

# **MERRITT SPEEDWAY FACTORY STOCK RULES 2010**

**Note:** The car must fit the rules and the driver must be ok to run. There is a limit on experience to run this class. This class is designed for the beginner driver or driver with limited experience. Merritt Speedway reserves the right to move any car and or driver up to sportsman's class in order to have parity in this class. Drivers must be 12 years old or older.

## **SAFETY : RACERECIVERS MANDATORY IN THIS DIVISON**

- ÿ An operational 2 ½ pound minimum fire extinguisher with gauge visible for inspection purpose is mandatory in each race car. Extinguisher must be mounted in a quick release bracket.
- ÿ Duct tape is NOT an acceptable mounting device!
- ÿ Drivers are recommended to wear an approved :SA 95 or newer Racing Helmet (SFI fire suit, unaltered neck restraint and Nomex gloves are mandatory).
- ÿ Drivers head with helmet on MUST NOT rise above the roll bars.
- ÿ **ALL CARS MUST HAVE A RACING TYPE SEAT AND BE FASTENED TO THE ROLL CAGE.**
- ÿ All cars must have a cable or tie strap must hook gas cap to fuel cell.

## **APPERANCE**

**ABSOLUTELY** and completely stock appearing is mandatory. All cars must be 1965 or newer American made passenger cars with factory steel top. No utility vehicles, sport cars or convertibles. Door and roof numbers are mandatory. Must have a 4" x 20" number on roof with solid lettering. Number must be able to be read from the passenger side of car. No mirrors. Keep outside appearance of the car sharp by repairing whenever necessary. (Stock bumpers are mandatory **NO** aftermarket nose pieces).

## **BATTERY**

Must arrive at the track fully charged. Battery must securely mounted in rear of car(trunk area).

## **BRAKES**

4-wheel disc brakes are allowed. All in working condition( all four must lock in brake test). Neal style brake pedals on original firewall is allowed. No brake adjustment or shut -off valves.

## **BODY**

All bodies must be unaltered OEM location. Unaltered OEM steel hood and trunk only(may be gutted). **NO** altering or channeling of body allowed. **NO** spoilers, wings or air scoops allowed. Air cleaners must be under hood. Full stock firewall, in stock position, between driver and engine compartment. **NO** boxing in of drivers compartment. Fenders maybe trimmed **REASONABLE** for tire clearance. Area between tail lights **MUST** be filled in with metal or approves tail piece. **NO** reflective body panels. **NO BODY PANELS BELOW THE FRAME RAIL.** Drivers side floor pan must remain in stock location. Passenger side floor pa may be replaced with aluminum from tranny to frame. May box in from back of cage to trunk with aluminum. Bumpers must be stock and in stock location. Bumpers may be reinforced from behind only. Rear bumpers must be capped to fenders with steel. **NO** exterior bars allowed. Rounded off rub style bars **OK.**

**Maximum one inch with by two inches tall. WRECKER HOOKS ARE MANDATORY FRONT AND REAR.**

## **CARBURETOR**

**2 Barrel Carburetors only. Stock carburetors must match make and manufacturer of car. Ex: ford to ford, Chevy to Chevy, Morpar to Morpar. No Holley 4 barrels or altered carburetors will be allowed. 4412 2bbl allowed.**

## **TRANSMISSION**

**Stock transmission only. NO AFTERMARKET TRANSMISSION.**

## **ENGINE**

**The engine must appear to be strictly stock for that model and make of car. NO roller cams- No aluminum (cast iron only) -No roller rockers or roller tips. Engine must be mounted on solid mounts and in stock location. No limit on engine cubes. Cast 4 bbl intake allowed. Front spark plug must be in front of ball joint.**

## **CLARIFICATION ON INTAKE MANIFOLD**

**The cast iron marine Bow Tie intake will not be legal for this class. It was never installed on a vehicle form GM. Stock cast heads only( NO aftermarket heads allowed).**

## **DRIVESHAFT**

**MUST be steel drive shaft and MUST be painted white and have a metal strap or chain hooked around it. This MUST be located in forward 1/3 of shaft to prevent the shaft from dropping onto the track.**

## **EXHAUST**

**Exhaust manifold must be cast . Stock center dump manifolds are allowed. NO HEADERS.**

## **FRAME**

**All cars will have no fabricated or made for racing frames. Frames may be reinforced from the back of the axle housing to the rear of the car ONLY and only if it has no effect on stock suspension.**

## **FUEL AND FUEL CELLS**

**Any type regular pump gas is OK. NO alcohol or additives. Stock fuel pumps only ( no aftermarket). NO electric fuel pumps allowed. Fuel cells are MANDATORY and must be securely fastened and in a canister. Fuel cells must have a bladder and check ball on fill pipe. A leaking tank is ground for disqualifications. Must have approved loop behind fuel cell. MUST BE PAINTED RED. Gas caps MUST be fastened to cell with cable , chain, or tie strap.**

## **HUBS AND WHEELS**

**Eight (8) inch wheels, maximum. Racing wheels are mandatory. Cars must be equipped with racing wheels and 1" safety lugs. NO bead-locks allowed.**

## **IGNITION**

Only stock ignitions. Steel gear on distributor- NO Bronze gears. Must match make and model. NO aftermarket or dual point ignition systems. NO MSD. NO traction control devices allowed. Detection of traction control may result in being barred for life from all MSPA tracks. NO REV. Limiters allowed.

## **RADIOS**

NO RADIOS ALLOWED EXCEPT THE MANDATORY RACERECIVERS.

## **RADIATORS**

Any radiators allowed. Must include catch can with two(2) quart minimum capacity overflow exiting behind rear wheel.

## **REAR AXLE**

All trailing arms must be in stock locations. All bars must be solid and non-adjustable. Rear axle must be in stock location. Stock rear trailing arms only. Ford rear end allowed.

## **ROLL CAGE**

Roll bar type tubing at least .095 thick tubing only. There must be four (4) bar cage, with three(3) bars across the driver's door that must be tied together with minimum 2 uprights per loop. Driver's door must have 18" x 24" x 1/8" steel plate mounted outside bars, between roll cage and door skin in such a way as to protect the driver's body. Right side cage must have at least two (2) door bars than are tied together also. All main roll cage and left side bars will be a minimum of 1 1/2" OD. ABSOLUTELY NO SQUARE TUBING OR GALVANIZED PIPE ALLOWED. Cars must be equipped with front and rear frame hoops of 1 1/2" OD minimum side ahead and behind driver's compartment. MUST HAVE CENTER HALO BAR.

## **WINDSHIELD**

If windshield is removed you must have three (3) vertical steel rods in front of the driver, (protective screen is optional). All other glass must be removed.

## **SEAT LOCATION**

Back of seat will be no closer to the center of the rear axle then 30". Measured from the closest point of the seat or backrest to the rear axle.

## **SEAT BELTS**

Must be racing type quality. A 3" seat belt and a 2" or 3" shoulder harness with submarine strap are required and subject to inspection. MANDATORY, all components MUST be fastened during races and all belts must be in good condition may not be any older than 3 years of age. Must be able to read dates. Must be mounted to cage not floor.

## **WINDOW NET**

MANDATORY! Must be factory made and full size ribbon style. Must be securely fastened to frame, or roll cage, with release at front top left corner.

## **SHOCKS**

**Must be stock and in stock location. NO MADE FOR RACING SHOCKS will be allowed.**

## **STARTER**

**Must be in good working condition. All cars must start on their own in the staging area. If you are pushed started 2 weeks in a row you may start at the back of the event.**

## **SUSPENSION**

**Absolutely, completely and strictly stock. May use solid cups and spacers , cups must be welded in. Racing springs ok. No front steel bushing of any kind. No aftermarket parts allowed. NO adjustable suspension of any kind anywhere on race car. No adjustable spring cups or screw jacks allowed. Spring must in stock location.**

## **TIRES**

**American Racer P-245.Racing tires only. 8" maximum width,**

## **WEIGHT**

**3000 LBS MANDATORY WEIGHT. Added weight must be mounted in plain sight , painted white and must have car number painted on it. No cement or liquid style weights. Weights must be securely mounted with a minimum of two(2) ½" bolts with nuts and lock washers. Loss of weight may be grounds for disqualification. Use of mercury will be cause for lifetime suspension form all MSPA tracks.**

## **WRECKER HOOK MANDATORY FRONT AND REAR**

**Both must be accessible. If no wrecker hooks are on the car, the car will be pushed, towed, or dragged to the infield until after the racing program is completed. NEITHER WRECKER CREWS NOR RACE TRACK WILL BE RESPONSIBLE FOR ANY DAMAGE DONE TO THE CAR.**

**NOTE:ILLEGAL OR ALTERED PARTS MAY BE CONFISCATED.**

## **ENGINE**

- 1. Engine block must be exactly as produced by the manufacturer. NO ALUMINUM BLOCKS.**
- 2. Cast iron cylinder head only. No angle plug heads allowed. No aftermarket heads allowed .**
- 3. Any stock 2 barrel carburetor. The choke plate can be removed but the original choke tower must be retained.**
- 4. No roller cams!**
- 5. No stud girdles allowed no tall valve covers allowed.**
- 6. OEM non-roller rocker arms only. NO ROLLER ROCKERS OR ROLLER TIPS ALLOWED.**
- 7. Cast iron intake. No aluminum . 2 or 4 barrel intake allowed**
- 8. Cast iron exhaust. Stock center dump style permitted. NO HEADERS ALLOWED.**
- 9. Engine must not set back any further than front spark plug with front ball joint.**
- 10. Radiator in stock location**
- 11. Must be stock H.E.I. production distributor ignition only. No captive discharge ignition**

system. NO racing ignition systems including ignition modules and ignition coil. No MSD, Mallory, ect. Ignition components except spark plugs wires .

12. All cars must be under 100 decibels.
13. Steel motor mounts mandatory . No rubber.
14. Exhaust must exit behind driver.

## **ENGINE CLAIM RULES**

**Claim Amount \$550.00 plus Swap  
\$50.00 to tow truck, \$400.00 to driver  
\$100.00 to the Point fund.**

**Claim Price may be lowered at any time by Track Owner/Officials**

**Claim includes : Complete motor (from fly wheel to fan)**

**Claimed motor must be in your car the next week**

**Only the cars finishing 1<sup>st</sup> , 2<sup>nd</sup>, 3<sup>rd</sup>, can be claimed**

**The person claiming must finish the feature race on lead, ( claimers car must be in running condition and not smoking.)**

**You can only claim two time per season**

**15. You must be registered and have made the A main 2 weeks in a row to be eligible to claim**

**16. Track may claim at any time**

**17. Any person claiming a motor must have a lift plate**

**18. If you deny claim you may never run factory stock again**

**19. Claim must be approved by track promoter**

**20. Claim motor must be out of car within one hour of the claim**

**21. Claimed car must be pushed to the pits without starting the car**

**All claims must be made in the CLAIM AREA immediately after the finish of the feature race. The driver claiming must remain in the infield along with their car and the car being claimed. Both cars will be inspected before the claimed is deemed approved. If a claimers car is found to be illegal, the claim will be disqualified and claimer forfeits on of this claims. Merritt Speedway will keep \$100.00 for Drivers Point Fund if your car is found not legal.**

**If there are any questions of the Factory Stock Rules contact Factory Stock official assigned by Merritt speedway ,Tony Vinton (231) 445 -3980.**