

## **E. Modified Category**

Modified Rear Wheel Drive (MR)

Modified Front Wheel Drive (MF)

Modified All Wheel Drive (MA)

Note to competitors: For any vehicle that has undergone extensive weight reduction, it is highly recommended that rollover protection consistent with SCCA Time Trials Level 2 or greater be installed.

### *Preparation Requirements:*

- 1. Eligible vehicles must meet one of the following requirements:*
  - a. Eligible vehicles are defined in section 3.1. Vehicles with modifications beyond the limits described in this section are ineligible for Modified.*
  - b. Any eligible (per section 3.1) log booked race car/truck currently legal for stage rally competition in other sanctioning bodies (as approved by the SCCA RXB) may run in its appropriate Modified class regardless of whether it meets the Modified rules.*
  - c. Stock and Prepared class vehicles are eligible to compete in Modified.*
- 2. Requirements of the safety section 3.2 must be met. (i.e. this section includes seat belts, batteries and more.)*
- 3. The shape of the body must remain recognizable as that of the manufacturer's make and model (not specific to sub-models and/or editions). For example, a Subaru Impreza WRX STi must at least resemble a Subaru Impreza.*
- 4. Defining features such as grilles, headlights, taillights, etc. or facsimiles thereof must be visually represented. Decals, stickers, outlines, paint, etc. meet this requirement. Spoilers, wings, side skirts, etc. are not considered defining features.*
- 5. Metal bumpers not integral to the body work (example classic VW Beetle) are not required to be present. Bumpers/bumper covers integral to the body work must resemble the OEM shape.*
- 6. External body openings caused by the removal of components must be fully covered with a wire mesh screen (maximum 1 square inch opening), fiberglass, metal, carbon fiber, and/or OEM type plastics. This does not apply to window openings.*
- 7. Any engine installed must be in the OEM engine bay.*
- 8. Structure of the passenger compartment as defined by vehicle pillars, frame rails, front bulkhead, floor pan, and the inner and outer roof structure must be unmodified except for installation of suspension mounts, and fluid lines/hoses/vessels as permitted in 3.3.E.9. All vehicle pillars must be present. Not including vehicle pillars, structure outside of the passenger compartment OEM front bulkhead and center of rear axle is not considered part of this requirement provided the modification(s) do not affect the passenger compartment. Commercially available floor plan drop*

*modifications kits are allowed for driver side of vehicle. Commercially available kits that add a rear differential to FWD cars are allowed.*

- 9.** *Any minimal minor modification, intended to allow or facilitate any allowed modification, is permitted as long as it does not provide any intrinsic performance benefit in and of itself, and is not explicitly prohibited elsewhere within these rules. This rule is intended to allow minimal minor notching, bending, clearancing, grinding; the drilling of holes; affixing, relocating, or strengthening of brackets; removal of small parts and similar operations performed in order to facilitate the installation of allowed parts or modifications.*
- 10.** *Vehicle roof must be present and retain OEM strength.*
  - a.** *Vehicles with deleted sunroofs (replaced with new material) must meet or exceed the OEM roof skin strength of non-sunroof models.*
  - b.** *Roof skin (if replaced) must be made of mild steel (minimum thickness 18 gauge) or aluminum (minimum thickness: 0.065"). Other materials to be approved by the RXB.*
  - c.** *Roof vent kit(s) may be installed but inner roof structure may not be modified.*
- 11.** *T-top/Targa top vehicles must retain OEM T-top/Targa panels.*
- 12.** *It is highly recommended that convertibles be equipped with a roll bar meeting Time Trials Level 2 requirements. This recommendation will become a requirement effective January 1, 2024. Convertibles require a hardtop that meets one of the two following requirements:*
  - a.** *OEM hardtop with OEM rear window.*
  - b.** *A non-OEM hardtop of a type substantially similar to the shape, design, construction, and weight of the OEM hardtop if the vehicle is equipped with a roll bar built to current SCCA Time Trials level 2 specifications or better.*
- 13.** *Vehicle driver door and passenger door (if passenger seat is present) must meet the following requirements:*
  - a.** *The driver door and passenger doors (if a passenger seat is present) must maintain sufficient functionality to allow safe ingress/egress.*
  - b.** *Doors must utilize automotive hinges and automotive latches.*
  - c.** *Doors must latch securely and door latch must be operable by a self-returning mechanism on both the inside and outside of the door.*
  - d.** *Door latches must require deliberate movements to operate and not operate with inadvertent contact.*
  - e.** *The anti-intrusion bars, window mechanism, and inner door skin are not required to be present. If anti-intrusion bars are removed, a roll cage meeting Time Trials Level 3 is recommended.*
  - f.** *Doors must have structural component(s) spanning between the A and B pillars of the door such that the door supports itself when open.*

- 14.** *Windshield must be OEM glass (or equivalent) or may be replaced with minimum 3/16" clear polycarbonate (Lexan or equivalent) with addition of a full roll cage built to SCCA Time Trials Safety Rules Safety Level 3 or better.*
- 15.** *Other windows flanking the driver (or passenger) must be OEM glass (or equivalent), minimum 1/16" clear polycarbonate (Lexan or equivalent) or removed. If removed see rule 3.2.D.*
- 16.** *Hoods, trunks, hatchbacks, quarter panels, front fascia, rear fascia, fenders, doors, and rocker panels may be modified or replaced but not removed. Vehicle must still meet the appearance rules 3.3.E.3 through 3.3.E.6.*
- 17.** *The exterior body panels must be constructed of materials such as steel, aluminum, fiberglass, carbon fiber, and OEM type plastics. Other materials must be approved by the RXB.*
- 18.** *Modified exterior and interior components that the driver, passenger, crew, course worker, etc. may physically contact must be properly insulated/shielded to prevent injury.*
- 19.** *Hoods, trunk lids, and rear hatches must be securely latched/fastened.*
- 20.** *The driver's seat must be securely mounted to the structure of the vehicle and be installed per the seat manufacturer's requirements. A passenger seat is not required but if installed must also be securely mounted. Seats must be intended by their manufacturer for automotive use and appropriately sized for driver and passenger (if present).*
- 21.** *If present, aerodynamic devices, including wings, splitters, spoilers, and spats, and any such devices used must be securely mounted to the vehicle. Aerodynamic devices must be constructed of materials such as steel, aluminum, fiberglass, carbon fiber, and OEM type plastics. Other materials must be approved by the RXB.*
- 22.** *The vehicle must operate on a minimum of 4 wheels and tires.*
- 23.** *Vehicle must be able to operate in forward and reverse.*
- 24.** *Drive wheels must be powered by an internal combustion engine(s). Alternatively, production-based hybrid vehicles (e.g., Toyota Prius) and production-based electric vehicles (e.g., Nissan Leaf) are allowed, but electric power plant components (motors, controllers, batteries, etc.) and wiring must not be altered or modified.*
- 25.** *If engine air is drawn from inside the cabin, cabin must have a fresh air inlet (equivalent or greater in area than the engine air inlet) and an air box (with filter) must be installed.*
- 26.** *Exhaust must exit outside the body work, not interfere with or impair the driver during vehicle operation and vehicle egress, and comply with local noise ordinances. The engine exhaust must be shielded from the passenger compartment by a firewall.*
- 27.** *Permitted fuel types are gasoline, ethanol, and diesel. Any non-stock fuel*

*cell, filter or pump located in the passenger compartment must be shielded by a metal bulkhead. Any fuel lines running through the passenger compartment must be of metal, metal braided, or original OEM construction and securely fastened.*

**28.** *The fuel tank/cell/storage container must not be pressurized. The fuel tank/cell/storage container vent must not allow fuel vapor into the passenger compartment.*

**29.** *The steering wheel must act on the front wheels by means of a mechanical linkage.*

**30.** *Brakes must comply to section 3.2.K.*

**31.** *Any fluid lines running through the passenger compartment must be of metal, metal braided, or original OEM construction and securely fastened.*