

# AR Motorsport Morgan Challenge Technical Regulations 2022

Motorsport UK Blue Book Regulations apply to all appendices

## Class 1

Para	Appendix 2	430 BHP			
	Permitted - Only If it shows "V"	Specification A			
	Prohibited - If it shows "X"				
<b>5.7</b>	<b>Max Capacity cc</b>	4600	3726	2500	2000
	<b>Engine General</b>				
	<b>Blocks</b>				
5.7.1	Cross bolted blocks	✓	✓		
	<b>Heads</b>				
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	✓	✓	✓	✓
	<b>5.7.1 Crankshafts &amp; Conrods</b>				
5.7.1	Crankshaft free - Std firing order	✓	✓	✓	✓
5.7.1	Connecting rods - Free	✓	✓	✓	✓
	<b>5.7.1 Pistons</b>				
5.7.1	Pistons - Free	✓	✓	✓	✓
5.7.1	Pistons free may protrude above cylinder block		✓	✓	
	<b>5.7.1 Compression ratio</b>				
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)				✓
	<b>5.7.1 Engine RPM</b>				
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	✓			
	<b>5.7.1 Camshafts</b>				
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	✓		✓	✓

<b>5.7.4</b>	<b><u>Lubrication</u></b>				
5.7.4	Dry Sumping	✓	✓	✓	✓
<b>5.9.1</b>	<b><u>Clutch &amp; Flywheel</u></b>				
5.9.1	Flywheel - Free	✓	✓	✓	✓
5.9.1	Clutch Size - Free	✓	✓	✓	✓
<b>5.7.7</b>	<b><u>Ignition Systems</u></b>				
5.7.7	Ignition / ECU - Free	✓	✓	✓	✓
<b>5.7.5</b>	<b><u>Induction &amp; Fuel systems</u></b>				
5.7.5	Induction system - Free	✓	✓	✓	✓
5.7.5	Change of Inlet Manifold	✓	✓	✓	✓
5.7.5	Cable Operated Throttle	✓	✓	✓	✓
5.7.8	Fuel Pumps <del>injection</del> - Free	✓	✓	✓	✓
<b>5.7.6</b>	<b><u>Exhaust system</u></b>				
5.7.6	Exhaust manifolds - <del>Naturally aspirated</del> - Free	✓	✓	✓	✓
5.7.6	Std or Race catalytic converters fitted (cars manufactured after 31st December 1999) MS UK Regulations apply		✓	✓	✓