

Morgan Challenge Technical Regulations 2024

Motorsport UK Blue Book Regulations apply to all appendices

Para	Class 6	155 Mean BHP per Tonne									
	Appendix 2	Specification E									
5.2		Moss	Pre X	X Flo	Fiat	M/T	TR	TR	Zetec	Sigma	Dura
	<u>Permitted - Only if it shows "√"</u>	4 SPD	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<u>Para</u>	<u>Prohibited - If it shows "X"</u>	Rover	Ford Kent	Ford Kent	Fiat	Rover M/T	TR	TR	Zetec	Ford Sigma	Duratec 14
	Max Capacity cc	3612	1598	1700	2000	2000	2000	2238	1800	1600	2000
5.7	Engine General										
	5.7.1 Heads										
5.7.1	Use of production Twin cam heads				√	√			√	√	√
5.7.1	Modified cylinder heads, No adding of material, Std production valves				√	√			√		
5.7.1	Modified heads, but No adding of material, valve sizes - Free		√	√			√	√			
5.7.1	Valve sizes - Free (added to above)										
	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	Max compression ratio 11:1								√	√	
5.7.1	Max compression ratio 10.5:1	√			√	√					√
	5.7.1 Engine RPM										
5.7.1	Engine RPM - Free		√	√							
5.7.1	Max Engine RPM 7500 (Std length rods rev to 7500)						√	√	√		
5.7.1	Max Engine RPM 7250						√	√			
5.7.1	Max Engine RPM 7000				√	√				√	√
5.7.1	Max Engine RPM 6250	√									
	5.7.1 Camshafts										
5.7.1	Cam shaft - Free - position in block or head Std		√	√			√	√			
5.7.1	Std cams					√			√	√	√
5.7.1	Std P6 or SD1	√									
5.7.1	Followers - Free	√	√	√	√	√	√	√			
5.7.1	Ali or Steel rocker arms - Std Ratio	√									
5.7.1	Modified rocker arms		√	√			√	√			
5.7.1	Steel or Ali pillars with Outrigger Supports		√	√			√	√			
	5.7.4 Lubrication										
5.7.4	Dry Sumping		√	√							
	5.9.1 Clutch & Flywheel										
5.9.1	Flywheel - Free		√	√			√	√			
5.9.1	Clutch Size - Free		√	√			√	√			
5.9.1	Lightened Flywheel	√			√	√			√		
5.9.1	Solid replacement for dual mass flywheel, at 75% of Std weight									√	√
	5.7.7 Ignition Systems										
5.7.7	Ignition / ECU - Free					√			√	√	√
5.7.7	Electronic Ignition (not programmable on carb / injection / distributor cars)	√	√	√	√		√	√			
	5.7.5 Induction & Fuel systems										
5.7.5	Std production inlet manifold & trumpet bases to air cleaner	√			√	√					√
5.7.5	Change of Inlet Manifold		√	√			√	√	√		
5.7.5	Cable Operated Throttle	√	√	√	√	√	√	√	√	√	√
5.7.5	SU / Stromberg carbs 1.75" max of 2	√					√	√			

5.7.5	Maximum 2 x twin choke carburettors 45mm		✓	✓	✓	✓	✓	✓	✓	✓	
5.7.5	42mm throttle body kit									✓	
5.7.5	Carb Needles - Free	✓					✓	✓			
5.7.8	Adjustable Fuel pressure regulator Injection					✓					
5.7.8	Adjustable Fuel pressure regulator Carbs	✓	✓	✓	✓	✓	✓	✓	✓		
5.7.8	Fuel Pumps Carbs - Free	✓	✓	✓	✓	✓	✓	✓	✓		
5.7.8	Std Fuel Pumps				✓	✓			✓	✓	✓
5.7.5	Air Filter element free - must fit Std housing									✓	✓
5.7.5	Remove blanking plate above Radiator and extend air intake to duct cold air into Std air filter housing		✓	✓	✓	✓	✓	✓	✓	✓	✓