

OVERVIEW

2022
SCHEDULE

SEPTEMBER
10 & 11 2022



Castle Hill

Vintage

RC Festival

VIBE OF
THE
EVENT

2 days vintage racing at Hills RC Track (AKA Castle Hill to the older racers!)

Celebrating the 80's original buggies, the golden era 80's and 90's racing buggies and now welcoming some cars that were born after the Sydney Olympics

If you have been before all the same classes will be run, with the addition of a 17.5 class and running some classes simultaneously with sub class prizes

Some exhibitions events will be held for those who want to have a go without the full commitment

BASIC GUIDELINES

- Maximum 3 classes per day
(may be reduced to 2 if we have high entry numbers)
- You must marshall after you race
- Supply your own transponder
- Be respectful of others
- Re-release cars are eligible and fit into their original release date

General Principles

- No big bore shocks. Shocks can be swapped out for other small bore shocks, but ideally not in "Originals" classes.
- Cars should closely resemble their original release or be a replica of a famously raced car (e.g. Masami's Yokomo's or RC10's). Springs, oils, pistons, turnbuckles, ball joints, slipper clutches can be changed/added and stronger/reproduction/carbon/printed parts with near as can be to original geometry retained (key point!) can be used. Specific rules apply to Originals and Stock Truck classes.
- Owners of modified or customised cars should contact the admins prior to the event, with photos and list of mods, checking for eligibility/class allocation. We do allow customised cars, but let us see them first for correct class allocation
- Recommended (but *not* compulsory) tyres – Pro line Holeshot
- 2.2 inch wheels and tyres can be fitted, smaller sizes are okay. Exception to this is that specific tyre rules apply for Purist 2wd sub class and Stock Truck.
- No excessive lightening of cars, weight can be added
- No gearbox swaps, except if period/era correct, talk to us about this if you are unsure
- Battery – hardcase 2s Lipo or 6 cell Nimh or 6 cell Nicad
- Brushless ESC must be run in blinky (no turbo or timing advance) mode. Basic Tamiya Brushless ESC's are considered blinky and allowed to be run as such.
- You can modify gearboxes to fit bigger pinions/smaller spurs, except Plastic Fantastic Sub Class, the Hotshot and Thundershot sub classes and Stock Truck
- 2 heat, 3 finals is the plan

SPEEDS

PICK CLASSES BASED ON YOUR NEED FOR SPEED

Fastest:

- 4wd 17.5
 - 4wd open sub class
- 2wd 17.5
- 17.5 Truck

Any commercially available 17.5 motor with blinky mode esc (or 15t HPI/Dynamite/Core brushed motor)

Medium:

- 4wd Sports
- 2wd Sports

Tamiya Sports Tuned motor

OR

Tamiya Torque Tuned motor

OR

Low cost *Fixed timing* 21.5 motor with blinky mode esc (see motor list)

Slowest

- 4wd 540 Legends & Originals
- 2wd 540 Legends & Originals
- Stock Truck*

- *Various motors see guidelines

Johnson JOH-683 27 turn motor

(no alternates and no modifications)

SATURDAY

SUNDAY

SCHEDULE SUBJECT TO CHANGE DEPENDING ON ENTRY NUMBERS

- Open practice 8.30 - 9.45am
- Late 10 am start (to allow for travelers), finish 5pm
- Classes
 - 4wd Sports
 - 2wd 540 Legends
 - 2wd 17.5
 - Stock Truck
 - 2wd Originals
 - Novice
 - Exhibition

- Open practice 8.00-8.45am
- 9.30 am start, finish 5pm
- Classes
 - 2wd Sports
 - 4wd 540 Legends
 - 4wd 17.5
 - 17.5 Truck
 - 4wd Originals
 - Novice
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WHAT'S THE GO WITH CLASSES AND SUB CLASSES?

Classes

Some of the prior year classes are now combined, based on lap times. But the spirit of those classes remains. They exist as sub classes within a larger class.

But wont that be unfair on an older car? Will I be racing my Hotshot against a Losi XX4 for the same trophy? No its not unfair and no you won't. Solution: we have prizes for sub classes.

Sub classes – on the next pages it's the columns on the right

When entering, select the sub class within the main class so you end up competing for the era specific trophy/medallion/bragging rights/instagram photo/thing you hold in bed that night.

So why do it? Because by combining classes we get more racers together then grade on lap times, so you are more likely to race against similar speed drivers, even if you have a different era of car, making for closer racing.

This is all too confusing! Then contact us for help, telling us the car and motor you want to run

2WD CLASSES

<u>Class Name</u>	<u>Class Spirit</u>	<u>Era of cars</u>	<u>Motor</u>	<u>Tyres</u>	<u>Sub Classes</u>	
2wd Originals	You like the originals from the 80's and appreciate the scale looks. You think the original RC10, Kyosho Tomahawk or Scorpion with 1.7" wheels is cool.	Less racier 2wds prior to 1989	JOH-683	Up to 2.2 inch for plastic fantastic, other sub classes refer notes	Plastic Fantastic - unmodified 2wd fixed camber Tamiya 2wd's, plus other brand less racier 2wd's. 2.2 inch tyres are okay	Purist 2wd (6 gear narrow track RC10's with 6 gear transmission, hopped up Tamiya 2wd's, Kyosho Scorpion or Tomahawk) - run 1.7" tyres on RC10 or Kyosho and 2" tyres on hopped up Tamiya, Re re Ultima not permitted
2wd Legends	You have a vintage racer from the 80's or 90's and are happy with slower speeds, lower costs and less chance of breakage	Racier buggies from the 80's up to 31 December 1997	JOH-683	Any size 1/10 buggy up to 2.2 inch	Vintage - from the 80's up to 1992 (excludes Losi XX, RC10B2 or Schumacher Cougar 2000)	Classic - from 1993 up to 31 December 1997 (excludes Losi XXX, Rc10 B4 and Schumacher Fireblade series but buggies before this are okay) 2wd Customs - Mid motor 2wds e.g. Tekin RC10, Fabix Cougar, Cat XL or PB Mini Mustang 2wd, highly modified 2wds eg DSPPC EXP3 Mid Cougar or home brew mid motor buggies. Talk to us if you have a custom buggy
2wd Sports	Sports Tuned motor gives a bit more speed than a 540, perhaps you like the idea of an affordable brushless motor, but don't don't want too much speed to send you into the barriers.	Racier buggies from the 80's and 90's up to roughly around 2010	Sports Tuned or Torque Tuned or Fixed timing 21.5	Any size 1/10 buggy up to 2.2 inch	Vintage - see list	Classic - see list Outlaw - 1998 onwards up to 2010'ish including up to roughly around 2010, up to and including variants of the Losi XXX and Kyosho RB5, AE RC10 B4 and B4.1, Schumacher Fireblade series & Tamiya 201 see "Outlaw 2wd" List
2wd 17.5	You like to race, want to go a bit faster and have a 17.5 brushless you can run.	as per sports class	Any commercially available 17.5t motor or CORE/HPI/Dynamite 15 turn brushed motor	Any size 1/10 buggy up to 2.2 inch	Vintage - See List	Classic - See List Outlaw - see List

4WD CLASSES

<u>Class Name</u>	<u>Class Spirit</u>	<u>Era of cars</u>	<u>Motor</u>	<u>Tyres</u>	<u>Sub Classes</u>		
4wd Originals	You like the originals from the 80's, appreciate the scale looks and are happy with silver can 27 turn speeds	Scale like and Less racier 4wds prior to 1989	JOH-683	Any size 1/10 buggy up to 2.2 inch	Misfits (Optima, Avante, Vanquish. Thundershot series etc)	Pipe Frame	Hotshot
4wd Legends	You have a vintage racer from the 80's or 90's and are happy with slower speeds, lower costs and less chance of breakage	Racier buggies from the 80's up to 31 December 1997	JOH-683	Any size 1/10 buggy up to 2.2 inch	Vintage - from the 80's up to 31 December 1992 including highly modified Originals class cars. See List	Classic - 1993 to 31 December 1996. See List	
4wd Sports	Sports Tuned motor gives a bit more speed than a 540, perhaps you like the idea of an affordable brushless motor, but don't don't want too much speed to send you into the barriers.	Racier buggies from the 80's and 90's up to roughly around 2009, see list	Sports Tuned or Torque Tuned or Fixed timing 21.5	Any size 1/10 buggy up to 2.2 inch	Vintage - see list	Classic - see list	Outlaw - see "Outlaw 4wd" List
4wd 17.5	You like to race, want to go a bit faster and have a 17.5 brushless you can run. Open 4wd for the thrillseekers.	as per sports class	Any commercially available 17.5t motor or CORE/HPI/Dynamite 15 turn brushed motor	Any size 1/10 buggy up to 2.2 inch	Vintage	Classic - see list	Outlaw 4wd Open - same cars but any motor

TRUCK

Class Name	Class Spirit	Era of cars	Motor	Sub Classes			
Stock Truck	You like the early stadium trucks from the 80's and early 90's and want slower speeds, or have a junior who wants to have a go with big wheels	Stock / Junior Truck			Senior	Junior/ Bronze	
		Late Race Stadium trucks Associated RC10T2, Losi XXT, HPI RS4MT (4wd)			No	540	
		Race Stadium trucks Associated 10T Losi JRXT/LXT, Traxxas Eagle/SRT, Kyosho XRT, Schumacher Storm 2000, Tamiya Dyna Blaster			540	Torque Tuned	
		Low end Stadium trucks Kyosho Ultima Outlaw/Outrage, Schumacher Shotgun/Storm, Futaba FXT			Torque Tuned	Sport Tuned	
		Tamiya King Cab Truck series & Blitzer series and other plastic type trucks such as Kyosho Outlaw Raider			Sport Tuned	Sport Tuned	
17.5 Truck	Big tyres, good speed and big air! Stadium truck racing from back in the day for rear motor Stadium trucks. We might even let you sneak in a 4wd truck (but no podium prizes for 4wd)	Any Stadium Truck up the the RC10T4 era, no big bore era trucks	Any commercially available 17.5t motor or CORE/HPI/Dynamite 15 turn brushed motor	Vintage and Classic (up to and including XXT and RC10T3)	Outlaw era e.g. XXXT and Rc10T4 plus versions of Traxxas trucks (no big bore shocks)	4wd truck such as HPI and Losi Heavy metal (demonstration class)	

OTHER CLASSES – EXHIBITION

THESE CLASSES ARE OPTIONAL, DEPENDENT ON DEMAND AND ARE ONE OFF'S OVER THE WEEKEND

Fun classes

Race against your mates (nominate mates)

I want to be on Youtube (Race filmed in 4K)

Monster trucks (Blackfoots, Monster Beetle, Clods etc)

Rare and Fragile car parade laps

Tamiya Wheely Truck survival race

Losi Mini Jrx2 demonstration

Grudge Races

Top of the Top Force

There can only B1 winner amongst the RC10's

Top Dog of Dogfighters

Top of the Top Cats

King of the Cats

Top TLR

OTHER CLASSES

Novice:

- For your kids or juniors (any car)
- Option to also run in stock truck

Casual racer:

Don't want to be there all day – just let us know and we can let you race a few times in the space of a couple of hours in an exhibition class (no rules, except must be an eligible buggy or truck and you must have a slowish motor or turn down the speed on your transmitter)

TIPS AND TRICKS

- Consider running a motor fan on the Johnson 540. A fan is near essential on Sports tuned motors
- Gearing for 540 is suggested as 6.4-7.2:1 in a 2wd or 7-7.8:1 in a 4wd
- Sports tuned motors can be geared below 8:1 but will need a BIG & FAST Fan
- 21.5t Fixed timing motor recommended gearing is 5:1 in 2wd and 5.5:1 in 4wd
- Schumacher are now selling a bunch of small bore springs (labelled 'vintage') to assist in tuning
- You can run modern hex wheels on an older buggy originally equipped with deep dish wheels (Ultima, Optima, Avante, Egress etc) by using Yeah Racing 12mm Aluminum Hex Adaptors (15mm Offset). There are also 20mm offset options available too (metric fit – not imperial)
- JC Racing sell a bunch of 2.2" wheels, although Schumacher and Kyosho still have 2" tyres and wheels available

SPORTS CLASS MOTORS

Standard motors:

Tamiya Sports tuned (black or silver can)

OR Tamiya Torque Tuned Motor

(use a big fan if you're a big fan of these motors)



OPTIONAL BRUSHLESS MOTOR

Any Hobbywing 21.5T Fixed timing motor of *less than* 2100KV. Suggested motor is Hobbywing Justock G2 or G2.1. Adjustable timing 21.5T motors are not permitted. This keeps costs down and avoids 'motor wars.' Gear at around 5.5:1.

Other 21.5T Fixed timing motors with a clearly advertised KV of *less than* 2100 may be permitted e.g. GForce fixed timing 21.5T and Surpass Rocket Supersonic 21.5T Fixed Timing. Contact us if you need clarification.

Suggested motor:

A screenshot of a product page for a "Justock 21.5T G2 motor PLAIN BOX". The page shows a price of \$67.12, a quantity of 1, and buttons for "ADD TO CART", "ADD TO WISHLIST", and "HAVE A QUESTION". The product image shows the motor and its packaging. The page also includes a search bar, navigation menu, and social media icons.

540 MOTOR

Referred to as 540 or Silver Can

Permitted motor is Johnson 540 silver can part number JOH-683 available from Campbelltown hobbies or RC Hobbyland for \$14-\$20.

Motor must be current version have a Johnson stamping on it and not be the old 4 hole in the outer can or plastic endbell version.

No alternate motors are allowed and no modifications made e.g. no brush mods, spring adjustments, magnet zapping, timing or tuning permitted. Water break in is okay. **Unusually fast motors will be checked (visually, by amp draw or motor dyno) and asked to be swapped out. The driver may be subject to public shaming. If you want to go fast move up a motor class!**



SPARE PARTS

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General replacements all brands

- www.vintagerunningspares.com
- [Rusti Design](#)
- Bezerk RC for Carbon cutting (Australia)
- Factory Works RC for Carbon parts (USA)

Associated

- Try JC Racing or RW racing in the UK or RC10 Chop Shop on Facebook

Losi

- Sabula Tech

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Schumacher

- Schumacher UK website or Metro Hobbies
- Muzzoom Models

Kyosho - Australian shops can get rere parts in

Yokomo – JC Racing or RW Racing

Tamiya – local hobbyshop or Tonys Tamiya parts

NOTES

The Buggy lists from 2021 still mostly apply.

You can look up the previous Buggy lists that Mikey diligently created and posted on RCTECH.NET under Australian events and the 2021 festival thread, or in the Facebook group under the 'Files' tab

"Originals" class cars are mostly any car that didn't debut and do well at the 1987 Worlds. So no Ultima, Cat variants, Optima Mid or Yokomo 870c.

2wd Purist is the Narrow Track RC10 with 6 gear transmission and with 1.7" rear tyres, Kyosho Scorpion/Tomahawk with 1.7" tyres or souped up older Tamiya's with 2" tyres. Rere Ultima not permitted, but the original with 1.7" tyres is.

HOPE TO SEE YOU THERE!

Entry link will be provided later

Contact us on:

- Facebook
- RCTECH Australia
- email patrase@hotmail.com

Congratulations if you are reading this! To reward you for your diligence message Takis Pallas or Richard Bull now and on the day you will be awarded a free packet of M&M's!

BIG THANKS TO MIKEY!!!!