

SUMMIT RACEWAY 2021

MODIFIED MINI CLASS RULES

1. BODY:

- a. Must be a rear wheel drive, factory produced compact sedan, coupe or light truck.
- b. No all-wheel drive or front-wheel drive vehicles allowed.
- c. No mid or rear engine vehicles allowed.
- d. Steel or Aluminum aftermarket bodies allowed.
- e. Front fenders are optional
 - i. If removed, Front bumper ends must not exceed body width.
- f. Plastic or fiberglass nose sections and roof allowed.
- g. Pick-up bodies must have a tonneau cover over bed area.
- h. Doors must be gutted and secured by welds, straps, bolts or rivets.
- i. Fenders and fender wells may be cut for tire clearance. Front inner wheel wells may be removed.
- j. Firewall may be moved. Must pass inspection. k. Hood and trunk springs must be removed and secured with pins only.

2. 2/A. BODIES – INTERIOR:

- a. Floor pan must be complete in driver's area. Passenger floor pan may be removed as long as driver's compartment is completely enclosed.

3. ENGINE:

- a. Must be inline, single camshaft, 4 - cylinder engine only.
- b. No purpose-built race engines allowed (Cosworth, Indy, etc.).
- c. Engine Size:
 - i. 2500 cc maximum.
- d. Engine set-back allowed:
 - i. Front spark plug must be no more than three (3) inches behind spindles centerline.
- e. No roller rockers or roller cams allowed.
- f. No Titanium allowed in valve train.
- g. Connecting rods must be ferrous.
- h. No magneto or crank-trigger ignitions allowed. 2
 - i. No dry sump oiling systems.
- j. Engine / Motor mounts may be stock or solid.

4. CARBURATION:

- a. One, 2 barrel, downdraft carburetor only.
- b. Must flow less than 501 CFM
- c. Two (2) throttle return springs required.

5. FRAME:

- a. Tube frames allowed, but must use stock front and rear sub frames (stubs).
- b. Frame and sub-frame must match suspension.
- c. Frame connectors allowed.

6. SUSPENSION:

- a. Suspension type must be stock to vehicle.
 - b. The following exceptions allowed:
 - i. Weight-jacks and coil-overs may be used.
 - ii. Heim joints permitted on pan hard bar and shock absorber mounts.
 - c. Any type of shock absorber may be used. Maximum four (4) shocks per vehicle only.
- ### **7. TRANSMISSION AND**

7 DRIVETRAIN:

- a. Single disc clutches only, no ram couplers, etc.
- b. No aluminum flywheels unless factory stock.
- c. Automatic transmissions must have functional OEM torque converter.
- d. Differentials must be semi-floating type. Quick change type rear-ends are not allowed.
- e. 1" inspection hole required in bell-housing or dust cover to check fly wheel required. 3.

8 WEIGHT:

- a. Car must weigh at least one (1) pound per c.c. of engine displacement, with Driver.
- b. Added or removable weight permitted.
- c. Added or removable weight must have the following:
 - i. Be painted white.
 - ii. Have the car number on it.
 - iii. Be in blocks no smaller than 5 pounds. (No milling balls)
 - iv. Be secured to the vehicle. (Must pass Tech. inspection)

9 WHEELS AND TIRES:

- a. Any reinforced stock or racing type steel wheel may be used.
- b. Wheel spacers allowed.
 - i. One per wheel.
 - ii. May not exceed one (1) inch.
- c. Bead locks are allowed on the right rear wheel only.
- d. Tires may be DOT radials, racing recaps, or IMCA take-offs.
- e. Must have a durometer reading greater than 52.
- f. Tires must not exceed eight and one-half inch (8 ½") footprint at 20 PSI.
- g. Grooving and siping are allowed.

10. RADIATORS:

- a. May be relocated. Must pass Tech. inspection for safety.

11. BRAKES:

- a. Must have at least two (2) working brakes.
- b. Brake system is open to modification.

12. FUEL / FUEL SYSTEM:

- a. Gasoline only. No alcohol or methanol. ALL SAFETY RELATED ITEMS ARE LOCATED IN THE TRACK RULES. ANYTHING NOT STATED IN THE ABOVE RULES OR ANY GRAY AREAS ARE SUBJECT TO THE TRACK OFFICIALS / RULES COMMITTEE DISCRETION.