

American Muscle Cup Racing Series

Safety Inspections

(Appendix D)

All competing vehicles must pass a safety inspection (tech inspection) at every event. If a car fails to pass the safety inspection it will not be allowed to participate in the American Muscle Cup Racing Series until it is repaired. The safety inspection does not entail checking the legality of the car for its class.

Section 1: Inspection Requirements

- 1.) All helmets must be SA Rated, SA2010 or better. M rated helmets are not acceptable.
- 2.) All vehicles participating in Unlimited class with a gutted interior must provide their racing suit at time of inspection.
- 3.) Driver restraints are required in all cars and must follow the following protocol:
 - a. Stock lap belts / 3-point belts are acceptable with all seats but are NOT recommended for use with fixed back seats.
 - b. Non-ASM 4-point harnesses are NOT acceptable
 - c. ASM 4-point harnesses designed for that specific chassis of vehicle are acceptable as follows:
 - i. Equipment Manufacturer recommended harness angle is maintained
 - ii. Equipment Manufacturer recommended seat style is used.
 - d. All racing harnesses (5-point, 6-point, etc.) require the following:
 - i. A securely mounted harness bar or roll bar/roll cage
 - ii. Aftermarket Racing Seats (SFI or FIA certification highly recommended)
- 4.) Vehicles equipped with a convertible top or T-Tops require a roll bar /roll cage.
- 5.) All batteries should be securely attached to the vehicles frame. Positive terminal lead should be insulated (covered).
- 6.) No tires may show any signs of cording, exposed belts, or foreign objects embedded prior to entering the racing surface.
- 7.) Wheels must be safely affixed to the vehicle. All lugs and studs must be present on the vehicle.
- 8.) Pedal operation must not be obstructed. All floor mats must be removed to provide proper function.
- 9.) All loose items, inside and outside of the vehicle must be removed.
- 10.) No excessive oil or water may be observed from the vehicle. Any observation of leaking brake fluid is not acceptable.
- 11.) Brakes must have an adequate resistance to pedal pressure and sufficient fluid in the reservoir.

- 12.) Throttle Spring must be securely attached to the throttle body and in good working operation.
- 13.) Wheel bearings and all other steering related items must be in sufficient order.
 - a. Steering wheel should provide adequate resistance when rotated
- 14.) Wheels may not show any signs of obvious structural damage (cracks, bends, etc.)
- 15.) American Muscle Cup Racing Series Number Plates affixed to the vehicle
 - a. If no number plates are affixed, the safety inspectors will have them onsite for purchase and application

Section 2: Annual Safety Inspections

All drivers competing in the American Muscle Cup Racing Series have the option during the calendar year to complete a single safety inspection for the entire season. Vehicles must meet certain requirements to be eligible for an annual tech inspection as well as the driver must pay the fee for the inspection.

Requirements:

- 1.) American Muscle Cup Racing Series charges a small fee for Annual Safety Inspections. This will be collected at the time of the Annual inspection.
- 2.) Vehicle must be presented to the Annual Safety Inspector in the same condition that it will be competing. If the vehicle is altered after the inspection the car **MUST** be retech'd (at a cost) to verify that the changes are acceptable.

When a vehicle meets the requirements and passes the annual inspection, it will receive our AMC annual tech sticker to apply to the windshield as well one to apply to their helmet (if the driver is NOT using a helmet supplied by AMC) given that it meets the requirements (Appendix D, Section 1, Line 1).

