

Demo Class Rules for 2018 Speedy RC AARCMCC EP On Road Queensland Title

F1

- Chassis - Any commercially available 1:10 scale rear wheel drive F1 or Indy Car chassis with a T-bar, Pivot Ball Link or independent rear suspension. 4WD's must have drive to the front wheels disabled. Any hop ups specifically available for that chassis are allowed
- Tyres – Rubber tyres only No wheels or tyres manufactured for a class other than F1 may be used
- Body Shell - Any F1 body shell. Painting your shell in past or current full scale F1 team colours is encouraged but any paint scheme is allowed. Driver head / helmet must be fitted. Painting of the drivers helmet and overalls is encouraged
- Wings - Any wing designed for the chassis or body shell in use is allowed. Touring Car wings may not be used
- Width – Maximum width 205mm
- Minimum Weight – Minimum Weight 1000g (with transponder).
- Batteries - Any 2S hard case lipo that has ROAR or BRCA approval as stated in AARCMRCC rules or 6 cell Nimh or Nicd battery
- ECS Rule - **Brushless:** Any ESC that does not have dynamic timing ie; boost or turbo timing options, or any ESC that has a Blinky mode ie; a flashing light denotes that no dynamic timing is enabled, is allowed
- Motor Rule - **Brushless:** Any 21.5 turn brushless motor with any rotor. Any end bell timing is allowed
- Driving Aids - No electronic driving aids (steering control by gyroscope, Drag Reduction System, wheel speed sensors, etc). Transmitter functions are allowed
- 6 minutes qualifying and single 8 minutes final

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Pro 10



- Maximum length: 560 mm
- Maximum width: 250 mm
- Wheelbase: 230 mm to 280 mm
- Maximum height: 115 mm
- Minimum weight: 1,100 g
- Drive: directly driven rear wheels only
- Rear: Single-piece shaft. Differential allowed
- No independent rear suspension permitted
- No gearboxes permitted.
- Battery – Cars are to be driven by only 2S LiPo batteries with a maximum nominal voltage of 7.6v as per Section 12 of the AARCMCC: EP On-Road General & Technical Rules
- Motor – a single commercially available '05' size motor approved by IFMAR, ROAR, EFRA or BRCA
- Speed Control – Open.
- Foam tyres only.
- Wheel rim diameter is a maximum of 50 mm
- Wheel width is a maximum of 52 mm
- Approved tyre additives are permitted (check with local club).

The body must be of type LeMans Prototype, Group C, GTP, CanAm, GT or WSC. Only Pro10 bodies are allowed. Bodies referred to Nitro powered models such as Lola and Serpent Porsche and derivatives thereof such as the MIX Lola are not allowed.

The approved body list is as follows:

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- Andy's RC - Sauber Mercedes
- McAllister Part# 123 Jaguar
- McAllister Part# 146 Nissan GTP
- McAllister Part# 133 Toyota GTP
- Colt M1141 Porsche 962C (200mm)
- Colt M1138 Toyota GT1 (200mm)
- Corally Part# CR78221 - Pro10 Nissan (205mm)
- Corally Part# CR78222 - Pro 10 Porsche 962 (205mm)
- Corally Part# CR78226 - Pro10 Nissan
- Corally Part# CR78228 - Pro 10 Sauber
- MIX Part# MX78225 - Pro 10 Toyota
- MIX Part# MX78226 - Pro 10 Nissan GTP
- PROTOform Part #1500-21 - P905B High Down Force
- PROTOform Part #1553-25 - Swift 235
- Team Bluegroove P Type 962
- Team SAXO Part# TS02070
- Team SAXO Part# TS02064 (200mm)

Side dams and rear wing flaps (Gurney flaps) may be added. They must:

- Be made from polycarbonate
- Comply with the dimensions listed in the Chassis and Dimensions section.

Races will be five (5) minutes in length, plus time to complete the last lap.

Tamiya Truck

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- Legal kits: Item 58632 RC Team Hahn Racing MAN TGS (TT-01 type E chassis) & Item 58642 RC Team Reinert Racing MAN TGS (TT-01 type E chassis)
- The kit must be built exactly per the instruction manual.
- The **ONLY** Hop-Up Options are
Ball bearings (any type/brand)
Alloy Prop Shaft set #54026
Alloy Prop Shaft part #53620
- Must use stock pinion and spur gear (58t spur/22t pinion)
- The kit Tamiya TBLE-02S ESC and kit supplied motor (item 54358 RS-540 Torque-Tuned Motor) must be used. Battery connector may be changed to DEANS or other type. Motor Bullet connectors may not be removed.
- All body parts must be used.
- Body may be painted in any scheme.
- Must use kit tires and wheels. **NO tire treatment allowed.**
- Any grease or lube may be used to lubricate gears or moving parts.
- Batteries: Any round-case 2S LiPo battery or Nimh (6 cells) may be used for this class - voltage check applies.
- Local Rule: NO motor treatment of any kind allowed at the track premises.