



2012 Hornet Beginner Class Rules

If these rules do not say you can do it then don't do it! All interpretations by the track are final. You are responsible to know the track's position on all rules. **IGNORANCE IS NO EXCUSE!**

1. **Safety equipment** - Snell rated SA2000, SA2005, or SA2010 helmet required. SFI approved full fire suit, gloves, and shoes are required. Driver side window net required. Minimum of 3" wide SFI approved five point safety belt assembly required and must be mounted securely to the roll cage. Battery kill switch must be located within reach of the driver and be clearly marked "ON" and "OFF".
2. **Body and chassis** - Any front wheel drive, compact car with three, four, or six cylinder engine. All cars must remain strictly OEM. Must be unaltered OEM appearing body. No convertible or two seat sports cars allowed. Maximum wheel base is 107" for cars and 123" for mini trucks. OEM unaltered stock floor pan only. Inner fenders may not be removed. Hood and trunk lid/latch must be securely fastened. All doors must be securely welded or bolted shut. All glass, exterior lights, chrome/plastic trim and hood insulation must be removed. Dash may be removed, but can remain. Opera window may be closed in. Car number must be a minimum of 4" wide and 20" tall and clearly visible on both sides, roof, front, and back of car.
3. **Bumpers/rub rails** - Bumpers must be approved OEM and be in OEM location. Bumpers must be welded, chained, or cabled to the frame and have front and rear tow hooks. OEM bumper covers should remain. May have one horizontal bar - maximum of 1.75 inch OD - tying front frame horns together in front of the radiator. One additional maximum 1" OD bar may be added for radiator protection, must be behind bumper, within the confines of the body, no wider than the OEM frame horns. Maximum of 1" wide by 2" steel or lexan rub rails allowed bolted flush to the body. No sharp edges allowed on bumpers, rub rails, or bolts. No bars past the outside edge of the body other than rub rails.
4. **Roll cage** - 4 point roll cage minimum required. Must use minimum of 1.5" OD with .095 wall thickness tubing. Front brace bar from halo to front of cowl is recommended. Forward brace bar allowed from main cage to front strut tower. No other bracing allowed in the front end. Must have minimum 1.25" OD cross bar in top halo. Cage must be electrically welded and attached using adequate plating. No iron, galvanized pipe or fittings, square tubing, brazing or soldering allowed.
5. **Door bars** - Minimum of one diagonal door bar on driver and passenger side required. All bars must be a minimum of 1.5" OD and .095 wall thickness.
6. **Driver compartment** - Aluminum high back racing seat recommended. Must be securely mounted to roll cage using .375 inch bolts. Driver must be sealed off from track, engine, transmission and fuel cell/tank. No mirrors. No gutting allowed except for roll/door bar clearance. All flammable material, radio, and air bags must be removed. Front and rear firewalls must remain and have no holes. Interior must remain open.
7. **Suspension and steering** - All components and mounts must be unaltered, OEM and match year, make/model of car used. Exception is: right rear safety hub recommended. (for example 1987-1995 Caravan hub assembly) No weight jacks, modifications, racing components, aftermarket or homemade traction devices allowed. Rear wheels must track straight ahead and be in alignment with front wheels. No center steering. Quick release steering wheel is allowed. No aftermarket remote reservoir power steering pumps allowed.
8. **Springs/shocks/struts** - All shocks and struts must remain OEM and in OEM location. No racing or performance suspension parts.



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9. **Tires and wheels** - OEM DOT 13,14,15, or 16 inch unaltered passenger radial tires only. 60/70/75/80 series only. No racing mud or snow tires. No re-caps, softening, conditioning, grinding, sanding, siping or grooving allowed. Must be OEM steel or aluminum wheels, with standard bead bump and maximum seven inch width. Front tires and wheels must be the same series, size and offset: rear tires and wheels must be the same series, size and offset: do not have to match front to rear except for offset. Tires must be inside the body. No wheel spacers or bleeder valves. Reinforcing of wheels recommended. Just use one inch OD steel lug nuts on steel wheels.
10. **Brakes** - Must be steel, unaltered, OEM operative, for wheel disc or drum brakes, and match year, make and model of car used. OEM master cylinder only, in OEM location. No brake shut off or bias adjuster. Steel brake lines only.
11. **Exhaust** - Exhaust manifold must be unaltered, OEM for year, make and model of car used. Smog pump, catalytic converter and air conditioning compressor may be removed. Exhaust must turn down toward the ground and extend past the driver and must have a muffler.
12. **Weight** - No ballast of any kind allowed. Any item deemed as ballast will be required to be removed.
13. **Battery/starter** - One 12 volt battery only. Must be securely mounted with the positive terminal covered. Battery must be in marine type case if mounted in the driver compartment. OEM starter only, must be in OEM location. Car must leave initial staging area on demand, unaided, or go to the rear of that race.
14. **Gauges/electronics** - No unapproved cameras, transmitting or listening devices. 12 volt ignition system only. No ignitions boxes. No performance chips. All ignition components must be unaltered, OEM and match year, make and model of car used. Aftermarket analog tach, oil pressure and water temp gauges only. Vehicle computer (ECU) should be mounted in accessible location for inspection.
15. **Fuel system** - Must have complete, unaltered, OEM fuel system for year, make and model of car used. Gasoline only, maximum of 93 octane. No E85, No performance additives. Gas tank ahead of rear axle allowed but must install shield under it. Gas tank behind rear axle must be replaced with maximum eight gallon fuel cell and relocated to the trunk area. Must mount with minimum of tow solid steel straps around entire cell, 2' wide and .125 thick. Metal firewall or cell cover must be between driver and cell. Fuel cell vent including cap vent, must have check valve. If racing fuel cell does not have aircraft style positive seal filler neck/cap system - a flapper, spring or ball type filler rollover valve is required. External electric fuel pump wired to the ignition switch allowed with aftermarket fuel cell. No cool cans. Fuel lines through driver compartment must be steel. Aftermarket fresh air pipe and filter allowed, but no air ram.
16. **Transmission** - Must use OEM, unaltered transmission that came in year, make, and model of car used. All forward and reverse gears must be operational. Flywheel, flex plate, clutch assembly and torque converter must be unaltered. OEM for year make and model of car used. No mini clutches or couplers. Must have inspection hole in bell housing. No transmission coolers in driver compartment. No torque dividing final drive, no locked differentials.
17. **Engine compartment** - Engine and radiator must be OEM, in OEM location for year make and model of car used. May use solid engine mounts or safety chains. No accumulators/accusumps.
18. **Engine** - 3, 4, or six cylinder engines only. GM 3.1L max. Ford 3.0L max. Dodge 3.0L max displacement. Double overhead cam recommended. All engine components must be unaltered OEM for year, make and model of car used. Must use OEM crank, rods, valve sizes, stroke, ect. No aftermarket racing heads. No high performance or sports car engines of any kind. No turbo charged, super charged, rotary engines, or engines utilizing variable cam timing.
19. **Vehicle identification number - (VIN)** The VIN must be clearly visible and unaltered in at least one of the OEM locations.



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- 20. Car claim** - Any competitor who has raced 5 races, finishes in the top 5, and is on the lead lap may claim any car finishing ahead of them that night for \$650 and they will have to swap cars with the car being claimed. Any driver refusing to have his/her car claimed will be disqualified for the night, receive no money, and may be subject to fines and suspensions.

This is a beginner class and ALL driver eligibility will be determined by management. If you have never been behind the wheel of a race car, you are eligible. Some exceptions will be made per managements discretion This class will run for no points, no, don't ask, it's not going to happen. The pay off for this class will be 1. \$75 2. \$50 3. \$25 and the winner will receive a trophy and win sticker.

All technical questions should be directed to Donnie Lewis.