2012 St. Croix Valley Raceway Future IV Rules

AMENDMENTS TO THESE RULES MAY BE MADE IF NECESSARY. ST. CROIX VALLEY RACEWAY TRACK OFFICIALS DECISIONS ARE FINAL!

Rules disclaimer: The rules and regulations set forth are designed to provide for an orderly conduct of racing events. These rules shall govern the condition of all events and by participating in the events. All participants are deemed to have complied with these rules. No expressed or implied warranty of safety shall result from publications of, or compliance with these rules and or regulations. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator or official.

The St. Croix Valley Raceway officials shall be empowered to permit minor deviations from any further restrictions that in his/her opinions do not alter the minimum acceptable requirements. No express or implied warranty of safety shall result from such alterations of specifications. Any interpretation or deviation of these rules is left to the discretion of the officials.

Official's decisions are final!

Drivers:

- Race rules shall apply at all events unless noted.
- St. Croix Valley Raceway Tech official(s) shall have full authority, at the discretion of official(s) in charge, of any competitor and competitor may be disqualified for rule violations or hazardous equipment or hazardous actions.
- Vehicle/ Engine teardown may be done by track on any car at any time
- All vehicles are subject to inspection by a St. Croix Valley Raceway official at any time.
- Vehicle approved by the tech inspector means only the inspected vehicle is approved for participation in a competitive event and shall not be construed, in any way, to mean the inspected vehicle is guaranteed mechanically sound. Be it further declared the tech official shall not be liable for any mechanical failure nor for any losses, injuries or death resulting from inspection.
- Absolutely **NO** alcoholic beverages will be consumed by drivers or their pit crews prior to or during a St. Croix Valley Raceway event. The use, distribution or sale of illegal drugs, at any time, shall be cause for immediate and indefinite suspension.
- Future IV drivers must be at least 14 years of age (proof of age required). Drivers under the age of 18 must have a signed and notarized Parental Consent Form by parent or legal guardian and said document must be in the hands of a St. Croix Valley Raceway official before participation of said individual will be allowed.
- Any driver winning two features in a row will start at the back of the redraw the following week. If this driver wins again on the third week, they will start in the back of the feature the following week. At any point they do not win the feature race, this process will start over.

Anything not covered in these rules or tracks General rules will be decided by track officials . **Decisions shall be final.**

VEHICLE:

• Any American or Foreign made, front wheel drive 4-cylinder car with a maximum wheelbase of 105.5".

- Frame / drivetrain must match body (i.e. Ford to Ford, GM to GM).
- Motor must be factory production option for the body.
- The motor must be in stock location. Frames must not be altered for motor placement.
- All bodies must be OEM steel and strictly stock. No altering or channeling of body allowed. Spoilers, wings, air scoops, etc., which alters the stock appearance are allowed. The intent of this rule is for import tuner wings and body kits. All cars hatch frames must be present. Only interior gutting for door bars only. All other metal must be present.
- Full floorboards must remain intact and visible with a metal firewall-separating driver from fuel tank and trunk area.
- Firewall between motor and driver must be original with no alterations allowed. All holes in firewalls larger than one (1) inch must be covered with metal, securely fastened in place. Stock dash (Optional) must be in original position and cannot be covered.
- All plastic, upholstery, seats, lights, mirrors, chrome and all flammable material must be removed. No interior tin or other covers. No mirrors allowed.
- All glass must be removed. Car must have windshield screen covering half of the windshield opening, and at least 3 upright windshield bars in front of the driver. Maximum 7" sun visor may be added to top of windshield opening, only. Driver **MUST** be able to see flagman.
- All doors must be welded, chained, or bolted shut.
- Fenders, doors and hoods required.
- Wheel wells must remain in stock position. Only cutting allowed will be for placement of roll cage and fenders may be reasonably trimmed for tire clearance only. NO sharp edges.
- All hoods and trunks must remain stock and must be securely fastened. Hoods may be gutted, and back of hood must be sealed off from driver compartment.
- One 12-volt battery must be securely fastened in the stock location under the hood, or moved into the driver compartment and securely fastened into a marine type case.
- Stock appearing bumpers must be in stock position. All bumpers must be capped to fenders. Hydraulic bumpers must be welded or chained with 3/16" chain and 3/8" bolts.
- No reinforcement of bumpers allowed.
- All sharp edges, torn fenders and body panels must be repaired by next racing event.
- Driver's and passenger's side rub rails are allowed, ¾" X 1 ½" square tubing from wheel to wheel. Quarter window covers will be allowed. All other windows must remain open.
- Car numbers must be clearly marked 18" height with 3" width. Car number must be on doors, plus front and back, painted or decaled in contrasting color. No reflective numbers.

SAFETY

- Full face helmet mandatory, Minimum of Snell SA2000 approved only. and SFI approved full fire suit.
- Neck brace, racing gloves, and racing shoes are strongly suggested.

- Fully charged fire extinguishers are mandatory and must be safely secured inside cockpit and must be within reach of driver.
- Window nets are mandatory and must be properly secured prior to entering track surface. If net is not up prior to start of the race St. Croix Valley Official will secure net but driver must start in back of race. If net fails to be or stay secured during race, driver will be disqualified for that race event.
- All cars must have an aluminum-racing seat fastened to roll cage, and not bolted to floor. It is also recommended to have a 1/8" steel plate under the driver seat area on the bottom side of the car.
- All cars must have an approved type five-point safety seat belt five years old or less.

BRACING & ROLL CAGE

- A full 6 point roll cage with "X" brace in rear hoop must be used. Roll bar padding required in driver compartment. Fire retardant padding recommended.
- Three door bars on the driver's side, and two on the passenger's side must be used. 18 gauge driver's door plate strongly recommended. Must go from rear of seat to 5" in front of the seat.
- Must have at least one cross bar in top halo of roll cage.
- Minimum .095 tubing at least 1.666 inches outside diameter for cages and door bars.
- No square tubing or galvanized pipe allowed. No squared off corners.
- Roll cage must be securely welded to 1/8" steel plate either welded or bolted to the floor. If bolted a minimum of 4 1/2" bolts must be used. No bars can extend through firewall.
- Roll cages will be closely inspected.

SUSPENSION

- Must be original type suspension, NO reinforcing is allowed.
- No after market suspension parts allowed. No add-on quick steer boxes.
- Brakes on all four wheels must work. No brake shut off devises. No after market brake pedal assemblies allowed.
- Master cylinder must be in stock position. No balance bars. OEM brakes only. No anti-lock brakes.
- No spacers. Lumber or chains allowed.
- One shock, OEM only, per wheel, in original mounts. No racing shocks, air shocks, or truck shocks.
- All front wheel drive cars rear wheels must track straight ahead no alignment change to benefit cornering. (Will be checked with a String Line).

TIRES & WHEELS

- Stock or DOT passenger tires only. No recaps. 7" Max tread width.
- No mud, racing or fancy, exotic, trick gumball tires allowed. No sipping, softening, grooving or conditioning.
- Oversized steel 1" lug nuts mandatory on all four wheels.
- All four wheels must be the same size wheel.
- OEM Steel wheels only. 7 inch Max Width

TRANSMISSION & REAR END

- Stock OEM transmission only. No aftermarket parts. All forward and reverse gears must work be operational. Car must move forward, then backward on demand.
- Original drive train only. No limited-slip, posi-traction or welded differential.
- No traction control devices.
- No lightweight flywheels or clutch assemblies. A 1 inch inspection hole must be drilled in the top portion of the bell housing for tech inspection if factory inspection plug is not present.

ELECTRONIC/TRANSMITTING DEVICES

- NO transmitting or listening devices.
- NO timing retard controls allowed.
- NO adjustable ignition control boxes.
- NO electronic traction control devices.
- Raceivers will be mandatory. (default channel 454.000)

FUEL CELL, FUEL & CARBURETOR

- Stock carburetor/fuel injection system for that make and model. No alterations allowed. COMPLETE Stock air cleaner box and intake system to manifold required.
- PUMP GAS ONLY. No nitrous oxide, alcohol or performance enhancing additives. Cars will be checked on random basis. 10% Maximum ethanol content.
- Gas Tank if stock gas tank is ahead of rear axle, it may remain in place. If stock gas tank is behind rear axle; it must be replaced with a fuel (maximum of 12 gallons). Fuel cell tank must be secured and located in trunk. Firewall between driver and fuel tank.
- Stock fuel pumps only. If fuel cell is used, inline aftermarket fuel pump may be used.

ENGINE & WEIGHT

- Any OEM engine package. SOHC OR DOHC engines allowed. The motor must be strictly stock for model and make of car, and be in original mounts. No turbo or supercharged engines.
- No aftermarket parts or performance enhancing parts what so ever.
- No porting or polishing or alterations of any kind to motor.
- No headers. Must be original exhaust manifolds/headers. No aftermarket headers. Exhaust must extend past Driver. Catalytic converters maybe removed but must have a muffler. 5.1lb per cc, add 100lbs for manual transmission, add 100lbs for multivalve engines (3 or more per cylinder). Example 2.0 liter= 2,000lbs
- Engine weight rules may change at the discretion of fellow Future IV drivers at a planned Future IV drivers meeting with St. Croix Valley Raceway officials. New rule would be in effect the following week.

PENALTIES AAND SANCTIONS

Rules infractions of any type whether discovered through a post race inspection or teardown, or in connection with infraction witnessed by a track official are subject to a forfeiture of all money, awards, and points for that event. In addition, a fine of up to \$200.00, and/or up to 30 days

suspension, and/or loss of all points earned to date. Penalties and sanctions shall be at the discretion of the St Croix Valley Raceway Officials.

CONFISCATION OF ILLEGAL PARTS

St. Croix Valley Raceway will confiscate any and all illegal parts. All confiscated parts become the property of St. Croix Valley Raceway and may be disposed of at the speedway's discretion.

ALL DECISIONS BY THE OFFICIALS REMAIN FINAL.

Call Brian Collins with any questions. 612-803-5478