



## OPEN WHEEL MODS 2024 RULES

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#### **CHASSIS** – Factory OEM style front clip

Front Clip must extend to firewall

Frame cannot be widened or narrowed

Must retain stock dimension

Wheelbase 108" – 112" maximum

Rear clip section can be built to accept 4-link, swingarm, or leaf spring suspension

Relocation of lower control arm mount is not permitted

Notching front crossmember for radiator clearance is allowed

Minimum frame clearance 4"

Weight jacks must be 1" from center line

Rear of bell housing frame minimum 72" forward from center of axle

Engine offset within 2" of center line of cross member

#### **REAR SUSPENSION** – Standard 4-link, swingarm, or leaf springs rear suspensions only

Solid 4-link bars only, no moving 4-link bar mounts or shock mounts

No springs rods

Standard birdcages only, no split birdcages

Chain limiters are allowed, but must have solid chain and rubber pucks

Shocks must be mounted vertical to axle tubes

5<sup>th</sup> arm or torque link allowed for mechanical torque device, but not both

1 90/10 Shock allowed top center of rear differential to frame with torque link

Wheel spacers allowed, 1" maximum

#### **FRONT SUSPENSION** – Stock OEM style spindles only

IMCA type upper A frames allowed

Steel construction only, no aluminum suspension parts are allowed

Lower control arms should be stock OEM style, and must meet stock measurements within .5"

Aftermarket control arms can be used with heim joints

78" Maximum tread width, measured outside of tire to outside of tire with zero tolerance on front and rear

#### **STEERING** – Steering gear must be built in stock OEM location using stock mounting holes

Steering quickeners are allowed

No center steering or rack and pinion allowed

All steering components and linkages must remain stock OEM

Tie rods may use steel tubes and heim joints

Power steering pump may be mounted on bellhousing or front of engine

#### **SPRINGS** – All coil springs must measure 4.5 OD

Front spring minimum is 8" tall

Left rear spring minimum is 10" tall

Upper front coil spring must be flat and support spring 360 degrees

The lower front spring mount may have a single step to prevent spring rotation and accommodate the open end of the spring

Step of the lower front spring may not exceed 1" in height

Lower spring mount must be welded solid to lower control arm

#### **SHOCKS** – 1 shock allowed per wheel

LR allowed 1 coil over eliminator



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Any steel body, symmetrical from top to bottom, non-adjustable shock allowed

Maximum 1" screw on cap allowed

No bulb type or base valve shocks allowed

No Schrader valves, air shocks, or remote canister shocks allowed

No bump stops allowed, internal or external

Shock must fully compress

No shims or packer

**IGNITION** – Any distributor, module, coil, etc ignition boxes allowed

Billet distributors allowed

No magnetos or crank triggers allowed

Only stock firing order must match engine manufacturer

No electronic traction control allowed, \$100 protest fee, fee goes to track

MSD 6530, MSD 65303 MSD Digital 6AL-2, Fast Ignition 307222, and any box that has ability to change ignition advance is not allowed

**ENGINE** – GM 602 Crate SPEC Engine

Must meet factory "Yellow GM Book" specs at all times with no alterations or removal of any parts

2024 Legal seals, BRL0M, GM Bottle cap, Mid East, CRUSA, Rush, Thunder, others may require pre approval

Any GM Engine that has been altered inside the seals will be treated as illegal

**EXHAUST** – 1 muffler per header allowed

Standard 4 into 1 only

Tri Ys and other merge style not allowed

\$500 claim on headers

**CARBURETOR** – 1 4-barrel carburetor only

Conventional "Holley" style booster

No tunable boosters, no ICT Style

Naturally aspirated Engine

Carb spacer maximum 1"

1 gasket .070 maximum thickness between carb/spacer and spacer/in

**OIL SYSTEMS** – Wet sump stop pump only

No external oil pumps or systems (even if considered wet)

Oil coolers and remote oil filters permitted

**FUEL PUMP** – May run rear mounted fuel pump

Fuel cutoff in reach of driver recommended

**DRIVELINE** – All cars must have safety loop for driveshaft

Driveshaft must be carbon fiber or steel

Any steel approved OEM passenger car or truck rearend allowed

OEM Must use full or mini spool

Quick change rear end allowed

Must use steel axle tubes and 10" ring gear with steel or aluminum spool

Only steel axles allowed

Any additional components must be steel except lowering blocks, axle caps, drive flange, pinion mount, and wheel spacers

No torque dividing differentials scalloped ring gears or cambered rear ends allowed



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**BRAKES** – Cars must have working brakes, shutoff, and adjuster permitted

- No altering of rotors or calipers
- No single disc scalloped or drilled rotors
- All calipers OEM, no machining or lightening
- No aluminum calipers

**TRANSMISSIONS** – Any Bert, Brinn, Falcon, or similar transmission with Forward and Reverse allowed

- Cars must start and move under their own power
- No direct drives or In-and-Outs
- Carbon Fiber mandatory with ball spline transmissions

**SEATS** – Aluminum or carbon fiber only, with head and shoulder supports

- Seat must be securely fastened to rollcage with bolts and locking nuts

**FIRE** – All cars must have fire suppression systems with optional fire extinguisher securely mounted in cockpit

**ELECTRONICS** – No 2-way radios allowed

- No lights or gauges controlled wirelessly
- Receiver 1-way communication is mandatory
- No GPS devices, traction control, watches or cell phones allowed inside car

**WHEELS** – 15x8 Wheels only

- Any offsets permitted
- 1" max spacer permitted
- Beadlock allowed all 4 corners

**TIRES** – Hoosier 8" G60 (open or IMCA) , American Racer Mod 3

- Grooving & siping not permitted
- Required to meet benchmark at all times
- Lab results are considered final

**WEIGHT** – 2500 lbs

- 1lb per lap burnoff for Sealed engines, feature only

**FUEL** – Hydrometer Test - .760 Maximum Specific gravity

- Ethanol will be "Water Tested" .85 content + or – 5.
- Competitor may be asked to "declare fuel being run"
- Must match baselines at lab for proof of legality
- Fuel Protest \$150. \$500.00 Fine for illegal fuel and 2 race suspension.
- Racing Fuel, Pump Gas, and E85 are only legal fuels