



Super-Modified Class Specs 2010

Rule changes for 2010 are highlighted in red

The following are vehicle specifications for the Super-Modified class:
(note: This class was designed for vehicles that are OEM or look compatible to OEM.)

Note: if you are planning to race during just one weekend this season, your team will not be required to have fire suits. If you ever plan to race another MOROC event weekend, you will be required to have all said equipment. This ruling allows local teams/club members to get involved with the racing side of the sport without spending a lot of money for just one weekend. All other specs are requirements for all teams. Arena races are the only exception to this rule. All indoor events require all the safety requirements listed below.

1. Tires

- a. unlimited tire size

2. Weight

- a. The vehicle must weigh a minimum of 3500lbs or must equal the weight of the OEM version of your vehicle.
- b. Use of environmentally damaging compounds, fluids, etc. is not permitted for weight in the tires. This includes Lead.

3. Frame

- a. Boxed frame mandatory from front to behind the front seats. Tube frame is allowed behind front seats.

4. Axles

- a. Axle housings must remain under the vehicle.
- b. Changes in wheelbase are acceptable.
- c. Multi steering axles are acceptable.

5. Body

- a. Hood must cover the top of the engine completely.
- b. Fenders are not required.
- c. Firewalls are required for fire safety. Firewall must cause the engine compartment to be separated from all occupants.
- d. Body panels are required to be or at least to look similar to proposed vehicle.
- e. Fiberglass is not permitted.
- f. Plexiglas hoods and windshields are not permitted.
- g. Vehicle must have floorboards.
- h. Vehicle must be OEM and look OEM.
- i. Major fender trimming is acceptable

6. Roll bars

- a. Mandatory in all vehicles.
- b. Full roll cage covering the driver and spotter with 6 point mounts is required.
- c. Cage must be designed to protect the occupants in the event of a rollover.
- d. Connection positions of the roll cage must tie in to the frame of the vehicle.
- e. Sport cages bolted to the floor or the cowls are NOT permitted.

7. Brakes

- a. The brake pedal on the floor must operate all four brakes.
- b. Cutting breaks are acceptable.

8. Fuel System

- a. Hand throttles must automatically return to the non-throttle position.
- b. Fuel cells are required.
- c. Vented gas caps are not approved.
- d. Nitrous oxide is permitted.
- e. Propane is permitted.
- f. Alcohol-based fuels are permitted.

9. Seating

- a. Vehicles must have 2 front adult seats that sit side by side.
- b. Suspension seats are mandatory.
- c. Seats must be mounted to the frame.
- d. Head rests are mandatory.

10. Safety Belts

- a. Must be worn tight by both driver and co-driver at all times.
- b. Must be free of tears or cuts.
- c. Attachments must be in safe working order.
- d. Full body harnesses are mandatory. 4-point harnesses are acceptable.

11. Winches

- a. Winches are not mandatory but strongly encouraged.
- b. Both rope and wire winch cables are acceptable, but MOROC encourages using rope for safety.
- c. Winches equipped with wire cable must have a winch weight and a tree saver in the vehicle.
- d. Winch weights must be bought as such. Coats, shirts, tow straps, etc; will not be allowed to be used as winch weights.

12. Fire Extinguisher

- a. Two fire extinguishers are mandatory per vehicle.
- b. They must be easily accessible.
- c. They must be fully charged.
- d. They must be easy to remove from their mounts.
- e. One extinguisher must be in easy reach of driver.
- f. The other must be within easy reach from someone outside the vehicle.

13. Window Nets

Nets are not required for this class, but they are strongly encouraged.

- a. Window netting to protect driver and spotter.
- b. Tight mesh or ribbon style window nets are acceptable.
- c. They must fill the window opening protecting each team members head, shoulders, and arms.
- d. All window net mounts must be welded to the roll cage.
- e. The window net, when in the closed position, must fit tight and be secured with a quick release type of safety latch.
- f. Velcro is not permitted.

14. Helmets

- a. Team members riding inside the vehicle must wear helmets that cover at minimum 3/4 of head. Full face helmets are encouraged.
- b. Spotters outside the vehicle may wear bicycle helmets.
- c. Helmets with chinstraps are required
- d. Dot approved helmets are mandatory for the driver and spotter.
- e. Drivers and spotters are required to wear helmets at all times while on course.

15. Neck Brace

- a. Neck braces are mandatory for all riding occupants.

16. Fire Suits

- a. **Minimum single layer (minimum 2 piece) cotton Fire suit similar to the SFI-1 rating**

b. Mandatory for all riding occupants.

17. Stickers

- a. MOROC will ask that all competitors run the event sponsor stickers on their vehicles, but it is not required.
- b. All competitors must run 1 MOROC sticker on each side of their vehicle located either on the cowl or near the cockpit. Stickers provided by MOROC.

18. Vehicle Numbers

- a. Vehicle numbers must be displayed on the right and left sides of the vehicles.
- b. All teams will either provide a team number or will be provided one. It is the competitor's choice.
- c. No two teams will have the same number.

19. Spotter

- a. Teams are defined as **two team members**.
- ii. A spotter is the team member who provides the driver with information about how to make it over obstacles and provides direction through the course safely and quickly. The spotter can also choose to ride inside the vehicle providing directions and controlling levers. It's the teams choice per course.
- b. Spotters are only required to wear bicycle helmets outside the vehicle, but must wear a minimum of a ¾ face helmet while riding.
- d. If the driver gets hurt, the team is then allowed a replacement person to take over the responsibilities of the driver.**

20. Safety wear (requirements)

- a. Minimum single layer (minimum 2 piece) cotton Fire suit similar to the SFI-1 rating**
- b. Minimum 3/4 Helmet
- c. Neck support device
- d. Engine shut-off device to disconnect the battery (inside the vehicle)**
- e. Four point harnesses

Fees for 2010:

Entry Fee

The entry fee for the Super-Modified class is a total of **\$115 per event if prepaid before the deadline, 3 weeks before the event. If paying after the deadline, the event fee is \$150. Note that \$100 of the \$110 collected per driver, in cash form only, will be added to the event purse that will be distributed between the winners.**

Distribution goes as follows.

- First Place..... **50%**
- Second Place... **30%**
- Third Place..... **20%**

Finals Fee

The finals fee is non-negotiable. There is a \$15 finals fee that all teams must pay as part of their event entry fees. This \$15 will be paid out to the winners at the US Finals event in Hot Springs. Teams who race in 5 or more events during the season will be credited the finals fees paid and will not be required to pay any additional fees.

In the event there are less than 4 teams in this class at any event, the payout will be as follows.

Only 2 teams competing

- First Place..... **100%**
- Second Place... **0%**

Only 3 teams competing

- First Place..... **80%**
- Second Place... **20%**
- Third Place..... **0%**

Late Registration Fees

-Late registration fees are \$40 per vehicle. Teams can avoid this fee if they prepay for the event. The check must be received 3 weeks prior to the event. If paying at the event, teams must pay in cash form only.

Exact breakdown of fees:

Preregistration Event Fees

\$100 Event fee

\$15 Finals fee

\$115 per event Note: most race weekends consist of two events.

Late Registration Fees

\$100 Event fee

\$40 late registration fee

\$15 Finals fee

\$155 per event Note: most race weekends consist of two events.