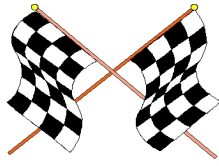
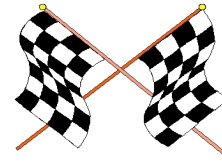


O.V.R.A.



Ozark Vintage Racing Association Official Vintage Late Model Rules and Specification



A. BODIES

1. **Type:** Any American made car, 1964 thru 1977. No trucks or convertibles. Rear wheel drive only.
2. **Body:** Body and frame not required to be of same make and year. Body must be steel with the exception of cars from 1979 built under NCRA type rules.
3. **Doors:** Doors must be bolted or welded shut. No chain or straps allowed. Stock doors only. With exception of 1979 NCRA type cars.
4. **Fenders:** Fenders required. Fiberglass fenders allowed.
5. **Hood:** Hood mandatory. Fiberglass hood allowed.
6. **Interior:** All glass and interior must be removed. Full deck and fabricated firewalls and interiors allowed. Drivers compartment must be sealed off. Must have a fully closed off interior front to Back and side to side. Steel or aluminum only. Stock full floor pan allowed, must have firewall front and rear.
7. **Paint:** All cars must have neat appearing paint and lettering. Numbers must be a minimum of 18 inches tall 1 per side and 1 on the top. No primer paint jobs.
8. **Windshield:** Windshield area must be covered in a safe manner. 1/4 inch rod optional. Must cover 1/2 of windshield opening. Wire mesh recommended. No mirrors.
9. **Not Allowed:** No wings, No narrowed or shortened bodies. Stock appearing only.
10. **Spoilers:** 10 inch maximum from top of deck or trunk. Side panels no more than 18 inches long and 10 inches tall front and rear.

B. ENGINES

1. **Type:** Any American production O.E.M. overhead two valves per cylinder, eight cylinder V8. All engines must be of 1980 production style or prior, Required to be of same make as body.
2. **Block:** Must be stock O.E.M. type. No after market blocks of any type allowed. No aluminum blocks allowed. Stock means Stock.
3. **Cubic Inch:** Any cubic inch.
4. **Camshaft:** No roller cams or lifters. No mushroom cams or lifters. Timing components O.E.M. type only. No gear drives.
5. **Crankshaft:** Any Stroke.
6. **Carburetor:** One four barrel 750 cfm maximum.
7. **Cooling System:** One stock type front mounted radiator. No rear mounted radiators. Aluminum allowed.
8. **Exhaust:** Any type header. Keep in mind some tracks have muffler rules.
9. **Fuel:** Gas only. No alcohol.
10. **Heads:** Any stock O.E.M. head. All heads must be of 1980 production style or prior. Screw in studs and roller rocker arms allowed. No fly cutting or angle milling allowed. No after market bow tie, world parts, dart, etc heads allowed. Aluminum heads must be stock OEM. Not type, **Stock OEM** from 1980 or earlier.

11. **Ignition:** Stock O.E.M. type single or dual point type or electronic. Performance coils allowed. No M. S. D. type ignitions or magnetos allowed.
12. **Intake manifolds:** May be dual plane or open plenum. Steel or aluminum. 1979 style or earlier. Spacers and adaptors allowed 1 inch maximum.
13. **Oiling:** Stock O.E.M. type pumps only. No internal or external dry sump pumps. Any type oil pan allowed. Remote oil filter allowed for clearance. Oil coolers allowed must be mounted outside of drivers compartment.
14. **Pistons:** Any piston. Cast or forged.
15. **Pumps:** Stock type water pump. Stock type manual fuel pump. Electric fuel pump allowed must have some type of safety shut off in place and operational. Combination of manual and electric fuel pumps not allowed. No belt drive fuel pumps. No drive train driven pumps of any kind. Power steering pumps stock only. No after market.
16. **Pulleys:** Stock type only. Aluminum Ok. Steel balancers only. Must have balancer bolt. No fluid dampeners.

C. FRAMES AND SUSPENSION

1. **Type:** Any American production type frame 1955 thru later model frames (Must be full perimeter). Not required to match make and year of body.
2. **Frames:** Frames may be boxed for strength. Frame rails must remain stock to directly behind driver at the first kick up over rear end. Shortening of frame allowed. Wheel base must match year and model of body. Moving of suspension points on rear allowed. No tube frames allowed. With exception of NCRA type cars from 1979. Frame must be full perimeter frame. All frames must have conventional OEM type front suspension No coil overs. No straight rails allowed. If using Camaro front clip square tubing from clip to tail allowed, must be full perimeter. No under swung frames.
3. **Roll cage:** Must be welded to frame at six points all back, top, and front hoops and down legs must be built of 1 1/2 inches in diameter 0.95 wall thickness tubing minimum. Door bars three horizontal per side minimum 1 1/2 in diameter 0.95 wall thickness minimum. Three vertical 1 1/2 inches minimum between door bars each side. Door bars must connect front and rear cage hoops. Back of cage must be "X"ed
4. **Bumpers:** Bumpers not to extend past outer edge of any tire. No sharp edges or corners.
5. **Wheel base:** 103 inches minimum.
6. **Suspension:** Leaf or coil springs allowed on rear. Coil only on front in stock location. All coil springs will be a minimum of 5 inches. Racing springs allowed. Sliders allowed on weight jacks on rear of leaf springs only. No coil overs or fiberglass springs of any type. Weight jacks front and rear allowed. No hydraulic jacks of any kind. Front suspension stock conventional type. Tubular upper and lower a arms allowed. Three link rear suspension allowed. No four bars. Heim end type trailing arms allowed. Lower arms must be equal length No short arms. Top link or pull bar must be solid.
7. **Rear end:** Any racing rear end. No aluminum tubes.

8. **Shocks:** One per wheel only. Heim end Allowed. No aluminum or coil over type allowed. May be mounted outside of stock location. Cost not to exceed \$70.00 No adjustable shock mounts. No air shocks
9. **Hubs:** Any racing hub. All hubs must have 5 lugs minimum. Stock lugs and nuts to be replaced with long studs and 1 inch lug nuts.
10. **Brakes:** Four wheel brakes mandatory. This means operational at all times. Drum or disc allowed. After market pedals allowed. No brake valves of any type.
11. **Steering:** Any type, power optional, center steering optional. No rack and pinion allowed.
12. **Weight:** All cars 3000 lbs minimum. after race with driver. 200 lbs of moveable weight is allowed. Must be bolted in place, **No hose clamps or wire**. Must be painted white with car number on it.

D. SAFETY

1. **Driver:** Must wear safety approved fire suit and full face helmet. Fire proof gloves **Mandatory!** Shoes, hood, and neck brace are optional but highly recommended.
2. **Belts:** Must be 4 or 3 point 3 inch wide quick release racing belts and shoulder harness only. Sub strap recommended. Belts must be mounted directly to cage, or seat bracket by grade 8, ½ inch bolts. No chain mounted belts allowed.
3. **Fire Extinguisher:** All cars must be equipped with fully charged fire extinguisher, accessible, and reachable by driver when belted in car. Multi-nozzle, quick release systems allowed and recommended.
4. **Fuel cell:** Mandatory. 22 gallons maximum. Tip over valve can mandatory.
Mount must consist of no less than 1 inch square tubing from frame to frame rail. With no less than 2 inch flat strap 1/16 inch thick surrounding fuel cell at least twice and connected safely to the mount. Must be located in rear trunk area of car. Any floor pan or obstruction which would trap fuel below cell must be removed. All fuel lines must be braided or racing type fuel line. All fittings must be screw on type with barb type end for fuel line. This means all fuel line connections from fuel cell to carburetor and back to the cell. Also meaning there will be **NO** hose clamps, neoprene or metal fuel lines allowed. Fuel shutoff valve within reach of driver while belted in car mandatory.

5. **Seats:** Aluminum racing type seats only. No fiber glass, boat, or bucket seats allowed. If using a sprint car style ½ seat must be equipped with a head rest.
6. **Switches:** On and off switch must be within the reach of driver while belted in car and within reach from outside of car.

E. TRANSMISSION AND DRIVE TRAIN

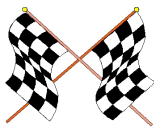
1. **Bell housing:** Stock type only. Blow proof recommended. Stock type must have a ¼ inch scatter shield or SEMA approved blanket
2. **Clutches:** Stock O.E.M. type clutch and pressure plate. Paddle type clutch disc allowed. Mini clutches allowed. No ram couplers, direct drives or crower glides allowed. Hydraulic throw out bearings allowed. Hydraulic slave cylinder for stock arm allowed.
3. **Drive shafts:** Stock Type only. No Aluminum. All cars must have drive shaft loop around front and rear of drive shaft. Drive shaft must be painted white.
4. **Fly wheels:** Aluminum and steel allowed.
5. **Transmission:** Any stock O.E.M. production type allowed. All forward and reverse gears must be in working order and pull car under a load. No after market type transmissions. No Bert, Brinn, etc. allowed. Automatic transmissions allowed but must be stock production type with converter. 10 inch dummy converter optional. No After market transmissions allowed. T.C.I., B&M, etc.

F. TIRES AND WHEELS

1. **Tires:** Any D.O.T. or racing tire allowed.
2. **Wheels:** Any type racing wheel allowed steel or aluminum only 14" wide maximum. If using stock steel wheels they must have a 1/4 inch plate welded behind wheel center for strength. No chrome reverse wheels. No after market or stock mag type steel or aluminum wheels. No bead locks or locking devices of any type. No screws of any type to be used in wheel or tire bead.

NOTE:

If it is not in these rules, it does not mean it is legal, or that it will be allowed.



For questions contact:
 Larry (479) 996-5596, Steve (479) 466-6398, Gary (417) 455-0018
 No calls after 9:00 P.M.
 ovraracing@gmail.com
 ovraracing.com

