

<b>AR Motorsport Morgan Challenge Technical Regulations 2023</b>		
Motorsport UK Blue Book Regulations apply to all appendices		
<b>Appendix 1</b>		
<u>Para</u>	<u>Permitted - Only If it shows "√"</u> <u>Prohibited - If it shows "X"</u>	<b>CX PLUS SIX</b>
<b>5.5</b>	<b>General</b>	
5.5	<b>Chassis</b>	
5.5	MMC production specification CX chassis	√
5.3	6 Point Roll cage To MSUK specifications	√
5.3	4 Point cage and scuttle rollbar to MSUK specifications	√
5.3	Single door bars may be fitted	√
5.6.1.1	<b>Bodywork</b>	
5.6.1.1	<b>General</b>	
5.6.1.3	Full windscreen to be fitted	√
5.6.1.1	Cooling ducts in front face of front wings and leading edge of Bonnet	√
5.6.1.3	Hardtop to be fitted	√
	<b>Ground Clearance</b> Minimum (measured under chassis at mid point between front and rear wheels)	
5.6.1.5	127mm	√
<b>5.8.1</b>	<b>Front &amp; Rear Suspension</b>	
5.8.1	No change from production design and specification, see attached drawings.	√
5.8.1	No replacement of OE rubber bushes with alternative materials or spherical joints/rod ends	√
5.8.1	Front & Rear Dampers- Free. No remote reservoirs	√
5.8.1	Front & Rear Anti roll bars- Free	√
5.8.1	Front & Rear Spring Rates-Free	√
5.8.1	Front Wheel - Max Camber /Caster	-ve 1 / 5.3
5.81	Rear Wheel -Max Camber	-ve 1
<b>5.8.3</b>	<b>Max Wheelbase</b>	<b>2520</b>
<b>5.8.3</b>	<b>Max Front Track (Centre of Tyre to Centre of Tyre)</b>	<b>1492</b>
<b>5.8.3</b>	<b>Max Rear Track (Centre of Tyre to Centre of Tyre)</b>	<b>1492</b>
<b>5.9.1</b>	<b>Transmission</b>	
5.9.1	As per production	√
5.9.3	BMW 8 speed Automatic gearbox with paddle shift controls as per production specification.	√
5.9.3	Any Changes to Automatic Gearbox software control strategies from production specification	X
5.9.3	Final Drive- Ratios- Free	√
5.9.3	Limited Slip Differential	X

5.9.3	Gearbox and Final drive coolers may be fitted	✓
<b>5.11</b>	<b><u>Brakes</u></b>	
5.11.1	Standard production brakes, no changes to disc composition or material	✓
5.11.1	Fitting of twin brake master cylinders & balance bar – not adjustable by driver when seated in car	✓
5.11.1	Brake fluid- Free	✓
5.11.1	Production specification ABS system	✓
5.11.1	Flexible brake hoses- Free	✓
5.11.1	Brake ducts allowed Front & rear	✓
<b>5.11.1</b>	<b><u>Front Brakes</u></b>	
5.11.1	Front brake discs - Max 315mm diameter x 25.4 Vented 2 Piece	✓
5.11.1	Callipers as per production specification	✓
5.11.1	Brake pad compound- Free	✓
<b>5.11.1</b>	<b><u>Rear Brakes</u></b>	
5.11.1	Brake discs - Max 294mm diameter x 20 Vented 2 Piece	✓
5.11.1	Callipers as per production specification	✓
5.11.1	Brake pad compound- Free	✓
<b>5.10</b>	<b><u>Electrics</u></b>	
5.1	Instrumentation free	✓
5.1	Dash & instrumentation panel material free	✓
5.1	Traction Control	X
<b>5.12</b>	<b><u>Wheels / Steering</u></b>	
	<b><u>Steering</u></b>	
5.12.1	Alternative Steering Column (collapsible section recommended)	✓
5.12.1	Standard production Power assisted steering rack	✓
5.12.1	Power steering cooler may be fitted	✓
5.12.1	Non Production Specification Removable or fixed Steering wheel may be fitted	✓
<b>5.12</b>	<b><u>Wheels</u></b>	
5.12.4	<b><u>Front &amp; Rear</u></b>	
5.12.4	Max size 9J x 19 Alloy	✓
<b>5.13</b>	<b><u>Tyres</u></b>	
5.13.2	<b><u>Front &amp; Rear</u></b>	
	Any tyre from MSUK Blue Book List 1A or 1B. Max size 255 x19" Min profile 35%. M & H Compound	✓
5.13.3	<b><u>Tyres Prohibited</u></b>	
5.13.3	Change of wheel & tyre type or make and or designation between practice and race at any meeting	X