

# 2010 Cyber Stock Rules

The **Cyber Stock Class** has quickly turned into a very successful beginner's class. One of the problems with these types of classes is that there is such a spread between the qualifying times of the cars as well as the skill level of the drivers. At the end of last season, car counts of 26-30 cars was right at the balance point of having either one or two features. **For 2010, we will be running both an A & B Feature, so we can separate the more experienced drivers from the beginner drivers. This will produce twice the amount of drivers that will go to victory lane, including some new inexperienced teams.** This class is still all about having fun, while racing in a weekly competitive class, as well as introducing the sport of short track racing to new drivers and teams. This will be a class where a team can have a competitive car, for less money than the cost of race tires for a year on a mid level class of racecar. We would like to see these cars neatly painted and lettered up, while being creative with you paint schemes and designs. NASCAR has their own hero's whose cars are highly recognizable; we are looking to make you Cyber Stock drivers our next group of hometown hero's! If you have a school, radio station or civic group that is looking to put a "group car" together, call Gary at the Speedway office; let us know your plans.

Due to NASCAR lowering the age of participating drivers to 14 year old, we are pleased to announce that our **Cyber Stocks will be part of the NASCAR sanctioning**, as our other 4 classes have been since 1990. All drivers will be required to purchase a NASCAR Charger license for the 2010 season. Any driver, crew member or owner that has a license will have the best participation insurance available (during a sanctioned event) in the racing industry.

**New Weight Rule for 2010** – All cars will weigh a minimum of **2700 lbs race ready** including the driver. This weight will only affect 10 % of the cars that raced in 2009, but this weight rule is being mandated to keep the playing field equal. Any cars that need to add weight, which is due to gutting out the inner panels too far, will have to add lead ballast in the following location with the following method: **All lead ballast will be mounted in the passenger section of the front seat area, above the floor board. There will be no lead added below the floorboards anywhere on the car!** All lead will be painted white and will be secured with ½" bolts & flat washers. There will be an 1/8" thick steel plate the same size as the block of lead, below the floor board acting as a giant back-up washer, since there is very little framework to attach the lead to. Any car caught with any type of ballast below the floorboard or in any other area except the passenger side front seat area will be disqualified for that event. All lead mounting will be subject to the tech official's discretion. Call the office if you have any question on mounting any lead ballast.

**Driver Eligibility** – **This class is intended for new, inexperienced drivers.** If you have raced 6 or more times in a single season over the past 5 years in any other class (not counting the last two years in the Cyber Stocks) at Kalamazoo or other local track, you

are not eligible to drive a Cyber Stock. **If you have some previous driving experience**, why not help someone that couldn't possibly build a car on their own & help them put a car together and introduce this sport to a new driver.

**Safety Rules** will be strongly enforced in this class. **You will be required to have a full fire suit, a snell approved helmet, along with racing gloves.** A 4 or 5 point racing harness, a good quality window net with a quick release latch, and adequate roll bar padding will be required. **Racing boots, a neck collar or head & neck restraint, and an aluminum racing seat is highly recommended.** We will cover the complete safety requirements, below in the rules section.

Due to the length of time trying to find a secure place to hook up a car to the wrecker without damaging the body too much, **all cars will be required to have a cable or chain to hook up to, in case of the need to tow your car off the track. You will be allowed to add one pc. of 1 3/4" x .090** (maximum size) **tubing between your frame horns** (both front & rear if needed) **to have a solid place to attach your chain/cable hook-up. Make sure your tubing is welded solid & that your chain or cable will lift your car up safely & square with the track** (not just around one side of the frame horn).

**All Cyber Stocks will be a 6 cylinder, front wheel drive car, with an automatic transmission.** No convertibles, 2 seat coupes, standard transmissions, super or turbo charged cars will be allowed. These vehicles will remain stock, in their original form and shape. No alterations will be made to your cars, unless it is stated that you may do so.

**Complete Stock Bodies – There is too much stripping of inner body panels going on....watch how much that you take off because you are not going to like where the new weight is to be placed (see above weight rule)!** All body panels will remain stock front to rear. The original windshield may remain as is (full lexon windshield optional); all other glass must be removed 100%. All mirrors, upholstery, insulation inside & under the hood, carpet, tail lights & headlights, all loose trim on the exterior of the body, trailer hitches, and aftermarket add-ons must be removed from the car. Any material burnable in the driver's cockpit area must be removed. The original hood & trunk latches must be removed and replaced with a quick release hood pin system. Any car with a hatchback can weld or bolt your hatchback solid. All holes in the floorboard and front firewall must be covered securely with sheet metal. Both front & rear bumpers must be strapped or chained to the frame, to prevent dragging. When you remove the vinyl covering on your dashboard, you may cover up the "ugly stuff" with a piece of aluminum or sheet metal. There will be no gutting of any interior or exterior panels, except for making room for the door bars. Make sure all loose glass or material inside of the body panels are vacuumed out good. All loose rust flakes or trim must be removed from your cars. Use a sledgehammer on your bumpers to knock off all of the loose material on the bottom side of your car.

**Steering & Suspension** – All steering and suspension will remain stock with no modifications – front to rear & side-to-side. You will be allowed to have **1" of camber** on the right front tire and no more than **1/2"** on any one of your other 3 tires, which will be

measured with a 24" carpenter's square. **Your wheelbase will remain within 1/4" side to side (rear steer).** You may have a quick release steering wheel for safety, but will have the complete stock steering assembly. Your brake and gas pedal will remain stock, but you can have a toe clip for a throttle return strap.

**Engines & Exhaust** – All cars may start with the stock key or with a push button & toggle switch, hooked directly to your steering column wiring harness. All of the stock wiring to your car will remain intact. There will be an occasional Stereo Contest throughout the season, so we would suggest keeping your sound system in top-notch shape. Your engines and transmissions are to remain stock - we will implement a claimer rule on these cars if needed, so don't throw a bunch of money into your engine set-up. A stock style exhaust system complete with a muffler that exits behind the driver's seat will be mandatory – 2" maximum OD size – catalytic converter not needed. No exhaust leaks or opening up of the mufflers allowed. **Absolutely no Antifreeze is allowed!**

**Gas Tanks & Batteries** – If the stock gas is located ahead of the rear axle, it may remain in place as is. Double check the gas lines and the tank straps, replace them if they are worn. All stock tanks located behind the rear end must be replaced and relocated in the trunk area. You may use a stock tank that is in good condition, an 8-gallon or smaller fuel cell, or a boat tank, and place one of these in the forward area of your trunk. These tanks must have a metal frame to hold the tanks in place, and must be strapped in place securely. A couple loops of plumber's strap will not suffice for this, these tanks must be secured solid. If you have a tank in the trunk area, you must patch your entire rear firewall with sheet metal, so you can't see any of the trunk area from inside of the driver's cockpit area. All aftermarket fuel pumps are required to have a Kill Switch for the fuel pump shut off, located in plain site, in the window opening behind the driver.

**Tires & wheels** – Stock wheels for that make & model of car are fine. Safety Wheels can be used, but you are not allowed to increase your tread width, by using some big offset wheels. Maximum size of any wheel will be 15" x 6" wide. Oversized 1" lug nuts are highly recommended. All wheel weights must be removed from both the inside & outside of all wheels. **No low profile, trick, or exotic tires allowed. Radial tires only, No bias ply, racing, or re-cap tires allowed. Maximum tire size is 215 x 15"x 65 series. No 60 or wider tires allowed, only 65, 70, 75, or 80 series tires allowed. The track has the final call on any and all tires,** so if you think you are going to read around the tire rule, I would suggest that you bring a tire to us first, before showing up with them on your car.

**Safety Requirements** – **Although we are strongly encouraging people to build and work on their own cars, if you have little or no experience putting in a safe roll cage, contact a professional to help you install a good quality roll cage, your racing seat, and your safety belt and window net mounts.** All Cyber Stocks will have a minimum of a 4 post roll cage. The minimum round or square tubing size is 1 1/2" x .095 thickness, no exhaust tubing or old rusty well pipe allowed. The rollover bar will be behind the driver's head, with the upper halo section constructed to give the driver plenty of head clearance & protection to provide safety in the event of a rollover. All cars will

have a **minimum** of 3 driver's side door bars, as well as a single or an X door bar on the passenger side. A 30" wide by 12" tall by 1/8" thick driver's side doorplate is required on all cars (minimum size). No removing of any interior door panels except for door bar clearance. All doors must be bolted, welded or chained shut. If you are using a stock seat, make sure you have your seat tracks bolted or welded solid. The back of the seat must be secured to the horizontal back bar of your roll cage. **An aluminum racing seat is highly recommended.** No lead or any ballast may be added to your cars. **Rear bars** will be a maximum of 1 3/4" round or square tubing. The rear bars may extend rearward from the top of the cage behind the driver, angling down to the rear of the trunk area. You may also have 2 bars extending back from the middle section of the back hoop, rearward. No bars may extend through the rear of your trunk area. You may have an X in between your two rear diagonal bars. The rear strut towers may be supported with your back bars, to help keep your strut towers in place. We will be allowing bars to extend through the front firewall, for added leg protection for the driver. These bars may attach to the strut towers, but may not go any farther forward.

**Bumpers** – We will allow you to beef up & secure your bumpers to your frame mounts, with a maximum of 1/8" thick angle iron or flat stock. **You may add one pc. of 1 3/4" x .090 (maximum size) tubing between your frame horns (both front & rear) to give you a solid place to attach your chain/cable hook-up.** You may attach standard hardware cloth in front of your radiator, but no expanded steel or equivalent will be allowed.

Contact the Speedway Office at 269-692-2423 or at [gary@klamazoospeedway.com](mailto:gary@klamazoospeedway.com) with any questions you have on the eligibility of the car or any questions you have on the rules. This phone call may save us both a lot of grief. So get going on your new Cyber Stock and start having some fun while learning about the basics of circle track racing!