

2012 OFFICIAL PURE STOCK RULES

for

➤ **EAGLE VALLEY SPEEDWAY (Jim Falls)**

➤ **RED CEDAR SPEEDWAY (Menomonie)**

➤ **RICE LAKE SPEEDWAY (Rice Lake)**

The sole intent of this class is to provide a low cost entry level class. These cars are to be strictly stock and intended to stay that way. ANY DEVIATION FROM THIS INTENT OR FROM THE RULES SET FORTH WILL NOT BE TOLERATED AND THE CAR AND DRIVER WILL BE DISQUALIFIED FROM THE CLASS. OFFICIALS DECISIONS WILL BE FINAL. OFFICIALS WILL DEAL WITH DRIVERS ONLY. DRIVERS ARE RESPONSIBLE FOR THE CONDUCT OF HIS PIT CREW AND WILL BE PENALIZED FOR THEIR INAPPROPRIATE BEHAVIOR.

GENERAL:

1. Parents of minors, the driver is the spokesperson for the car (not you)!!! WE WILL DEAL WITH THE DRIVER ONLY!!!!
2. If you hold a license, temporary or regular, in any other class you **will not** be allowed to race a pure stock!
3. Any driver under the age of eighteen (18) must have a minor release form signed by a parent/legal guardian.
4. All cars must be safety inspected prior to being allowed to race. If any car is found to be unsafe by race officials, that car will not be allowed to race until the infraction is corrected.
5. Random checks will be done on any number of cars. Motor teardown may be performed by track on any car.
6. Full face helmet (Snell SA2000 or newer required), fire suit, window net and seat belts are mandatory at all time on the track.
7. No alcoholic beverages may be consumed until ALL classes of cars have completed racing. Violation of this rule will result in disqualification and/or suspension.
8. No unsportsmanlike display of temper on the track, infield or in the pits at any time.
9. Penalties: If found illegal, fines and/or penalties will be imposed by the track the infraction(s) occurred at. Fine(s) must be paid prior to a driver competing in the pure stock or any other class at the track the infraction(s) occurred at.
10. Anything not covered in these rules or the tracks general rules will be decided by track officials. OFFICIALS DECISIONS ARE FINAL.

CAR AND BODY:

1. Car must be stripped of all chrome moldings, emblems, pot metal, plastic and fiberglass to keep the track clean. Any 1950 or newer sedan, coupe or wagon is eligible. NO PICKUPS, RANCHEROS, EL CAMINOS OR 4WD VEHICLES.
2. Minimum stock wheelbase allowed will be 108" full frame. NO CAMAROS, FIREBIRDS ETC. 110" unibody with sub-frame installed. No wheel base alterations.
3. Driver protection roll bars are required. No roll bar may alter the geometry of the car in any manner. It can be used only to keep the car off the driver in the event of a roll over. Six (6) point roll cage of 1 5/8" tubing minimum (Braced box). CAGE MUST BE FROM THE FRAME TO ABOVE DRIVERS HEAD. The cage may extend back to the rear bumper, but may not extend and farther forward than the rear of the "A" frames. One (1) radiator protection hoop of the same size type will be allowed in front of radiator and no wider than the frame rails. One brace bar per side allowed from top of hoop to frame and will be no further back than the front of the "A" frames.
4. Original tank must be removed and a fell cell used. Pump gas only, 93 octane or less.
5. Bumpers must be anchored securely by being welded, chained or bolted to the body. No sharp edges. No bumper hoops (front or rear). Instead of the stock bumpers a 2 inch by 2 inch by 1/8th inch wall square tube can be used front and/or rear. Tube will extend no more than 6 inches past frame rails and no sharp edges allowed. Tube will have three (3) inspection holes 1 inch in diameter in bottom of bumper with one being centered. If ends are capped there will be a 1 inch inspection hole in cap. Tube style bumpers must either be covered with stock bumper or nose/tail cone.
6. No bracing of any kind any place on the car.

7. All doors must be welded, chained or bolted shut. Door bars allowed (maximum 1" x 1" x 6'). No sharp edges.
8. All glass and flammable materials must be removed from car prior to arrival at the track. No broken glass left in car!
9. Battery must be securely strapped in vehicle trunk.
10. All floor pans and firewalls, both front and rear, must be in place with no cutting of any kind any place on the body. The body must remain stock and in stock position. After market (steel only) body parts will be allowed. Wheel clearance may be cut. Top of front fenders must have all stock mounts, no cutting allowed. Must have original hood hinges and mounts.
11. Racing seat belts with shoulder harnesses must be in place and used. Belts must be three (3) years old or newer.
12. THE COMPLETE BUMPER TO BUMPER STOCK CAR MUST BE RETAINED. THERE WILL BE NO ALTERATION OF ANY KIND TO ANY PART OF THE CAR. NO SECTIONING CHANNELING, CHOPPING OR ANY OTHER ALTERATION WILL BE ALLOWED. HOODS MUST BE KEPT IN PLACE AT ALL TIMES. WHEEL RADIUS ONLY MAY BE CUT.
13. Driver protection door bars mandatory and must be on the inside of the car. Door bars must be covered by a single sheet of 16 gauge steel and securely welded to the outside of the door bars.
14. Steel screen to cover at least half of the windshield opening. Must contain a minimum of 3 vertical bars securely fastened at top and bottom in front of driver. Window nets are mandatory.
15. Aluminum radiators are allowed.
16. Minimum of 18 inch high numbers will be clearly displayed on both doors and the roof. Numbers a minimum of 6 inches high will be displayed on the front of car.

SUSPENSION:

1. Weight Rule: Minimum weight is 3200 pounds with driver after race. The top three (3) in Heats and top five (5) in Feature must cross scale to be weighed. Weight may only be added directly above rear axle dead center between shock mounts. Minimum 2 1/2 inch bolts must be used to mount weights.
2. No modification of suspension is allowed. All parts must be strictly stock. No spacers, no chains, no racing suspension. Stock springs only, no racing springs allowed. Springs to be measured as follows: **GM-17mm wrench must fit over the front spring without any cleanup of spring; 14mm must fit over the rear spring with no cleanup of spring. **FORD and MOPAR spring sizes to be determined. If you know you have stock springs you should not have any problems, we are waiting on manufacturer's specs. **NOTE: ALL MEASUREMENTS ARE WITHOUT CLEANUP OF SPRING.**
3. THERE IS A FORTY DOLLAR (\$40.00) CLAIM ON ALL 4 SHOCKS – NO EXCHANGE, OUTRIGHT ONLY. Shock claim money must be in tech's hand before Feature race begins.
4. Brakes must be able to lock up all 4 wheels. 4 wheel brakes are mandatory.
5. Stock ball joints only, no offset ball joints. Stock **"HARD"** bushings only, no O.E.M. **"SOFT"** bushings allowed.
6. Stock rag joint may be replaced with a u-joint.

TRANSMISSION AND REAR END:

1. Transmission claim rule; same as motor claim rule with the exception that the price to claim is \$250.00 in cash, no wrecker money needed and refusal is a \$150.00 fine with two (2) week suspension.
2. Drive shaft must be painted white. Safety loop mandatory towards the front of the drive shaft that measures 2 inches wide by 1/4 inch thick continuous hoop welded or bolted to chassis.
3. Automatic transmissions only. Stock working torque converters only. NO POWER GLIDES OR METRIC 200's. Transmission must have three (3) speeds forward and one (1) reverse.
4. Stock rear end/gears only. Locked rear ends allowed. No limited slip or positraction allowed. After market stock replacement axles will be allowed (Mark Williams axels or Moser axels as an example.)

ENGINE:

1. Engines which are standard bore must use stock positions. Engines may be bored to a maximum of .040 over the standard bore size. Stock type cast aluminum dished pistons, with a minimum recess of .040 MUST be used in any engine with an overbore. All engines, including those that are over bored from standard size must still adhere to the maximum compression rule. 9.5 to 1 compression ratio, 150 compression maximum. No intermarriage of rods or crankshafts to block allowed.

2. The engine must be the same make as chassis. GM to GM, Ford to Ford-Mercury-Lincoln or Mopar to Dodge-Chrysler-Plymouth. Must have original mounts and may not be altered in any way. STOCK CAMS ONLY!
3. Motors:
 - a. 307 Olds, 305 Chevy, 302 Ford and 318 Mopar only.
 - b. No fuel injection.
 - c. Stock appearing oil pans, no kick outs.
 - d. 410 lift rule.
 - e. No angle milling or performance enhancing work on heads or blocks. Blocks may not be decked.
 - f. Stock head only. No Vortex heads.
 - g. No grinding of any castings. Casting marks and numbers may not be removed.
 - h. Valve size must match head used. 1.86 valve maximum, 1.5 exhaust maximum.
 - i. No more than .40 valve shims allowed to obtain stock valve height.
 - j. No interchanging of rocker arms, ratios.
 - k. No screw in studs.
 - l. No roller cams.
 - m. Stock balancer only, aftermarket balancer allowed but must be a minimum of 6 3/4 inch in diameter and 1 3/8 inch in width/thickness. No lightening of balancer. No aluminum balancers allowed.
 - n. Stock ignition only (stock working order) No aftermarket ignition allowed. O.E.M. distributor only.
 - o. No center dump manifolds. Must be cast iron only. No factory O.E.M. or aftermarket type of header allowed. No 1987 or newer truck manifold allowed.
 - p. Exhaust must extend beyond the driver's seat. Oval offset muffler ONLY. No clamps, muffler must be welded.

CARBURETION:

1. Holley "4412" Carburetor only. No alterations allowed, must maintain stock measurements \$250 claim on carburetor.
2. No open top air cleaners.
3. Carburetor adaptor rule – maximum 1" thick aluminum spacer only with two (2) straight perpendicular holes of the same size. No adjustable spacers or sliders allowed.
4. Stock fuel pumps only. No electric fuel pumps. 3/8 inch maximum diameter fuel line only. 98 octane or less pump gas only.

TIRES AND WHEELS:

1. WISSOTA 35 HOOSIER tires only. Grooving, siping and grinding allowed.
2. Both front wheels may be reinforced to prevent their loss during the race. Stock or steel spoke wheels with 3 inch offset only. Only 7 or 8 inch wide wheels allowed. All wheels MUST use over sized lug nuts.
3. Loss of a tire or wheel or flat tire means you leave the track immediately.

