

2020 MOD 4 RULES

COMPETING MODELS

1. 1972 to present four-cylinder passenger cars
2. No pickup trucks permitted
3. No four wheel drives
4. No rotary engines
5. No convertibles
6. No mid-engine cars
7. No Cosworth engines

WEIGHTS

1. Minimum weight will be 2000 lbs.
2. Cars with a "cc" over 2000 will run one (1) pound per "cc"
3. A maximum of 58% left hand weight only
4. Weights may be adjusted for competition purposes

ENGINE

1. Any 4 cylinder piston engine allowed
2. Any modification or parts that will fit inside the engine allowed
3. Maximum setback allowed for the engine will be six (6) inches measured from the centerline of the upper ball joint
4. Dry sump oiling systems permitted

CYLINDER HEADS

1. Aluminum cylinder heads allowed
2. Steel cylinder heads will receive a 100 lb. weight break

INTAKE MANIFOLDS

1. Any intake will be allowed
2. Grinding, polishing, port matching, or any other modifications allowed on the intake manifold
3. A spacer plate may be used under the carburetor with a maximum thickness of two (2) inches

EXHAUST MANIFOLDS

1. Headers allowed
2. Exhaust must exit behind the driver either out the side or turn down under the car

FANS AND RADIATORS

1. Electric fans may be used
2. Aftermarket radiator may be used; however, the radiator must remain in stock location
3. No antifreeze permitted



CLUTCH AND TRANSMISSION

1. Bell housing must have a 2-inch inspection hole
2. All driveshafts must be painted white, and there must be two safety straps around the driveshaft, one in the front and one in the rear

COMPUTER

1. MSD type ignition boxes may be used
2. Any other aftermarket system must be approved by OCS officials

CARBURETOR

1. Holley 500 CFM (HP Part# 0-4412C or 0-80583-1) carburetor only
2. New style Holley 500 CFM "Ultra XP" carburetors not allowed

BODIES

1. Aftermarket bodies permitted
2. Inner door panels may be removed
3. Fabricated dashboards are permitted
4. All glass must be removed. Lexan windshield must be installed and secured with support straps, no pop rivets
5. The battery must be mounted out of the driver's area in a steel container or battery box. The trunk area is the recommended location
6. Stock steel bodies receive a 50 lb. weight break
7. Rear spoiler will be a maximum of seven (7) inches in height

STEERING WHEELS

1. All steering wheels must be magnetic
2. All steering wheels must be equipped with a quick release coupling

FRAMES AND SUSPENSION

1. Tubular frames may be used
2. Sway bars may run heim joints instead of end links
3. Aftermarket parts allowed
4. Stock front clip cars receive a 100 lb. weight break
5. Rear leaf spring cars receive a 50 lb. weight break
6. **Must have wrecker hookups under the hood and inside trunk area to safely lift car in case of an accident**

SHOCKS

1. Only one shock per wheel
2. Coilovers may be used
3. No travel limiting devices allowed
4. Big spring cars will receive a 50 lb. weight break



RIDE HEIGHT

1. Minimum ground clearance or ride height will be two (2) inches, this includes the frame, spoilers, body sheet metal, and side panels

WHEELS

1. Aftermarket steel wheels permitted
2. Maximum wheel width is 10 inches

BRAKES

1. Aftermarket brake systems permitted
2. Rotors and drums must be magnetic steel
3. All brakes must be in working order

REAR ENDS AND DIFFERENTIALS

1. Quick change rear ends permitted
2. Stock type rear ends will receive a 100 lb. weight break
3. Locked differentials permitted
4. Magnetic steel axles only

FUEL SYSTEM

1. Fuel cells are mandatory. Maximum volume of 8 gallons
2. Fuel cells must be mounted in the center of the frame rails as far forward as possible. May be open in the bed area
3. A fuel cell protector bar height minimum of 1½ inches in diameter and a minimum wall thickness of 0.083 inches magnetic steel tubing must be used
4. The bar must extend below the frames section behind a fuel cell or the fuel tank
5. Fuel injected cars may use the stock gas tank and must run less than half capacity. A fuel line for these cars cannot run through the driver's compartment.
6. A minimum 8 inch ground clearance for the fuel cell

ROLL CAGE

1. Four (4) point cages with curved door bars required
2. Roll bars must be welded and made of a minimum wall thickness of .090 seamless tubing
3. Roll bars must be at least 1 ½ inch OD
4. Roll bar may be extended through the firewall and loop around radiator
5. Roll bars may be extended to the rear deck also
6. Fuel cell protector must be installed behind fuel cell
7. Right side cage must have 4 bars in the door area
8. Driver's door roll bars should have intrusion plates welded to the outside a minimum of 1/8 inch plates.
9. Refer to the Whelen All-American Series rulebook for cage construction guidelines

SEAT BELTS

1. Seat belts must be a 5-point harness type
2. Seat belts must be in date in accordance with the manufacture date on the label. The belts may be recertified
3. Seat belts must not be mounted to the floor pan



4. Seat belts must not cross areas that may cut the belts, i.e. not across sheet metal attached to a roll bar
5. Seat belts must be replaced if they are worn or the edges are frayed

SEATS

1. Aluminum factory made racing seats required
2. Absolutely no homemade seats
3. Seats must be mounted in a manner acceptable to OCS officials
4. Seats may not be mounted to the floor pan

WINDOW NETS

1. An OCS approved window net must be installed on the driver's side window
2. Window net must release from the top and drop down
3. Window net bars must be substantial enough to contain the drivers arms in the event of a roll over

FIRE EXTINGUISHER

1. All cars must have an onboard fire extinguisher
2. Extinguisher must be mounted so the charge gauge can be checked by OCS Officials
3. Out of date fire extinguishers are not allowed