

2014 HOBBY STOCK RULES

CAR SPECIFICATIONS

1. Any American made rear wheel drive car. Any full size half-ton truck, manufactured by Ford, General Motors, or Chrysler. No vans, 4WD's or sport utilities.
2. Wheel base minimum shall be 107.5 inches.
3. Car and/or truck bodies must be completely OEM steel. Plastic nose caps or valances permitted.
4. No mirrors' allowed.

SAFETY

1. The roll cage shall be constructed using 1.50 or 1.75 inch outside diameter steel tubing or greater with a minimum wall thickness .095 inches. No tubing on the car can be greater than 2 inches in diameter. Six point cage consisting of four-point center section and "kicker bars". Kickers may be "X" braced. Center section of cage must consist of main hoop with "X" bracing and halo that clears the driver's head when he/she is strapped in with his/her helmet on. The four points of the cage center section must be securely welded to the car's frame rails or mounted on a steel 4x4 pads welded to unibodies. Windshield bar required. A minimum of three driver's side door bars are required to be plated with at least 18 gauge steel metal plating. Passenger side "Z" bracing required-minimum. Driver and passenger doors may be gutted as necessary to fit the cage. Doors must be securely fastened, if running two (2) seats; passenger side needs to be the same requirements as driver's side door.
2. Front cage hoop permitted. Inner fender wells may be removed.
3. Roll bar padding is mandatory where driver can come in contact with the cage. All roll bar padding in driver's compartment must be fire retardant.
4. Nerf bar may extend up to 2" beyond factory body and must terminate inward and contain no sharp edges.
5. Every cage must have at least one halo bar and one in the center.
6. Fuel cell is mandatory. Must be located in trunk mounted securely. Pickup trucks must use a metal enclosed fuel cell mounted securely in the bed area between the frame rails. Metal enclosed fuel cells must use no greater than ten (10) gauge steel bar/material. If fuel cell is dropped below car must be surrounded by at least 18 gauge covering bottom of fuel cell. No more than three (3) foot of rubber hose on fuel system may be hooked to stock fuel line. Must have ground strap. Steel fuel filters only.
7. Each fuel cell must be fuel tight and have a functional roll over valve.

FIRE EXTINGUISHERS

1. Each race team must have a fire extinguisher in or on the trailer or rear of the tow vehicle. Must have car # painted on it and accompany the car to pre-tech.
2. Fire extinguishers must be visible and accessible.
3. In-car fire extinguishers must be securely mounted. If not secure, it will need to be remounted or removed. No zip-tied extinguishers.

HELMETS

1. Drivers must have Snell 2000 or better rated helmet.
2. The strap and clasp must be in good functional condition.
3. Helmet cannot have any cracks.
4. Helmet must be worn at all times while vehicle is on the track and must accompany vehicle at time of inspection.

DRIVING GEAR

1. Driving suit, gloves, racing shoes, and neck roll are mandatory and must be SFI-approved fire retardant. SFI approved head-socks and Hans/Hutchins devices are highly recommended. Driver's using a Hans/Hutchins device are exempt from using a neck roll. No driver will be allowed to race with street shoes. All safety gear must be in good condition.
2. Seat belts must be five-point and 3" minimum.
3. All belts must be roll bar typed or securely mounted to roll cage.
4. Belts may be no more than three (3) years old.
5. No worn or sun rotted belts. Tattered fibers, nonfunctional clasps and insufficient mounting points will be cause for vehicle to fail tech.

WINDOW NETS

1. Window net will be mounted so it can be accessible by the driver and Safety Crew.
2. Webbed net only, minimum size of 16"X20".
3. Window nets must be SFI approved.

SEATS & BELTS

1. All vehicles must have an aluminum seat fastened to the roll cage ONLY. Do not attach to car body. Side bolsters and side impact head supports are recommended.
2. Seat covers and padding must be fire retardant.
3. Seat must be mounted with 4-3/8" bolts, in at least four (4) points.
4. Five (5) point type harnesses required with three (3) inch waist and shoulder straps.
5. Belts must be 3 years old or newer.

DRIVERS COMPARTMENT

If running two-seater, passenger side must be same as driver's side.

1. Battery must be securely mounted in a box within the driver's compartment, marine type or better. One battery only per car. NO BATTERY IN TRUNK OF VEHICLE.
2. Driver's compartment must be sealed from engine and fuel cell by at least an 18 gauge steel sheet. Driver must do everything possible to keep the driver's compartment completely sealed off from the engine and trunk area.
3. Any fluid transfer through cab must be double walled steel and securely fastened and to be shielded from the driver. Subject to tech approval.
4. All glass and trim must be removed. No additional gutting or removal of sheet metal is allowed. Except for hood.
5. No loose objects in the cab.
6. A battery kill switch is MANDATORY and switch must be in the reach of the driver and Safety Crew.

DRIVE-TRAIN SPECIFICATIONS

1. Engine and related components must remain stock as manufactured. No angle plug heads or on GM engines. No vortex heads. Blocks, heads, intake and exhaust manifolds must be OEM cast iron. No rollerized valve train components. No grinding, polishing, or porting of any kind to the intake exhaust runners or manifolds. No bow tie blocks or heads.
2. No stroker engines.
3. No roller cams, flat tappet cams only.

4. Radiators must be mounted in stock position.
5. Electrical fuel pumps ok with an oil pressure switch or inertia switch mandatory, and stock power steering systems are required.
6. Engine must be mounted in stock position with stock style mounts.
7. All exhaust must exit outside or beyond the body. No exhaust components in driver compartment.
8. Distributors must be OEM or OEM direct replacement, no magneto's.
9. OEM and factory transmissions mandatory. Working stock torque converter with fluid required. Stock clutch mandatory. Must have a minimum ¼ inch flat strap or some sort of protective shield on the bell housing. Steel Fly wheels only.
10. Spec carburetor Unmodified Holley 4412's only, not to exceed 500 cfm. Restrictor plate use is optional.
 - a. No after-market metering blocks.
 - b. Changing of squirters, jets, and power valves is OK.
 - c. Removal of choke plate mandatory.
 - d. All 4412's are subject to passing a no-go gauge.
 - e. One (1) adapter no more than one (1) inch in height. No tampering allowed.
11. Gasoline/110 race fuel OK, no methanol.
12. Electric cooling fans are permitted.
13. Radiator spray bar, pump and reservoir are permitted. Maximum reservoir capacity is five (5) gallons. System must be operational. Reservoir and system components must be securely mounted. Reservoir can only be mounted in the driver's compartment.
14. All bumpers are required to be chained securely to the frame, rounded inward, or attached to fenders. No excessive reinforcement of the bumper (at discretion of track officials).
15. Locked rear ends optional. No traction control device allowed. Nine inch Ford allowed. 1 inch inspection hole in rear end center section required. Drive shaft must be painted white with car number on it. Drive shaft hoop mandatory.

FRAME, SUSPENSION, WHEELS & TIRES

1. Unibody car may create frame to tie front and rear suspension together must go from rear of front sub to front of rear sub only and no under-slung rear suspension. Shocks must mount in stock location using stock mounts.
2. Suspension mounting points, trailing arms, control arms and sway bars must remain stock factory unmodified. No weight jacking devices, spring spacers, adjustable spring shackles, sliders, or lowering blocks. Suspension components must match year, make and model of the car. 1 inch wheel spacers are allowed. Spindle savers are optional.
3. Adjustable upper A arms allowed.
4. One (1) inch leg nuts mandatory.
5. No recaps, heavy lug, mud terrain or studded snow tires. Tires must not be any wider than 9 inch tread max. IMCA branded G60-15 tires are optional. Bead Lock optional, right rear only.
6. No additional weight or ballast of any kind may be added anywhere on the car
7. Brakes must function on all four wheels. No adjustable brake proportioning valves of any kind or shut off devices. Emergency brake cable must be cut or removed. Any non-functional brake may result in disqualification. Subject to tech approval.
8. All brake components including pedal, master cylinder, calipers, rotors, spindles, drums and related subcomponents must be stock or OEM replacement in stock position.
9. Steering system must be stock or OEM replacement for make and model used. Steering shaft may be changed but it must be a collapsible type shaft.
10. No steering quickners allowed.

Changes adopted 12/05/13.