

Algona Raceway
2012 Cruiser Rules

AMENDMENTS TO THESE RULES MAY BE MADE IF NECESSARY TRACK OFFICIALS DECISIONS ARE FINAL.

1. Car must be stock. Only interior gutting allowed is for the door bars all other metal required. OEM parts only. This includes bumpers. No gutting hoods and trunks.
2. Remove all exterior trim and moldings.
3. Remove all glass, including all glass in car door panels or you will not race.
4. Remove all flammable materials.
5. All doors must be chained or welded shut.
6. Gas tank must be secured in trunk or stock position. If tank is relocated it must have two (2) 2" x 1/8" straps all the way around.
7. 7" stock DOT tires, 7" steel spoke wheel OK. NO SNOW TIRES. All 4 tires must be 14" or 15". No LT tires. Tires in front must match each other & tires in back must match each other. No offset rims.
8. 112" minimum wheelbase. 4 door sedans only. Chevy Cars & Chevy Motors Allowed.
9. The gas pedal must be in the riding mechanic side only. Must be out of reach of driver.
10. Mandatory 5-point safety belts, fire retardant driving suits, neck braces, driving gloves and window nets.
11. Aluminum racing seats are required.
12. You must have a riding mechanic or co-pilot
13. Helmets must have a SA or M rating. No snowmobile or bicycle helmets.
14. MANDATORY 4-point roll cage with rear brace bars to frame and 3 door bars on both sides Minimum 13/4" - 095 tubing.
15. Drivers & mechanics in the Cruiser car cannot be racing in any class but Cruiser that night.
16. HOLES IN FIREWALL MUST BE COVERED!!!
17. Rub rails OK, between wheels only. Must be bolted and WELDED - 1" thickness maximum - 12" width maximum. No grader blades.
18. A MINIMUM OF 3 WINDSHIELD BARS IN FRONT OF EACH DRIVER OR CO-PILOT. (3/8" MINIMUM)
19. No front hoop or bars in front of radiator. Factory radiator supports only.
20. If gas tank is moved to the trunk, rear firewall is required.
(Must run brown/gold colored 10% ethanol blend unleaded pump gas only. The cheap stuff, Available everywhere.) No additives - Will work fine in those low compression engines.
21. NO LOCKED REAR ENDS ALLOWED. Open rear-ends only, no lockers, no limited slip, no governor style diffs, or any device that will lock rear-end at any time.
22. No wheel weights allowed must be removed.
23. Engines must be stock OEM bore and stroke. Flat top 4 valve relief pistons with hydraulic lifters and must idle down to 600 rpm in gear after feature and remain running. Must hold 15 lbs. of vacuum at 1000 rpm in neutral running on 8 cyl in neutral.

Engine options for all makes.

OPTION 1: Factory stock OEM engine for make, model and year of car being used. 2 barrel carb [see carb rule] with adaptor if required, restrictor and one plug broken off and plug wire grounded. No police specials allowed.

OPTION 2: 305 Chevy with stock OEM parts, 4 valve relief flat top or dished pistons. Heads must be stock and available on 305 engines with 2 barrel intake with 2 barrel carb [see carb rule]. No restrictor or broken plug will be required at this time, maybe required if tech inspectors feel necessary.

OPTION 3: 350 Chevy with stock OEM parts, 4 valve relief flat top or dished pistons.

GM approved block numbers are: 3892657, 3914660, 3914678, 3932388, 3932386, 3956618, 3970000, 3970006, 3970010, 3970014, 10066033, 10066036, 10243880, 14010207, 14010209, 14010287, 14016376, 14016379, 10054727, 14088528, 14088548, 14088552, 14093638, 14101148.

Maximum 361 cubic inches. Maximum compression ratio is 9.0 to 1, no tolerance. Compression ratio checked using Whistler and cubic inches checked using pump, OR by visual inspection of part and/or casting numbers, pistons, etc. (track option which method is used). Flat top or dish pistons only, no gas ported pistons. OEM or OEM replacement steel crankshaft only – cannot be lightened. No aerowing, bullnose, knife edge, undercut or drilling of second or third rod throws. OEM or OEM replacement steel rods only – GM 5.7 or 6-inch rod allowed. Cap screws allowed.

Conventional flat tappet hyd. cam/lifters only, cannot alter lifter bores. OEM firing order cannot be changed (GM: 1-8-4-3-6-5-7-2). May use oil restrictors. 'Wet' sump oiling system only. Steel oil pans only.

CYLINDER HEADS: Steel only. Must be unaltered approved OEM and minimum 76 cc combustion chamber. Only GM OEM approved head numbers are: 14079267, 3986336, 3986339, 3986339X, 3986388, 3932441, 376445, 3928454, 3932454, 3876487, 3973487, 3973487X, 3973493, 3951598, 468642, 330862, 333882, 3998920, 3998991, 3998993, 3998997, 3970126. Maximum size valves on these heads are 2.02 inch intake and 1.60 inch exhaust. OEM non-roller rocker arms only. GM – 1.250 inch maximum O.D. valve spring, no beehive valve springs allowed. OEM type harmonic balancer only. OEM type steel or aluminum water pumps only. Must run restrictor and plug broken off and wire grounded.

24. Carburetor all motors. Two barrel Rochester carburetor unaltered OEM, except: booster I.D. may be machined to 0.25 inch, venturi I.D. machined to 1.375 inch and throttle bore I.D. machined to 1.6875 inch on Rochester carburetor. 0.625 inch minimum booster height on Rochester carburetor. Must remove carburetor choke plate. No carburetor spacers. One 0.25 inch (maximum) thickness gasket, restrictor plate, one 0.25 inch (maximum) thickness gasket only. Carb adapters may be used to adapt 2 barrel Carb to 4 barrel intake. (aluminum MR Gasket type adapters only, No Phenolic spacers.)

25. Must have bumper caps as wide as bumper. Must be bolted or welded to body and bumper. Minimum 18 gauge metal, aluminum or steel. No sharp edges.

26. Any profanity on cars will result in loss of points and pay for the night.

27. Flagrant rough driving will be black flagged for that race.

28 Points stay with original Driver & Mechanic - NOT with car #.

29. Cruisers go green, white, checkered. Red flag will be thrown for rollovers or fire.

30. If car becomes stranded during the race drivers must remain in the car and the safety equipment must remain on.

31. All cars must add a (18 gauge) restrictor plate with two 1 1/4" holes.

Except 305 engine options.

On manifold will be gasket, restrictor plate, gasket, Any Questions ASK! All Cars showing up without plate will be allowed to run with two plug wires off for (1 night only).

32. Claim Rules are printed in the Track Rules.

NUMBERS -

All cars must be numbered with large, legible numbers on sides, top and rear panel. Numbers must be in contrasting color from body, in all light conditions.

Numbers on side of car must be located on front door panel and be at least 4 inches thick and 20 inches high. Letters behind numbers must be at least 15 inches high.

Numbers on top must be at least 4 inches thick and 30 inches high. If your numbers do not meet these requirements you will be given 1 week to have it fixed prior to racing again.

TECH QUESTIONS - E-MAIL TIM WEILAND weilandtr@gmail.com or 641-843-4230

Cruiser Claim Rules.

Engine Claim: \$500 and exchange Only Like engine pkgs can claim each other. \$100 of claim money goes to the 2 wreckers and 2 tech officials. (\$25 each).

Claim Procedure:

1. Car making claim must pull to flag stand after checkered flag cool down lap. Must present \$500 cash and car number to be claimed to tech official.
2. Claim will be presented to the car being bought, a sell or a no sell will be determined.
3. If a sell is determined than both cars will go to the infield and will begin pulling engines.
4. IF a NO SELL is determined than the drivers not selling will each be disqualified and be suspended for 2 weeks or until a fine of \$250 each is paid to the speedway.
5. Drivers can claim no other driver more than once during the season.
6. Other Claim rules may be added as the officials see fit.