

2025 HOBBY STOCK DIVISION RULES

DEFINITION OF "STOCK OR "OEM":

OEM is the abbreviation for original equipment manufacturer. No carbon fiber parts anywhere on the car.

MODELS:

1. Stock production sedan 1965 or later American mfg with steel top. 2 door or 4 door, No front wheel Drive.
2. Body does not have to match the manufacturer chassis.
3. Wheelbase stock for year, make and model. 104" Minimum to 116" Maximum +/- 1" for year make and model.
4. Minimum weight for car with driver 3,200 lbs.
5. No loose objects in driver compartment.

SAFETY:

1. A full perimeter roll cage is required. No offset cage allowed.
2. There must be a minimum of four driver side door bars in the left door area. If a passenger is riding along must be a minimum of 4 door bars on passenger side. Two (2) bars must extend from the top of roll cage to the rear of the frame rails. One (1) bar must extend from the left side to right side of rear roll cage at floor pan level for seat belt attachment. One (1) diagonal bar is required across the rear of roll cage from top to bottom. One (1) bar must be installed from left side of roll bar to center part of cross bar at shoulder level for shoulder harness attachment. Additional roll bars may be added. Where roll bars are attached to the floor pan, must have steel mounting plates under and over floor pan. Plates must be a minimum of 4" x 6" x .125 steel. Single pipe front loop may be installed at radiator top tank level.
3. Radiator protection bar and supports may be added. Subject to technical inspection and approval. All radiator protection bars must be behind the bumper and under front nose piece.
4. All main cage roll bar material must be a minimum of 1 3/4" .090" wall steel tubing No thread pipe fittings allowed. All roll cage welds must have a minimum 2" x 11/2" x 11/2" x .125" steel gussets. All roll bar structure exposed to the driver and passenger must be padded with approved padding.
5. Roll bar construction and installation is subject to inspection and approval. 1/8" plates on left side door bars (Both sides if having passenger) are required this plate must cover rocker panel to the bottom of the top door bar and from the rear upright to a minimum of 12 " in front of the leading edge of the driver's seat.
6. Racing seat mandatory. Seat must have complete cage frame support fabricated to the roll bar assembly. No fiberglass seats.
7. A five (5) point safety harness, with quick release mandatory with a three inch wide lap belt, 3" shoulder belts and a 2" submarine. All belts must be attached to roll cage. All seat belts must

have date of manufacturer and must be within 3 years of the present date. Or not past expiration date. It is for your safety.

8. Tube front bumpers OK. 1 3/4" .095 maximum size tubing used. Must be turned backed and capped, must fit under nose piece. Aluminum bumper O.K. Front and rear bumpers must be mounted at approximately stock height and location. Bumper height measured from ground to centerline of bumper must be a minimum of 16" and a maximum of 20". Bumpers must not be narrowed. Bumpers must have a 90-degree turn on each side extending back a minimum of 4" from front of car on front bumper. Must extend 4" forward from rear bumper. Bumpers must not have sharp corners or ends. Front and rear bumpers must have metal plates covering full width of bumper securing ends of bumpers to the quarter panels. Front and rear bumpers must have safety chains mounted to the frames. Bumpers are subject to tech approval, call for clarification. Bumpers cannot stick out passed bodies. No exceptions, it will be fixed. Bumpers need easily accessible tow hooks mounted.
9. All Passengers MUST have and follow all of the same safety equipment rules as the driver.
10. Fire extinguisher minimum 2 lbs. dry-chemical must be mounted in driver's compartment. Must be accessible to the driver with quick release mount. Must not be taped or plastic tied in. Additional fire extinguisher must be in pits at all times.
11. Safety helmet must meet Snell 2015 testing standards, bear proper identification, and have no signs of previous damage. No open face helmets allowed. SFI-approved full fire suit required. Fire retardant gloves, shoes and neck brace (or head and neck restraint) required. Recommended: Fire retardant head sock and underwear.
12. Equipment will not be considered "legal" simply because it went through inspection unobserved or because a rule has not been written against it.
13. Driver-side window net required, minimum 16 inch by 20 inch ribbon or mesh style, and must be mounted securely mounted to roll cage so latch is at top front of window. No zip ties or pop riveting. Hard mount only. Passenger side window new required when passenger is in car, minimum 16 inch by 20 inch ribbon or mesh style, must be mounted to roll cage so latch is at top front of window and securely mounted to the roll cage. No zip ties, pop rivets, esc
14. No mirrors of any kind allowed.
15. No 2 way radios allowed. Working RACECEIVERS MANDATORY.
16. All Ballast must be securely mounted to frame or roll cage and painted white with car number on it, Must be attached with at least two 0.5 inch bolts. No titanium, magnesium, carbon fiber or tungsten products. Solid steel fasteners only
17. Any ballast weight dropped on the racetrack at any time is an automatic disqualification for the remainder of that race event.
18. No loose objects in driver compartment.
19. Steering quickener allowed, aftermarket steering box's allowed, must be OEM appearing no light weight boxe's.
20. Stock steering columns may be removed and replaced with aftermarket steering shaft u-joints and couplers.

BODIES:

1. Must be stock for year model used. Fenders, doors and rear quarter panels may be interchanged with similar models as long as end result looks stock. Any fabricated body part must be 22-gauge steel or aluminum.
2. No cutting away of exterior sheet metal except as outlined:
 - Body sheet metal may be trimmed for tire clearance a maximum of 5" above tire on both sides of car in race ready position.
 - Rear trunk floor and outer portion of inner fender panels may be removed. Inner body panels may be removed.
 - All glass and chrome trim must be removed. Windshields must be replaced with maximum 1/2" wire mesh in front of driver and passenger.
 - Must have one (1) center vertical support of minimum 1" x 1/8" steel strap.
3. Hood scoops are allowed and must be completely sealed off. Hood and deck lid must have approved quick pull positive hold pins. Engine compartment and trunk area must be completely sealed off to driver when hood and trunk are closed and pinned.
4. No fiberglass or plastic fenders, trunk lids or quarter panels may be utilized. Fiberglass hoods OK.
5. Plastic nose piece may be used, MD3 OK, must be stock appearing, no late model noses / MD3 Late model noses allowed.
6. 6" rear spoiler allowed. No wider than the stock trunk unless using OME spoiler. No spoiler side plates or supports allowed.
7. Body side skirts allowed. Doors and Quarters must be rolled or creased to match front fenders
8. Stock or full manufactured sealed floor pan and fire wall.
9. Body manufacturers may be interchanged per manufacture chassis, wheel base must remain OEM for chassis being used. (Examples Ford body may be used on Chevy chassis, Monte Carlo body may be used on Camaro chassis)
10. Number must be on both sides of car located on door. Must also have number located on roof and on front of car located in approximate headlight area and taillight area. Minimum number size is 20". Number lines must be a minimum of 4" and in contrasting color to the body of car.
11. IMCA approved MD3 Stock Car kit (part no. 33131-10200-X) is allowed. This Camaro kit must remain as produced, complete and unaltered. The kit components may not be used with any other body style.

ENGINE:

1. Max Compression 10.1, cylinder compression must not exceed 180 PSI.
2. Stock OEM engine block only. No aluminum.
3. Ford & Chevy, 360 cubic inch +2% MAX no 400 blocks. Chrysler 370 cubic inch +2% MAX
4. Studded main caps allowed. Must have stock casting numbers on block. The Engine Block must not be altered in any way so that it could not be used in a street legal production car. Chevy

Crate 602 with factor sealed bolts are OK, must have hydraulic cam and stock rockers and valve springs, 602 motors without seals must conform to the open motor rules.

5. NO 604 crate motors, No 604 blocks or heads to be used in open motors.
6. After market pulleys, air cleaners and valve covers allowed.
7. After market fans allowed.
8. Aluminum water pumps OK.
9. Engine must mount in Stock OEM location.

Pistons:

1. Flat top or Dish pistons ONLY.

Cylinder Heads:

1. Stock OEM or World Products S/R Torquer Cylinder Heads for Chevrolet part# 042660 and 042670 or part #5303 for Ford. Dart heads, part #10024361 and Speedway part #9154622 for Chevy.
2. Vortec style: GM Performance #12558060, 12691728. Dart #3042436.
3. No aluminum, angle plug, or aftermarket racing heads allowed, except for the above listed.
4. No port matching, no pocket porting or blending. No angle plug heads. This is a NO Touch Item so do not touch.
5. Stock appearing stamped steel rockers only. Roller tips OK, No alloy, No chromoly or titanium allowed. No full roller rockers.
6. Screw in studs OK.
7. Large valve springs on open motors OK.
8. Guide plates OK.

Camshaft:

1. Any hydraulic or solid lift cam. Vortex heads and all 602 must run hydraulic cam.
2. No roller or mushroom cams allowed. No gear drives allowed.

Intake and Carburetor:

1. Stock OEM 2 barrel intake manifold. No modifications This is a NO Touch item so do not touch.
2. Edelbrock Torker II, Edelbrock Performer, Chevy part #2701, or Ford part#71221, Weiland, Chevy part# 7547 or Ford part# 7515, Vortec head design, GM Performance #12366573, 12464340. Edelbrock Performer #2116.
3. Carburetor spacer must not exceed 1" max. No funneling of spacers.
4. One stock Holley #4412 500 cfm carb allowed only. May remove choke plate and change jetting. No other modifications are allowed. Must pass tracks Go No Go gauges.
5. Gasoline only. No alcohol. No mixing of fuel.
6. NO 4 barrel Carb allowed No porting or polishing of any kind to any intake or cylinder head. Intake manifolds and cylinder heads are a no touch item.

7. No air forced boxes or air induction allowed.

Transmission:

1. OEM Automatic stock transmissions. Must be equipped with one stock working torque converter , 11 inch diameter minimum width. No stall converter No lightweight flex plate must be stock OEM style replacement.
2. 3 or 4 speed manual transmissions allowed. All gears must work at all times. Transmission cooler OK must be located in the trunk of car.
3. Single disk OEM type clutches only. No triple disc.
4. No aluminum flywheels. Flywheel must be OEM No aftermarket flywheels.
5. Aftermarket power steering pumps OK must be mounted on front of engine.
6. Driveshaft must have two (2) loops, one (1) near the front and one (1) near the back. May be made of chain or metal strap. Drivelines must be painted white. No aluminum or carbon fiber drivelines.

Brakes:

1. 4 wheel brakes in good working order required. No turning brakes of any kind allowed. No shutoff or restriction device's allowed.
2. All Braking components must be OEM or OEM replacement
3. Aftermarket pedal and pedal mount is allowed.
4. No dual racing type master cylinders or balance bars allowed. One brake master cylinders ONLY

Ignition:

1. Distributors must be stock or stock replacement with point or HEI type.
2. No step up boxes, Ignition voltage must be below 13 volts at distributor.
3. No racing / Performance modules or coils allowed must be stock OEM replacement.
4. One 12volt battery only, mounted with terminal covers with plastic or rubber.
5. All cars must be equipped with one working starter mounted in stock location. Mini starters allowed.

FRAME :

1. Frame must be stock only. Additional supports may be constructed to protect the uni-body. Such support bars must follow the contour of the frame and not extend beyond the inside of the wheels.
2. Wheel base – minimum allowable 104".
3. OEM front and rear sub frames No cutting, sectioning or redesign of any frame or sub frame to change the stock location of any suspension component or engine placement.
4. All suspension components and parts must be stock / OEM. Tubular upper A frames are ok
5. 1978-1988 Speedway Motors metric OEM replacement frame (part no. 91678880) is allowed

REAR SUSPENSION:

1. Leaf spring cars may use stock style steel aftermarket replacement leaf springs front must mount in stock location. Leaf spring cars are allowed to have adjustable shackles or sliders.
2. Stock, urethane or aluminum bushings
3. May replace stock spring pads on rear end with aftermarket pads. Adjustable lowering blocks allowed.
4. Coil spring cars may use any height coil spring with a minimum of five (5") diameter in stock OEM location with Non-adjustable spacers on top of rear coil springs allowed.
5. Upper and Lower trailing arms must be mounted in stock OEM location on frame and at rear end, Lower trailing arms _Maximum 3" from bottom of axle tube to center line of bolt._ Upper trailing arm mounts on the top of rear end may be altered to allow pinion angle to be re-set in car.
6. No pull bars.
7. Shocks on ALL cars will must be steel, non-adjustable, non-rebuild able and mount in stock OEM location.
8. No rear sway bars allowed. If a rear sway bar was on the car as part of the OEM, it must be removed.
9. Any crash damage repair must locate the suspension components in their original positions with a minimum of reinforcement. Front leaf spring mounts must be stock and in the stock location.

REAR-END:

1. Any steel approved OEM passenger car or truck rear end allowed (housing and carrier) with steel spool (full or mini). No limited slip or Lockers allowed, no Gold Tracks, no traction control devices of any kind.
2. Steel axle tubes Only.
3. Safety hubs (floater) allowed.
4. Solid steel axles only.
5. All components must be steel, except lowering blocks, axle caps, U-joint caps, and one piece drive flange.
6. One inch inspection hole required in housings.
7. No Lightened / scalloped ring gears, cambered rear ends, heavyweight axle tubes (max .250" wall) or housing braces. Gear sets 650 and above that can only be purchased lightened will be allowed
8. No adding additional weight / ballast to rear-end housing.

FRONT SUSPENSION:

1. Any height front coil spring in stock location. OEM diameter only. Adjustable spring buckets allowed. No bite bolts.

2. Shocks on ALL cars will use stock OEM mounts, steel, non-adjustable and non-rebuild able in stock OEM location.
3. Upper A-Arms must be OEM or 1 piece welded tubular steel with steel or aluminum cross shaft nonadjustable (No swedge tubes, must not be able to adjust caster or camber without the use of shims or spacers on the cross shaft) no heim joint or bearings allowed.
4. Bolt in, or screw in ball joints allowed as long as they bolt up to stock location.
5. Upper A- Arms OEM & Tubular must be the same length right and left.
6. Upper A-Arm mounts must be in stock OEM location.
7. Lower A-arms must be OEM in stock mounts.
8. No modifications to spindles or rotors allowed Except for replacement of wheel studs.
9. Wheel studs may be replaced with larger studs up to 5/8 inches
10. Camaro chassis are allowed to use QA1 stock replacement spindles.
11. Metric chassis are allowed 3 piece spindles.

TIRES AND WHEELS:

1. Must use Hoosier G-60 with IMCA stamped on sidewall.
2. NO Chemical Softening or Conditioning
3. No bleeders.
4. ALL wheels must be unaltered. May use bead lock on Right Rear only. External bead lock only and it cannot make wheel any narrower than 8 inches and no wider than 8.75 inches. Must use steel bolts.
5. Foam type or securely bolted plastic outer mud cover allowed on right side wheels. Outer mud cover mounting tabs and rings must be integral to the wheel or bead lock or be securely welded to wheel.
6. Steel lug nuts only. MUST have ALL 5 LUG NUTS on each wheel.

FUEL SYSTEMS AND RADIATOR:

1. Gasoline Only. No alcohol or boosters of any kind allowed.
2. All fuel lines in the cockpit must be sleeved with steel tubing.
3. Fuel cells are mandatory. Roll over check valves on fuel cell vents required.
4. Radiator must be in stock locations in the stock position. Aluminum is OK.

Additional Rules:

5. Exhaust pipes must extend to the rear of the driver and point to the outside of the car. Stock cast exhaust only, center dumps are allowed.
6. No high performance manifolds or headers allowed. No Brzezinski manifolds may be utilized. No modification of any kind allowed too the exhaust manifolds. 2 (Two) Mufflers mandatory. Maximum DB reading 95 decibels at 100 feet. Mufflers and tail pipes must be mounted below or underneath floor pan. No part of the exhaust system is allowed inside the driver's compartment.

7. No electric or belt-drive fuel pumps allowed. Fuel pump must mount in OEM location.
8. Fuel cells mandatory. Fuel cell must be retained by minimum of four (4) straps; two (2) crossways, two (2) lengthwise in center of trunk area.
9. All fuel cell filler caps will have a safety chain connected to the car.
10. Transponders are required and in working order. Must be mounted between the ball joint and the firewall with a clear view to the ground. If transponder is found in front of the ball joint a 2 position penalty will be issued.

IMPORTANT NOTE: RULE BOOK DISCLAIMER

1. The rules and/or set forth herein are designed to provide for the orderly conduct of racing event and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events and by participating in these events all participants are deemed to have complied with these rules.
2. NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS. They intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant spectator or official. The race director shall be empowered to permit minor deviations from any of the specifications herein or impose any further restrictions that in his opinion do not alter the minimum acceptable requirements.
3. NO EXPRESSED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS. Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final. Referee's decision is final. Just because it is not in the rules doesn't mean it is legal.

Note: Any part is subject to tech at any time.