

RACING MEMO

ISSUED: April 30, 2020 **NUMBER**: RM 20-04

FROM: Board of Directors

TO: All Participants

SUBJECT: Fire Systems

In GCR Section 9.3.22. FIRE SYSTEM, make changes as follows:

All cars shall be equipped with an On-Board Fire System except T3, T4, STL, Spec Miata, B-Spec, and Improved Touring.

A. On-Board Fire System Requirements

It is recommended that all other cars Cars registered after 1/1/09 shall comply with the following employ onboard fire systems that meet the following requirements:

- Systems certified to SFI specification 17.1 or 17.2, or
- Those listed by the FIA on Technical List No. 16

The following information must be visible of the unit:

- Certification label
- Capacity
- Type of extinguishing agent
- Weight, or volume, of the extinguishing agent

The following is acceptable for cars registered before 1/1/09:

On-board fire systems shall use Halon 1301 or 1211, with a five pound minimum capacity (by weight). Alternatively, on-board fire systems may use AFFF or equivalent surfactant foam material, 2.25 liter minimum capacity (by volume). All-AFFF fire system bottles, except non-pressurized AFFF systems with CO2 propellant, shall incorporate a functional pressure gauge and shall be marked with the manufacturer's recommended "filled weight." CO2 cartridge propellant fire extinguishing systems are permitted provided that the seal of the manufacturer specified CO2 cartridge is not punctured and the fire bottle is equal to the weight specified by the system manufacturer.

Cars shall meet the following:

- 1. The fire system cylinder shall be securely mounted in such a manner that it can be checked during a technical inspection and may be removed for weighing periodically for compliance to full weight shown on the cylinder. (Weight is without valve assembly.)
- 2. Manual or automatic release is allowed. The release mechanism shall be within reach of the driver when belted in the car.
- 3. All on-board fire systems shall be identified with a circle "E" decal.
- a. In GT and Production cars, two circle "E" decals may be required—one at the release location and the second on the outside bodywork in line with or as near to the release location as possible.
- b. In Formula and Sports Racing cars, a circle "E" decal shall be located on the outside bodywork as near to the release

location as possible.

- 4. There shall be a minimum of two nozzle locations—one in the driver's compartment and one in either the engine area or the fuel cell area. The nozzles shall be suitable for the type of extinguishing agent used.
- 5. The firing safety pin(s) shall be removed from all on-board fire systems prior to going on track. It is recommended that a warning tag be attached to the safety pin to remind the driver to remove the safety pin before entering the racing surface.
- 6. All fire systems shall be serviced according to manufacturer's specifications.