



# 2024 Rules

## Chassis Option and Base Weight Minimums:

1. All weights will be before the race. For post-race total weight rules, if requested by officials' teams may be required to refuel, or officials may utilize "1 lb. per lap" burn-off.
2. The base weight for all cars is 2800lbs.
3. Maximum 59.0% Left Side weight at all times.
4. Maximum 59.5% Left Side weight cars using Standard Crate Engines as used in JEGS/CRA All-Stars rules.
5. Fabricated or Stock clip late model chassis.

## Suspension:

1. Minimum wheelbase 101" Maximum 1/2" difference side to side.
2. Maximum tread-width measured at spindle height is 80" measured from outside of tire to outside of tire.
3. Aftermarket upper A-Frames allowed.
4. One shock, one coil spring and one bump spring per wheel. No Canisters of any kind. Single adjustable shocks Bump spring pre loaders are not allowed.
5. Teams utilizing 4 shocks from the APPROVED Economy Shock List may deduct 50 lbs.
6. Maximum 8" wide steel wheels only. OEM, Floater or Quick-Change rear ends allowed. If a Quick-Change rear end is used, you must have a plate between the rear end and fuel cell.
7. Must have working brakes on all four wheels.
8. No fifth (5th) coil or lift bar suspensions will be permitted. No birdcage set-ups of any kind (3 or 4 links). Trailing arms must mount to rear end in a solid fashion (heim allowed) and no part of the trailing arm mounting may freely rotate around the rear end. All parts of rear suspension must be solid, one-piece construction with no moving parts, with one heim at each end. All mounts for trailing arms, third links and track bars must also be solid and may not have the ability to move.
9. Economy Suspension Package: Teams may deduct 75 lbs. for using only one non-adjustable AFco 21 Series Shock per wheel (or Shady Bowl Specific LM Shock) shocks from CRA Economy Shock List may deduct 125 lbs. AND no bump springs, bump stocks, coil binding or chassis stops of any kind. Will be checked at a minimum, by putting front tires on 1/2" blocks and nose or cross member MUST touch the ground. Only one 360-degree spring rubber permitted per wheel.
10. The Standard Spec tires will be the Hoosier F-60, F-70, and F-75 designated by event.

## Transmission/Rear End:

1. OEM Style Transmissions (defined as standard style transmission with external, separate, clutch). External clutches must follow Super Series rules. ALL transmissions must have a working reverse gear.
2. Bert, Brinn or Falcon Type Transmissions are permitted as well.
3. Cars must utilize a working locked rear end (i.e. a spool or similar).
4. Teams using an aluminum case, internal clutch transmission (i.e. Bert/Brinn/Falcon) the SPEC Magnus sealed "Muncie Style" 2 Speed Transmission part #13100, or unaltered standard 3 or 4 speed Saginaw or Muncie transmissions may deduct 50 lbs.

## Engine:

1. Engine must use cast iron block and heads.
2. Fords may use an external single stage pump, but the oil and sump must still be in the pan directly below the engine.
3. Headers and aluminum intake allowed.
4. Engine setback maximum 4" from a centerline between the upper ball joints (Strut-type, fab clip chassis must be max 2" setback for engines with rear mounted distributors/ 4" max for front mounted distributors).
5. The center of crankshaft must have a minimum of 10" ground clearance.
6. Any two or four-barrel carb allowed (no Predators).
7. Crane, Fast, Daytona Sensor, MSD 6427 Ignition system required for any package with rpm limits.
8. Crate Engines must follow JEGS Series rules including carb and ignition box.
9. Engine/Weight Combinations (to base weights above):  
Box Stock 604 Factory Sealed & Unaltered (w/o CRA updates) Deduct 50lbs.  
Box Stock 602 Factory or CRA Sealed & Unaltered Deduct 125 lbs.  
Aluminum Heads (excluding Crate) Add 50 lbs.  
Dry Sump Engine Add 50 lbs.

## Body:

1. Stock appearing bodies may be Aftermarket or OEM. Body should be ABC or similar stock appearing body. No outlaw, "Downforce", "Dirt Style" or square-sided bodies or body panels. Steel, Aluminum, Fiberglass or Plastic panels O.K. Standard 5-star or AR pavement short track noses, roof, and rear bumper covers must be used and may not be cut or altered. (Fenders, doors and 1/4 panels MAY BE FABRICATED but must be similar in appearance to those produced by ARP/5Star for these rules). The Five Star Next Gen body has been approved for competition. The AR Revolution body Must add 50 lbs.
2. Also, no panels allowed extending top edge of doors. No under car panning outside of frame rails and no further than drivers' tub front or rear at the bottom of the frame. Maximum drivers tub length is 52 1/2" and the maximum width of frame is 53 1/2".
3. All parts of the car must be high enough to roll over scale ramps and scales freely.
4. Side windows may go no further back than 12" from the A-Post/Door corner and must go straight up at a 90-degree angle from the door.
5. The maximum front overhang measured from the centerline of the front wheels to the leading edge of the nose is 46".
6. 20 inches is the min. length allowed for the nose, measured from the bottom, leading edge at center, up to the hood seam.
7. Noses must be centered on car and no wider than 79.5".
8. The maximum rear overhang from centerline of rear wheels to the base of the spoiler is 47".
9. The minimum roof height is 47", measured 10" from front windshield.
10. The maximum rear 1/4 panel height is 34.5".
11. The maximum body width at any point is 79.5".
12. The rear deck should remain relatively flat side to side and front to rear.
13. The spoiler must be centered on car and may not exceed 390 sq. inches (ex 6.5" x 60" or 6"x 65").
14. Rub rails may only be used if they are polycarbonate.
15. If exhaust exits through the door, installation must include an exhaust flange that is mounted flush to the door. Maximum 1/2" gap around the exhaust pipe. Pipe must not protrude through the door.
16. The standard opening for the grill screen area, as approved for manufacturers production, must be maintained at all times.
17. No types of underbody air deflectors are allowed. All air for blowers or coolers in the engine compartment must be pulled from the nose or the radiator air box. Air may not be blown or forced onto the tire or bead. Air may only be directed to the brake rotors. The duct work between the nose and the radiator may be no wider than 29" and may not be carbon fiber.
18. Tape may not be used anywhere on the car to control the flow of air or seal/secure seams between body panels (unless approved for repairs). The only exception is that tape MAY be used on the radiator grill opening.

## Additional Rules:

1. A fuel cell is mandatory and cannot exceed 22-gallon capacity. Fuel line must be standard in its size and length. Fuel cell must have a minimum of eight inches (8") ground clearance. Fuel cell must be equipped with at least two (2) protective straps completely around the cell. Fuel cell must be mounted securely behind the rear axle of the car. Cars must have a minimum 1/8" steel plate, or similar strength aluminum plate, between fuel cell and rear end. A similar plate at the rear of the fuel cell is recommended. All cars must have a safety bar at the rear of the fuel cell. At a minimum, all fuel cell configurations must include a rubber type cell in a steel container.
2. A collapsible steering column is highly recommended.
3. Radios are allowed. Drivers must use a Scanner to monitor race control or Spotter must use Scanner to monitor race control.
4. Titanium, Inconel or exotic metal are not allowed for use in any way on the race car. No hollowed-out bolts of any kind on suspension components.
5. Officials may change any of L.M. Sportsman rules in the interest of fairness and safety at any time and all decisions are final! Officials may also alter the rules at various tracks to encourage local participation.

## Track 1/2 Mile or Larger Except IRP

1. Engine under 364 C.I. (excluding Crate) Deduct 50 lbs.
2. Sealed McGunegill (7200 rev limit) Steel Heads Deduct 50 lbs.
3. Engine over 410 C.I. Add 50 lbs.
4. Standard Approved Crate Package Deduct 75 lbs.
5. Box Stock 604 Factory Sealed & Unaltered (w/o CRA updates) Deduct 125 lbs.
6. Box Stock 602 Factory or CRA Sealed & Unaltered Deduct 175 lbs.