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GET STARTED

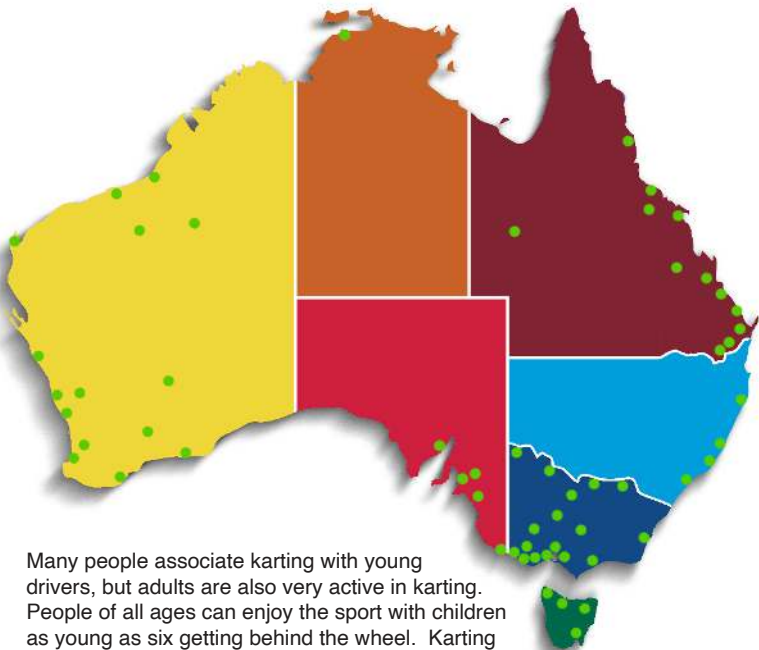
IN KARTING



#girlsracetoo

#racingstartshere

KARTING AUS



Many people associate karting with young drivers, but adults are also very active in karting. People of all ages can enjoy the sport with children as young as six getting behind the wheel. Karting teaches these children, both boys and girls, basic driving skills well before they are able to obtain their road licence. Karting is competitive, but it is also fun and family orientated, with involvement in the sport both on and off the track giving it a strong feeling of community. For those aiming at a career in motorsport, almost everyone who races cars started racing in Karts - it's the best fun you will have on four wheels.

Race meetings take place at tracks across Australia every weekend at four levels - Club, Zonal, State or National.

For more information on how to get involved in the sport of karting, please visit www.karting.net.au

AUSTRALIA CLUBS

NEW SOUTH WALES

Bega (Sapphire Coast Kart Club)
Classic Kart Club
Eastern Creek (North Shore Kart Club)
Grafton Sporting Kart Club
Newcastle Kart Racing Club

NORTHERN TERRITORY

Darwin Karting Association

QUEENSLAND

Bundaberg Kart Club
Cairns & District Kart Racing Club
Emerald Kart Club
Gladstone Kart Club
Gold Coast Kart Club
Gympie (Cooloola Coast Kart Club)
Ipswich Kart Club
Mount Isa Go Kart Club
QLD Vintage and Historic Karting
Rockhampton Kart Club
Towers Kart Racing Club
Townsville Kart Club
Warwick Kart Club Inc
Whitsunday Motor Sport Club

SOUTH AUSTRALIA

Bolivar (Southern Go Kart Club)
Dublin Go Kart Club
Monarto (Go Kart Club of SA)
Mount Gambier Kart Club
Nuriootpa (Barossa Go Kart Club)
Whyalla Go Kart Club

TASMANIA

Burnie (North Western Kart Club)
Launceston Kart Club
Hobart (Southern Tasmanian Kart Club)
Smithton (Circular Head Kart Club)

VICTORIA

Albury-Wodonga Kart Club
Bairnsdale Kart Club
Ballarat Kart Club
Bendigo Kart Club
Cobden (South West Kart Club)
Gippsland Kart Club
Numerkah (Goulburn Valley Kart Club)
Hamilton Kart Club
Historic Karting Victoria
Mildura Kart Club
Oakleigh Go Kart Racing Club
Port Melbourne (Go Kart Club of Victoria)
Portland Kart Club
Rochester Kart Club
Seymour (Eastern Lions Kart Club)
Swan Hill Kart Club
Warrnambool Kart Club
Wimmera Kart Club

WESTERN AUSTRALIA

Albany City Kart Club
Bunbury City Kart Club
Esperance Kart Club
Exmouth Kart Club
Hedland Kart Club
Wundowie (Hurricane Go Kart Club)
Impala Kart Club
Kalgoorlie (Eastern Goldfields Kart Club)
Karratha Kart Club
Lake King Kart Club
Midwest Kart Club
Newman Kart Club
Wanneroo and Cockburn
(Tiger Kart Club)



WHERE TO START?

Apply for a Licence

Joining a Karting Australia Affiliated Club will give you access to that club's circuit for practice, as well as allowing you to participate in any Club championship, social events, working bees and other club activities.

Visit the Club Finder section on Karting Australia website (karting.net.au) to find the Karting Australia Club nearest to you.

You can then join your chosen Karting Australia Club online through the Licences and Entries section on kartng.net.au. Joining a Club and obtaining a Licence is all done in this one place on the website.



Purchase a Kart

There are kart shops and karting businesses right across Australia. Your new Club will be able to help you find the one that provides the best value for money advice and service for people who are entering the sport.

Most will have new and second hand options for you.

We don't recommend that you buy your first kart off websites such as Ebay, Gumtree or any other places on the internet. You need to be sure that the kart and engine that you are buying is in good condition, is suitable for your age group and Class that you will be looking to compete in.



Safety Gear

Most kart retailers will also offer a range of safety gear. You will need a full face helmet, race suits, racing boots, gloves and other optional safety gear such as padded rib vests and neck braces.

As well as kart retailers, motorsport racegear shops carry ranges of karting gear.



Ask Questions, meet the people

Karting is a friendly, family-orientated sport and karters young and old are always happy to help out newcomers.

Make sure you ask lots of questions of members of your kart club, state association and local kart shop. It is often a good idea to plan your first trip to the kart track with your kart with someone you know so that they can help you with any questions you may have. Also, while at the circuit feel free to ask other competitors any questions. So often, the friends you make in karting will be friends for life.



TWO-STROKE OR FOUR-STROKE?

For a long time, karting has used almost exclusively 2-stroke racing engines that are specifically designed for kart racing in all age groups.

Made by Vortex, IAME, Rotax and PRD, they are the purest form of karting engines. They are also the most technical form of the sport. For the novice, 2-stroke racing can be a little daunting.

At the start of 2018, Karting Australia introduced the 4SS (4 Stroke Sprint) class. 4SS is specifically designed for the newcomer to karting. It is focused on low cost, low maintenance, simplicity and fun for the new person of all ages in the sport.

Using factory sealed 4-stroke Torini or Briggs & Stratton engines, the class is proving to be highly popular with newcomers to karting.

This class provides the opportunity for newcomers to 'learn the ropes' of the sport at a lower cost.

Numerous drivers have used this class as a steppingstone into the more powerful 2-stroke classes while others are simply enjoying having fun in the 4SS classes - particularly older drivers.

We recommend that you investigate what type of kart engine best suits you by discussing the options with your local kart retailer.



WHAT'S YOUR CLASS?

6-9 YEARS OLD

Cadet 4SS

- 9hp four-stroke engine
- Controlled Ricciardo chassis
- Controlled components
- Low maintenance
- No telemtry allowed
- Hard compound Vega tyres
- Indicative cost
Brand New \$5,200

Cadet 9

- 60cc two-stroke engine
- Open brand of chassis
- Ability to purchase different components
- Medium compound Bridgestone tyres
- Indicative cost
Brand New \$6,500-\$7,500
Used \$4,000-\$5,500



9-12 YEARS OLD

Cadet 4SS

- 9hp four-stroke engine
- Controlled Ricciardo chassis
- Controlled components
- Low maintenance
- No telemtry allowed
- Hard compound Vega tyres
- Indicative cost
Brand New \$5,200

Cadet 12

- 60cc two-stroke engine
- Open brand of chassis
- Ability to purchase different components
- Medium compund Bridgestone tyres
- Indicative cost
Brand New \$6,500-\$7,500
Used \$4,000-\$5,500



12-15 YEARS OLD

4SS Junior

- 10hp four-stroke engine
- Open brand of chassis
- Low maintenance
- No telemtry allowed
- Hard compound Vega tyres
- Indicative cost
Brand New \$5,500
Used \$3,500-\$4,500



KA4 Junior

- 100cc restricted two-stroke IAME engine
- Open brand of chassis
- Medium maintenance
- Medium compound Bridgestone tyres
- Indicative cost
Brand New \$7,500/Used \$4,000

15 YEARS OLD AND OVER

Senior 4SS

- 10hp four-stroke engine
- Low maintenance
- No telemtry allowed
- Hard compound Vega tyres
- Indicative cost
Brand New \$5,500
Used \$3,500-\$4,500



15 YEARS OLD AND OVER *ctd.*

KA3 Senior

- 100cc air-cooled two-stroke IAME engine
- Open chassis
- Ability to purchase different components
- Medium compound Dunlop tyres
- Telemetry allowed



- Indicative cost
Brand New \$7,500
Used \$3,500-\$4,500



Restricted 125

- Restricted 125cc water-cooled two-stroke engine
- Open chassis
- Medium compound Dunlop tyres
- Indicative cost
Brand New \$8,500/Used \$6,000

THE NEXT LEVEL OF KARTING

After developing their karting skills in the classes mentioned over across the past few pages, junior and senior drivers have the ability to graduate to more powerful machinery should they desire.

For junior driver, the higher levels of karting include classes such as KA3 Junior, Junior Rotax and the elite KA2

class. For the senior driver, the higher levels of karting include the TaG 125 class that utilizes unrestricted 125cc water-cooled engines such as Rotax, IAME X30 and PRD Galaxy and the elite KZ2 Gearbox Class.



KARTING TERMS



4SS

Karting Australia's low-cost, low-maintenance Class designed for an easy entry level into the sport.

Chief Steward

The Official who has the highest authority at an Event to enforce compliance with the Rules.

Clerk of Course

The Official(s) is responsible for the general conduct of the Event in accordance with the Rules. Should a Driver wish to lodge a protest, they are to do so by approaching a Clerk of Course.

CMS

Karting Australia's Competition Management System is commonly referred to as the CMS. After obtaining a Licence, Drivers are provided with a log in to the system that allows them to update their details and pre-enter Events.

Control Fuel

The Supplementary Regulations may state that only fuel from a specific Service Station is permitted to be used.

Cut Through

A shortened circuit used at Club Events sometimes used during the Formation Lap. If to be used, it is advised during the Drivers Briefing and there are instructions provided to Drivers.

DNF

An acronym for Did Not Finish the Race

DNS

An acronym for Did Not Start the Race

Drivers Briefing

At every Event, just like in other forms of motorsport, there is a Briefing for the Drivers to provide specific information from the Senior Officials. At Club Events, this Drivers Briefing is generally conducted prior to the start of the day's on track action and held on the Out-Grid or in the Clubrooms.



DSQ

An acronym for Disqualified

Formation Line

The red line painted on the circuit. This line indicates the point on the track when a Driver is required to be in their correct position prior to the start of a race.

In-Grid

The In-Grid is a fenced off area where the Drivers return to after completing their on track session. If directed by an Official, Drivers (with their karts) will need to be weighed in this area in order to ensure compliance with the rules.

Minimum Weight

Each Class will have a minimum weight that a Driver must comply to when weighed with their driving equipment and kart. The checking of this weight is completed at the Scales located in the In-Grid at the completion of the race.

Notice Board

Every Track will have an Official Notice Board where information such as results, grids and other relevant information surrounding the event will be posted.



Out-Grid

The Out-Grid or 'Dummy Grid' is a fenced off area where the karts are taken to get ready to go on track.

Pre-Entry

It is common for Events to require entry prior to the day of the Event. Entry to the majority of Club Events close in the few days prior to allow for the Club to plan the schedule. Entry is

completed on Karting Australia's Competition Management System (CMS).

Race Format

The Supplementary Regulations will outline the Format of Racing for the Event. Each Event can be different, whether the grid positions are decided by a random draw, qualifying or points from previous races in the Event.

Race Control

Also referred to as the Tower. The building, generally located adjacent to the Start/ Finish line, where the Senior Officials and Timing Officers manage the Event.



Race Order

The order in which each Class will take to the Track during an Event.

Scrutineering

At every event, each Driver is required to provide confirmation that their kart and equipment complies with the Karting Australia rules. This is conducted by completing a Scrutineering Form.

Sign-In

At most Club Race Meetings, you are required to 'sign-in' to confirm your attendance. Drivers are encouraged to check at the Race Secretaries Office to see if Sign-In is required for the respective event.

Stewards Room

An room where Drivers are required to report to if they have infringed the rules to meet with the Officials of the Event.

Supplementary Regulations

An official document that is supplementary to the Karting Australia National Competition Rules that contains specific information for an upcoming event.

Tech

Also referred to as the Scrutineering Area or Parc Ferme. An area dedicated to the checking of karts and engines with compliance of the rules.

Transponder

Every kart is required to be fitted with a MYLAPS transponder so that a Driver's results can be recorded. A transponder can be purchased online at www.mylaps.com

Weight

Also referred to as Ballast or Lead. To ensure compliance with the minimum weight for the Class, Drivers are able to bolt lead weights to their seat in accordance with the Rules.

KARTING CHECK LIST

Detailed below is a short check list to ensure that you've got all of the essentials covered for when you head to the kart circuit. Even the most experience kart racers forget some of the basics, so we suggest that you make a check list and consult it every time you are preparing to head to the circuit.

- All Safety Equipment
- Battery Charger
- Chain Lube
- Club Membership Card/Key
- Compressor/Tyre Pump
- Drinks
- Esky with Ice
- Fuel/Oil Mixing Jug
- Kart Prepared
- Kart Trolley
- Karting Australia Licence
- Fuel Container
- Kart Fuel
- Kart Oil
- Tool box
- Trailer Keys
- Transponder
- Tyre Pressure Gauge
- Zip Ties



2-STROKE FUEL MIX

	16:1	20:1	25:1	30:1	33:1	40:1	50:1	66:1
Fuel (L)				Oil (ML)				
5	313	250	200	167	152	125	100	76
7.5	469	375	300	250	227	188	150	114
10	625	500	400	333	303	250	200	152
12.5	781	625	500	417	379	313	250	189
15	938	750	600	500	455	375	300	227
20	1250	1000	800	667	606	500	400	303

KARTING FLA

Communication to drivers on a kart track is via safety flags and lights, these flags are similar to those used in many other forms of motorsport. Detailed below is a summary of many of the flags used in Karting Australia events.



GREEN FLAG

All Clear. It can also be used if necessary to signal the start of warm up laps or practice sessions.



GREEN WITH YELLOW CHEVRON FLAG

Restart. Reform on Track. To be used by the Starter and / or Clerk of the Course in the event of an error of judgement by the Starter.



RED AND WHITE CHEQUERED FLAG

Signifies that it has been a false start or no start, return to pits, this flag can be used by a Steward/ Clerk of the Course or Starter prior to the first lap being completed.



YELLOW FLAG

A signal of danger ahead. Reduce your speed, do not overtake and be prepared to change direction. There is a hazard ahead. Overtaking is not permitted between the first yellow flag / light and the next operational flag point that is not displaying a yellow flag/light.



BLUE FLAG

Signifies that you are about to be lapped by one or more Competitors. On receiving this flag / light, you may continue with your race and hold your normal race line, but allow any overlapping Kart/s to pass unimpeded.

AGS/LIGHTS



RED FLAG

All racing must cease. No overtaking is permitted. Drivers will indicate by raising their arm and return to the grid area designated in Supplementary Regulations and/or advised in the Drivers Briefing at a greatly reduced speed and in a safe manner being prepared to stop on Track if necessary.



BLACK AND WHITE WITH DIAGONAL JOIN

Displayed together with a panel upon which the Driver's Kart number is displayed to the Driver concerned, it indicates that the Driver is being observed for unsportsmanlike behaviour. The Driver must report to the Clerk of the Course or Steward immediately after the race.



BLACK AND ORANGE FLAG

This flag is displayed together with a panel upon which the Competitors' Kart number is shown to inform the Driver concerned that their Kart may have a mechanical /safety problem or does not comply with the Rules. The Driver must return to the mechanical breakdown lane / in grid safely, prior to or immediately following completion of the next lap.



BLACK FLAG

Displayed together with a panel upon which is shown the Kart number. Such signal indicates that once a Driver receives the black flag they are to return to the mechanical breakdown lane / in grid safely, prior to or immediately following completion of the next lap. The Driver may not re-enter the race.



BLACK AND WHITE CHEQUERED

The display of the black and white chequered flag will determine the end of the race. The race finishing order will be as Karts cross the Finish Line on the lap when the black and white chequered flag is displayed.



KARTING

A U S T R A L I A

www.karting.net.au

1300 30 5278



CONTACT DETAILS