

## STOCK MODIFIED CLASS RULES:

**CLASS INTENT**---- To keep costs to a minimum and fun to a maximum! This entry level class creates competitive racing comprised of various makes and models of vehicles. The rules are set to allow reasonable modifications while keeping the overall costs minimal.

Technical inspections would be as if all drivers in the class would examine each vehicle as a group to determine if the intent of the class is being met. This should be able to be done quickly and without tape measures, scales, etc.

### 1 Roll cage:

- 1.1 Should conform to Score rules regarding tubing size, type, and vehicle weight
- 1.2 Roll cage must be mounted securely to the body or frame at 6 points
- 1.3 Roll cage must have a cross-brace running behind the front seats if stock buckets are used
- 1.4 Door bars required for all occupants, unless using full doors

### 2 Fuel Tank:

- 2.1 Stock fuel tank is allowed and must be properly secured and protected

### 3 Body Modifications:

- 3.1 Stock look must be retained
- 3.2 Door skins are required
  - 3.2.1 OEM removable or no door options do not require skins
- 3.3 Front inner fenders may be cut
  - 3.3.1 Outer structure must retain the look of the vehicle
  - 3.3.2 Fiberglass fenders are allowed
- 3.4 OEM tub must be retained
  - 3.4.1 Pickups must have boxes or bedsides
  - 3.4.2 Occupants must be shielded from rear wheels

### 4 Engine:

**Intent - Engines are not to be a high performance style; Aluminum heads, LS series, etc. Engine swaps are allowed as long as engine is stock build.**

**Example: 350 Chevy into a Jeep**

**302 Ford into a Ranger**

- 4.1 Engine must be located in the stock location
  - 4.1.1 High horsepower modifications are not allowed
  - 4.1.2 Headers, Intake, Carburetor upgrades are allowed
  - 4.1.3 Engine must run on automotive pump gas
- 4.3 Radiator must be mounted in the factory orientation
- 4.2 Exhaust must have a baffled muffler and extend to the back of the front doors

### 5 Drive train:

- 5.1 Drive-train combination must match OEM orientation
- 5.2 Open to any axles and track width
- 5.3 Wheelbase must be +/- 4 inches as from OEM

### 6 Tires:

- 6.1 33" maximum, measured size

### 7 Suspension:

**Intent - To allow for modification and tuning but to retain stock suspension design**

Example: '85 2wd Toyota Pickup must retain IFS front and rear leaves

'84 Jeep CJ-7 must retain leaf springs on all four corners

'92 Cherokee must retain a panhard bar and coils in the front and leaves in the rear

- 7.1 OEM mounting points maybe altered
- 7.2 Shocks - May run **ONE** of the following:
  - 7.2.1 Maximum of one 2.0" remote reservoir per corner, in stock mounting points
  - 7.2.2 Maximum of one 2.0" **non**-remote reservoir rebuild-able shock per corner, any mounting configuration
  - 7.2.3 Any number of smaller than 2.0" non rebuild-able shock in any configuration
- 7.3 Air or hydraulic bump stops not allowed

### 8 Additional Modifications:

Vehicles that are close to but do not conform to the above requirements may be allowed to compete in Stock-Modified but will be assigned a time penalty to offset said modifications.

Example: Overbuilt Engine - Time Penalty 5 - 10%

Altered Engine Placement - Time Penalty 5 - 10%

If penalty exceeds 10% you will be moved to the another class

[Any questions regarding allowable modification or build questions should be directed towards:](#)

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[All alternative modifications will be posted on the Yellowstone Offroad Racing website for public view, as accepted.](#)