AND approved by officials.

10.4.2 Open Division - Honda CR 500 engine recommended, but any single cylinder Motocross/ATV engine may be used. All engines need professional well baffled and packed silencers.

10.4.3 MUST have OEM operable clutch. No slipper type / automatic aftermarket clutches.

10.4.4 - Gears may be removed from transmission.

10.4.5 Kick starter may be removed and plugged.

10.4.6 No cylinder spacers.

10.4.7 Porting of cylinder and cases allowed.

10.4.8 Cylinder head is a non-tech item. Cool heads are permitted.

10.4.9 Aftermarket reeds / reed cages, intake, and reed spacers are permitted.

10.4.10 Any dirt bike carburetor is allowed. MUST be readily available to the average consumer. Any modifications are permitted.

10.4.11 Minimum weight with driver is 450 pounds.

BOX STOCK:

One-Way Radios are MANDATORY in ALL CLASSES for 2020

Box Stock will now be the combination of the former Junior and Senior divisions.

There will be 3 different engine set ups depending on the drivers age and weight.

Recommended Set-Ups:

- A) 7-10 year olds use the former Junior set up.
- B) 11 year olds under 100 lbs should use the Sr restrictor plate.
- C) 11 or older and over 100 lbs (driver weight, no helmet, hans etc.) or more can use the Mikuni set up
- D) Any Driver Can use the Mikuni set-up if the driver and ballast meet the 100lb Requirement
- E) No Shorty Karts will be allowed with the Mikuni Set-Up

Driver ages determined at the first or last race of the year and may be used to the drivers advantage

10.2.2 ALL engines MUST be teched and sealed by an Approved Ohsweken Micro Sprint Builder, no exceptions. Any unsealed engines are subject to tear down for compliance. All engines are to remain stock. Absolutely no modifications of any kind allowed. Engines must be Subaru Ex270 or Briggs 206.

10.2.3 The size of the main jet in the carburetor is optional. No Modifying jets allowed.

10.2.4 - The air cleaner type and mounting MUST BE STOCK and approved by tech

10.2.5 Header must be pre 2015 style and an approved muffler is mandatory.

10.2.6 Fuel tank location is optional but must be approved by tech. Out board mounted tanks must have metal protection. Floor mounted tanks with fuel pumps are allowed.

10.3.5 Carburetor body MUST be as cast, butterfly or slide carb supplied with motor. Absolutely no modifications allowed to carburetor body. Carb adjustments are allowed. Jets, slide, needle are non-tech items. Length of manifold to carb boot is also non-tech. ALL engines MUST be teched and sealed by an Approved Ohsweken Micro Sprint Builder, no exceptions. Any unsealed engines are subject to tear down for compliance. All engines are to remain stock. Absolutely no modifications of any kind allowed. Engines must be Subaru Ex 27. Only Mikuni 26mm carb or stock carb allowed.

10.3.6 QRC billet rods are allowed.

10.3.7 Fuel tank mounting is floor or factory installed locations only.

10.3.8 No lightening, polishing, or modification of any internal components. NO flywheel modifications.

10.3.9 Minimum weights with driver are as follows: Stock Carb - 330 lbs or Mikuni Carb 345 lbs

NOTHING may be changed on the Subaru other than maintenance items like oil, air filter cleaning and valve clearance adjustment. Seals on all engines will be watched. If in doubt, contact track. Homemade Subaru's are not allowed without a full inspection, tear down, assembly and sealed by an approved builder at the expense of the kart owner. This is to ensure timing, camshafts, pistons, heads or blocks have not been modified from stock.

SAFETY CHECK LIST:

The following items MUST PASS Tech to race:

- „« HELMET - Fit / Condition / Date / Rating
- „« ARM RESTRAINTS
- „« HELMET SUPPORT (Must be SFI Rated)
- „« DRIVING SUIT Condition / SFI Rating
- „« GLOVES - Fireproof
- „« SEAT BELTS - Date / Condition / Fit & Attachment
- „« BRAKES - Condition & Operation
- „« OPERABLE KILL SWITCH Six inch Zip Tie on Spark Plug Wire
- „« STEERING - Condition / Op- AXLE CLIPS
- „« FUEL LINE - Condition / Routing
- „« COOLANT LINES - Condition / Routing
- „« PROTRUDING OBJECTS AND SHARP EDGES
- „« NERF BARS AND BUMPERS - Mounting / Condition
- „« MUFFLER - Mounting and Condition
- „« FLOOR PAN - Mounting and Condition
- „« CHAIN GUARD - Condition and effectiveness
- „« CAGE HEIGHT - Minimum of 2 inches Between Top of Helmet and Bottom of Upper Roll Bar with Drivers Belts Tight (HALO)
- „« NUMBERS - Contrasting and Legible
- „« MINORS RELEASE - Notarized Copy of Birth Certificate (if required)