

# TOMAHAWK SPEEDWAY

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[www.tomahawkspeedway.com](http://www.tomahawkspeedway.com)

## PURE STOCK RULES

TOMAHAWK SPEEDWAY points will be awarded in the same manner as WISSOTA points. **Points will be awarded to the driver of the car, NOT the car itself.**

The Tomahawk Speedway Pure Stock Division was created for the novice or beginning driver. The following rules are made to make it possible for these people to safely and fairly learn the sport of racing without the sometimes high costs associated with the sport and to let novice drivers experience racing without interfering with more experienced drivers on the track. **Read the rules carefully.**

The Tomahawk Speedway Pure Stock Division is for STOCK cars and most of the modifications allowed are for safety purposes. If you have questions, ASK! Don't assume something will be all right to alter, etc.

### **GENERAL**

1. All TOMAHAWK SPEEDWAY Track Rules apply to the Pure Stock Division.

If you don't have a copy, get one. It is your responsibility to know all of the rules.

2. It is the driver's responsibility to be legal every week and at all times!

3. TOMAHAWK SPEEDWAY reserves the right to tear down the engine of any racecar. If found illegal the "Protest" penalties will apply.

## **ROLL CAGES**

Main cage must be made with minimum of 1-1/2" mild steel tubing. No Gas or Water piping allowed. A minimum of a 4-point roll cage welded to the frame properly. Roll cage may extend past drivers compartment to the rear frame rails in the trunk area. Down braces may also be attached to the spring pockets. The roll cage may extend forward to the radiator support. A minimum of 3 door bars must be installed on the driver's side. Must be welded, no brazing. Gussets can and should be used on mainframe. Subject to approval by inspector.

Mandatory for 2008: Minimum of one Halo Cross Bar – Vent Bars and driver door plating which must completely cover the driver door bars and consist of a single sheet of min.16 gauge steel.

## **BODIES**

1. Any American made car with a minimum wheelbase of 108". Unibody cars must have minimum wheelbase of 110". Rear wheel drive cars only. No Station Wagons, Camaros or Firebirds. No maneuvering of wheelbase.
2. Cars must be COMPLETELY STOCK. Body must match frame. Body must be in stock location. Driver's doors may be cut out for installation of door bars. Hood and trunk must be stock and be pinned. Doors must be welded. Metal gussets in hood and trunk may be removed. All chrome trim and plastic parts must be removed.
3. Radiator must be in stock location. Radiator area or radiator support may be used.
4. Rear frame of car if rusty may be reinforced – 2" x 2" maximum and no thicker plate or tubing than 3/16" (188") maximum. Rear frame may be replaced behind the differential with rectangular tubing.
5. Bumpers must be stock. Bumpers may be reinforced so as to not fall off the car. No bump bars of any kind allowed. All front tubing must be behind the front bumper and rein forcer. All rear tubing must be ahead of the rear bumper and reinforcer. No sharp edges allowed in the front or rear.
6. Firewalls and floorboards must be stock and in stock locations. If rusty it must be repaired, but must remain in stock location. Any holes must be filled in. Trunk area may be cut out. No shelves or tunnels in interiors. Rear firewalls must be solid.  
OPTIONAL: The area behind the floorboards may be removed. However there must be a solid firewall between the driver and fuel cell. It must be solid aluminum or steel.
7. No rear spoilers, No mirrors of any kind.
8. Lead or other weight may be added. Weight must be securely fastened. Weight must have car number and be painted white.

**TIRES AND WHEELS**

1. Tires must be 70 series or narrower (smaller) radials or bias tires. NO RACING TIRES (Hoosiers, McCreary, etc.) NO RACING RE-CAPS. No snow, implement, trailer or truck tires allowed. There will be no defacing or altering of manufacturer's identification markings on the tires. You may not remove letters, words or numbers that may identify the tire. No grooving or siping of the tires is allowed.

2. Maximum width of 7" steel wheels. May be factory stock or rally type or aftermarket wheels. No aluminum, IMCA, or WISSOTA racing wheels of any type. It is recommended that all 4 wheels be reinforced. It is mandatory that the right front and right rear wheels be reinforced with 1" lug nuts or reinforcing plate.

3. NO wheel spacers exceeding ¼" allowed.

4. Maximum of 3" offset wheels.

**MISCELLEANOUS**

1. Batteries must be fastened securely in car. If mounted in driver's compartment, must be in a suitable plastic battery box completely covered and strapped securely.

2. ALL Glass must be removed. A minimum of four 3/8" rods must be welded in front of driver. Screening is required and mandatory.

3. Fiberglass or Aluminum racing seat required. Must be mounted securely in car to roll cage. Seat must not be mounted further back than the rear of the front door. Steering wheel and brake must remain in stock location.

4. 5 point belts required. Minimum 3" Lap Belt and 3" Shoulder Belt. Cannot be older than 5 years. Belts must be mounted to roll cage.

5. Approved window net mandatory and must be mounted to roll cage.

6. Approved Snell 95 or newer helmet required. Full SFI Race Suit required. Gloves highly recommended.

7. Brakes must operate on all four wheels. No aftermarket or racing proportioning valves or shutoffs. Stock valves may be removed. No rear discs. No racing type pedals, cylinders or balance bars.

8. Numbers must be a minimum 18" high x 5" wide. Maximum three numbers or letters may be used. Numbers must be located on both doors and roof. Also a 6" x 6" number in both front and rear of car. It is mandatory that your numbers are clearly readable for the scorers.

9. Fire Extinguisher required and it must be securely mounted inside the car.

**GAS TANK**

1. Old gas tank must be removed.
2. Marine type gas tanks steel or plastic allowed. Must be mounted securely in trunk area as far forward as possible. Fuel cells are recommended. All tanks must be fastened securely with a minimum 1/8" x 2" steel strap over the top of the fuel tank. Tank must fill from inside the trunk. No holes allowed in trunk lid or rear shelf for filling the gas tank.
3. A complete metal-based rear firewall must separate the driver from the gas tank.
4. Pump Gas Only.
5. No electric fuel pumps allowed.

**SUSPENSION**

Front and rear suspension must remain completely stock. Parts must match make, model and year of car. No racing suspension component parts of any type allowed.

1. No racing suspension component parts of any type allowed.
2. Stock appearing springs
3. No racing shocks. Shocks must fit shock mounts and be stock appearing.
4. No weight jacks. No coil over, load leveler or air adjustable shocks.
4. SUSPENSIONS MUST REMAIN ENTIRELY STOCK FOR CARS MAKE, MODEL AND YEAR.

**DRIVE TRAIN**

1. Automatic transmission only. Must be stock and have come in that vehicle when manufactured. Must have working stock torque converter. No racing components. No power glide transmission allowed. NO LOCK UPS. Diameter of torque converter must match car model.
2. Stock rear end only. Rear end may be locked with spool, open, posi, limited slip or welded.
3. Drive shaft must be painted white. Drive shaft safety loop or chain is mandatory.

