

## Morgan Challenge Technical Regulations 2024

Motorsport UK Blue Book Regulations apply to all appendices

<u>Appendix 2</u>		
<u>Para</u>	<u>Permitted - Only If it shows "v"</u>	<u>4 Cyl</u>
	<u>Prohibited - If it shows "X"</u>	<u>Plus 4 CX</u>
5.2		
5.2	<b>Max Capacity cc</b>	1998
<b>5.7</b>	<b>Engine General</b>	
	<b><u>Blocks</u></b>	
5.7.1	Standard production Std bore 82mm	√
<b>5.7.1</b>	<b><u>Heads</u></b>	
5.7.1	As per standard production	√
<b>5.7.1</b>	<b><u>Crankshafts &amp; Conrods</u></b>	
5.7.1	As per standard production stroke 94.6mm	√
<b>5.7.1</b>	<b><u>Pistons</u></b>	
5.7.1	As per standard production	√
<b>5.7.1</b>	Compression ratio as per standard production 11:1	√
5.7.1	<u>Maximum boost pressure 2.44 Bar Absolute</u>	√
5.7.1	Standard production specification turbocharger	√
<b>5.7.1</b>	<b><u>Engine RPM</u></b>	
5.7.1	Max Engine RPM 7000	√
<b>5.7.1</b>	<b><u>Camshafts</u></b>	
5.7.1	Standard production specification camshafts	√
<b>5.7.4</b>	<b><u>Lubrication</u></b>	
5.7.4	Wet Sump Only	√
5.7.4	Sump pan may be baffled for oil control	√
5.7.4	Oil Cooler may be fitted	√
<b>5.9.1</b>	<b><u>Clutch &amp; Flywheel</u></b>	
5.9.1	Standard production specification	√

<b>5.7.7</b>	<b><u>Ignition and Fuel control Systems</u></b>	
5.7.7	Any change to Morgan Production specification, Software or Engine Mapping	X
<b>5.7.5</b>	<b><u>Induction &amp; Fuel systems</u></b>	
5.7.5	Inlet Manifold and Plenum as production specification	✓
5.7.5	Air Filter -Free	✓
5.7.5	Intercooler- Free, but must respect standard location and cooling medium	✓
5.7.8	Fuel Pumps as production	✓
5.7.8	Fuel tank free but in standard location	✓
<b>5.7.6</b>	<b><u>Exhaust system</u></b>	
5.7.6	Exhaust manifold as production specification	✓
5.7.6	Exhaust system free	✓
5.7.6	Std or Race catalytic converters fitted (vehicles manufactured after 31st December 1999) MS UK regulations apply	✓