



Technical regulations for cars participating in the ARC Endurance

1. General

The series is open to touring, sporting, GT and special sports and racing cars, or vehicles derived from these categories or modified if they comply with other provisions and regulations of the ARC Endurance. Formula cars with exposed wheels are not allowed.

2. Scope of permitted modifications

The scope of modifications is not limited. Design changes to the vehicle must always be made in such a way that they do not obviously reduce its safe use. The modifications made are always assessed by the technical commissioner delegated by the race director during the technical inspection of the vehicle before the race.

3. Engine capacity

There is no limit to the engine capacity. However, the engine capacity must always be truthfully declared by the participant, as well as the engine filling system. In the case of participation of cars equipped with a turbocharger/supercharger, the following coefficients will be used to calculate the recalculated engine capacity for inclusion in divisions:

Petrol engines	c. 1,5
Diesel engines	c. 1,2
Wankel engines	c. 2,0

(for the sum of the capacity of all combustion chambers according to the engine manufacturer's specifications)

4. Mandatory vehicle equipment

- 4.1. Fire extinguisher with a fire extinguishing agent content of at least 2 kg. The fire extinguisher must be securely fastened in the vehicle within reach of the seat-strapped driver so that it can be used without the use of tools or other means. A fire extinguishing system with extinguishing agent distribution is recommended as a higher protection for both the driver and the vehicle, provided that the outputs from this system are directed primarily to the driver of the vehicle. The minimum capacity of the fire extinguishing system is 3 kg. It is forbidden to use fire extinguishers with water, BCF and NAF fillings. Access to the fire extinguisher or to the activation element of the fire extinguishing system must always be visibly marked with the symbol according to Annex No. 1.
- 4.2. The vehicle must be equipped with a freely accessible towing eye or strap with sufficient load capacity at the front and rear. The towing eye must not

extend beyond the outer contour of the vehicle's base body without aerodynamic elements. A folding eye is recommended. The towing eye must be immediately usable, only the extension of the towing eye from the basic position without the use of tools is permitted. The position of the towing eye must be visibly marked on the vehicle with a red or yellow arrow with a size of at least 120 mm according to Annex No. 1.

- 4.3. Seat belts, at least four-point belts. The belts must not be visibly damaged and must be properly anchored to the body or safety frame of the vehicle. Anchoring the belts to the seat holders is not permitted!
- 4.4. The vehicle shall be equipped with at least one Targa type safety arch, properly anchored to the body of the vehicle. It is recommended to equip the vehicle with a safety frame according to Annex "J" according to the FIA.
- 4.5. Sport, racing seat of the driver or passenger. The seat must not be visibly damaged by an accident, but time homologation is not required. The seat must be properly fastened at all attachment points to the body or seat travels.

5. Permitted Modifications

- 5.1. Engine. The engine can be modified in any way you like. If there is a change in engine capacity, it is the team's responsibility to declare this when the vehicle is entered into the race.
- 5.2. Gearbox and clutch. Modifications to the gearbox and clutch are arbitrary, the original gearbox can be replaced by a gearbox of a different type.
- 5.3. The Vehicle's chassis is arbitrary. Individual elements of axles, shock absorbers and stabilizers can be freely modified so as not to affect the safety of the vehicle's operation.
- 5.4. Wheels are arbitrary. The attachment of the wheels is arbitrary. Wheels in a straight line of steering must be covered by mudguards from the top view.
- 5.5. The braking system is arbitrary as long as it includes at least two independent brake circuits. Brake regulators and assistance systems are arbitrary.
- 5.6. Vehicle body and skeleton. It is not allowed to lighten the vehicle skeleton by removing the basic building material. Reinforcement of the skeleton, its clamping and suspension points is allowed without restriction. Body panels, doors and lids can be replaced with aluminium or plastic parts. All windows, with the exception of the front window, can be replaced with plastic alternatives.
- 5.7. Additional lighting is arbitrary.
- 5.8. The interior of the vehicle, the dashboard and its equipment are completely arbitrary. The driver's door must not contain freely accessible sharp edges on the inside.
- 5.9. Pneumatic lifting of the vehicle is permitted. Only an external source of compressed air may be used to drive it. Compressed air cylinder in the vehicle is not permitted.
- 5.10. Fuel tank and fuel distribution. The fuel tank, or tanks, are arbitrary. The fuel openings must always be located outside the vehicle. Tanks built into the crew compartment must be protected against damage together with the

fuel supply to the tank. The tank vent must always be led out of the interior of the vehicle using the FIA safety valve or using the "Siphon" system so that fuel leakage into the crew compartment is prevented in the event of the vehicle overturning. Fuel distribution must be carried out in a safe manner so as to protect it from damage. Fuel distribution through polyethylene hoses is prohibited! The maximum permissible volume of the fuel tank(s) is determined by the following table:

Division 2	100 l
Division 3	110 l
Division 4	120 l
Division 5	100 l
Division 6	120 l

It is permitted to equip the fuel system with a Catch Tank stabilization tank with a maximum volume of 2% of the total permitted volume in each class.

- 5.11. The Vehicle's electrical system is arbitrary. It must be equipped with an outdoor disconnect of the power supply, the connection of which must be carried out in such a way that its activation disconnects the power supply and stops the engine. The location of the disconnect must be marked with a symbol according to Annex No. 1.

6. Another mandatory vehicle equipment

- 6.1. The windscreen must not be replaced. The original homologated window must be retained.
- 6.2. The windscreen wiper(s) must be maintained and fully functional.
- 6.3. The lighting of the vehicle must be fully maintained and functional, including turn signals and brake lights.
- 6.4. Exterior bonnet locks shall allow the engine compartment to be opened without restriction.

- 7. Tires.** Tire sizes are arbitrary. SLICK tires are only allowed in Division 6. In other divisions, only tires with any TRANSVERSE tread pattern are allowed. The tyre tread must not be cut afterwards! In the event of a "wet race", the competitor is obliged to use the appropriate tires with a tread.