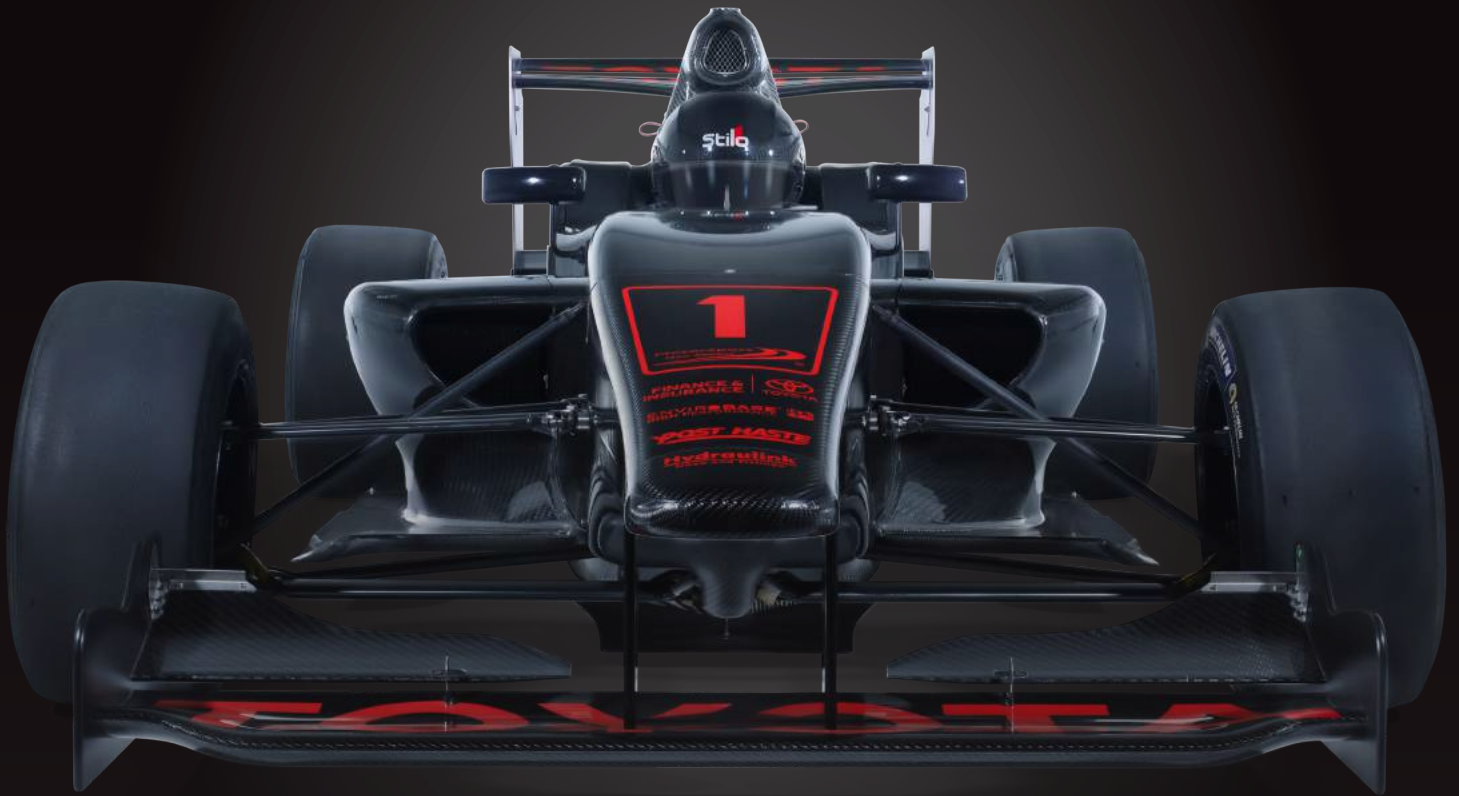




TOYOTA

Racing SERIES

2018 SERIES GUIDE



CASTROL TOYOTA RACING SERIES

**FINDING THE NEXT
WORLD CHAMPION**

 **TOYOTA** | Believe



Five spectacular locations, exciting racing

World class, Fast, and Competitive

Attracting drivers from around the globe the Toyota Racing Series offers drivers 5 weekends of fast, and competitive racing at New Zealand's best race circuits.

At every round, cars are on track for practice sessions, qualifying, and three races.

There is ample time between races to adjust and refine car set-up, relax and

refresh in the Toyota Finance Paddock Club over a hot drink or lunch. All part and parcel of New Zealand's premier motor racing series.

Drivers and teams in the series have access to extensive professional technical support, full parts supply, data analysts, carbon fibre repair, and dedicated technical liaison and scrutineering support services. All along with the hospitality facilities for

which Toyota Racing New Zealand has rightly become famous.

Toyota's support of the series extends to comprehensive marketing including television coverage of all rounds, television and print advertising. A dedicated photographer and media communications specialists attend each event.

Driver Benefits

What to expect:

- ✓ Cost effective European concept one make single-seater formula
- ✓ 2500km during 21 days (10 qualifying sessions and 15 race starts)
- ✓ 20 hours of track time over 5 weeks (split across 10 sessions week on average)
- ✓ Equal, reliable equipment focusing on drivers performance
- ✓ Professional technical support
- ✓ Television, Social media, web and professional PR services
- ✓ Provides winter training in southern hemisphere summer

New Zealand's Premier Single-Seater Category

Delivering fast, competitive racing, New Zealand's premier single-seater category attracts drivers from around the globe. The Castrol Toyota Racing Series (TRS) is New Zealand's fastest racing category providing winter training in a southern hemisphere summer.

Moving into the 14th season as New Zealand's premier category, TRS is as exciting, fast and closely fought as ever.

The only class in New Zealand motorsport that offers aspiring racers vital experience with wings, slicks and composite technologies, TRS is Toyota's commitment to nurturing our next generation of top level racing talent. No other manufacturer has made the same long term commitment to motorsport as Toyota New Zealand.

Drivers in the National Championship series compete for almost every major title and trophy in the sport. The series attracts Premier Gold Star status along with the New Zealand Grand Prix title, one of only two FIA-sanctioned Grand Prix race events outside of Formula One, making it a truly world class motorsport event.

TRS cars lap New Zealand circuits faster than an NZV8 and more than six seconds faster than Formula Ford. A level of investment unmatched by any other manufacturer demonstrates Toyota's commitment to finding the next generation of racers and giving them the best possible stepping stone to the next level of their careers.

Toyota's support for the only manufacturer-based single-seater class in New Zealand extends to the most advanced trackside pit and hospitality facilities in the country. It's a paddock presence that supports both race teams and their sponsors. The travelling F1-style set-up features a paddock area and marquee bay so each competitor works in a self-contained, professional environment alongside other race teams.



TOYOTA | Believe



Toyota Racing Series is our commitment to developing and nurturing New Zealand's next generation of world-class drivers. Combining the latest innovations in motorsport engineering and composite technologies with the natural driving talent of our aspiring racers, we aim to give them the best possible preparation for intense competition on the global stage.

 **TOYOTA** | *Believe*



THE FT-50 CHASSIS ARE SUPPLIED BY TATUUS IN ITALY AND CONSTRUCTED TO FIA FORMULA 3 SAFETY STANDARDS



New Zealand's premier single-seater category is the fastest and most competitive class in New Zealand.

The Castrol Toyota Racing Series car is a bespoke designed chassis supplied by Tatuus in Italy, the FT50 is built to FIA F3 safety standards and has same physical dimensions as a current F3 car.

Some important features include Magneti Marelli paddle shift system, Sadev gearbox, Brembo F3 brake package, Motec electronics, Aim onboard cameras, F3 wheel and tyre package.

Toyota's well proven all alloy 2ZZ engine produces a reliable 215 HP.

All TRS engines are owned and maintained by Toyota New Zealand and are leased to the teams on a per season basis.

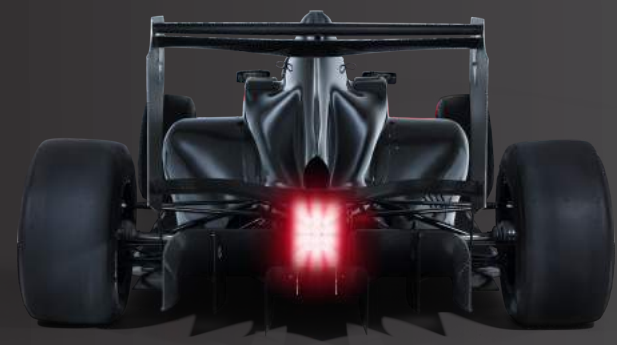
At the end of each season the engines are stripped, rebuilt and then dynamometer tuned to ensure performance is equal.

Spare engines are carried to each round of the series by Toyota Racing and in the very unlikely event a replacement engine is required, a replacement is immediately

available.

In the rare event of a failure that is not attributable to a driver or team then a replacement engine is supplied at no cost.

This package: a state-of-the-art, purpose-built monocoque carbon fibre chassis, a controlled 1.8 litre in-line four-cylinder engine and identical tyres and parts is a performance formula that places emphasis on driving talent.



CHASSIS	Monocoque carbon, F.I.A, F3 Manufactured by Tatuus SRL, Milan, Italy
BODY	Carbon fibre
ENGINE	Toyota 2ZZ-GE 1800cc, 215hp
GEARBOX	Sadev 6 speed paddle shift, limited slip differential
SAFETY	Carbon lift out with belts, rear crash box, high cockpit helmet protection
FRONT SUSPENSION	Push rod, twin dampers
REAR SUSPENSION	Push rod, twin dampers
SHOCK ABSORBERS	Orams 2 Way adjustable
CALIPERS	Brembo F3
BRAKE DISCS	Brembo F3
WHEEL RIMS	Aluminium, centre bolt fixation, front 9 x 13, rear 10.5 x 13
TYRES	Michelin F3 Specification slick and wets
WEIGHT	550kg approx. (with driver)

PREMIUM
Hospitality

Our Toyota Financial Service Paddock Club is a dedicated premium serviced mobile facility available for drivers, sponsors and guests to enjoy in a relaxed friendly atmosphere.

A two course buffet lunch and dinner featuring local cuisine is provided Friday, Saturday and Sunday. Tea and coffee is available in our café throughout the day as well as free internet access.

We also provide breakfast, lunch and dinner from Thursdays for teams, drivers and guests by arrangement.

This is an ideal environment to host VIP's, friends and family; while you enjoy the action packed weekend.

This is the finest corporate hospitality available at any race circuit in New Zealand.



Typical Event Schedule

Thursday	13.00	Free Practice 1 (30')	Saturday	11.00	Qualifying Session 1 (15')
	15.30	Free Practice 2 (30')		11.20	Qualifying Session 2 (15")
				15.00	Race 1 (15 laps)
Friday	10:30	Free Practice 3 (30')	Sunday	11.00	Race 2 (15 laps)
	13.30	Free Practice 4 (30')		15.00	Race 3 (20 laps - feature race)
	15.30	Free Practice 5 (30')			





The Toyota Racing Series is contested by four independently owned race teams who look after the engineering and prep of cars during the season; MTEC Motorsport, M2 Competition, Giles Motorsport, and Victory Motor Racing.

Prestigious trophies representing more than 50 years' of New Zealand motor racing history



CHRIS AMON TROPHY

Awarded to the driver gaining the highest aggregate points overall from all five rounds constituting the championship.

- 1st overall - \$20,000.00 NZD
- 2nd overall - \$10,000.00 NZD
- 3rd overall - \$5,000.00 NZD

INTERNATIONAL DRIVERS CHAMPION

The Castrol Toyota Racing Series International Trophy is awarded to the driver gaining the highest aggregate points overall from all five Rounds constituting the International Series.

Note: To register as an "International Driver" a driver must not be a New Zealand passport holder and must currently hold an FIA International race licence from an ASN other than MotorSport NZ.

TRANS TASMAN TROPHY

All NZ and Australian competitors who complete all rounds of the Championship are eligible to compete for the Trans Tasman Trophy which is awarded to the highest placed eligible competitor.

- 1st overall - \$10,000.00 NZD
- 2nd overall - \$7,000.00 NZD
- 3rd overall - \$3,000.00 NZD

BUTCHER CUP

Awarded to the highest overall points scorer, this trophy is presented at the MotorSport New Zealand (MNZ) annual awards function along with the MNZ Race Gold Star (for single seaters).

BRUCE MCLAREN TROPHY

Presented to the highest placed New Zealand passport holder at the MotorSport New Zealand annual awards function.

TEAM CHAMPIONSHIP TROPHY

The TRS Teams Championship Trophy is awarded to the team gaining the highest aggregate points overall from all five Rounds constituting the Championship of the highest placed drivers from each team in each race.

- 1st - \$3,000.00 NZD
- 2nd - \$2,000.00 NZD

ROOKIE OF THE YEAR*

The TRS Rookie of the Year Trophy is awarded to the rookie driver gaining the highest aggregate points overall from all five rounds constituting the championship. Along with the trophy the Rookie of the Year received an Engine Lease for the following season.

**To be eligible for the Castrol Toyota Racing Series Rookie of the year Trophy drivers must have entered and competed in no more than three rounds of any previous Toyota Racing Series Championship and must have entered and competed in no more than three rounds of any equivalent or higher level single-seater formula within the last 12 months.*



LADY WIGRAM TROPHY

The Lady Wigram Trophy is awarded to the winner of the feature race of round one of the championship.

THE SPIRIT OF A NATION CUP

The Spirit of the Nation Cup is awarded to the winner of the feature race of round two of the championship

THE NEW ZEALAND MOTOR CUP

The New Zealand Motor Cup is awarded to the winner of the feature race of round three of the championship

DENNY HULME MEMORIAL TROPHY

The Denny Hulme Memorial Trophy is awarded to the winner of the feature race of round four of the championship.

DAN HIGGINS TROPHY

The Dan Higgins Trophy is awarded to the winner of the first race of round five of the championship.

- 1st - \$2,500.00 NZD
- 2nd - \$1,500.00 NZD
- 3rd - \$1,000.00 NZD

THE NEW ZEALAND GRAND PRIX

The New Zealand Grand Prix Trophy is awarded to the winner of the final race of round five (35 laps) of the championship.

- 1st - \$2,500.00 NZD
- 2nd - \$1,500.00 NZD
- 3rd - \$1,000.00 NZD

DOROTHY SMITH MEMORIAL CUP

The Dorothy Smith Memorial Cup is awarded to the overall winner of round five based on championship points.

ENGRAVED TISSOT WATCHES

- The winner of the feature race at each round
- 1st, 2nd & 3rd Overall in the Championship
- Winner of the Teams Championship
- Winner of the New Zealand Grand Prix



“Castrol has a long history and ongoing commitment to motorsport and motoring in New Zealand and we are proud to now be associated with a world class racing series, and importantly, one that provides a great platform to develop and nurture young racing talent. Castrol EDGE is our strongest oil ever – perfectly suited for the Toyota racing environment, where there are extreme conditions for both car and driver.”

Greg Bond, Castrol New Zealand Marketing Manager



Since 2005 there have been over 150 TRS Graduates. Many are represented in Formula One, World Endurance Sports cars, GP2, GP3, Formula 3, Formula Renault 2.0, Formula 4, Porsche Supercup, GT Sports Cars, Indy Lights and V8 Supercars.



Source: Driven.co.nz



Source: Autosportfoto.sk



Source: Motornews.co.nz

-  Brendon Hartley (LMP1)
-  Daniil Kvyat (F1)
-  Alex Lynn (LMP2, Formula E)
-  Earl Bamber (LMP1)
-  Will Stevens (F1)
-  Nick Cassidy (Super GT)
-  Felix Serralles (Indy lights)
-  Jordan King (F1, F2)
-  Mitch Evans (GP2, Formula E)
-  Lucas Auer (F3, DTM)
-  Raffaele Marciello (F1)
-  Steijn Schothorst (GP3)
-  Tatiana Calderon (F3, GP3)
-  Richie Stanaway (LMGTE Pro)
-  Nicholas Latifi (F2)
-  Martin Rump (Formula Renault 2.0)
-  Neil Alberico (Indy lights)
-  Jann Mardenborough (GT3)
-  Ryan Tveter (GP3)
-  Pipo Derani (LMP2)
-  Pedro Piquet (F3)
-  Lance Stroll (F1)
-  Jehan Daruvala (F3, Force India Young Driver)
-  Arjun Maini (GP3, Haas F1 Development Driver)
-  Sergio Sette Camara (F2)
-  Artem Markelov (F2)
-  Santino Ferrucci (GP3, Haas F1 Development Driver)
-  Ferdinand Habsburg (F3)
-  Callum Irott (F3)
-  Shane Van Gisbergen (V8 Supercars)
-  Richard Verschoor (Formula Renault)
-  Alfonso Celis (Formula V8 3.5 Series)
-  Marcus Armstrong (F4, Ferrari Driver Academy)
-  Guanyu Zhou (F3, Ferrari Driver Academy)

Television Coverage

TRS is now a truly global driver development series with more than 100 countries broadcasting our show in multiple languages. To add international flavour, Jonathan Green (Superbikes Commentator) is used for our program commentary.

- Motors TV Europe (42 countries with over 30 million subscribers)
- Alterna TV Network (North America in over 25 states, South America in over 7 countries)
- Star Times Africa (51 countries with over 4 million subscribers)
- Fox Sport TV (Australia)
- TV3 & Sky TV (New Zealand)



2018 CALENDAR

Date:	Venue:	Event:
10 - 14 Jan 2018	Ruapuna	Lady Wigram Trophy
18 - 21 Jan 2018	Teretonga	Spirit of a Nation
25 - 28 Jan 2018	Hampton Downs	New Zealand Motor Cup
1 - 4 Feb 2018	Taupo	Denny Hulme Memorial Trophy
8 - 11 Feb 2018	Manfeild	63rd New Zealand Grand Prix



Castrol Toyota Racing Series, Class of 2017

Partners

From the very beginning, the championship has had the backing of some major brands who see the value in associating with New Zealand's leading single-seater racing series.

These are our current championship sponsors and partners.

OFFICIAL SPONSORS



FINANCIAL
SERVICES



OFFICIAL PARTNERS



Bruce Jenkins Photography

Call or email for more information about the Toyota Racing Series:

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Follow us on



Every endeavour has been made to ensure text details, specification and costs quoted in this publication were accurate as 1 June 2017. Toyota Racing New Zealand operating under Toyota New Zealand Limited reserves the right at any time to introduce any changes deemed necessary. For further information contact Toyota Racing New Zealand. We will be glad to assist. [Production effective June 2017]