



2021 4 Cylinder Rules

Rules updated: January 4, 2021

AMENDMENTS TO THESE RULES MAY BE MADE AT ANY TIME IF CERTAIN TYPES OF CARS ARE DOMINATING. ANY INTERPRETATION OR DEVIATION OF THESE RULES IS LEFT TO THE DISCRETION OF THE RACE OFFICIALS. THEIR DECISION IS FINAL.

Must be at least 14 years old.

SAFETY EQUIPMENT: Rules apply at all times car is on track. **Snell-rated SA2010, SA2015 or SA2020 helmet required.** Roll bar padding required in driver compartment. Recommended: Fire retardant padding. SFI-approved full fire suit required. Fire retardant gloves, shoes and neck brace (or head and neck restraint) required. Right and left seat head supports required if using head and neck restraint system. Recommended: Fire retardant head sock and underwear, collapsible steering shaft. Driver-side window net required, minimum 16 inch by 20 inch ribbon or mesh style, and must be mounted to roll cage so latch is at top front of window. Maximum four inch tall visor attached to window net. Minimum two inch wide SFI-approved five point safety belt assembly required, must be mounted securely to main roll cage. Recommended: Safety belts no more than two years old. Master kill/fuel pump switch required on left side of dash within easy reach of driver and must be clearly marked 'OFF' and 'ON'.

BODY/CHASSIS: Any front wheel drive, compact car with three or four cylinder engine. All cars must remain strictly OEM. Must be unaltered OEM-appearing body. No station wagons, convertibles or two seat sport cars allowed, no Honda CRX. Maximum wheelbase 107 inches, maximum one inch difference from side to side. OEM steel unaltered floor pan only. Inner fenders may not be removed. Hood and trunk lid/hatch must be securely fastened. All doors must be securely welded or bolted. All glass, exterior lights, chrome/plastic trim and hood insulation must be removed. Dash may be removed, but can remain. Maximum seven inch front and rear sun visors allowed, opera window may be closed. Skirting allowed, must maintain OEM appearance. Car number must be minimum four inches thick and 20 inches tall and clearly visible, on both sides and roof of car; six inches tall on front and rear.

ROLL CAGE: Six-point, full perimeter roll cage required. Must use minimum 1.5 inch O.D. with 0.095 inch wall thickness tubing. Rear hoop must have "X" bracing configuration. Rear kickers required. Recommended: front brace bar from main cage to front cowl. Forward brace bar allowed from main cage to front strut tower. Must have 1.25 inch minimum O.D. cross bar in top halo. Cage must be electric welded and attached using adequate plating (Recommended: minimum 0.250 inch). No iron, galvanized pipe or fittings, square tubing, brazing or soldering allowed.

DOOR BARS: Minimum three horizontal door bars on driver side and two horizontal door bars on passenger side. Both sides must have vertical bracing from top to bottom door bars. All tubing must be minimum 1.5 inch O.D. with 0.095 inch wall thickness. Steel door plates, 18 gauge or 0.049 inch minimum thickness, must be securely welded to outside of door bars on driver side. Plate must cover

area from top door bar to frame and from rear down post to five inches in front of seat. Must be visible for inspection.

DRIVER COMPARTMENT: Minimum three windshield bars and protective screen mounted in front of driver. Aluminum high-back racing seat required. Must be securely mounted to roll cage using 0.375 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.

SUSPENSION AND STEERING: All components and mounts must be unaltered, OEM and match year, make/model of car used. OEM or approved aftermarket right rear safety hub allowed. Brace bar allowed between strut towers in front and rear. No other bracing allowed on front end. 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 more than 2 degrees camber on any wheel. No center steering. Quick release steering wheel is allowed, must maintain OEM column. No aftermarket remote reservoir power steering.

SPRINGS/SHOCKS/STRUTS: All springs, shocks and struts must remain OEM, in OEM location. No strut boots or covers. OEM springs may be modified. No bump stops allowed. Maximum one 360 degree by 2" tall spring rubber per wheel.

BATTERY/STARTER: One 12 volt battery only. No lithium batteries. Must be securely mounted with positive terminal covered. Battery must be in Marine type case if mounted in driver compartment. OEM starter only, must be in OEM location. Car must leave initial staging area on demand, unaided, or go to rear of that race.

FUEL SYSTEM: Gas tank ahead of rear axle allowed but must install shield under it. Gas tank behind rear axle must be replaced with a fuel cell and relocated to trunk area. Must mount with minimum two solid steel straps around entire cell, two inches wide and 0.125 inch 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. **Gasoline only, No E-85.** No cool cans. Fuel lines through driver compartment must be steel. Aftermarket fresh air pipe and air filter allowed, but no ram air.

TIRES: ONLY DOT tires shall be used. No mud or snow tires.

ENGINE: 3 or 4 cylinder engines only. No turbo charged or super charged engines. No nitrous oxide.

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. All engines must use single maximum two inch O.D. exhaust pipe. Exhaust must extend past firewall and turn toward ground. No exhaust in driver compartment.