

AR Motorsport Morgan Challenge Technical Regulations 2023

Motorsport UK Blue Book Regulations apply to all appendices

Class 2		265 Mean BHP per Tonne										
Appendix 2		Specification			Specification						Specification	
Permitted - Only if it shows "v"		6Cyl	6Cyl	6Cyl	8Cyl			4Cyl	4Cyl	4Cyl	8Cyl	
Prohibited - If it shows "X"		AR V6	Roadster	Roadster	Aero	Plus 8	Plus 8	Plus 4 SS	Baby Doll	4/4 & Plus 4's	Plus 8	
Para		Cyclone V6	Roadster Cyclone V6	Roadster Duratec 3.0	BMW M/T62 / N62	Rover	Rover	Mazda MZR (1)	14. Class D (9)	Duratec D (2 to 8)	Any 4cyl - From - Class D (2 to 8)	Rover
5.2	Max Capacity cc	3726	3726	3000	4600	4600	3999	2000	2000	2000	3612	
5.7	Engine General											
	Blocks											
5.7.1	Cross bolted blocks					v	v				v	
5.7.1	Std bore + rebore up to maximum capacity	v	v	v	v	v	v	v	v	v	v	
5.7.2	Engine Prohibited											
5.7.2	Use of other than a complete Std M62/N62 Engine				v							
5.7.1	Heads											
5.7.1	Use of production Twin cam heads	v	v	v	v			v	v	v		
5.7.1	Modified cylinder heads, Std production valves, No adding of material.			v		v	v	v	v			
5.7.1	Modified heads, Valve sizes Free, No adding of material									v	v	
5.7.1	Uprated valve springs	v	v	v		v	v	v	v	v	v	
5.7.1	Crankshafts & Conrods											
5.7.1	Crankshaft free - Std firing order							v	v	v		
5.7.1	Connecting rods - Free			v				v	v	v	v	
5.7.1	Pistons											
5.7.1	Pistons - Free			v			v	v	v	v	v	
5.7.1	Pistons free may protrude above cylinder block							v	v	v		
5.7.1	Compression ratio											
5.7.1	Compression ratio - Free										v	
5.7.1	Max compression ratio 12.5:1							v	v	v		
5.7.1	Max compression ratio 11:1	v	v									
5.7.1	Max compression ratio 10.5:1				v		v					
5.7.1	Max compression ratio 10:1			v								
5.7.1	Max compression ratio 9.35:1					v						
5.7.1	Engine RPM											
5.7.1	Max Engine RPM 8750							v	v	v		
5.7.1	Max Engine RPM 7750			v								
5.7.1	Max Engine RPM 7000	v	v								v	
5.7.1	Max Engine RPM 6500					v	v					
5.7.1	Max Engine RPM 6250				v							
5.7.1	Camshafts											
5.7.1	Cam shaft - Free - position in block or head Std			v						v	v	
5.7.1	Std cams	v	v		v	v						
5.7.1	Std cams Inlet - Kent OMC005, Exhaust - Kent OMC006								v			
5.7.1	Cams with VVC - Inlet cam - Kent OMC011, Exhaust Cam - Kent OMC004							v				
5.7.1	Cams without VVC - Inlet man - Kent OMC 011, Exhaust cam - Kent OMC004							v				
5.7.1	Crane H218 or JEDH218						v					
5.7.1	Followers - Free					v	v			v	v	
5.7.1	Std Ali rocker arms					v	v				v	

