

AR Motorsport Morgan Challenge Technical Regulations 2023

Motorsport UK Blue Book Regulations apply to all appendices

Class 1

Para	Appendix 2	360 Mean BHP per Tonne			
5.2	<u>Permitted - Only If it shows "V"</u>	<u>Specification A</u>			
	<u>Prohibited - If it shows "X"</u>				
5.7	Max Capacity cc	4600	3726	2500	2000
	Engine General Blocks				
5.7.1	Cross bolted blocks	✓	✓		
5.7.1	Heads				
5.7.1	Use of production Twin cam heads		✓	✓	✓
5.7.1	Modified heads, but No adding of material	✓	✓	✓	✓
5.7.1	Valve sizes - Free	✓	✓	✓	✓
5.7.1	Uprated valve springs	✓	✓	✓	✓
5.7.1	Crankshafts & Conrods				
5.7.1	Crankshaft free - Std firing order	✓	✓	✓	✓
5.7.1	Connecting rods - Free	✓	✓	✓	✓
5.7.1	Pistons				
5.7.1	Pistons - Free	✓	✓	✓	✓
5.7.1	Pistons free may protrude above cylinder block		✓	✓	
5.7.1	Compression ratio				
5.7.1	Compression ratio - Free	✓	✓	✓	✓
5.7.1	Forced Induction				✓
5.7.1	Maximum Boost Pressure 1.5 Bar				✓
5.7.1	Maximum Single Scroll turbo, maximum size (under review for 2022)				✓
5.7.1	Engine RPM				
5.7.1	Engine RPM - Free				✓
5.7.1	Max Engine RPM 8750			✓	
5.7.1	Max Engine RPM 8250		✓		
5.7.1	Max Engine RPM 7500	✓			
5.7.1	Camshafts				
5.7.1	Cam shaft - Free - position in block or head Std	✓	✓	✓	✓
5.7.1	Removal of VVT assembly's		✓		
5.7.1	Followers & lifters - Free	✓	✓	✓	✓

5.7.1	Modified rocker arms	✓		✓	✓
5.7.1	Steel or Ali pillars with Outrigger Supports	✓		✓	✓
5.7.4	<u>Lubrication</u>				
5.7.4	Dry Sumping	✓	✓	✓	✓
5.9.1	<u>Clutch & Flywheel</u>				
5.9.1	Flywheel - Free	✓	✓	✓	✓
5.9.1	Clutch Size - Free	✓	✓	✓	✓
5.7.7	<u>Ignition Systems</u>				
5.7.7	Ignition / ECU - Free	✓	✓	✓	✓
5.7.5	<u>Induction & Fuel systems</u>				
5.7.5	Induction system - Free	✓	✓	✓	✓
5.7.5	Change of Inlet Manifold	✓	✓	✓	✓
5.7.5	Cable Operated Throttle	✓	✓	✓	✓
5.7.8	Fuel Pumps - Free	✓	✓	✓	✓
5.7.6	<u>Exhaust system</u>				
5.7.6	Exhaust manifolds - Free	✓	✓	✓	✓
5.7.6	Std or Race catalytic converters fitted (cars manufactured after 31st December 1999) MS UK Regulations apply		✓	✓	✓