



RaceCar

consultants

2017 FIESTA JUNIOR PROGRAMME



Race Car Consultants

JUNIOR PROGRAMME

This document is intended as a guide for all arrive and drive drivers looking to race with us in 2017 and beyond. It provides an overview of how we prepare our cars and the areas we cover to help ensure success. We are double Fiesta ST drivers and teams Champions and are very much aiming to increase that tally in 2017.

Listed below is the minimum standard we expect to provide for all our customers:

Car Preparation and Development:

Car performance, reliability and equality are of great importance to RCC, therefore we have a programme in place to ensure repeatability and accuracy for all our race cars. We are about winning, not participating and feel all our drivers should have the car beneath them to take a fair shot at the championship title.

Key Facts

- Suitable for 14 to 17 yr olds
- 160bhp sealed race engines
- Dunlop cut slick and full wet weather tyres
- 16 races held over 8 race weekends
- Visiting 8 major UK circuits
- Custom Junior roll cage meeting the MSAs exacting safety standards. 8 separate pole position sitters (2016)
- 7 different race winners (2016)
- Average grid size of 16 cars (2016)
- 8 separate pole position sitters (2016)





Pre and Post Race Weekend/Test Day Preparation:

- Driver seat fitting and cockpit acclimatisation.
- The beginning of the season rolling road power test to ensure engine power and torque are optimal and that gearbox and frictional losses are minimal.
- Use of premium grade fuel throughout.
- Full vehicle spanner checks including front and rear suspension, engine and gearbox.
- Check of all fluids, drive shafts, wheel speed sensors and ABS. (rebuild/refill where required)
- Strip, check and re-grease of brakes. Change of pads/discs when required.(after each meeting)
- Check and adjustment of caster, camber and front and rear tracking.
- Corner weight setup using a specialist flat patch. The addition of the correct amount of ballast.
- Fuel drain and refuel, rain X and fog X of windscreen and side windows.
- Change lap timing beacon orientation for a specific circuit.



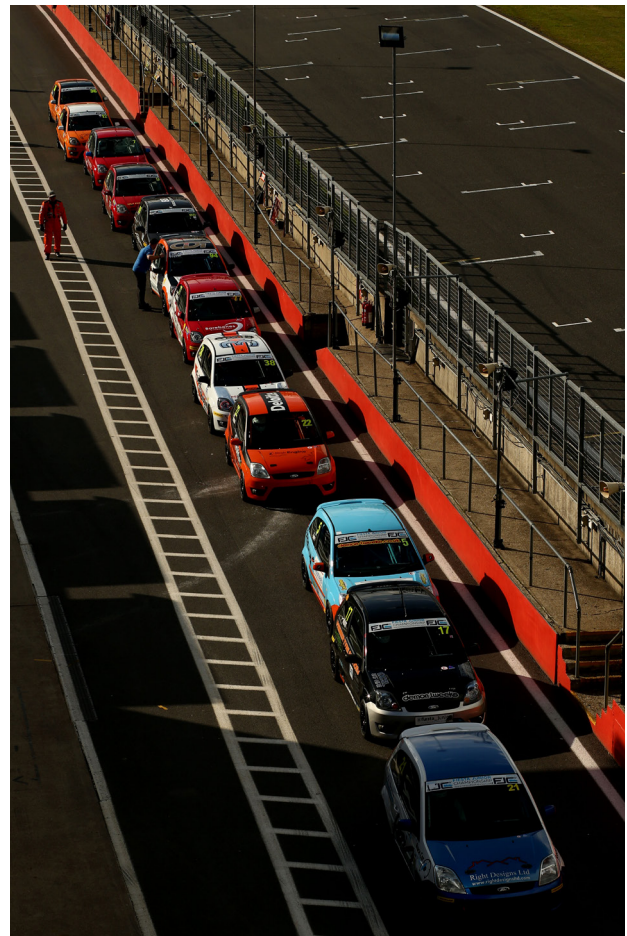
- Installation of the passenger seat for registered ARDS instructor when required.
- Repair or replacement of any minor damage from the previous outing.
- Wash, blow dry and re-oil of an air filter. (each meeting)
- Wash and polish.
- Start and mid-season strip and rebuild of a gearbox, plus engine oil and filter change.
- Install of Quaife limited slip differential.
- Full car strip and inspection, install all known Race Car Consultants performance modifications.

Race meeting preparation/setup



- Windscreen clean, rain X and fog X.
- Fitment of new tyres for qualifying.
- Running repair of any damage/mechanical issues between sessions.
- Specific circuit car setup and geometry changes.
- Data share between drivers.

- Pre-session setup includes correct tyre choice for driver experience vs conditions.
- Optimum setup for High Speed, Low Speed and Rebound suspension settings.
- Optimum tyres pressure settings.
- Full race weekend/test day mechanical support.
- Check of vehicle and driver weight/ride height at official circuit weighbridge.
- Post free practice and qualifying spanner check, fluids check, wheel bearing and front hub assembly checks.
- Fuel drain and refuel between all sessions.



Team Support

RCC team support will be onsite for all test days and race weekends unless otherwise agreed. We will cover all aspects of car setup, preparation and the running of the car for the day. We have a large back catalogue of setup data and video footage covering the majority of circuit conditions.

Full pit lane support is included with pit crew ready to change tyres, quickly repair damage or make suspension changes mid-session.

Car Development

For each race meeting, we aim to bring at least one performance upgrade to the car, however small. Each and every time a driver turns up to a circuit it's important that they know they have the best car beneath them.

Driver Development and Progression

As a driver, there is always something to learn and we pride ourselves on giving all our drivers equal opportunity to win.

Full open use of previous data and in car filming, (subject to non disclosure agreement being signed) and pre-race weekend narrated videos by double ST Champion David Ellesley. All available via a secure login on our website.

Every session is filmed by in-car HD video, with availability to review post session.





FIESTA JUNIOR CHAMPIONSHIP
FJC
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DUNLOP

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Junior ARDS Course

Gaining Your Junior National B Race Licence with RCC:

If you haven't already done so gaining your Junior National B race licence is the first step to getting on the grid.

Step 1:

Order the MSA Go Racing Starter Pack. This gives a good introduction into gaining your National B race licence and crucially contains the 'blue form' which is your application to apply for the licence.

Step 2:

Complete the licence application, with photo, correct fee and bring it along to the day of the test.

Step 3:

Research and fully understand all the flag signals, safety procedures and general knowledge contained on the DVD included with the Starter Pack.

Step 4:

Arrange and attend a suitable day for the ARDS test itself. We carry out all our ARDS courses at Silverstone over a full day, not a half day.

The practical driving element takes place in either a Clio 172 sport with dual controls or Fiesta Junior car depending upon driver confidence.

Our instructors spend several sessions in car together throughout the day with tuition on line, gears, car balance, braking, overtaking, being over taken etc.

The emphasis is on safety, not just speed. A reasonable pace by the end of the day, full awareness of safe overtaking, being overtaken and staying in full control of the car at all times are key attributes.

Upon successful completion of the practical driving element and written test its time to celebrate, you have your National B Race Licence! Well Done!

Costs:

Junior ARDS Full Day: including car hire, fuel, tuition and the test fees. £1,000

Individual Test Days: including car hire, fuel, team support, testing fee, tyres and tuition. £975

Season Package: All of our junior race packages are bespoke and vary depending upon the needs of our drivers. Number of test days, level of support and tuition all vary, so please contact us for a detailed and accurate quotation.



