

NEW ZEALAND SLOT CAR ASSOCIATION INC.



2020 NZSCA 1/24th Scale National 9-hour Enduro

Wellington Slot Car Club
4 Lydney Place North, Porirua

Saturday 14th March 2020

ANNUAL EVENT PROGRAMME

Friday 13 th March	Practice from Midday until 10.00pm. Locals from 6.00pm
	Handout motors 4.00pm
Saturday 14 th March	Doors open 8.00am
	Scrutineering 8.30am
	Qualifying for lane choice 8.45am
	Race start 9.00am
	Race finish 6.00pm
	Dinner 7.00pm (prizegiving at dinner)

NOTES:

1. **Food** - Food will be each team's responsibility, coffee and tea will be provided.
2. **Entry process** - Enter by emailing NZSCA treasurer Rob Dale, treasurer@nzcsa.co.nz and by paying in full the entry fee of \$200 per team (includes two B52 50K handout motors) directly into the NZSCA Bank Account: 12-3192-0025686-00.
3. **Entries** – Entries open **Monday 20th January 2020**. As soon as six teams have paid their entry fees entries will close. NZSCA reserves the right to select entrants and resolve any issues arising if more than six teams are attempting to enter.

2020 ENDURO RULES AND RACE PROCEDURES:

4. **Rules and Procedures** - The event will be run in accordance with the rules and race procedures detailed in the 2020 Rule Book, Event Procedure, section I1.

Please note the with the following variations/clarifications:

5. **All Daylight** – The entire 9 hours of racing will be conducted in "hours of daylight" racing conditions – (no lighting kits will be required, **no night session**).
6. **Teams** –The race is for six teams. Each team must have at least three drivers and may have a non-driving pit crew member. There is no restriction on the number of times an individual driver may drive for their team. **Each team will race for a total of 1.5 hours on each of the six lanes, changing drivers every 30 minutes and changing lanes every 1.5 hours.**
7. **Drivers** - Each driver must race for 30 minutes at a time, and each team must change drivers **every 30 minutes**. This means no driver may drive two consecutive stints. At no time may a team have more than one driver on the drivers stand.
8. **Driver and Lane Changes** – **After each 30-minute period the power will be switched off by the race controller for 30 seconds, allowing time for a driver change. Every 1.5 hours the power will be switched off for 45 seconds and all teams will change lanes.** At this time, it is the team's responsibility to change their car to the correct next lane and with the appropriate coloured sticker in place, while their next driver hooks up to the appropriate lane on the drivers stand. Work on the cars is permitted at lane change time – as well as changing the sticker and moving the car to the next lane – but cars returning late to the track must be placed on a safe straight section. Penalties involving the deduction of laps will apply to breaches of this rule.

2020 ENDURO CAR SPECIFICATIONS:

9. **Specifications** - Car specifications are as detailed in the 2020 Rule Book, Car Specifications, section I2.

Please note the following variations/clarifications:

10. **Chassis** –Approved chassis for 2020 are:

JK C43 4" Aeolos chassis - .035" thick - designated C26 in the JK catalogue, or

JK C43 4" Aeolos chassis - .040" thick - designated C26T in the JK catalogue

Only one chassis may be used for the entire event.

11. **Motor** - B52 50,000rpm Mini Motor, Part Number BB52-50.

Two hand out motors are included in the entry fee and will be handed out at 4pm on the day before the Enduro race. Additional motors will be available for purchase (\$33.70 each) during the race if required. Each motor will be individually engraved.

Shaft – The shaft on the pinion end of the motor may be shortened to clear the tire.

Can – The can **may not** be notched to clear the rear axle.

Seal – The motor must remain sealed as manufactured.

Cooling Devices – No cooling devices may be attached to the motor or motor shaft.

No motor modifications will be permitted. Any evidence of tampering, opening, or internal or external modification will deem the motor ineligible.

12. **Body** – Red Fox Audi 2019 ISRA Production Saloon (available from Hobbies Plus).

Interior – Attan 1402-00 Saloon Driver Interior (available from Hobbies Plus). Interior must be fully painted with at least two colours and a sufficiently full interior so that no chassis or components can be seen through the windows.

Rear Wing Height – Maximum height at rear wing when measured with the car on a recessed board **35.0mm**

Rear Bumper Height – Maximum height of rear bumper when measured on a recessed board **13.0mm**

Trimming – The front of the body may not be cut so high as to lose the shape and detail of the front.

Cover Chassis – The chassis and guide must be completely covered by the body in at least one unforced position when viewed from above.

Paint – Bodies must be fully painted and sufficiently opaque so that no chassis or components can be seen through the body when viewed from above. Windscreens and windows must be left clear.

Wheels and Wheel Arches – All four wheels must be completely visible when viewed from the side. Front wheel arches must be clear. Must use realistic looking front wheel stickers.

Numbers - All cars must either have at least two readable numbers of the same numeral and size, or one number so long as it is on the upward facing surface of the body.

Spare Body – A second body of exactly the same type as the first, painted the same as the first, may be used.

13. **Gears** – 64 pitch, any flat 12 tooth pinion, Cahoza 16° 37 tooth spur. **Must use specified gears and ratio.**