



DIXIELAND 2024 SUPER 4 RULES

MMSA Car.....2300lbs with the driver after the race

Tube Chassis Car.....2350lbs with the driver after the race

10" wheels..... +50lbs.

MMSA Cars - use MMSA Rules

Tube Chassis Cars - Rules:

Type

- A. Any four cylinder American or foreign made vehicle sold in the USA, cars or trucks. Rear wheel drive vehicles only. May run tube chassis car, must obey tube chassis rules. In case of a question about the type of vehicle, the track will be the final authority.
- B. All shocks and springs must be mounted in the general location. May make modifications for clearance. Shocks may be aftermarket. No canister style shocks.
- C. May use aftermarket springs they must be mounted in the original position. Spring buckets may be sized to fit the springs. Jacking bolts may be used. May use coil over or conventional springs.
- D. Leaf spring vehicles may use spring shackles. They cannot exceed 5 inches measured from center hole to center hole and can be adjustable. Both sides do not have to be bolted even. Lowering blocks may be used.
- E. Strut frontend vehicles may make necessary alterations to suspension to obtain positive or negative camber. May use camber/caster plates
- F. May use pan hard bar or J-Bar system on rear-end.
- G. Vehicle must have front and rear bumpers. May replace original bumper with tubing. Front bumper/bar must be covered.
- H. Wheels may not exceed 10 inches in width. Any offset is OK but all rims on the car must have the same offset and width. May use bead lock rims.
- I. Wheel spacers allowed.
- J. Tire Rule TBD
- K. Bodies may be stock metal, fiberglass or sheet metal. Rear of car may be open. Rear spoiler may not exceed 8 inches in height and must not extend out past rear decking of body (may be metal or Lexan)
- L. Sheet metal may be used inside of the car to close in around driver and/or for covering roll bars.

M. All cars must display numbers on both sides of cars and roof numbers that can be read from the outside of the track.

No external rub rails of any kind.

2. MOTOR/TRANSMISSION/REAREND Max of 4 cylinders in line, 16 valves engines not allowed (2 valves per cylinder max). Must be stock for model being used (Ford 2000 or 2300 + .060, 2500 + .060.) (Toyota 2400 + .060). Cannot use dual overhead cam. No roller cams allowed. Must be hydraulic or solid cams only. Any header allowed.

INTAKES Stock production intakes only (no aftermarket), no porting, port matching or polishing allowed. May use up to 2 inch spacer plate to mount carb (not including gasket and/or carburetor adaptor). Gaskets can be no more than .065 inch thick. May make necessary modifications to the intake to accept the Holley 2 barrel carburetor only.

IGNITION May run stock distributor or a MELS distributor. Aftermarket ignitions are OK (MSD ignition is allowed). No crank triggered ignitions allowed.

CARBUREATORS May run 350 or 500 Holley carb with a 500 cfm Holley base or smaller. May remove choke and air horn. Must pass bore gauge.

No roller cams allowed. Must be hydraulic or solid cams only.

HEAD Stock production heads only. Heads must have casting marks. Any race competition three angle valve job allowed. May resurface any amount. No porting or polishing of head. No port matching. No cutting for over size valves. Must use stock size valve for engine being used. May use any steel valve spring/lock and retainer.

PISTON May use any stock type flat top piston (may have valve relief). Toyota May use .125 max. dome piston. Blocks may be bored (+ .060 max) and decked any amount. Stroke must remain stock for engine being used. No stroking or de-stroking of the engine.

CRANK SHAFT Crank shaft may be lightened and balanced. No aftermarket cranks allowed.

ROD May use any length aftermarket steel rod (cannot use aluminum rods).

TRANSMISSION Three, four or five speed manual transmission or automatic (Cannot use aftermarket transmission (i.e. Brinn). May run any aftermarket racing flywheel and clutch assembly.

REAR END May use any rear end up 9 inch. May use quick-change type rear-end. No sprint type rear-ends allowed. Any gear allowed, may weld spider gears or use any mini spool or any locker system allowed.

May use any breaking system available. Can run drums or disc brake system. Aftermarket allowed. No 4 link cars allowed. No springs on rear lower control arms.

FUEL AND WEIGHT Must run track spec fuel. No alcohol or Nitrous allowed.

Tube chassis car must weight minimum 2350 LB. with 2300 (max bore of .060). Minimum weight of 2400 if running a 2500 (max bore .060).

SAFETY Helmet and fire suit are mandatory.

Roll cage 1 1/2 inch minimum tubing. 3 door bars with gussets in driver and passenger doors. Loop bar behind driver. 1 horizontal bar across dash from side to side. Bars must be welded from main hoop bar to go through to trunk area and around fuel cell for protection. Front bar may be used around engine compartment to protect engine and radiator.

Fuel cell mandatory installed in a metal box. A firewall must be installed between the driver and the fuel cell.

Racing seat required. 5-point harness required.

All ballast/weight must be painted white and have the car number on it.