

Morgan Challenge Technical Regulations 2024		
	Motorsport UK Blue Book Regulations apply to all appendices	
Para	<u>Applicable to all Traditional Steel Chassis Specifications (Not Aero or CX)</u>	
5.2	<u>Permitted - Only If it shows "√"</u> <u>Prohibited - If it shows "X"</u>	
5.5	<u>General</u>	
5.5	<u>Chassis</u>	
5.5	Steel Z section ladder chassis with cross member box sections of a type produced by MMC and matching its dimensions	√
5.5	Galvanising of Chassis	√
5.5	Localised modifications to rear spring front hanger cross member to facilitate fitment of a race seat	√
5.3	Scuttle Hoop	√
5.3	Single door bars	√
5.6.1.1	Simple Metal Floor as a direct replacement of standard boards max 3mm thickness	√
5.6.1.1	Simple Metal Floor panel under seat (3mm steel or 6mm Ali) to facilitate seat mounting	√
5.6.1.1	Non standard repairs, localised reinforcing of exhaust exits - Tec Com to approve.	√
	Bodywork	
	General	
5.6.1.3	Optional Removal of Windscreens & Fitment of Aero Screen	√
5.6.1.1	Removal of Spare Wheels, Tools & toolboxes	√
5.6.1.3	Removal of bumpers	√
5.6.1.2	Removal of Trim	√
5.6.1.2	Internal trim panels - Ali, Ply or Carbon fibre	√
5.6.1.1	Gearbox & prop shaft tunnels - Free	√
5.6.1.1	Modify inner wing valance for Exhaust manifold exit	√
5.6.1.1	Cooling ducts to Inner wing valances	√
5.6.1.2	Replacement of rear parcel shelf & bulkhead with Ali panels - Std configuration	√
5.6.1.2	Non standard seat for driver	√
5.6.1.2	Extensions to throttle, brake & clutch pedals (to aid foot control)	√
5.6.1.4	Spare wheel aperture cover	√
5.6.1.4	Plus 4 super sports style front valance (to protect oil cooler) - Drawing 2, Appendix 3	√
5.6.1.4	Plus 4 super sports style front valance with additional brake cooling holes - Drawing 2, Appendix 3	√
5.6.1.4	Hardtop	√
5.6.1.1	Alloy or steel wings	√
5.6.1.1	GRP Wings (min 2mm thickness)	√

5.6.2	<u>Bodywork Prohibited</u>	
5.6.2.4	Rear mounted aerofoils or spoilers	x
5.8.1	<u>Suspensions</u>	
5.8.1	Match a Std Morgan Front frame in material & dimensions	✓
5.8.1	To open the loop of bottom lug to facilitate camber adjustment	✓
5.8.1	Frame front top stays	✓
5.8.1	Morgan king pins & stub axles	✓
5.8.1	Hard chrome king pins	✓
5.8.1	Adjustable camber plates	✓
5.8.1	Shock absorbers - Single or Double action adjustable damping i.e. bump & rebound (No remote reservoirs)	✓
5.8.1	Front Spring Rates - Free	✓
5.8.1	Front Spring Lengths - Free	✓
5.8.1	Front 1.8" SUPLEX 'Race coils' kit with adjustable platform	✓
5.8.1	Rutherford rear damper mounting brackets	✓
5.8.1	Std Morgan Rear damper mounting hoop	✓
5.8.1	Use of axle Lowering blocks and or centralising block	✓
5.8.1	Panhard Rod	✓
5.8.1	Use of H/Duty U-Bolts	✓
	<u>Transmission</u>	
5.9.1	Live rear axle - Salisbury or BTR with LSD, Plate, Quaife or TBD	✓
5.9.1	Salisbury or BTR - Semi floating rear hubs - Steel	✓
5.9.2	<u>Transmission Prohibited</u>	
5.9.2	No Aluminium or Carbon Fibre prop shafts	x
5.9.2	Differentials may not be electronically controlled	x
5.9.2	The use of any-electronic traction control device	x
5.9.2	Fully sequential gearboxes are not permitted	x
5.11	<u>Brakes</u>	
5.11.1	Linings free	✓
5.11.1	Racing brake fluid	✓
5.11.1	Grooved or Dimpled discs (not drilled)	✓
5.11.1	Aeroquip type hoses	✓
5.11.1	Repositioning & modifying of handbrake lever to enable operation when seated in car	✓
5.11.1	Fitting of twin brake master cylinders & balance bar - adjustable by driver when seated in car	✓
5.11.1	Fitting of dual circuit or twin brake master cylinders & balance bar - non adjustable by driver when seated in car	✓
5.11.1	Fitting in-line pressure limiting valve - non adjustable by driver	✓
5.11.1	Change of rear wheel cylinders	✓
5.11.1	Mechanical, hydraulic or Electric handbrake	✓

5.11.2	<u>Brakes Prohibited</u>	
5.11.2	Ceramic or Carbon brake disks	x
5.11.2	ABS	x
5.10	<u>Electrics</u>	
5.10.1	Exterior lighting must meet Road Traffic Act and or MSA regulations	√
5.10.2	Rear Fog must meet MS UK Regulations apply	√
5.10.3	Batteries position & type free - MS UK Regulations apply	√
5.10.4	Fully working generators - Type and make of generator free, MS UK regulations apply	√
5.10.4	Generator pulleys - Free	√
5.7.7	Fully working starters Free - MS UK - Regulations apply	√
5.12.6	Removal or deactivation of fuel inertia cut out switch	√
5.12.6	Remove, deactivate steering lock	√
5.12.6	Repositioning of ignition and starter switch	√
5.6.1.2	Supplementary gauge permitted i.e. Oil temp gauge	√
5.10.3	Wiring harness - Free	√
5.7.1	Rev limiters	√
5.6.1.2	Shift lights	√
5.6.1.2	Timing systems	√
5.12	<u>Wheels / Steering</u>	
	<u>Steering</u>	
5.12.1	Power Steering	√
5.12.1	Alternative Steering wheel	√
5.12.1	Removable Steering Wheel	√
5.12	<u>Wheels</u>	
5.12.2	<u>Wheels Prohibited</u>	
5.12.2	Magnesium wheels	x
5.13	<u>Tyres</u>	
5.13.1	Tyre pressures - free	√
5.13.1	Tyre inflation - use of compressed air or nitrogen	√
5.13.1	If a designated make or size of tyre is not available the Championship Co-ordinator may approve an alternative tyre from the MS UK List 1a, 1b, 1c <u>in writing to all competitors</u>	√
5.13.3	<u>Tyres Prohibited</u>	
5.13.3	Use of Soft or super compound soft tyres	x
5.13.3	Use of tyre heating/heat retention devices, tyre treatments & compounds	x

5.15	<u>Fuel Tank / Fuel</u>	
5.15.1	Fuel tank material any - MS UK regulations apply	√
5.15.2	Fuel tank location - Free	√
5.15.2	Fuel tank mountings - Free	√
5.15.1	Fuel tank capacity - Free	√
5.15.3	Proprietary additives - Lead replacement and or Ethanol Reduction	√
5.15.3	Pump fuel - MS UK regulations apply	√