



2022 NEW ZEALAND RALLY CHAMPIONSHIP

Amendment Number: GRP AP4-22-T001

Implementation Date: Immediate

Issue Date: 2 September
2022

GROUP AP4 TECHNICAL REGULATIONS AMENDMENT

This amendment has been authorised to the text of the Group AP4 Technical Regulations listed below. It is recommended that in addition to retaining a copy of this bulletin all parties modify the text of the regulations according to the following:

Group AP4 Technical Regulations Amendment

1. Amend Article 2.2 as stated in the schedule below.

1.

Article 2.2		Eligible engines:
	SP	<p>Either a “Series Production Engine” or the “AP4 Designated Joker Engine” are authorised, under the following conditions:</p> <ol style="list-style-type: none"><li data-bbox="472 810 2119 882">1. 3 or 4 cylinder up to a maximum capacity of 1620cm³ * cm³ (being 2754 cm³ with 1.7 forced induction coefficient applied that shall be subject to a minimum car weight of 1230Kg. <p>Note: The bore and/or stroke may be adjusted to achieve the designated 1620 cm³ capacity.</p> <ol style="list-style-type: none"><li data-bbox="472 991 2134 1062">2. 4 cylinder up to a maximum capacity of 1820cm³ (being 3060cm³ with 1.7 forced induction coefficient applied that shall be subject to a minimum car weight of 1300Kg. <p>Note: The bore and/or stroke may be adjusted to achieve the designated 1820 cm³ capacity</p> <p>At least 2500 identical engine units must have been produced in 12 consecutive months. It will be possible to count models from another manufacturer, provided that they are equipped with the same engine (strictly identical) and produced in a quantity of at least 5000 units in 12 consecutive months.</p>

Reason: To allow the use of 3 cylinder engines

2. Amend Article 2.3 as highlighted in the schedule below.

Article 2.3		Component parts:
		<p>Component parts of the car are classified as follows and identified in the column to the left of the applicable article;</p> <ul style="list-style-type: none"> <li data-bbox="477 352 2141 491"> <p>• Series Part; being original parts or replacement parts identical to the original parts as fitted to the car / engine at the time of manufacture or subsequently replaced due to use or accident. All such parts shall be available through the original car manufacturer's dealer network. All relevant specifications shall be referenced from the manufacturers' official data or applicable FIA homologation form.</p> <p><i>Note: A series production engine or the AP4 designated engine shall be classified as a 'Series Part'.</i></p> <li data-bbox="477 587 2141 687"> <p>• Control Part; being parts that are detailed in the control part lists, obtained from the stated control parts supplier and fitted to the car as detailed in these regulations. Such parts may only not be modified in any way unless where specifically authorised in the relevant article concerned. Refer PART THREE for the list of 'control parts'.</p> <li data-bbox="477 730 2141 799"> <p>• Controlled Design Part; being parts that are controlled relative to an approved design / specification (as detailed under the relevant article) which may be freely sourced. Refer PART THREE for listings of 'Controlled Design Parts'.</p> <p><i>Note: Gearboxes listed in Part Three List 3 of these regulations shall be classified as a 'Control Design Part'.</i></p> <li data-bbox="477 895 2141 995"> <p>• Free Part; being parts that may be freely sourced. Such parts may be removed or replaced with another part on condition that the substitute part has no additional function relative to the part it replaces. These parts may have other conditions imposed under these technical regulations.</p>

Reason: To clarify modification of Control Parts

3. Article 9.0

	<p>SP/CDP</p>	<p>Rear aerodynamic device:</p> <p>The series part may be retained or replaced with an alternative device respecting the following conditions;</p> <p>A single plane device is authorised which must be made in one single piece (a single profile and no adjustment flap) and must conform to the road use legislation in the country in which the vehicle is registered.</p> <ul style="list-style-type: none"> - The device must be rigid and offer no possibility for the penetration of air (groove, hole, slot, opening, etc.). - The device must be totally contained within the frontal projection of the car (excluding any side mirrors). - The side plates may extend beyond 110 cm, when seen from the front, but must not generate any aerodynamic force. - The wing will be checked with the car horizontal. - The device must be contained within the vertical projection of the car perimeter excluding mirrors. (refer also to Article 900, Body Kit approval by ASN) - With the exception of the supports, it must be made from fiberglass or molded plastic. - The wing must respect the dimensions detailed below and must be able to fit into the box at Figure 2 <div data-bbox="898 647 1462 1002" data-label="Diagram"> </div> <p>For National competition only (i.e. not eligible for international permitted events) Alternatively a dual plane device is authorized and must conform to New Zealand Traffic Regulations.</p> <ul style="list-style-type: none"> - The device must be rigid and offer no possibility for the penetration of air (grooves, holes, slots, opening etc.) - The device must have only two horizontal elements - The device shall have no more than five vertical elements including end mounts - The device must be contained within the frontal projection of the car - The All devices must extend no further rearward than 200mm behind the rear bumper (refer also to Article 900, Body Kit approval by ASN) - The wing compliance will be checked with the car horizontal - The device must be made from fibre-glass, molded plastic or carbon fibre. <p>Note: A minimum weight for rear aero devices is under consideration for introduction in 2020.</p>
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Reason: To allow the use of a dual plane device on the rear.

This Bulletin is issued by MotorSport New Zealand.

A handwritten signature in black ink, consisting of a stylized, cursive 'E' followed by a long horizontal line extending to the right.

Elton Goonan
MotorSport New Zealand