

# Hobby Stock Rules

## 2025 Season

### Car & Body

1. Any 1948 or newer sedan is eligible. No station wagons, pick-ups, 4-wheel drive or Jeep type vehicles.
2. Minimum stock wheelbase allowed 108". Camaros allowed but must be a 108" wheelbase. No Mustangs, Cougars, or Ford Thunderbird allowed at 105" wheelbase.
3. Drivers' protection roll bars are mandatory. They must remain within the driver's area. At no time may they dissect, bisect, or pass through any firewall. No forward or rearward bars may protrude from the main roll cage.
4. Full roll cage allowed minimum of .095.
5. Bars may extend through front and rear firewalls.
6. All doors must be welded.
7. All glass must be removed exception of windshield. Wire mesh or Lexan at least  $\frac{1}{4}$  x  $\frac{1}{4}$  screen opening that is properly braced along the entire width of the original windshield opening may be used. The use of  $\frac{1}{4}$ " plexiglass is permitted if it fits in the original opening and is reinforced along the edges and down through the center of the windshield.
8. Complete bumper to bumper steel unibody must be retained. No cutting or lightning permitted.
9. Can use an aftermarket firewall and floor pan. Must be the same wall thickness as stock firewall and floor pan. Aftermarket bodies are permitted however stock body lines must be stock appearing.
10. No cutting, channeling, shortening, or cutting allowed. Hood must be always kept in place. Body sheet metal must be always kept in place.
11. Headers are permitted, however, they must not exit the body of the car.
12. All cars must chain the driver shaft in place.
13. Positive track and/or locked rears permitted

## Weight

410 Engines must weigh 3000lbs

## Suspension

No modifying of the suspension is allowed with exception as the rules state below:

1. Suspension parts must remain absolutely stock for that make and model. No spacer, lumber or chains, or added weight may be used to alter stock suspension of that car. Tubular upper replacement control arms are allowed however must be within 1" of stock and must be within 1" of each other. EXAMPLE – if stock is 8 then 1 may be stock length and the other 1" longer or shorter but no more than 1" total difference from stock when combined. Lowers may be within 1" of stock and must be within 1" of each other. Screw-in ball joints are permitted.
2. Front wheels may be reinforced to prevent their loss during racing.
3. Maximum free spring height is 14".
4. No adjusters for springs of any type.
5. Shocks must be stock type mounted in stock location. No ports or adjusters of any type. No hiem end shocks allowed. No spacers or extensions are allowed. No bump stops, bump springs, or spring rubbers allowed. No mounting spacers allowed. Shocks must be steeled body.
6. Conventional springs allowed however must be 5" diameter springs.
7. Rear control arms must be factory location at mounting position on rear 2.5" from axle housing to center of bolt.
8. Spinners are permitted, however absolutely no weight jack bolts.

## Tires & Wheels

1. M30 & M60 Hoosier tires only
2. Maximum 8" steel aftermarket wheels allowed; any backspace allowed. No tire wider than 9 1/2" sidewall to sidewall.
3. The right front wheel must be reinforced by using oversized lug-nuts.

## Engine

1. The engine must be stock and in its original mounts.
2. Must be stock-appearing roller rocker, stud-girdles are permitted. Shaft rockers are not permitted.
3. 1 ¼" valve spring maximum
4. No beehive valve springs. No more than 2 springs per valve, 1 spring and 1 damper spring
5. No marine intake manifolds allowed.
6. Carburetor spacer/adaptor must be no more than 1" maximum thickness with 1 gasket between carburetor and space/adaptor, and 1 gasket between spacer/adaptor and intake manifold. Gaskets must be no more than 1/8" thickness.
7. 410 cu in max
8. The total valve lift cannot exceed .540 lift measured at tip of rocker where it meets the valve.
9. Flat top pistons only
10. No roller cams
11. Roller tip rockers and stud girdles are permitted. No shaft rockers are permitted.
12. Flat tappet hydraulic cam only
13. No MSD (no multi spark discharge type of distributors, GM must run stock or stock replacement HEI and FORD must run stock or stock replacement distributor and brain box no electronic timing adjusters allowed)
14. Any cast iron head

## Carburetor

Any Holly 4412 500 CFM stock out of box carburetor is permitted, Gas only

## Transmission/Rear End

1. Automatic transmission and 3 speeds allowed no cutting or removing of gears.
2. Ford 9" rears allowed. Stock appearing rear disk brakes are allowed.

3. Stock type only. Pressure plate, clutch, and flywheel must weigh 35lbs and must be 10 ½”

## Gas Tanks/Fuel Cells/Fuel

1. Gas tanks must be original and remain in original location. Must have 2 extra holding straps of at least 20-gauge steel or ¼” steel chain and a metal protection shield of at least 20 gauge steel which must cover the entire gas tank. No aluminum can be used. Use of fuel cells is permitted however it must be placed in the location of the original gas tank and be reinforced as stated previously.
2. Racing fuel allowed – No E85, Alky, Methanol... NO additives of any type.

## Battery

Battery may be removed from original position and mounted in truck area. Battery must be securely mounted and covered. AGM batteries are allowed. No lithium or light weight batteries allowed.

## Miscellaneous

1. Headlights and taillights must be removed.
2. All plastic grills must be removed and replaced with screen and mesh.
3. All cars must have approved fire extinguisher securely mounted in reach of the driver
4. Racing suits and belts must not be older than 3 years. Full face helmets – Snell 2010, gloves, and shoes with Nomex or equivalent is mandatory.
5. Nylon mesh window net is mandatory.
6. Car number must be on both sides and roof and be a minimum of 18” tall and readable to the scoring tower.
7. A master kill switch shall be placed on the rear speaker deck. The toggle switch must have a bright circle or contrasting color around it for easy access and recognition.
8. Raceeiver radios and transponders mandatory for 2012
9. Race Procedure: a minimum of 13 competitors must be present in order to run a heat race. If there are less than 13 cars, a pill draw will be drawn for the feature race only.

## Protest and Teardowns

1. Limited to winner and only by the 2<sup>nd</sup> place finisher
2. All tear downs must be in writing by driver protesting with money within 15 minutes after the checkered flag.
3. If the winner refuses teardown, they will be disqualified for that night with no points and no money.
4. \$500 for top half and \$800 for complete motor
5. Track maintains \$100 no matter what decision is made.

1. Cars that run manual transmission must run a blow proof bell housing
2. Allowed to run dual master cylinders however not allowed to have adjust where the driver can reach from seat
3. No high-rise intakes, aluminum, or steel
4. Transponder must be on the right rear axle tube