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2021 NZRCA AGM – Remits

GENERAL RULES

Remit 1

Current Rule: No current rule

Proposed Rule: New Rule to be placed as G1.1

The following rules directly relate to the Health & Safety of members and shall be strictly adhered to at all NZRCA club, major or national events.

- G1.8
- G5.2
- G6.3
- G17.4
- G17.5
- G17.6

Failure to comply with these rules may result in penalties issue by the NZRCA Executive

The NZRCA Executive can issue any or all of the below:

- Reprimand which can be private or public.
- Verbal or written warning.
- Relegate finishing positions.
- Exclude from the results of the event.
- Suspend NZRCA Licence for an infinite number of days, starting from the date of the offence.

Reason:

Rules that directly relate to HSE are linked to our insurance cover and MUST be followed by all clubs and members at all times. Failure to comply with these rules may result in our cover being terminated and putting our members at risk.

Note, this is not replacing the existing rule G1.1, this would be put as the first rule in the General Rulebook and be numbered G1.1 with all other rules dropping down accordingly.

For	95.23%
Against	4.769%
Result	✓ Passed

Remit 2

Current Rule: G1.8

Consumption of Alcohol by organisers, competitors and their associates during an NZRCA sanctioned event shall not be permitted.

Proposed Rule: G1.8

Consumption of Alcohol by organisers, competitors and their associates during an NZRCA sanctioned event shall not be permitted.

HSE Rule as per G1.1

Reason:

clearly identify it back to proposed rule G1.1 - HSE rules

For	87.79%
Against	12.20%
Result	✓ Passed

Remit 3

Current Rule: G5.2

Violent behaviour or language on the rostrum or in the pits is also unacceptable.

Proposed Rule: G5.2

Violent behaviour or language on the rostrum or in the pits is also unacceptable. HSE Rule as per G1.1

Reason:

Clearly identify rule directly relates back to proposed rule G1.1 HSE rules

For	98.90%
Against	1.099%
Result	✓ Passed

Remit 4

Current Rule: G6.3

All marshals to wear fully enclosed footwear at all times.

Proposed Rule: G6.3

All marshals to wear fully enclosed footwear at all times. HSE Rule as per G1.1

Reason:

Clearly identify rule directly relates back to proposed rule G1.1 HSE rules

For	97.80%
Against	2.2%
Result	✓ Passed

Remit 5

Current Rule: G17.4

Lipo/LiFe batteries MUST be charged in a closed Lipo Sack/Bag at all times

Proposed Rule: G17.4

Lipo/LiFe batteries MUST be charged in a closed Lipo Sack/Bag at all times. HSE Rule as per G1.1

Reason:

Clearly identify rule directly relates back to proposed rule G1.1 HSE rules

For	89.09%
Against	10.92%
Result	✓ Passed

Remit 6

Current Rule: G17.5

Lipo/LiFe batteries may only be charged at a maximum of 1C

Proposed Rule: G17.5

Lipo/LiFe batteries may only be charged at a maximum of 1C. HSE Rule as per G1.1

Reason:

Clearly identify rule directly relates back to proposed rule G1.1 HSE rules

For	81.36%
Against	18.64%
Result	✓ Passed

Remit 7

Current Rule: G17.6

All Lipo/LiFe batteries MUST be hard cased (exluding receiver / transmitter battery packs)

Proposed Rule: G17.6

All Lipo/LiFe batteries MUST be hard cased (exluding receiver / transmitter battery packs). HSE Rule as per G1.1

Reason:

Clearly identify rule directly relates back to proposed rule G1.1 HSE rules

For	89.65%
Against	10.34%
Result	✓ Passed

Remit 8

Current Rule: No current rule

Proposed Rule: New Rule to be placed as G1.10

NZRCA member clubs are to base their club class rules on the NZRCA class rules where applicable, however changes to suit local racers are permitted provided a copy of "club" rules and changes are sent to the NZRCA Executive and updated accordingly should these change at any point.

Reason:

Clubs run their own classes and variations of rules to suit their own members, but when a member has an issue with a rule that is in the NZRCA rulebook yet the local club have chosen to change to suit what they run, the NZRCA Executive have no club backup as to why a rule was changed locally. This will simply allow clubs to run their own rules, but make the exec informed of any variations to the rules (this includes additional classes such as TT02 class etc).

For	85.71%
Against	14.29%
Result	✓ Passed

Remit 9

Current Rule: G1.9

The following National events may only be held once per calendar year:

- a. Electric On-Road Nationals b. I.C On-Road Nationals
- c. I.C Off-Road National Champs
- d. Electric 1/10th Off-Road National Champs
- e. Electric 1/8th and 4wd Short Course Off-Road National Champs

Proposed Rule: G1.9

The following National events may only be held once per calendar year:

- a. Electric On-Road Nationals b. I.C On-Road Nationals
- c. I.C Off-Road National Champs
- d. Electric 1/10th Off-Road National Champs e. Electric 1/8th

Reason:

Delete 4wd SCT from 1/8th electric nats specifically. Can be a option for organisers but should be in 1/10 electric offroad nats, as this is where the rules for then class are.

For	93.95%
Against	6.049%
Result	✓ Passed

Remit 10

Current Rule: No current rule

Proposed Rule: New Rule to be placed as G1.12

Clubs may apply to the NZRCA to run additional classes.

Reason:

Just adds a option for organisers and logically follows on from proposed g1.10 and g1.11 rules in relation to this subject.

For	94.57%
Against	5.43%
Result	✓ Passed

Remit 11

Current Rule: G7.4

Any specification can be checked after the event, even if it was checked before the event. Race distortion or damage is to be disregarded.

Proposed Rule: G7.4

Any specification can be checked after the heat/race, even if it was checked before the heat/race.

Reason:

This is unclear, do you disregard the fact a wing has been knocked off and is now under weight?

For	75%
Against	25%
Result	✓ Passed

Remit 12**Current Rule: A1.13**

The use of traction additives is strictly prohibited for all outdoor On-Road racing in all classes.

Proposed Rule: A1.13

Tire additives are prohibited in all racing classes as per G10.2

Reason:

Rule already covered by G10.2

For	93.86%
Against	6.14%
Result	✓ Passed

Remit 13**Current Rule: A1.17**

No tyre additives or tyre conditioners are allowed.

Proposed Rule: A1.17

Delete rule

Reason:

Already covered by both G10.2 and A1.13

For	92.54%
Against	7.459%
Result	✓ Passed

Remit 14**Current Rule: A3.7**

Grids must be a minimum of 1.5 metres from front each car to the front the next car. Arrangement of the grid is up to the event organiser's discretion.

Proposed Rule: A3.7

Grids must be a minimum of 1.5 metres from front of each car to the front the next car, measured in a parallel line to the track centre line. Arrangement of the grid is up to the Race Director in consultation with event organisers.

Reason:

Under current rule, 1.5m can be measured to the front of the next car back at an angle, the 1.5m is not distance down the racing grid

For	92.15%
Against	7.849%
Result	✓ Passed

Remit 15**Current Rule: A6**

A6 RACE DURATION

Proposed Rule: A6

Proposed Rule

A6 RACE DURATION

A6.1 All heats and finals will be of the time duration specified for each class as listed below, plus the time to finish the last lap: Or

defined number of laps per class, that must not take longer than the standard race time per class, plus the time to finish the last lap.

A: 21.5 Spec Touring – 5 minutes.

B: FWD Touring – 5 minutes.

C: 13.5 Touring – 5 minutes.

D: Mod Touring – Five Minutes

D: M Chassis – Five minutes.

E: Formula One – 5 minutes

F: Pro 12 – Eight Minutes

Hosting club can nominate to do timed or a lapped event on the entry form.

Reason:

Adding new classes, plus adding a variation of how a race is run should the hosting club wish to do so.

For	85.18%
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Against	14.81%
Result	✓ Passed

Remit 16

Current Rule: A18.1

Dimensional requirements for all touring car classes:

Overall Dimensions & Weight	Minimum	Maximum
Wheelbase	250mm	270mm
Width (without body shell)	170mm	190mm
Width (with body shell)	175mm	195mm
Weight (including transponder)	1350g	1700g

Proposed Rule: A18.1

A18.1 Dimensional requirements for all touring car classes:

Overall Dimensions & Weight	Minimum	Maximum
Wheelbase	250mm	270mm
Width (without body shell)	170mm	190mm
Width (with body shell)	175mm	195mm
Weight (including transponder)	1320g	1700g

Reason:

Keeping our minimum weights in-line with Australia, and Europe.

For	94.39%
Against	5.609%
Result	✓ Passed

Remit 17

Current Rule: A20.8

Dimensional Requirements For Formula One Class:

Overall Dimensions & Weight	Minimum	Maximum
Width		205mm
Weight (Including Transponder)	1000g	

Rear wing width no wider than the body width of the car, front and rear wings must be scale in appearance. No alterations / removal of front or rear wing material is allowed unless the wings are designed with removable planes. Trimming of vertical posts on front wing to allow body fitment is allowed, as long as airfoil surfaces are not altered.

Proposed Rule: A20.8

Dimensional Requirements For Formula One Class: Overall Dimensions & Weight Minimum Maximum Width 205mm Weight (Including Transponder) 1000g

Rear wing width no wider than the body width of the car, front and rear wings must be scale in appearance. No alterations / removal of front or rear wing material is allowed unless the wings are designed with removable planes. Trimming of vertical posts on front wing to allow body fitment is allowed, as long as airfoil surfaces are not altered. Wings must be retained in factory kit positions to keep scale appearance.

Reason:

Making sure the overall appearance of the kit is to scale of the original car they are based on.

For	92.66%
Against	7.34%
Result	✓ Passed

EP OFF-ROAD RULES

Remit 18

Current Rule: B1.10

The use of traction additives is only allowed if the club hosting the meeting wishes to allow it, and then only if the class rules do not exclude its use.

Proposed Rule: B1.10

Tire additives are prohibited in all racing classes as per G10.2

Reason:

Contradiction of rule G10.2

For	90.78%
Against	9.219%
Result	✓ Passed

Remit 19

Current Rule: B3.8

Grids must be a minimum of 1.5 metres (1.0m for Indoor sanctioned meetings) from front each car to the front the next car. Arrangement of the grid is up to the event organiser's discretion.

Proposed Rule: B3.8

Grids must be a minimum of 1.5 metres (1.0m for Indoor national meetings) from front of each car to the front the next car, measured in a parallel line to the track centre line. Arrangement of the grid is up to the Race Director in consultation with event organisers.

Reason:

Under current rule, 1.5m can be measured to the front of the next car back at an angle, the 1.5m is not distance down the racing grid

For	95.52%
Against	4.48%
Result	✓ Passed

Remit 20

Current Rule: B18.8

Dimensional requirements for 1/10th Truck classes:

Overall Dimensions & Weight	Minimum	Maximum
<i>Overall Length</i>		500mm
<i>Overall Width (vehicle must be able to roll out of the measurement box under its own momentum when the box is tilted to approximately 30deg angle.)</i>		330mm
<i>Weight (including transponder)</i>	1700g	
<i>Rear Wing Width</i>		No wider than body width of the truck
<i>Rear Wing Height</i>		35mm above roof height

Proposed Rule: B18.8

Overall Dimensions & Weight	Minimum	Maximum
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Overall Length		500mm
Overall Width (vehicle must be able to roll out of the measurement box under its own momentum when the box is tilted to approximately 30deg angle.)		335mm
Weight (including transponder)	1700g	
Rear Wing Width		No wider than body width of the truck
Rear Wing Height		35mm above roof height

Reason:

As our rules are currently, many new Model ST do not fit the dimensions as listed. The original width comes from USA and is converted from inches (incorrectly). As our nationals have control tires these are wider then the wheels, making competitor struggle to fit the dimension box. If it was without tire, the rule is fine, but they are all glued you cannot get a accurate measure. Add 5mm and this will allow for the control tire width, allow competitors to have some wheel alignment without breaching current dimensions.

For	99.11%
Against	0.89%
Result	✓ Passed

Remit 21

Current Rule: B20.1

Vehicles must have a commercially available chassis originally designed for use as a short course truck.

Proposed Rule: B20.1

Delete Rule.

Reason:

Encourage development and use of conversions -Removes potential conflict around what is deemed "Commercially available"

For	76.98%
Against	23.01%
Result	✓ Passed

I.C ON-ROAD RULES

Remit 22

Current Rule: C40.7.4

The cut-out for the exhaust outlet or tailpipe must be no greater than 35mm in any direction. Where the exhaust opening cuts through the side lower edge of the body, a slotted opening is allowed.

Proposed Rule: C40.7.4

The cut-out for the exhaust outlet or tailpipe must be no greater than 45mm in any direction. Where the exhaust opening cuts through the side lower edge of the body, a slotted opening is allowed.

Reason:

Increase the dimension from 35 to 45mm which will allow the use of noncircular exhaust extenders that attach to the inside of the body and allow positioning of pipe back or forth.

For	97.8%
Against	2.2%
Result	✓ Passed

Remit 23

Current Rule: C43.1

Tires must be "production" tires commercially available – hand cut tires or those not available to the general public are not permitted. "Available" is defined as having been sold to consumers a minimum of 30 days prior to the official start of the event.

Proposed Rule: C43.1

Tires must be "production" tires commercially available – hand cut tires or those not available to the general public are not permitted. "Available" is defined as having been sold to consumers a minimum of 30 days prior to the official start of the event. Tires must be molded rubber - no foam tires are permitted in any GT class.

Reason:

The rationale: - comply with IFMAR rules - lack of commercially available tire truers for 1/8 GT wheels - GT is a "beginner" nitro class and rubber tires assist those trying nitro for first time. -This will allow the club the option of allowing people to run their own rubber tyres without a control tyre being required. This will assist those who have stocks of their tyres prior to the meeting and not having to buy more.

For	81.48%
Against	18.51%
Result	✓ Passed

I.C OFF-ROAD RULES

Remit 24

Current Rule: No current rule

Proposed Rule: New Rule to be placed as D4.2

Grids must be a minimum of 1.5 metres from front of each car to the front the next car, measured in a parallel line to the track centre line. Arrangement of the grid is up to the Race Director in consultation with event organisers.

Reason:

Under current rule, 1.5m can be measured to the front of the next car back at an angle, the 1.5m is not distance down the racing grid

For	93.69%
Against	6.31%
Result	✓ Passed

Remit 25

Current Rule: D12.3

The use of traction additives on tyres is strictly prohibited. The penalty for breaching this rule is automatic disqualification from the meeting.

Proposed Rule: D12.3

The use of traction additives on tyres is strictly prohibited as per rule G10.2. The penalty for breaching this rule is automatic disqualification from the meeting.

Reason:

Updated rule linking to rule G10.2

For	95.23%
Against	4.769%
Result	✓ Passed

VINTAGE EP OFF-ROAD RULES

Remit 26

Current Rule: No current rule

Proposed Rule: New Rule to be placed as V7 GRIDS

Grids must be a minimum of 1.5 metres from front of each car to the front the next car, measured in a parallel line to the track centre line. Arrangement of the grid is up to the Race Director in consultation with event organisers

Reason:

Under current rule, 1.5m can be measured to the front of the next car back at an angle, the 1.5m is not distance down the racing grid

For	95.76%
Against	4.239%
Result	✓ Passed

Remit 27

Current Rule: V9.1

Plastic chassis, Tamiya Lunchbox and kids classes shall run unopened, unmodified Johnson 540s or Mabuchi 540s closed can, sealed end bell, brushed, with non-replaceable brushes and bushes per NZRCA Offroad rule B7. Silvercan brushed motors are to be supplied by the competitor.

Proposed Rule: V9.1

Plastic chassis, Tamiya Lunchbox and kids classes shall run unopened, unmodified Johnson 540s or Mabuchi 540s or Kyosho G27 540, closed can, sealed end bell, brushed, with non-replaceable brushes and bushes per NZRCA Offroad rule B7. Silvercan brushed motors are to be supplied by the competitor.

Reason:

Being used in competition now. This change would give rule for race director. In line with our mod to B7.1

For	96.15%
Against	3.849%
Result	✓ Passed

Quarter Scale Speedway Rules

Remit 28

Current Rule: Q2.5

POSITION POINTS

1st=30, 2nd=28, 3rd=26, 4th=24, 5th=22, 6th=20, 7th=18, 8th=16, 9th=14, 10th=12, 11th=10, 12th=8

Proposed Rule: Q2.5

POSITION POINTS

1st=12, 2nd=11, 3rd=10, 4th=9, 5th=8, 6th=7, 7th=6, 8th=5, 9th=4, 10th=3, 11th=1, 12th=0

Reason:

Update of points

For	95.77%
Against	4.23%
Result	✓ Passed

Remit 29

Current Rule: No current rule

Proposed Rule: New Rule to be placed as Q62 Onwards

DIRT MODIFIED SPECIFICATIONS

Q62 General

- Q62.1 Appearance must resemble a full size UMP Dirt Modified Speedway Car (see Q63 Body rules for base specification)
- Q62.2 Must be based on Baja 5B Platform from the following Manufacturers HPI / Rovani Sport / King Motor
- Q62.3 Body is mandatory see body specifications below
- Q62.4 Approved upgrade parts to replace stock parts for durability purposes only are permitted, see Q74 for approved upgrade list.
- Q62.5 All measurements for this model are measured from extreme points.

Overall Dimensions & Weight	Minimum	Maximum
LENGTH – w/Body Fitted (overall length)		910mm
WIDTH – FRONT		480mm
WIDTH – REAR		510mm
BODY WIDTH (V1 BODY WIDTH)		360mm

Q63 BODY

- Q63.1 Must be made from Plastic / Aluminum or Fiberglass
- Q63.2 Maximum thickness of body panel material Plastic 3mm / Aluminum & Fiberglass 1.2mm
- Q63.3 Body must match the specification outlined in appendix 1.

Q64 ENGINE

- Q64.1 Maximum engine capacity 25.4cc (26cc) as supplied by engine manufacturer (26cc barrel kit may be fitted to smaller engines but must be same specification i.e., 25.4cc standard 28mm crank non-stuffed.)
- Q64.2 Engine must remain internally stock. NO internal modifications allowed
- Q64.3 Air filter may be changed (as per modifications outlined below)
- Q64.4 Permitted engines are: Zenoah G230RC/G240RC/G260RC/G270RC or equivalent CY R230/ F230/R260/F260 or FUELIE (KS) engines and equivalent Rovin / King Motor Engines
- Q64.5 Reed valve engines are NOT permitted
- Q64.6 Ignition system must remain standard as per engine manufacturer including spark plug lead, mechanically fixed timing coil only.
- Q64.7 Flywheel must remain standard
- Q64.8 Clutch must remain standard as fitted to listed engines 6k to 8k springs
- Q64.9 Aftermarket Pull Start permitted with catch fitted on Flywheel

Q65 ENGINE MODIFICATION

- Q65.1 EXHAUST: Non-standard is NOT permitted and must be a pressed steel can type , A standard diameter tube may be fitted for oil residue to clear back of chassis not be longer than the body, must be contained within the body. Engine Noise must not exceed 95DbA from a distance of 10M from the model, using an approved measuring device.
- Q65.2 INTAKE; Carburetor is limited to a Walbro 668 type, (Choke Type)
Bearing Modification on main shaft NOT allowed.
- Q65.3 Only stock plastic Intake manifolds are allowed however DDM 1 inch Velocity Stack is permitted. Maximum length of insulator blocks 31mm including gaskets.
- Q65.4 Spark plug may be changed no restriction
- Q65.5 Porting and Polishing is NOT permitted (No removal of any material)
- Q65.6 Gaskets must be production type and not home made NO copper gaskets

Q66 DRIVELINE

- Q66.1 Rear wheel drive only
- Q66.2 Locked differentials are NOT permitted Q66.3
- Multi speed gearbox is NOT permitted
- Q66.4 Axle extenders permitted
- Q66.5 Spec Gearing of 17T Pinion/57T Spur mandatory
- Q66.6 NO Ceramic Bearings allowed

Q67 FRONT AXLE

- Q67.1 Standard as per manufacturer either e-clip or screwed in. Q67.2
- Axle extenders permitted

Q68 CHASSIS

- Q68.1 Must resemble Standard 2 piece as per manufacturer (must be aluminium) Q68.2
- Stiffener plate can be fitted to front underside

Q69 NERF AND CRASH BARS

- Q69.1 Front crash bars are allowed as per body specifications i.e., RPM Front Bumper
- Q69.2 Rear crash bars may be fitted but must stay inside the confines of the body

Q70 BRAKES

- Q70.1 Must be fitted and operational

Q70.2 Only manufacturer's standard braking system allowed (disc mounted on hex hub of driveshaft) Upgraded pads and discs allowed

Q70.3 Four-wheel braking system is not permitted

Q71 SUSPENSION

Q71.1 Standard HPI, Rovani, King motors for 5B Front/Rear only

Q71.2 Shock oil and springs not restricted

Q71.3 Maximum 4 shocks only

Q72 WHEELS AND TYRES

Q72.1 Aftermarket copies are allowed but have same dimensions as original (Must be commercially available for the Baja 5B) 10/2: Front = 170 x 60 Rear = 170 x 80 . Front wheels must be standard dirt buster type or double blade , rear must be dirt buster pin type (tit pins allowed)

Q73 WINGS

Q73.1 Front or rear wings and spoilers are NOT permitted.

Q74 APPROVED UPGRADE LIST

Q74.1 Steering

Rovani Symsteer

FG Servo Saver

Viper RC Steering Linkage Upgrade

Q74.2 Suspension

RPM Front Arm Set

RPM Rear Arm Set

Kraken Chrome Clipless Hinge Pins Rovani Front

Alloy Shock Mount Rovani Rear Alloy Shock Mount

Q74.3 Driveline

Rovani Hex Clutch Bell Rovani Hex 17T

Pinion Vertigo Hex Clutch Bell Vertigo 17T

Pinion

Hostile 57T Spur Gear Kraken Clipless

Layshaft Rovani Alloy Clutch Carrier AVID

Revolution Bearing Kits

Q74.4 Engine

DDM Racing 1" Velocity Stack Outerwear Crank

Case Cover Outerwear Pullstart Cover

Q74.5 Chassis

Rovani HD Front Top Chassis Plate Viper RC Front

Chassis Stiffener Plate RPM Front Bumper

RPM Back Bumper

Reason:

Dirt Modified Specifications - new class

For	100%
Against	
Result	✓ Passed