

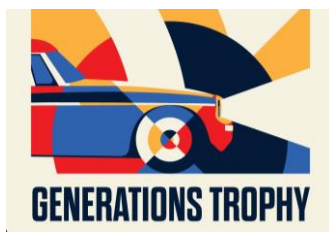
Technical Regulations 2025

Based on Homologation Forms 72 & 198

And Appendix IX of FIA 2025 Appendix K for Competition Grand Touring Cars.

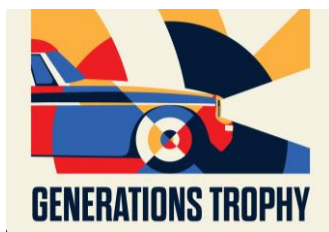
What is not authorized by the regulations or by the Appendix K is forbidden.

		Notes
Minimum weight	950 kg minimum, with driver on board, measured at any time during the event.	- Ballast : 50kg maximum, sealed in the car
Wheels diameter	5.50 x 14'	- Wire wheels or Minilite alloy wheels
Brakes/Calipers	Original Lockheed caliper design and pad size.	- Pistons FRONT > ϕ 53.98mm - As per FIA Homologation Form 72 or 198 - Pads dimensions : lenght 79mm, width 49mm - Uprated brake pads, lining and hoses are allowed.
Front disc brake Diameter	273mm / thickness 8,7 mm.	- Solid Disc– non ventilated – non grooved – non drilled - Backing plates may be removed at the FRONT and drilled at the REAR through a maximum of two 35mm diameter holes each side.
Rear drum brake shoe Diameter	254mm	- Brake ducting is allowed using a backplate type air flow guide, no additional air feed, boa or enclosed boxing may be added for the cooling purpose. In any case, the purpose of brake cooling may not alter the bodywork of the car. - A functional and mechanical handbrake system must be fitted.
Pedal Box	Dual circuit allowed, without modification of the position or attachment of the pedals or structure or car's body, as per Appendix K.	- Brake Bias adjustment must be removed from the dashboard and cannot be operable from the driver's seat.
Maximum front track	1250 mm	
Maximum rear track	1250 mm	
Ride height	100 mm (without exhaust system)	- Mandatory at any moment of the meeting - Tyre pressure +/- 2 bars/30psi - Appendix K – Appendix VI / Art 2.9.2
Anti-roll bars	- Front only - Diameter : 20mm max - One piece only / Not adjustable	- Shape must conform to period - A control pass through hole either side of the bar must be provided to check that the assembly is not hollow
Maximum capacity / Bore / Stroke	1854 cm3 / 81.46mm / 89 mm	- Cast iron block - Sump may be baffled to prevent oil surge. - Engine capacity certificate is mandatory
Crankshaft	- Original, as per period - Minimum weight (with bolts): 17,3Kg (Hom.72) / 15Kg (Hom.198)	- Appendix K – Appendix IX / Art 5.8 - Weight : +/- 5% of tolerance for weight, as per Appendix K
Flywheel	Minimum weight (with bolts): 9.75Kg (Hom.72) / 13.18Kg (Hom.198)	- +/- 5% of tolerance for weight, as per Appendix K
Timing	Original, as per period	
Valves	- ϕ 39.8mm intake / ϕ 34.23mm exhaust (Hom.72) - ϕ 39.68mm intake / ϕ 33.11mm exhaust (Hom. 198)	- Port size to be standard, as per FIA Homologation Form (each, +/-1mm): - Hom.72: Admission 33.33mm / Exhaust 29.37mm - Hom.198:Admission 33.35mm / Exhaust 29.68mm - Camshaft profile free



Rods / pistons	- Piston : minimum weight (with rings and pin) : 558gr (Hom.72) / 538gr (Hom.198) - Rod : minimum weight : 1020gr	- +/- 5% of tolerance for weight, as per Appendix K - Conrods must be of I beam type - Distance from gudgeon pin centre line to highest point of piston crown must be of 42.07mm +/- 1mm - Forged pistons allowed
Intake	- x2 SU HS4 / Homologated type intake manifold. Flange holes: At carburetor : 38.89/36.512mm (conical) / At port : 35.72/33.34mm (conical) OR - X1 Weber 45 DCOE or 48 DCOE / Intake manifold length must be of a maximum of 125mm Flange holes : At carburetor :45mm / At port : 33.34mm	
Ignition	- Distributor free - Rev limiter mandatory: MSD 6AL (ref: MSD PN 6425 or 6420) mandatory.	- Mechanical spark advance/timing only - All internal engine sensors forbidden - Maximum 7000 rpm, to be checked at anytime during the event.
Oil cooler	- 1 maximum authorized, - Oil pump free, - Oil lines diameter free.	Oil pump is free provided it is a direct replacement for the original pump.
Gearbox / Transmission	- BMC Standard 3 synchros, 4-speed gearboxes OR 4 synchros, 4-speed units as fitted to later wide tunnel cars. - Helical or straight cut gears allowed	- Gearbox ratios as per FIA Forms - Lever and linkage conform to period specs - Shift light allowed – One bulb only – No progressive systems
Dampers / Drivetrain	Single adjustable lever arm dampers	- Reinforcements on the body forbidden - Springs are free but must remain of the original production diameter.
Exhaust manifold	- Exhaust manifold must be of the type homologated; tubular construction is allowed. - Single tube design must be a straight tube with a single bend to go over the Y section.	- Y section (ends) diameter of flange hole at port = 30.16mm X 36.513mm - Centre section = 33.34mm X 36.512mm - Diameter at flange hole connection to silencing pipe = Twin 41.275mm - Noise limit : 105dB(A) max (in dynamic) - Ports diameters : +/- 1mm of tolerance
Rear axle	LSD Salisbury - Original differential only	System "Torsen" (Helical ATB from Quaife) forbidden
Bodywork	- Steel only - Bonnet, boot and door hinges must be retained. - Aluminium skin bonnet may be fitted. - GRP bonnet, front wings and boot lid may be fitted.	- Sebring type headlights cover may be fitted. - 3 rear view mirrors mandatory : one central, windscreen-mounted + one on each door - Cooling ducts out of the front valance forbidden – Must be within the shape of the car - Interior trim (dashboard, door panels) should conform to period specs as much as possible
Roll cage	6 mounting points mandatory, maximum and minimum authorized.	Cage bolted or welded to the body, as per FIA Appendix K - Appendix VI -Article 1.2.3.3.1.
Windscreen	Only laminated glass	Polycarbonate and tempered glass forbidden
Side glasses	Laminated glass or polycarbonate	Thickness : 4mm minimum
Tyres	550 L14 – Maximum 5 new tyres per event	Dunlop CR65 L Section
Number of engines	Maximum 2 engines per season	Head sealed to the block

*Weight tolerances – only applicable at weighing of the parts during checks, that due to all scales having a fault ratio.



Interior trim (dashboard, door panels) should conform to period specs as much as possible – Examples:



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