

## Vehicle Safety 2018

**Driver Restraint** – Seat lap belts are the minimum acceptable driver restraint. Open top cars without roll bars shall not have two-strap (4 point) shoulder harnesses.

**Roll Bars** – Roll bars are recommended for those who are going to be serious about competition events. All open Prepared category cars without a windshield shall be required to have a roll bar.

**Safety Inspection** - All vehicles must pass a safety inspection on the following points before being allowed to compete. It is not up to the safety inspector to classify the car. It is recommended that the successful completion of the safety inspection be indicated by a small decal or sticker applied to the windshield or roll bar of the vehicle.

**Loose Items** – All loose items inside and outside the car shall be removed or secured. This shall include floor mats, passenger seat backs, tools, spare tires, etc.

**Trim rings** – Trim rings, snap-on hubcaps, and detachable fender skirts must be removed.

**Wheels and Tires** – Wheels shall be safely attached. All lugs and studs shall be present and functional. There shall be no missing or broken spokes on wire wheels. One loose spoke per wheel is permitted. There shall be no cracks in disc or cast wheels. Wheel bearings shall be in good condition. Tires shall have no cord showing at any time. Cars with cord showing will not be permitted to continue.

**Engine and Drivetrain** – There shall be no visible fluid leaks when the car is running. Throttle return action shall be safe and positive.

**Brake System** – There shall be no visible leaks of brake fluid at any point in the system. Brakes should have adequate pedal height and firmness. Sufficient fluid shall be in the brake master cylinder.

**Battery** - The battery shall be securely fastened.

**Camber Compensators** – For safety reasons (to avoid rollovers), camber compensators, negative camber or axle limit straps are strongly recommended on all stock class vehicles equipped with swing axle type suspensions. They are required on all swing axle Modified or Prepared vehicles.

**Tonneau Covers and Convertible tops** – Tonneau covers must be removed or at least not covering the area in front of the seat back. Convertible tops must be down except in cases of precipitation. This is for safety reasons.

**Identification** - Cars shall be identified either via markings on the passenger side of the windshield or on both sides of the vehicle. Markings in either case should include the car # and class in a form legible from the timing and scoring station. The addition of sponsorship 'advertisements' is permitted.

**Mufflers** – Adequate mufflers are required. 'Adequate' is defined by sound level, not the construction. Any vehicle deemed too loud by the Event Chairman for the event may be required to add muffling or prohibited from competition. Remember, we're trying to be nice to the neighbors.

## Driver Safety

The primary purpose is to assure a safe event. With this in mind, we require the following driver safety precautions.

Helmets – Helmets complying with Snell Foundation approval or Federal Specification Z-90.1 or D.O.T. shall be worn while on the course. Loaner helmets should be available for drivers not having their own.

Seat Belts – Driver restraints as previously specified shall be worn while on course.

Eye Protection – A face shield, goggles, or similar face protection shall be worn by persons competing in any car with other than a stock windshield.

Clothing – Closed footwear (no sandals) shall be worn. On closed road racing circuits, long pants shall be worn. Clothing of natural fiber is preferred.

Access to site - Only authorized personnel who have signed any necessary waivers or insurance release forms will be allowed on the course or hazardous areas during competition.

Safety Instructions – Anyone not following instructions by autocross workers in regard to safety will be disqualified and/or evicted from the site.