

KOC24 CLASS SUMMARY

	Rookies Cup	Talent Cup	FWD	17.5 Stock	Club Mod
Chassis	Tamiya TT02/01e Carten T410, FTX Banzai, Kyosho Fazer Mk2	BRCA Touring Car	BRCA FWD	BRCA Touring Car	BRCA Touring Car
Eligibility	Drivers 12 and under	Drivers 16 and under	Open	Open	Open
Shell	BittyDesgin M410 (or Tamiya-type scale shells)	BRCA TC Shells	BRCA FWD Shells	BRCA TC Shells	BRCA TC Shells
Tyre	Volante V9X 36R KOC	Volante V9X 36R KOC	RIDE RI-26074	Volante V9X 36R KOC	Volante V9X 36R KOC
Tyre Quantity Per Event	1 Set	1 Set	1 Set	2 Sets	2 Sets
Warmers/Additive	Not Permitted	Open	Open	Open	Open
Motor	Tamiya Torque Tune (Part: 54358), or Core RC 21T (Part: CR711), or the stock Banzai motor (FTX6544)	21.5T Brushless (BRCA EB Approved)	HOBBYWING XERUN JUSTOCK G2.1 17.5T FIXED (Part: H30408011)	17.5T Brushless (BRCA EB Approved)	5T Brushless (Max) (BRCA EB Approved)
ESC	Tamiya TBLE-02, or Hobbywing Quicrun WP1060	Blinky	HOBBYWING XR10 JUSTOCK G3 ESC (RPM Limit 15,000) (Part: HW30112004)	Blinky	Zero Boost, Zero Turbo (Softening Allowed)
Gear Ratio	Max 7.50	Max 4.5	Open	Open	Open
Minimum Weight	N/A	1320g	FWD = 1250g	1320g	1320g

CLARIFICATIONS

ROOKIES CUP

Please note the Rookies Cup is a replacement for Tamiya Junior-E following the cessation of the sponsorship agreement with The Hobby Co at the end of the 2022 season.

MOTORS & GEARING

The Rookies Cup class will stick with the Core RC 21T brushed motor (or the equivalents listed above) but will run a slower FRD in 2024. The max FDR is now 7.5.

CHASSIS & CHASSIS HOP-UPS

This is no longer a single-make class. The Carten T410, The FTX Banzai, Tamiya TT01e, Tamiya TT02 are eligible, and we may open up to additional chassis, such as the LRP S10 BLAST TC 3 CLUBRACER, in due course.

The chassis must be box standard except for the following permitted changes, which may be from any third-party supplier (i.e. not limited to Tamiya parts). Most of the parts below are std on the T410 and Banzai.

- Ball races
- CVA, CVD or Universal Joint Driveshafts
- Oil Shocks
- Option Springs
- Turnbuckles for servo linkage and steering
- Ally motor mounts
- Option wheel hub hex
- Cooling fans

We appreciate the Carten T410 and Banzai cars, which are cheaper and have many advantages over the Tamiya TT02; that is the point of including them - to make cheaper, better racing cars available for people new to RC racing. We have also added the Kyosho Fazer MK2, which is very similar.

DIFFERENTIALS

Box STD differentials must be used and must not be locked up. Differentials shall be tested in the following manner:

- The car will be placed on a reasonably level surface.
- The wheels of one axle shall be lifted clear of the surface whilst both wheels of the axle at the opposing end remain in touch with the surface.
- One wheel on the raised axle will be rotated by hand.
- PASS CONDITION: when the wheel in the raised axle is rotated as above, the opposing wheel on that axle must counter-rotate.

BODYSHELLS

In line with the ethos above, we are pushing the class away from the scale Tamiya-type bodyshells. These are expensive, hard to come by, and hard to drive on track. We also do not want a complex aero war with drivers feeling compelled to have the latest touring car shells. Therefore, we have chosen the Bittydesign M410 as the recommended shell. It is not compulsory to use, but it will be faster and easier to drive than the Tamiya shells seen in Junior-E.

We won't be turning people away for not using the M410 - if you wish to race a Mercedes AMG GT3 Tamiya replica, that is fine. But the M410 will be better.

TALENT CUP

In essence, the Talent Cup rules are the same as the BRCA 17.5 Blinky rules, except for

- 21.5T Brushless motor - from the BRCA homologation list
- Max FDR of 4.5
- KOC spec tyres - one set of Volante V9X 36R KOC

KOC GT

The KOC GT class is replaced with the Frontie class using the national regs.

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