

AR Motorsport Morgan Challenge Technical Regulation

Motorsport UK Blue Book Regulations apply to all appendices

	<u>Appendix 2</u>	<u>Specification</u>
	<u>Permitted - Only if it shows "v"</u>	<u>X</u>
	<u>Prohibited - If it shows "X"</u>	6cyl
<u>Para</u>		Plus 6 CX
5.2		
5.2	Max Capacity cc	2998
5.7	Engine General	
	<u>Blocks</u>	
5.7.1	Standard production Std bore 82mm	√
5.7.1	<u>Heads</u>	
5.7.1	A per standard production	√
5.7.1	<u>Crankshafts & Conrods</u>	
5.7.1	As per standard production stroke 94.6mm	√
5.7.1	<u>Pistons</u>	
5.7.1	As per standard production	√
5.7.1	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	√
5.7.1	<u>Engine RPM</u>	
5.7.1	Max Engine RPM 6500	√
5.7.1	<u>Camshafts</u>	
5.7.1	Standard production specification camshafts	√
5.7.4	<u>Lubrication</u>	
5.7.4	Wet Sump Only	√
5.7.4	Sump pan may be baffled for oil control	√

CX6 Engine

5.7.4	Oil Cooler may be fitted	✓
5.9.1	<u>Clutch & Flywheel</u>	
5.9.1	Standard production specification	✓
5.7.7	<u>Ignition and Fuel control Systems</u>	
5.7.7	Any change to Morgan Production specification, Software or Engine Mapping	X
5.7.5	<u>Induction & Fuel systems</u>	
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	✓
5.7.6	<u>Exhaust system</u>	
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	✓

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