



Technical Regulations

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1. Introduction

- 1.1. The following Technical Regulations are set out in accordance with the Lotus Cup specified format.

It should be clearly understood that unless a modification or removal/change of an item is specifically permitted by these regulations, that any modification or removal/change or repositioning of an item is prohibited.

The provision of evidence to determine eligibility is the responsibility of the entrant/driver at all times

2. General Description

- 2.1. The series is open to all Lotus cars that comply with the four groups laid out below. All cars must be approved by the Series Director. Other cars may be accepted on a case-by-case basis, with Lotus Cup USA having final say.
- 2.2. Any vehicles affected by any changes made by Lotus Cup USA will be notified at the earliest opportunity. The series organizer reserves the right to adjust Class &/or car specification including power and weight specifications in the interest of equalizing competitiveness between cars at any time during the season.
- 2.3. Race Classes: Competitors will be appointed to a group upon registration (i.e. which Race Group they are entered into).
- 2.4. Lotus Cup USA reserves the right to invite other cars into the Trophy Class at certain events and/or to allow a vehicle to take part in an event within the Trophy Class category. This may include vehicles that have failed to submit properly completed



Technical Documents within the time period specified.

- 2.5. Organizers may share grids with other similar race series if car count is low.
- 2.6. In considering whether to permit any car to race, the Series Director reserves the right to take into account, at any point during the season, its appearance and the standard of its presentation (including its interior) and may exclude any car the appearance of which they consider may prejudice the reputation of the series or is otherwise not acceptable.

3. Safety Requirements

- 3.1. All personal safety equipment must conform to SFI and/or FIA standard, including – but not limited to – race suits, helmets, balaclavas, gloves, and boots.
- 3.2. All drivers are required to use an SA2010 or newer rated helmet.
- 3.3. All drivers must wear at least a two-layer Nomex racing suit at all times while driving in an official Lotus Cup USA session including Nomex gloves, underwear and socks.
- 3.4. A minimum five-point harness is required for all race group participants with non-expired FIA or SFI 16.5 certification.
- 3.5. A head and neck restraint system (e.g. HANS Device) is required for all race group drivers. Must have the latest SFI certification and be worn in all Lotus Cup USA sessions.
- 3.6. A driver's window net OR arm restraints are required for ALL drivers and be used in all Lotus Cup USA sessions. A triangular interior net is highly recommended. Open cockpit cars must use arm restraints. You will not be allowed on track without either solution.
- 3.7. Fire Extinguisher and/or suppression system is required for all participants. For time attack participants, the extinguisher must be securely mounted within drivers reach in cabin. For race group participants, it is highly recommended to use a suppression system with both interior and exterior accessible actuators.
- 3.8. An exterior engine kill switch is mandatory that disconnects the battery and shuts down the engine. The location of the kill switch should be clearly marked.



- 3.9. A roll cage is required for all Race group participants and highly recommended for Time Attack. Modification to the roof, doors, clam and other areas are allowed if necessary for the installation of the roll cage.
- 3.10. Cage Design must have a minimum tubing size of 1.500 x .095 DOM/Seamless Alloy or 1.500 x .120 ERW and follow FIA specifications (see FIA approved Lotus cage design for reference).
- 3.11. One (1) continuous length of tubing shall be used for the main hoop member with smooth continuous bends and no evidence of crimping or wall failure. The radius of the bends in the roll cage hoop (measure at centerline of tubing) shall not be less than three (3) times the diameter of the tubing.
- 3.12. Roll cage is required to have a minimum of six (6) points where it mounts to the chassis of the vehicle. All points should be welded or securely bolted if that is the only option.
- 3.13. A knee bar is required for all roll cage designs.
- 3.14. Roll cage may connect to front shock towers.
- 3.15. Roll cage may include lateral support around engine.
- 3.16. Door bar(s) are not required, but highly recommended.

4. General Technical Requirements & Exemptions

- 4.1. The Chief Steward or other Tech Official shall be the sole arbiters and shall be a judge of fact. Any finding as to whether or not any item or component is 'standard' or 'relevant' for the purpose of these regulations shall be a Judgment of Fact.
- 4.2. The decision of the Series Organizer upon all matters in relation to interpretation, applications, breaches and enforcement of these regulations (including without limit, eligibility and Classification) shall be binding upon all competitors, who shall on registering for the series be deemed to have full knowledge of these regulations and to have accepted same in full.

5. Groups

There will be five groups for Lotus Exige, Elise, Evora, 2-Eleven, 3-Eleven, Exige V6



Cup, Elise Cup R or Evora GT4 vehicles. Groups are defined based on the type of car. The basic principal of this is as follows:

Group – V6 Cup R

For all original Exige V6 Cup R factory racecars. If class minimums aren't met, the V6 Cup R class will be combined with Trophy.

Group – Trophy

For all original engined Elise, Exige, 2-Eleven, 3-Eleven, 340R, Exige Cup R, and GT4 variants not fitting into other groups. Each car will have a specific minimum weight and horsepower limit to maximize competition. Other cars may be accepted on an invite, round by round basis.

Group – SuperSport

For Evora GTN, 2-Eleven, and modified Exige Cup car variants. Each car will have a specific technical rule set to maximize competition.

Group – Cup

For Exige Cup or other forced induction Elise or Exige cars up to a maximum of 230 whp measured by a dyno, with a minimum combined weight of 2050 lbs. including driver.

Group – Production

For N/A Elise or Exige cars with a maximum horsepower of 175 whp measured by a dyno, and a minimum combined weight of driver and car of – Elise = 1950 lbs, Exige = 2000 lbs. In addition, this class will feature the new Elise Cup R with a maximum horsepower of 185 whp measured by a dyno, with a minimum combined weight of 2200 lbs. including driver.

- 5.1. Vehicles do not have to reach the maximum power, the minimum weight, or the maximum power to weight figures defined within these regulations. They are MAXIMUM and MINIMUM values only.
- 5.2. Drivers must submit the official Lotus Cup USA technical spec sheet providing details of their car. This document will detail the specification of the vehicle for the entire season. Any changes that the competitor wishes to make to the specification of the vehicle throughout the season must be applied for in writing a minimum of 2 weeks before the next event for approval by the series Chief Technical Steward. They will then be required to submit their car to one or more power tests during the season. The power test will provide the cars power "at the wheels". Competitors are entirely



responsible for any damage caused by the power testing. LCUSA will use the figures obtained to police the maximum power and power to weight if relevant in each group.

- 5.3. Power limits on the classes must be strictly adhered to – LCUSA advise all drivers that their cars MUST be under this maximum as there will be no excuses should they be found to exceed them. ALL drivers must submit a dyno sheet before the first event from an approved series dyno.
- 5.4. Vehicles may have individual weights set dependent on their class specification.
- 5.5. LCUSA strongly advise drivers to check with the series Technical Advisers before making any modifications, as the committee decision will be final.
- 5.6. Any new components released by Lotus Cars must be accepted for use in the series before competitors use them.

6. Pump Fuel Rule

- 6.1. All participants must run unleaded fuel, up to 100-octane, available at the racetracks fuel pump. E85 is allowed in Trophy with approval from the Series Director. Fuel testing will take place throughout the race weekend.

7. Class: **Production**

7.1. **Series 2 Elise and Exige with naturally aspirated Toyota Engines.**

7.1.1. Chassis

7.1.1.1. The construction type, design and material must remain as standard. This includes the sub frame.

7.1.1.2. No additional bracing/supports may be added.

7.1.2. Bodywork

7.1.2.1. All cars must retain the standard road car's profile, and be maintained to a high standard of finish. While it's understandable that damage may occur during a weekend, it's important that this is rectified before the next event. This is important to maintain the image and profile of the series.



- 7.1.2.2. Lotus Cup USA reserves the right to overrule any part that is felt to be outside the spirit of the series. If in any doubt about what is/is not acceptable, the responsibility is on the entrant to ask first.
- 7.1.2.3. All body panels must remain as standard production in size, shape, profile and material (i.e. Pre-preg GRP, Kevlar and Carbon fiber are not permitted). Aftermarket replacement panels may be used (e.g. Sector 111 Racing Clams) with approval from Series Director. Oil cooler ducts on the bumper may be filled but must maintain factory bodyline.
- 7.1.2.4. Side scoops may be fitted, but must not protrude further than the side profile of the car. Material is free.
- 7.1.2.5. Side scoop inner vents may be removed but the external holes in the clam must be standard size and profile. No clam material may be removed.
- 7.1.2.6. A rear wing is only allowed if it was a factory delivered item on the year and model of your particular vehicle.
- 7.1.2.7. A front spoiler/splitter is not allowed.
- 7.1.2.8. Under trays must not exceed overall dimensions of the standard part. Ducts and holes within the tray may be relocated. Material is free.
- 7.1.2.9. Rear diffusers must not exceed overall dimensions of the standard part in length and ground clearance rules. Material is free.
- 7.1.2.10. Wheel arch liners may be removed and the inner lip of the wheel arch reduced to allow tire clearance.
- 7.1.2.11. Heater matrix, A/C, blower fan and ducting to distribution flap may be removed.
- 7.1.2.12. Interior must remain as intact as possible besides the removal of items needed to install a roll bar/cage and safety items including dashboard and center console.
- 7.1.2.13. Steering wheel and steering wheel bosses may be replaced with a racing alternative.

- 7.1.2.14. All glass may be replaced with a polycarbonate version.
- 7.1.2.15. Heated front screens are permitted and/or aftermarket electric fans may be installed to replace the standard heater.
- 7.1.2.16. Supplementary gauges may be added, such as oil temperature and pressure.
- 7.1.2.17. There should be substantial towing eyes securely fixed to the main structure of the vehicle, front and rear, within the confines of the body, to enable the vehicle to be recovered. Towing eyes should have a minimum internal diameter of 60mm. Towing eyes/towing points must be clearly marked by tow decals.
- 7.1.2.18. Hood and trunk lid fastenings and hinges may be modified or replaced.
- 7.1.2.19. The main bulkhead may be modified to allow easier access to the engine (e.g. fitting an access panel). Removing the trunk-divider is allowed to aid in cooling.
- 7.1.2.20. Please check with the series technical team that the exact part you intend to fit is permitted if you are in any doubt over any of the above.
- 7.1.3. Engine
 - 7.1.3.1. Must not exceed a maximum power output of 175hp at the wheels. No engine modifications permitted unless stated below.
 - 7.1.3.2. The power limit must be strictly adhered too – LCUSA advise all drivers that their cars MUST be under this maximum as there will be no excuses should they be found to exceed them.
 - 7.1.3.3. Engine must retain the standard intake plenum (either plastic or alloy versions). Airbox must remain OEM, CUP or LS. Filter is open. Stock MAF is required.
 - 7.1.3.4. Engine must retain the standard single throttle body in un-modified form – OEM, CUP or LS. Multiple throttle bodies are not permitted.

- 7.1.3.5. Engines must retain factory header. Removing the EGR tube on the stock header is allowed.
- 7.1.3.6. Exhaust systems after the exhaust manifold are open.
- 7.1.3.7. Compression ratio must remain standard with OEM parts.
- 7.1.3.8. Porting or polishing is not allowed in the cylinder head.
- 7.1.3.9. Internal engine coatings are not allowed.
- 7.1.3.10. Intake manifold may be port matched to the cylinder head.
- 7.1.3.11. Swept volume must remain standard (i.e. below 1800cc).
- 7.1.3.12. A baffled oil pan or dry sump oil system is permitted.
- 7.1.3.13. Addition of a water/oil or air/oil cooler is permitted.
- 7.1.3.14. Engine water cooling system is free (e.g. use of a remote thermostat, removal of cabin heater pipe work, up rated radiator, up rated cooling fans, up rated water pump).
- 7.1.3.15. Aftermarket engine, gearbox and clutch slave cylinder mounts are permitted.
- 7.1.3.16. Additional heat shielding may be added within the engine bay.
- 7.1.3.17. Alternator make is free but must be installed in standard position and working.
- 7.1.3.18. Clutch must remain standard pattern (AP or other upgraded clutch are permitted if same type as OEM).
- 7.1.3.19. Throttle cable to pedal linkage, gear selector cables and clutch cable may be replaced by aftermarket versions. Short shift gear stick is also permitted.

7.1.3.20. An aftermarket radiator is permitted. Must fit within the factory radiator shroud. Coolant must be replaced with water and cooling additives.

7.1.4. Suspension

7.1.4.1. It is strongly recommended that all cars have upgraded rear toe link kits (A111D0127S or equivalent). Must maintain factory design.

7.1.4.2. Vehicles may be fitted with polyurethane, nylatron, or spherical bushings.

7.1.4.3. Uprights and steering arms may be modified to achieve more camber.

7.1.4.4. Dampers may be changed for single-adjustable or double-adjustable versions and may have either bushed or spherical joints. All parts must be fitted directly to the original mounting points. Modifying or changing the front upper shock mount is allowed. Triple-adjustable dampers are not permitted.

7.1.4.5. Spring rates are free including use of helper springs.

7.1.4.6. Front and Rear sway/roll bar must remain factory – OEM, CUP or Lotus Sport.

7.1.4.7. Must retain original steering rack. Quicker ratio pinion is allowed

7.1.5. Ride Height & Ground Clearance

7.1.5.1. Ride height - no part of the car between all 4-wheel centers (excluding mud flaps) may be below 90mm.

7.1.6. Transmission

7.1.6.1. No transmission modifications permitted including but not limited to the gearbox (including gear ratios), however temperature sensors and –AN fittings are allowed.

7.1.7. Electronics

- 7.1.7.1. All competitors must run Spec ECU tune – Lotus Sport or OEM. ECUs may be exchanged with other competitors each race weekend.
- 7.1.7.2. Battery size & type is free but must be capable of starting the car multiple times without external assistance. Battery may be relocated to the front of the car.
- 7.1.7.3. Vehicle immobilizer and alarm system may be removed.
- 7.1.7.4. In-car video camera system is mandatory for Race Group. Video footage must be provided to Series Officials if requested.
- 7.1.7.5. Data acquisition and timing systems may be used and are highly recommended.
- 7.1.7.6. Radio systems may be used.
- 7.1.7.7. Cool suit systems may be used. Must be safely mounted inside of the vehicle. Please consult with a LCUSA series official.
- 7.1.8. Brakes
 - 7.1.8.1. Discs are free (steel or iron only – bells are free).
 - 7.1.8.2. Pads are free.
 - 7.1.8.3. Calipers must remain OEM (AP two pot fronts and Brembo sliding caliper rear).
 - 7.1.8.4. Master cylinder must remain standard (single dual circuit item).
 - 7.1.8.5. Brake flexible hoses are free (stainless steel braided recommended).
 - 7.1.8.6. Fluid must be DOT 4 or higher.
 - 7.1.8.7. Brake disk shields may be removed.
 - 7.1.8.8. Ducting to the front brakes may be added but must not involve modification of bodywork.



7.1.9. Wheels

7.1.9.1. Max rim size front 16x7 and rear 17x8.

7.1.9.2. All Wheels must be of metal construction with the exception of Magnesium, which is not permitted. Multi-piece wheels are not permitted.

7.1.9.3. Wheel spacers or other method of changing the track of the vehicle are not permitted.

7.1.10. Tires

7.1.10.1. Production Class Spec Tire = Yokohama Advan A005 (S04 Compound)

7.1.10.2. No modifications to the tires in any way. Any tires suspected of being treated/modified will be excluded from the event).

7.1.11. Weights

7.1.11.1. Elise = Minimum weight of the vehicle including the driver is 1950 lbs.
Exige = Minimum weight of the vehicle including the driver is 2000 lbs.

7.1.11.2. This weight is the minimum the car and driver combined must be in race trim after either a race or qualifying session.

7.1.11.3. It is forbidden to use ballast to make up the weight without approval from the Technical Stewards (i.e. as in no lightening of the car then ballasting it back up).

7.1.11.4. Ballast may only be applied under direction from LCUSA and where required shall be securely fixed in accordance with safety regulations.

7.1.11.5. Cars may have additional weight added to their minimum weights depending on vehicle specification.

7.1.12. Fuel Tank/Fuel

7.1.12.1. Only pump fuel as defined by the LCUSA is permitted.

- 7.1.12.2. The standard fuel tank (in both dimensions and material) should be used unless replaced with a safety fuel cell. Please advise LCUSA.
- 7.1.12.3. Fuel lines are free.
- 7.1.12.4. All cars must have a minimum of 1 gallon of fuel remaining in the tank at race finish.
- 7.1.12.5. Charcoal canister may be removed but a one-way or rollover valve, venting to a safe area, must be fitted.

7.2. **Series 3 Elise with Toyota Supercharged Engines (Elise Cup R)**

7.2.1. Chassis

- 7.2.1.1. The construction type, design and material must remain as standard. This includes the sub frame.

7.2.2. Bodywork

- 7.2.2.1. All cars must retain the standard road car's profile including the Lotus Racing Body Kit, and be maintained to a high standard of finish. While it's understandable that damage may occur during a weekend, it's important that this is rectified before the next event. This is important to maintain the image and profile of the series.
- 7.2.2.2. Lotus Cup USA reserves the right to overrule any part that is felt to be outside the spirit of the series. If in any doubt about what is/is not acceptable, the responsibility is on the entrant to ask first.
- 7.2.2.3. All body panels must remain as standard production in size, shape, profile and material (i.e. Pre-preg GRP, Kevlar and Carbon fiber are not permitted). Aftermarket replacement panels may be used (e.g. Sector 111 Racing Clams) with approval from Series Director. Oil cooler ducts on the bumper may be fitted but must maintain factory bodyline.
- 7.2.2.4. Side scoops may be fitted, but must not protrude further than the side profile of the car. Material is free.



- 7.2.2.5. Elise S3 (Elise Cup R) must remain as standard including, but not limited to, all body panels. The Lotus Racing body kit is permitted.
- 7.2.2.6. Interior must remain standard with the exception of required items to meet FIA regulations. The passenger seat may be removed.
- 7.2.2.7. Wheel arch liners may be removed and the inner lip of the wheel arch reduced to allow tire clearance.
- 7.2.2.8. Interior must remain as intact as possible besides the removal of items needed to install a roll bar/cage and safety items including dashboard and center console.
- 7.2.2.9. Supplementary gauges may be added, such as oil temperature and pressure.
- 7.2.2.10. There should be substantial towing eyes securely fixed to the main structure of the vehicle, front and rear, within the confines of the body, to enable the vehicle to be recovered. Towing eyes should have a minimum internal diameter of 60mm. Towing eyes/towing points must be clearly marked by tow decals.
- 7.2.2.11. Hood and trunk lid fastenings and hinges may be modified or replaced.
- 7.2.2.12. Please check with the series technical team that the exact part you intend to fit is permitted if you are in any doubt over any of the above.
- 7.2.3. Engine
 - 7.2.3.1. Must not exceed a maximum power output of 185hp at the wheels.
 - 7.2.3.2. The power limit must be strictly adhered too – LCUSA advise all drivers that their cars MUST be under this maximum as there will be no excuses should they be found to exceed them.
 - 7.2.3.3. No engine modifications permitted from that supplied by the factory including but not limited to airbox and exhaust with the exception of the exhaust silencer which may be changed. The vehicle should remain as standard.



- 7.2.3.4. Additional heat shielding may be added within the engine bay.
- 7.2.4. Suspension
 - 7.2.4.1. It is strongly recommended that all cars have upgraded rear toe link kits (A1111D0127S or equivalent). Must maintain factory design.
 - 7.2.4.2. Vehicles may be fitted with polyurethane, nylatron, or spherical bushings.
 - 7.2.4.3. Uprights and steering arms may be modified to achieve more camber.
 - 7.2.4.4. Dampers may be changed for single-adjustable or double-adjustable versions and may have either bushed or spherical joints. All parts must be fitted directly to the original mounting points. Modifying or changing the front upper shock mount is allowed. Triple-adjustable dampers are not permitted.
 - 7.2.4.5. Spring rates are free including use of helper springs.
 - 7.2.4.6. Front and Rear sway/roll bar must remain factory – OEM, CUP or Lotus Sport.
 - 7.2.4.7. Must retain original steering rack. Quicker ratio pinion is allowed
- 7.2.5. Ride Height & Ground Clearance
 - 7.2.5.1. Ride height - no part of the car between all 4-wheel centers (excluding mud flaps) may be below 90mm.
- 7.2.6. Transmission
 - 7.2.6.1. No transmission modifications permitted including but not limited to the gearbox (including gear ratios).
- 7.2.7. Brakes
 - 7.2.7.1. Discs are free (steel or iron only – bells are free).
 - 7.2.7.2. Pads are free.



- 7.2.7.3. Calipers must remain OEM (AP two pot fronts and Brembo sliding caliper rear).
- 7.2.7.4. Master cylinder must remain standard (single dual circuit item).
- 7.2.7.5. Brake flexible hoses are free (stainless steel braided recommended).
- 7.2.7.6. Fluid must be DOT 4 or higher.
- 7.2.7.7. Brake disk shields may be removed.
- 7.2.7.8. Ducting to the front brakes may be added but must not involve modification of bodywork.
- 7.2.8. Wheels
 - 7.2.8.1. Max rim size front 16x7 and rear 17x8.
 - 7.2.8.2. All Wheels must be of metal construction with the exception of Magnesium, which is not permitted. Multi-piece wheels are not permitted.
 - 7.2.8.3. Wheel spacers or other method of changing the track of the vehicle are not permitted.
- 7.2.9. Tires
 - 7.2.9.1. Production Class Spec Tire = Yokohama Advan A005 (S04 Compound)
 - 7.2.9.2. No modifications to the tires in any way. Any tires suspected of being treated/modified will be excluded from the event).
- 7.2.10. Weights
 - 7.2.10.1. Elise Cup R = Minimum weight of the vehicle including the driver is 2200 lbs.
- 7.2.11. Fuel Tank/Fuel
 - 7.2.11.1. Only pump fuel as defined by the LCUSA is permitted.



- 7.2.11.2. The standard fuel tank (in both dimensions and material) should be used unless replaced with a safety fuel cell. Please advise LCUSA.
- 7.2.11.3. Fuel lines are free.
- 7.2.11.4. All cars must have a minimum of 1 gallon of fuel remaining in the tank at race finish.
- 7.2.11.5. Charcoal canister may be removed but a one-way or rollover valve, venting to a safe area, must be fitted.

8. Class: Cup

8.1. Series 2 Elise and Exige with naturally aspirated Toyota Engines.

8.1.1. Chassis

- 8.1.1.1. The construction type, design and material must remain as standard. This includes the sub frame.
- 8.1.1.2. No additional bracing/supports can be added, including any stiffening of the rear sub frame. No method of adding stiffness to the chassis and/or sub frame is permitted. Only the use of Lotus manufactured and supplied rear track control arm and structural under tray kit (both types) is permitted.

8.1.2. Bodywork

- 8.1.2.1. All cars must retain the standard road car's profile, and be maintained to a high standard of finish. While it's understandable that damage may occur during a weekend, it's important that this is rectified before the next meeting. This is important to maintain the image and profile of the series.
- 8.1.2.2. LCUSA reserves the right to overrule any part that is felt to be outside the spirit of the series. If in any doubt about what is/is not acceptable, the onus is on the entrant to ask first.
- 8.1.2.3. Vehicles must be fitted with standard Lotus supplied bodywork or OEM bodywork of the same internal and external dimensions and material of the

Lotus supplied part.

- 8.1.2.4. Permitted body modifications are:
- 8.1.2.5. Front splitters may be fitted within the width of the bodywork, (excluding wing and mirrors) and may project a maximum of 3 inches beyond the bodywork measured by a plumb line from the front of clam. Material is free.
- 8.1.2.6. Under trays must not exceed overall dimensions of the standard part. Ducts and holes within the tray may be relocated and material is free. Rear diffuser section may be extended rearwards.
- 8.1.2.7. Extended rear diffuser protruding no more than 50mm from the rear bodywork and complying with the ground clearance rules. Material is free.
- 8.1.2.8. The OEM or Lotus Motorsport (2-Eleven) rear wing are the only permitted rear wings for the Cup class. End plates must remain stock. Wing height must not be taller than 190.5mm from the rear clam.
- 8.1.2.9. Side scoops may be fitted, but must not protrude further than the side profile of the car. Material is free.
- 8.1.2.10. Side scoop inner vents may be removed but the external holes in the clam must be standard size and profile.
- 8.1.2.11. Roof scoops may be fitted as per Lotus Cup 260 specification. Material is free.
- 8.1.2.12. Wheel arch liners may be removed and the inner lip of the wheel arch reduced to allow tire clearance.
- 8.1.2.13. The trunk/engine bay divider may be removed or modified.
- 8.1.2.14. The front 'ducts' on an Exige/Motorsport clam can be opened up for cooling ducts but only to the extent of the standard molding (i.e. they cannot be made larger).

- 8.1.2.15. Interior may be removed and replaced as required within LCUSA requirements. Material is free.
- 8.1.2.16. A removable steering wheel may be fitted. Material is free.
- 8.1.2.17. The passenger seat, mounts and seatbelts may be removed.
- 8.1.2.18. Rear tailgate can be replaced with lightweight version but must retain grill openings. This part can be removable so gas strut and hinges can be removed. Material is free.
- 8.1.2.19. Headlamps, front direction indicators and side repeaters including associated mountings are optional. However, if all front lights are removed two driving lamps must be fitted and be in effective working condition if driving at night.
- 8.1.2.20. There should be substantial towing eyes securely fixed to the main structure of the vehicle, front and rear, within the confines of the body to enable the vehicle to be recovered. Towing eyes should have a minimum internal diameter of 60mm. Towing eyes/towing points must be clearly marked by tow decal.
- 8.1.2.21. Carbon fiber body panels are permitted with the approval from series officials.
- 8.1.3. Engine
 - 8.1.3.1. Engine must remain original i.e. Toyota 2ZZ-GE (189bhp flywheel) or 2ZZ-GZE (equipped with an Eaton MP62 supercharger and intercooler). Alternative super charger and intercooler systems will be considered on an individual basis.
 - 8.1.3.2. Power must not exceed a maximum power output of 230hp at the wheels as measured by a dyno.
 - 8.1.3.3. The power limit must be strictly adhered too – LCUSA advise all drivers that their cars MUST be under this maximum as there will be no excuses should they be found to exceed them.

- 8.1.3.4. Exhaust system and header are open.
- 8.1.3.5. Air filter and intake system is free.
- 8.1.3.6. Compression ratio must remain standard.
- 8.1.3.7. No engine modifications permitted unless stated below.
- 8.1.3.8. The compressor pulley must be the standard OEM Lotus part and must not be modified in any way.
- 8.1.3.9. The crank shaft pulley must be the standard OEM Lotus part reference A120E6198S and must not be modified in any way.
- 8.1.3.10. The fuel injectors must remain standard OEM Lotus part (Green Denso injectors that were supplied on the Exige S, Cup, and 2-Eleven) and must not be modified in any way, with a max of one injector per port. Pre-Injection is not allowed.
- 8.1.3.11. Porting or polishing is not allowed in the cylinder head.
- 8.1.3.12. Internal engine coatings are not allowed.
- 8.1.3.13. Intake manifold may be port matched to the cylinder head.
- 8.1.3.14. Swept volume must remain standard (i.e. below 1800cc.
- 8.1.3.15. A baffled oil pan or dry sump oil system is permitted.
- 8.1.3.16. Addition of a water/oil or air/oil cooler is permitted.
- 8.1.3.17. Engine water cooling system is free (e.g. use of a remote thermostat, removal of cabin heater pipe work, up rated radiator, up rated cooling fans, up rated water pump.
- 8.1.3.18. Aftermarket engine, gearbox and clutch slave cylinder mounts are permitted.
- 8.1.3.19. Additional heat shielding may be added within the engine bay.

- 8.1.3.20. Alternator make is free but must be installed in standard position and working.
- 8.1.3.21. Clutch must remain standard pattern (AP or other upgraded clutch are permitted if same type as OEM).
- 8.1.3.22. Throttle cable to pedal linkage, gear selector cables and clutch cable may be replaced by aftermarket versions. Short shift gear stick is also permitted.
- 8.1.3.23. An aftermarket radiator is permitted. Must fit within the factory radiator shroud. Coolant must be replaced with water and cooling additives.
- 8.1.3.24. Vehicles may be fitted with the Lotus supplied Twin Air/Oil Coolers. Laminova oil coolers for gearbox and engine are permitted.
- 8.1.3.25. Lotus Dry Sump System (ALS3E0338F) or aftermarket equivalent may be fitted.
- 8.1.4. Suspension
 - 8.1.4.1. Damper's make is free but may only be a maximum of two-way adjustable. Dampers must maintain the overall factory length without any modification.
 - 8.1.4.2. Front damper brackets to the chassis may be replaced by the Lotus motorsport adjustable mount to raise or lower the upper damper mounting point.
 - 8.1.4.3. Springs are free including the use of helper springs.
 - 8.1.4.4. Vehicles may be fitted with polyurethane, nylatron, or spherical bushings.
 - 8.1.4.5. Up rated inner or outer rear toe links may be fitted however mounting points must be the same as standard. Front upper wishbones and steering arms can be as factory supplied to Lotus Exige or Lotus 211.
- 8.1.5. Ride Height & Ground Clearance



- 8.1.5.1. No part of the car between all 4-wheel centers (excluding mud flaps) may be below 80mm.
- 8.1.6. Transmission
 - 8.1.6.1. Aftermarket clutch and flywheel is permitted.
 - 8.1.6.2. LSDs are permitted.
 - 8.1.6.3. Aftermarket reinforced 3rd & 4th gears are permitted. Final Drive must remain the stock ratio.
 - 8.1.6.4. Modifications to the shifter, cables and linkages are allowed.
 - 8.1.6.5. Aftermarket mounts are permitted.
- 8.1.7. Electronics
 - 8.1.7.1. Any modification is prohibited with the exception of modifications required for fitment of a battery isolation switch and lotus supplied Anderson Plug External Connector and Cables. Modifications can also be made to aid moving the battery.
 - 8.1.7.2. Reprogrammed factory Engine Control Units (ECU) are permitted.
 - 8.1.7.3. Battery size & type is free but must be capable of starting the car multiple times without external assistance. Battery may be relocated to the front of the car.
 - 8.1.7.4. In-car video camera system is mandatory for Time Attack or Race. Video footage must be provided to series officials if requested.
 - 8.1.7.5. Data acquisition and timing systems may be used and highly recommended.
 - 8.1.7.6. Radio systems may be used.
 - 8.1.7.7. Cool suit systems may be used. Must be safely mounted inside of the vehicle. Please consult with a LCUSA series official.

8.1.8. Brakes

- 8.1.8.1. Discs are free (steel or iron only – bells are free).
- 8.1.8.2. Pads are free.
- 8.1.8.3. Calipers must remain OEM (AP two pot fronts and Brembo sliding caliper rear).
- 8.1.8.4. Brake flexible hoses are free (stainless steel braided recommended).
- 8.1.8.5. Fluid must be DOT 4 or higher.
- 8.1.8.6. The use of Lotus Twin Master Cylinder Braking System is permitted and recommended for those wishing to disable the ABS system.
- 8.1.8.7. Brake disk shields may be removed.
- 8.1.8.8. Ducting to the front brakes may be added but must not involve modification of bodywork.

8.1.9. Wheels

- 8.1.9.1. Max rim size front 16x7 and rear 17x8.
- 8.1.9.2. All Wheels must be of metal construction with the exception of Magnesium, which is not permitted. Multi-piece wheels are not permitted.
- 8.1.9.3. Wheel spacers or other method of changing the track of the vehicle are not permitted.

8.1.10. Tires

- 8.1.10.1. Cup Class Spec Tire = Yokohama Advan A005 (S01 or S04 Compound)
- 8.1.10.2. No modifications to the tires in any way. Any tires suspected of being treated/modified will be excluded from the event).

8.1.11. Weights



- 8.1.11.1. The minimum weight of the vehicle including the driver is 2050 lbs.
- 8.1.12. Fuel Tank/Fuel
 - 8.1.12.1. Only pump fuel as defined by the LCUSA is permitted.
 - 8.1.12.2. The standard fuel tank (in both dimensions and material) should be used unless replaced with a safety fuel cell. Please advise LCUSA.
 - 8.1.12.3. Fuel lines are free.
 - 8.1.12.4. All cars must have a minimum of 1 gallon of fuel remaining in the tank at race finish.
 - 8.1.12.5. Charcoal canister may be removed but a one-way or rollover valve, venting to a safe area, must be fitted.

9. Class: **SuperSport**

9.1. **2-Eleven with Supercharged Toyota Engines.**

- 9.1.1. Chassis
 - 9.1.1.1. The construction type, design and material must remain as standard. This includes the sub frame.
 - 9.1.1.2. No additional bracing/supports can be added, including any stiffening of the rear sub frame. No method of adding stiffness to the chassis and/or sub frame is permitted. Only the use of Lotus manufactured and supplied rear track control arm and structural under tray kit (both types) is permitted.
 - 9.1.1.3. It is recommended that cars are fitted with full GT4 specification roll cage or equivalent.
- 9.1.2. Bodywork
 - 9.1.2.1. All cars must retain the standard road car's profile, and be maintained to a high standard of finish. While it's understandable that damage may occur during a weekend, it's important that this is rectified before the next



meeting. This is important to maintain the image and profile of the series.

- 9.1.2.2. LCUSA reserves the right to overrule any part that is felt to be outside the spirit of the series. If in any doubt about what is/is not acceptable, the responsibility is on the entrant to ask first.
- 9.1.2.3. Vehicles must be fitted with standard Lotus supplied bodywork or OEM bodywork of the same internal and external dimensions and material of the lotus supplied part. Aftermarket replacement bodywork must be approved by a LCUSA series official.
- 9.1.2.4. Interior is free.
- 9.1.2.5. Battery size & type is free and can be moved as long as it is securely mounted and covered.
- 9.1.2.6. A removable steering wheel may be fitted to replace standard component. A spacer may be used.
- 9.1.2.7. The passenger seat, mounts and seatbelts may be removed.
- 9.1.2.8. The windscreen may be removed and replaced with the Lotus rigid tonneau and screen.
- 9.1.2.9. There should be substantial towing eyes securely fixed to the main structure of the vehicle, front and rear, within the confines of the body to enable the vehicle to be moved. Towing eyes should have a minimum internal diameter of 60mm. Towing eyes/towing points must be clearly marked by tow decals.
- 9.1.2.10. All body grills may be removed. If removing side intake grills the bodywork may be fettled to no less than the material thickness of the panel.
- 9.1.2.11. Plastic arch liners may be added for protection to inner wheel arch.
- 9.1.2.12. Lotus Aero Pack comprised of adjustable carbon fiber single element rear wing and wing end plates, for which material is free, but must remain to the original dimensions. An aftermarket front splitter is permitted as long as it's the same length as factory.

- 9.1.2.13. All vehicles must be fitted with rear view side mirrors.
- 9.1.2.14. All vehicles must be fitted with Lotus 2-Eleven brake lights.
- 9.1.2.15. Headlamps, front direction indicators and side repeaters including associated mountings are optional. However, if all front lights are removed two driving lamps must be fitted and be in effective working condition if competing at night.
- 9.1.3. Engine
 - 9.1.3.1. No engine modification is permitted.
 - 9.1.3.2. Exhaust system and exhaust manifold is free.
 - 9.1.3.3. Vehicle power is limited to 245hp at the wheels.
 - 9.1.3.4. The power limit must be strictly adhered too – LCUSA advise all drivers that their cars MUST be under this maximum as there will be no excuses should they be found to exceed them.
 - 9.1.3.5. The compressor pulley must be the standard OEM Lotus part (reference # A128E6011S), measure 3.2” in diameter, and must not be modified in any way.
 - 9.1.3.6. The crank shaft pulley must be the standard OEM Lotus part (reference A120E6198S) and must not be modified in any way.
 - 9.1.3.7. The fuel injectors must remain standard OEM Lotus part (Green Denso injectors that were supplied on the Exige S, Cup, and 2-Eleven) and must not be modified in any way, with a max of one injector per port. Pre-Injection is not allowed.
 - 9.1.3.8. Vehicles may be fitted with an additional oil temperature and pressure gauge.
 - 9.1.3.9. Air filter and housing is free.

9.1.3.10. Vehicles may be fitted with the Lotus supplied Twin Air/Oil Coolers. Laminova oil coolers for gearbox and engine are permitted.

9.1.3.11. Mesh may be added to front and rear of Air/Oil cooler.

9.1.3.12. Lotus Dry Sump System (ALS3E0338F) or an aftermarket equivalent is permitted.

9.1.3.13. Aftermarket engine mounts are permitted.

9.1.4. Suspension

9.1.4.1. Damper make is free but may only be a maximum of two-way adjustable. Dampers must maintain the overall factory length without any modification. Three-way adjustable dampers may be used with a 50-lb weight penalty.

9.1.4.2. Front damper brackets to the chassis may be replaced by the Lotus motorsport adjustable mount to raise or lower the upper damper mounting point.

9.1.4.3. Springs are free including the use of helper springs.

9.1.4.4. Vehicles may be fitted with polyurethane, nylatron, or spherical bushings.

9.1.4.5. Aftermarket inner and outer rear toe links may be fitted however mounting points must be the same as standard.

9.1.5. Ride Height & Ground Clearance

9.1.5.1. No part of the car between all 4-wheel centers (excluding mud flaps) may be below 80mm.

9.1.6. Transmission

9.1.6.1. The transmission must remain standard. Sequential gearboxes are not permitted.

9.1.6.2. Any modification is prohibited, with the exception of fitment of an aftermarket clutch, lightweight flywheel, and aftermarket reinforced 3rd &



4th gears. Final drive must remain the stock ratio.

9.1.6.3. LSDs are permitted.

9.1.7. Electronics

9.1.7.1. Any modification is prohibited with the exception of modifications required for fitment of a battery isolation switch and lotus supplied Anderson Plug External Connector and Cables. Modifications can also be made to aid moving the battery.

9.1.7.2. Reprogrammed factory Engine Control Units (ECU) are permitted.

9.1.7.3. If an aftermarket ECU is fitted drivers must make available to Series Eligibility Scrutineer or Tech Stewards the hardware and software required to interrogate the vehicle's ECU. If this is not made available the ECU may be sealed or the driver may not be permitted to race.

9.1.7.4. Battery size & type is free but must be capable of starting the car multiple times without external assistance. Battery may be relocated to the front of the car.

9.1.7.5. In-car video camera system is mandatory for Race Group. Video footage must be provided to series officials if requested.

9.1.7.6. Data acquisition and timing systems may be used and are highly recommended.

9.1.7.7. Radio systems may be used.

9.1.7.8. Cool suit systems may be used. Must be safely mounted inside of the vehicle. Please consult with a LCUSA series official.

9.1.8. Brakes

9.1.8.1. Discs are free (steel or iron only – bells are free).

9.1.8.2. Pads are free.



- 9.1.8.3. Calipers must remain OEM (AP two pot fronts and Brembo sliding caliper rear).
- 9.1.8.4. Brake flexible hoses are free (stainless steel braided recommended).
- 9.1.8.5. Fluid must be DOT 4 or higher.
- 9.1.8.6. The use of Lotus Twin Master Cylinder Braking System is permitted and recommended for those wishing to disable the ABS system. The rear calipers that come with this system are permitted.
- 9.1.8.7. Brake disk shields may be removed.
- 9.1.8.8. Ducting to the front brakes may be added but must not involve modification of bodywork.
- 9.1.9. Wheels
 - 9.1.9.1. Max rim size front 16x7 and rear 17x8.
 - 9.1.9.2. All Wheels must be of metal construction with the exception of Magnesium, which is not permitted. Multi-piece wheels are not permitted.
 - 9.1.9.3. Wheel spacers or other method of changing the track of the vehicle are not permitted.
- 9.1.10. Tires
 - 9.1.10.1. Spec Tire = Yokohama Advan A005 (S01 or S04 Compound)
 - 9.1.10.2. No modifications to the tires in any way. Any tires suspected of being treated/modified will be excluded from the event).
- 9.1.11. Weights
 - 9.1.11.1. The minimum weight of the vehicle including the driver is 1850 lbs.
- 9.1.12. Fuel Tank/Fuel



- 9.1.12.1. Only pump fuel as defined by the LCUSA is permitted.
- 9.1.12.2. The standard fuel tank (in both dimensions and material) should be used unless replaced with a safety fuel cell. Please advise LCUSA.
- 9.1.12.3. Fuel lines are free.
- 9.1.12.4. All cars must have a minimum of 1 gallon of fuel remaining in the tank at race finish.
- 9.1.12.5. Charcoal canister may be removed but a one-way or rollover valve, venting to a safe area, must be fitted.

9.2. **Exige with Supercharged Toyota Engines.**

9.2.1. Chassis

- 9.2.1.1. The construction type, design and material must remain as standard. This includes the sub frame.
- 9.2.1.2. No additional bracing/supports can be added, including any stiffening of the rear sub frame. No method of adding stiffness to the chassis and/or sub frame is permitted. Only the use of Lotus manufactured and supplied rear track control arm and structural under tray kit (both types) is permitted.

9.2.2. Bodywork

- 9.2.2.1. All cars must retain the standard road car's profile, and be maintained to a high standard of finish. While it's understandable that damage may occur during a weekend, it's important that this is rectified before the next meeting. This is important to maintain the image and profile of the series.
- 9.2.2.2. LCUSA reserves the right to overrule any part that is felt to be outside the spirit of the series. If in any doubt about what is/is not acceptable, the onus is on the entrant to ask first.
- 9.2.2.3. Vehicles must be fitted with standard Lotus supplied bodywork or OEM bodywork of the same internal and external dimensions and material of the

lotus supplied part.

- 9.2.2.4. Permitted body modifications are:
- 9.2.2.5. Front splitters may be fitted within the width of the bodywork, (excluding wing and mirrors) and may project a maximum of 4 inches beyond the bodywork measured by a plumb line from the front of clam. Material is free.
- 9.2.2.6. Under trays must not exceed overall dimensions of the standard part. Ducts and holes within the tray may be relocated and material is free. Rear diffuser section may be extended rearwards.
- 9.2.2.7. Extended rear diffuser protruding no more than 50mm from the rear bodywork and complying with the ground clearance rules in 1.8.5 are permitted. Material is free.
- 9.2.2.8. A single element rear wing may be fitted to the maximum width of 1450mm (Lotus Motorsport). All parts of the wing must be below the roofline of the car. End plates are allowed (one each end) but must be no larger than 320x200mm with rounded corners. Material is free. It is recommended that the wing be mounted to the subframe of the vehicle.
- 9.2.2.9. Side scoops may be fitted, but must not protrude further than the side profile of the car. Material is free.
- 9.2.2.10. Side scoop inner vents may be removed but the external holes in the clam must be standard size and profile.
- 9.2.2.11. Roof scoops may be fitted as per Lotus Cup 260 specification. Material is free.
- 9.2.2.12. Wheel arch liners may be removed and the inner lip of the wheel arch reduced to allow tire clearance.
- 9.2.2.13. The trunk/engine bay divider may be removed or modified.
- 9.2.2.14. The front 'ducts' on an Exige/Motorsport clam can be opened up for cooling ducts but only to the extent of the standard molding (i.e. they

cannot be made larger).

- 9.2.2.15. Interior may be removed and replaced as required within LCUSA requirements. Material is free.
- 9.2.2.16. A removable steering wheel may be fitted. Material is free.
- 9.2.2.17. The passenger seat, mounts and seatbelts may be removed.
- 9.2.2.18. Rear tailgate can be replaced with lightweight version. This part can be removable so gas strut and hinges can be removed. Material is free.
- 9.2.2.19. Headlamps, front direction indicators and side repeaters including associated mountings are optional. However, if all front lights are removed two driving lamps must be fitted and be in effective working condition if driving at night.
- 9.2.2.20. There should be substantial towing eyes securely fixed to the main structure of the vehicle, front and rear, within the confines of the body to enable the vehicle to be recovered. Towing eyes should have a minimum internal diameter of 60mm. Towing eyes/towing points must be clearly marked by tow decal.
- 9.2.2.21. Carbon fiber body panels are permitted with the approval from series officials.
- 9.2.3. Engine
 - 9.2.3.1. Engine must remain original i.e. Toyota 2ZZ-GE (189bhp flywheel) or 2ZZ-GZE (equipped with an Eaton MP62 supercharger and intercooler). Alternative super charger and intercooler systems will be considered on an individual basis.
 - 9.2.3.2. Aftermarket engine internals are permitted as long as stock 1.8 liters and compression ratio is adhered to. Balance and blueprinting is allowed.
 - 9.2.3.3. Power must not exceed a maximum power output of 255hp at the wheels as measured by a dyno.



- 9.2.3.4. The power limit must be strictly adhered too – LCUSA advise all drivers that their cars MUST be under this maximum as there will be no excuses should they be found to exceed them.
- 9.2.3.5. Exhaust system and header are open.
- 9.2.3.6. Air filter and intake system is free.
- 9.2.3.7. The compressor pulley must be the standard OEM Lotus part (reference # A128E6011S), measure 3.2” in diameter, and must not be modified in any way.
- 9.2.3.8. The crank shaft pulley must be the standard OEM Lotus part reference A120E6198S and must not be modified in any way.
- 9.2.3.9. The fuel injectors must remain standard OEM Lotus part (Green Denso injectors that were supplied on the Exige S, Cup, and 2-Eleven) and must not be modified in any way, with a max of one injector per port. Pre-Injection is not allowed.
- 9.2.3.10. Vehicles may be fitted with the Lotus supplied Twin Air/Oil Coolers. Laminova oil coolers for gearbox and engine are permitted.
- 9.2.3.11. Lotus Dry Sump System (ALS3E0338F) or aftermarket equivalent may be fitted.
- 9.2.4. Suspension
 - 9.2.4.1. Damper’s make is free but may only be a maximum of two-way adjustable. Dampers must maintain the overall factory length without any modification. Three-way adjustable dampers may be used with a 50-lb weight penalty.
 - 9.2.4.2. Front damper brackets to the chassis may be replaced by the Lotus motorsport adjustable mount to raise or lower the upper damper mounting point.
 - 9.2.4.3. Springs are free including the use of helper springs.



9.2.4.4. Vehicles may be fitted with polyurethane, nylatron, or spherical bushings.

9.2.4.5. Up rated inner or outer rear toe links may be fitted however mounting points must be the same as standard. Front upper wishbones and steering arms can be as factory supplied to Lotus Exige or Lotus 2-Eleven.

9.2.5. Ride Height & Ground Clearance

9.2.5.1. No part of the car between all 4-wheel centers (excluding mud flaps) may be below 80mm.

9.2.6. Transmission

9.2.6.1. Aftermarket clutch and flywheel is permitted.

9.2.6.2. LSDs are permitted.

9.2.6.3. Any modification is prohibited, with the exception of fitment of an aftermarket clutch, lightweight flywheel, and aftermarket reinforced 3rd & 4th gears. Final drive must remain the stock ratio.

9.2.6.4. Modifications to the shifter, cables and linkages are allowed.

9.2.6.5. Aftermarket mounts are permitted.

9.2.7. Electronics

9.2.7.1. Any modification is prohibited with the exception of modifications required for fitment of a battery isolation switch and lotus supplied Anderson Plug External Connector and Cables. Modifications can also be made to aid moving the battery.

9.2.7.2. Reprogrammed factory Engine Control Units (ECU) are permitted.

9.2.7.3. If an aftermarket ECU is fitted drivers must make available to Series Eligibility Scrutineer or Club Stewards the hardware and software required to interrogate the vehicle's ECU. If this is not made available the ECU may be sealed or the driver may not be permitted to race.

- 9.2.7.4. Battery size & type is free but must be capable of starting the car multiple times without external assistance. Battery may be relocated to the front of the car.
- 9.2.7.5. In-car video camera system is mandatory for Time Attack or Race. Video footage must be provided to series officials if requested.
- 9.2.7.6. Data acquisition and timing systems may be used and are highly recommended.
- 9.2.7.7. Radio systems may be used.
- 9.2.7.8. Cool suit systems may be used. Must be safely mounted inside of the vehicle. Please consult with a LCUSA series official.
- 9.2.8. Brakes
 - 9.2.8.1. Discs are free (steel or iron only – bells are free).
 - 9.2.8.2. Pads are free.
 - 9.2.8.3. Fluid must be DOT 4 or higher.
 - 9.2.8.4. Calipers must remain factory.
 - 9.2.8.5. The use of Lotus Twin Master Cylinder Braking system ALS3J0174F is permitted and recommended for those wishing to disable the ABS system.
- 9.2.9. Wheels
 - 9.2.9.1. Max rim size front 16x7 and rear 17x8.
 - 9.2.9.2. All Wheels must be of metal construction with the exception of Magnesium, which is not permitted. Multi-piece wheels are not permitted.
 - 9.2.9.3. Wheel spacers or other method of changing the track of the vehicle are not permitted.
- 9.2.10. Tires

- 9.2.10.1. Spec Tire = Yokohama Advan A005 (S01 or S04 Compound)
- 9.2.10.2. No modifications to the tires in any way. Any tires suspected of being treated/modified will be excluded from the event).
- 9.2.11. Weights
 - 9.2.11.1. The minimum weight of the vehicle including the driver is 2050 lbs.
- 9.2.12. Fuel Tank/Fuel
 - 9.2.12.1. Only pump fuel as defined by the LCUSA is permitted.
 - 9.2.12.2. The standard fuel tank (in both dimensions and material) should be used unless replaced with a safety fuel cell. Please advise LCUSA.
 - 9.2.12.3. Fuel lines are free.
 - 9.2.12.4. All cars must have a minimum of 1 gallon of fuel remaining in the tank at race finish.
 - 9.2.12.5. Charcoal canister may be removed but a one-way or rollover valve, venting to a safe area, must be fitted.

9.3. **Elise Cup PB-R with Supercharged Toyota Engine**

- 9.3.1. Chassis
 - 9.3.1.1. The construction type, design and material must remain as standard. This includes the sub frame.
 - 9.3.1.2. No additional bracing/supports can be added, including any stiffening of the rear sub frame. No method of adding stiffness to the chassis and/or sub frame is permitted. Only the use of Lotus / PB Racing manufactured and supplied rear track control arm and structural under tray kit (both types) is permitted.
- 9.3.2. Bodywork

- 9.3.2.1. All cars must retain the standard road car's profile, and be maintained to a high standard of finish. While it's understandable that damage may occur during a weekend, it's important that this is rectified before the next meeting. This is important to maintain the image and profile of the series.
- 9.3.2.2. LCUSA reserves the right to overrule any part that is felt to be outside the spirit of the series. If in any doubt about what is/is not acceptable, the onus is on the entrant to ask first.
- 9.3.2.3. Vehicles must be fitted with PB Racing supplied bodywork
- 9.3.2.4. Front splitters must remain the spec PB Racing part
- 9.3.2.5. Under trays may not be modified
- 9.3.2.6. Extended rear diffuser must remain the spec PB Racing part
- 9.3.2.7. Single element rear wing must remain the spec PB Racing part
- 9.3.2.8. Side scoop must remain the factory part
- 9.3.2.9. Side scoop inner vents may be removed but the external holes in the clam must be standard size and profile.
- 9.3.2.10. Wheel arch liners may be removed and the inner lip of the wheel arch reduced to allow tire clearance.
- 9.3.2.11. The trunk/engine bay divider may be removed or modified.
- 9.3.2.12. Interior may be removed and replaced as required within LCUSA requirements. Material is free.
- 9.3.2.13. A removable steering wheel may be fitted. Material is free.
- 9.3.2.14. The passenger seat, mounts and seatbelts may be removed.
- 9.3.2.15. Headlamps, front direction indicators and side repeaters including associated mountings are optional. However, if all front lights are removed two driving lamps must be fitted and be in effective working condition if

driving at night.

9.3.2.16. There should be substantial towing eyes securely fixed to the main structure of the vehicle, front and rear, within the confines of the body to enable the vehicle to be recovered. Towing eyes should have a minimum internal diameter of 60mm. Towing eyes/towing points must be clearly marked by tow decal.

9.3.3. Engine

9.3.3.1. Engine must remain original Toyota 2ZR-FE with water-cooled Harrop supercharger.

9.3.3.2. Aftermarket engine internals are not permitted. The engine must remain as delivered from the factory.

9.3.3.3. Power must not exceed a maximum power output of 235hp at the wheels as measured by a dyno.

9.3.3.4. The power limit must be strictly adhered too – LCUSA advise all drivers that their cars MUST be under this maximum as there will be no excuses should they be found to exceed them.

9.3.3.5. Must remain PB Racing spec stainless steel exhaust manifold and silencer.

9.3.3.6. The compressor pulley must be the standard OEM Lotus part and must not be modified in any way.

9.3.3.7. The crank shaft pulley must be the standard OEM Lotus part and must not be modified in any way.

9.3.3.8. The fuel injectors must remain the PB Racing spec as delivered.

9.3.3.9. Vehicles may be fitted with the Lotus supplied Twin Air/Oil Coolers. Laminova oil coolers for gearbox and engine are permitted.

9.3.4. Suspension



- 9.3.4.1. Damper's must remain the Bilstein one-way PB Racing spec.
- 9.3.4.2. Two spring rates are available – dry or wet – as delivered by PB Racing.
- 9.3.4.3. Up rated inner or outer rear toe links may be fitted however mounting points must be the same as standard. Front upper wishbones and steering arms can be as factory supplied to Lotus Exige or Lotus 2-Eleven.
- 9.3.5. Ride Height & Ground Clearance
- 9.3.5.1. No part of the car between all 4-wheel centers (excluding mud flaps) may be below 80mm.
- 9.3.6. Transmission
- 9.3.6.1. 6-speed sequential gearbox with dedicated oil cooler must remain as delivered from PB Racing. Stick with flat-shift system or Paddles are allowed.
- 9.3.6.2. Racing spec clutch must remain PB Racing spec.
- 9.3.6.3. Limited Slip Differential must remain PB Racing spec.
- 9.3.7. Electronics
- 9.3.7.1. Any modification is prohibited with the exception of modifications required for fitment of a battery isolation switch and lotus supplied Anderson Plug External Connector and Cables. Modifications can also be made to aid moving the battery.
- 9.3.7.2. Engine Control Units (ECU) must remain as delivered by PB Racing without any modification of the tune.
- 9.3.7.3. Battery size & type is free but must be capable of starting the car multiple times without external assistance. Battery may be relocated to the front of the car.

- 9.3.7.4. In-car video camera system is mandatory for Time Attack or Race. Video footage must be provided to series officials if requested.
- 9.3.7.5. Data acquisition and timing systems may be used and are highly recommended.
- 9.3.7.6. Radio systems may be used.
- 9.3.7.7. Cool suit systems may be used. Must be safely mounted inside of the vehicle. Please consult with a LCUSA series official.
- 9.3.8. Brakes
 - 9.3.8.1. Discs are free (steel or iron only – bells are free).
 - 9.3.8.2. Pads are free.
 - 9.3.8.3. Fluid must be DOT 4 or higher.
 - 9.3.8.4. Calipers must remain factory.
 - 9.3.8.5. The use of Lotus Twin Master Cylinder Braking system ALS3J0174F is permitted and recommended for those wishing to disable the ABS system.
- 9.3.9. Wheels
 - 9.3.9.1. Max rim size front 17x8 and rear 17x8.
 - 9.3.9.2. All Wheels must be of metal construction with the exception of Magnesium, which is not permitted. Multi-piece wheels are not permitted.
 - 9.3.9.3. Wheel spacers or other method of changing the track of the vehicle are not permitted.
- 9.3.10. Tires
 - 9.3.10.1. Spec Tire = Yokohama Advan A005 (S01 or S04 Compound)

9.3.10.2. No modifications to the tires in any way. Any tires suspected of being treated/modified will be excluded from the event).

9.3.11. Weights

9.3.11.1. The minimum weight of the vehicle including the driver is 2000 lbs.

9.3.12. Fuel Tank/Fuel

9.3.12.1. Only pump fuel as defined by the LCUSA is permitted.

9.3.12.2. The standard fuel tank (in both dimensions and material) should be used unless replaced with a safety fuel cell. Please advise LCUSA.

9.3.12.3. Fuel lines are free.

9.3.12.4. All cars must have a minimum of 1 gallon of fuel remaining in the tank at race finish.

9.3.12.5. Charcoal canister may be removed but a one-way or rollover valve, venting to a safe area, must be fitted.

9.4. **Evora with Naturally Aspirated Toyota Engines.**

9.4.1. Chassis

9.4.1.1. The construction type, design and material must remain as standard. This includes the sub frame.

9.4.1.2. No additional bracing/supports can be added, including any stiffening of the rear sub frame. No method of adding stiffness to the chassis and/or sub frame is permitted.

9.4.2. Bodywork

9.4.2.1. All cars must retain the standard road car's profile, and be maintained to a high standard of finish. While it's understandable that damage may occur during a weekend, it's important that this is rectified before the next meeting. This is important to maintain the image and profile of the series.



- 9.4.2.2. LCUSA reserves the right to overrule any part that is felt to be outside the spirit of the series. If in any doubt about what is/is not acceptable, the onus is on the entrant to ask first.
- 9.4.2.3. Vehicles must be fitted with standard Lotus supplied bodywork or OEM bodywork of the same internal and external dimensions and material of the lotus supplied part.
- 9.4.2.4. Permitted body modifications are:
- 9.4.2.5. The Lotus Motorsport GT-N body kit is allowed in any material.
- 9.4.2.6. Front splitters may be fitted within the width of the bodywork, (excluding wing and mirrors) and may project a maximum of 4 inches beyond the bodywork measured by a plumb line from the front of clam. Material is free.
- 9.4.2.7. Under trays must not exceed overall dimensions of the standard part. Ducts and holes within the tray may be relocated and material is free. Rear diffuser section may be extended rearwards.
- 9.4.2.8. Extended rear diffuser protruding no more that 50mm from the rear bodywork and complying with the ground clearance rules in 1.8.5 are permitted. Material is free.
- 9.4.2.9. A Lotus Motorsport GT-N or GT4 rear wing may be fitted.
- 9.4.3. Engine
- 9.4.3.1. The original Engine must be maintained.
- 9.4.3.2. Power must not exceed a maximum power output of 315hp at the wheels as measured by a dyno.
- 9.4.3.3. Engine internals must remain factory. Aftermarket camshafts are allowed.
- 9.4.3.4. Engine must remain naturally aspirated.
- 9.4.3.5. Intake system is open.



9.4.3.6. Exhaust system and header is open.

9.4.4. Suspension

9.4.4.1. Damper's make is free but may only be a maximum of two-way adjustable. Dampers must maintain the overall factory length without any modification. Three-way adjustable dampers may be used with a 50-lb weight penalty.

9.4.4.2. Lotus Motorsport control arms is permitted.

9.4.4.3. Springs are free including the use of helper springs.

9.4.4.4. Vehicles may be fitted with polyurethane, nylatron, or spherical bushings.

9.4.5. Ride Height & Ground Clearance

9.4.5.1. No part of the car between all 4-wheel centers (excluding mud flaps) may be below 90mm.

9.4.6. Transmission

9.4.6.1. Aftermarket clutch and flywheel is permitted.

9.4.6.2. LSDs are permitted.

9.4.6.3. Final drive may be replaced.

9.4.6.4. Modifications to the shifter, cables and linkages are allowed.

9.4.6.5. Aftermarket mounts are permitted.

9.4.7. Electronics

9.4.7.1. Any modification is prohibited with the exception of modifications required for fitment of a battery isolation switch and lotus supplied Anderson Plug External Connector and Cables. Modifications can also be made to aid moving the battery.



- 9.4.7.2. Reprogrammed factory Engine Control Units (ECU) are permitted.
- 9.4.7.3. Battery size & type is free but must be capable of starting the car multiple times without external assistance. Battery may be relocated to the front of the car.
- 9.4.7.4. In-car video camera system is mandatory for Time Attack or Race. Video footage must be provided to series officials if requested.
- 9.4.7.5. Data acquisition and timing systems may be used and are highly recommended.
- 9.4.7.6. Radio systems may be used.
- 9.4.8. Tires
 - 9.4.8.1. Spec Tire = Yokohama Advan A005
 - 9.4.8.2. No modifications to the tires in any way. Any tires suspected of being treated/modified will be excluded from the event).
- 9.4.9. Weight
 - 9.4.9.1. Minimum weight of the vehicle including the driver is 2750 lbs.
- 9.4.10. Fuel Tank/Fuel
 - 9.4.10.1. Only pump fuel as defined by the LCUSA is permitted.
 - 9.4.10.2. The standard fuel tank (in both dimensions and material) should be used unless replaced with a safety fuel cell. Please advise LCUSA.
 - 9.4.10.3. Fuel lines are free.
 - 9.4.10.4. All cars must have a minimum of 1 gallon of fuel remaining in the tank at race finish.
 - 9.4.10.5. Charcoal canister may be removed but a one-way or rollover valve, venting to a safe area, must be fitted.

10. Class: **Trophy**

10.1. **Exige V6 Cup with Supercharged Toyota Engines.**

10.1.1. Chassis

10.1.1.1. The construction type, design and material must remain as standard. This includes the sub frame.

10.1.1.2. No additional bracing/supports can be added, including any stiffening of the rear sub frame. No method of adding stiffness to the chassis and/or sub frame is permitted.

10.1.2. Bodywork

10.1.2.1. All cars must retain the standard road car's profile, and be maintained to a high standard of finish. While it's understandable that damage may occur during a weekend, it's important that this is rectified before the next meeting. This is important to maintain the image and profile of the series.

10.1.2.2. LCUSA reserves the right to overrule any part that is felt to be outside the spirit of the series. If in any doubt about what is/is not acceptable, the onus is on the entrant to ask first.

10.1.2.3. Vehicles must be fitted with standard Lotus supplied bodywork or OEM bodywork.

10.1.2.4. Front splitter must remain factory.

10.1.2.5. Rear wing must remain factory. Exige V6 Cup may upgrade rear wing to the Exige V6 Cup R factory rear wing.

10.1.3. Engine

10.1.3.1. The original Engine must be maintained.

10.1.3.2. Power must not exceed a maximum power output of 350 whp at the wheels as measured by a dyno.



10.1.3.3. Engine internals must remain factory.

10.1.3.4. Intake system must remain factory.

10.1.3.5. Exhaust system and header must remain factory.

10.1.3.6. The removal of the catalytic converter is acceptable.

10.1.4. Ride Height & Ground Clearance

10.1.4.1. No part of the car between all 4-wheel centers (excluding mud flaps) may be below 90mm.

10.1.5. Suspension

10.1.5.1. Damper's make is free but may only be a maximum of three-way adjustable. Dampers must maintain the overall factory length without any modification.

10.1.5.2. Springs are free including the use of helper springs.

10.1.5.3. Vehicles may be fitted with polyurethane, nylatron, or spherical bushings.

10.1.6. Ride Height & Ground Clearance

10.1.6.1. No part of the car between all 4-wheel centers (excluding mud flaps) may be below 90mm.

10.1.7. Transmission

10.1.7.1. Exige V6 Cup R: Sequential transmission must remain stock. Exige V6 Cup may upgrade to the Exige V6 Cup R sequential transmission.

10.1.7.2. Aftermarket mounts are permitted.

10.1.8. Electronics

10.1.8.1. Any modification is prohibited with the exception of modifications required for fitment of a battery isolation switch and lotus supplied Anderson Plug External Connector and Cables. Modifications can also be made to aid

moving the battery.

10.1.8.2. In-car video camera system is mandatory for Time Attack or Race. Video footage must be provided to series officials if requested.

10.1.8.3. Data acquisition and timing systems may be used and are highly recommended.

10.1.8.4. Radio systems may be used.

10.1.8.5. Cool suit systems may be used. Must be safely mounted inside of the vehicle. Please consult with a LCUSA series official.

10.1.9. Brakes

10.1.9.1. Discs are free (steel or iron only – bells are free) and must remain the same size as from the factory.

10.1.9.2. Pads are free.

10.1.9.3. Fluid must be DOT 4 or higher.

10.1.9.4. Calipers must remain factory.

10.1.10. Tires

10.1.10.1. Spec Tire = Yokohama Advan A005

10.1.10.2. No modifications to the tires in any way. Any tires suspected of being treated/modified will be excluded from the event).

10.1.11. Weight

10.1.11.1. Minimum weight of the vehicle including the driver is 2150 lbs.

10.1.12. Fuel Tank/Fuel

10.1.12.1. Only pump fuel as defined by the LCUSA is permitted.



10.2. Evora GT4 with Naturally Aspirated Toyota Engines.

10.2.1. Chassis

10.2.1.1. The construction type, design and material must remain as standard. This includes the sub frame.

10.2.1.2. No additional bracing/supports can be added, including any stiffening of the rear sub frame. No method of adding stiffness to the chassis and/or sub frame is permitted.

10.2.2. Bodywork

10.2.2.1. All cars must retain the standard road car's profile, and be maintained to a high standard of finish. While it's understandable that damage may occur during a weekend, it's important that this is rectified before the next meeting. This is important to maintain the image and profile of the series.

10.2.2.2. LCUSA reserves the right to overrule any part that is felt to be outside the spirit of the series. If in any doubt about what is/is not acceptable, the onus is on the entrant to ask first.

10.2.2.3. Vehicles must be fitted with standard Lotus supplied bodywork or OEM bodywork.

10.2.2.4. Front splitter must remain factory.

10.2.2.5. Rear wing must remain factory. Lotus Motorsport Enduro spec wing is permitted.

10.2.3. Engine

10.2.3.1. The original Engine must be maintained.

10.2.3.2. Power must not exceed a maximum power output of 400 whp at the wheels as measured by a dyno.

10.2.3.3. Engine internals must remain factory.



- 10.2.3.4. Intake system must remain factory.
- 10.2.3.5. Exhaust system and header must remain factory.
- 10.2.3.6. The removal of the catalytic converter is acceptable.
- 10.2.4. Ride Height & Ground Clearance
 - 10.2.4.1. No part of the car between all 4-wheel centers (excluding mud flaps) may be below 90mm.
- 10.2.5. Suspension
 - 10.2.5.1. Damper's make is free but may only be a maximum of three-way adjustable. Dampers must maintain the overall factory length without any modification.
 - 10.2.5.2. Springs are free including the use of helper springs.
 - 10.2.5.3. Vehicles may be fitted with polyurethane, nylatron, or spherical bushings.
- 10.2.6. Transmission
 - 10.2.6.1. Modifications are prohibited to the factory supplied sequential transmission.
 - 10.2.6.2. Aftermarket mounts are permitted.
- 10.2.7. Electronics
 - 10.2.7.1. Any modification is prohibited with the exception of modifications required for fitment of a battery isolation switch and lotus supplied Anderson Plug External Connector and Cables. Modifications can also be made to aid moving the battery.
 - 10.2.7.2. In-car video camera system is mandatory for Time Attack or Race. Video footage must be provided to series officials if requested.



10.2.7.3. Data acquisition and timing systems may be used and are highly recommended.

10.2.7.4. Radio systems may be used.

10.2.7.5. Cool suit systems may be used. Must be safely mounted inside of the vehicle. Please consult with a LCUSA series official.

10.2.8. Brakes

10.2.8.1. Discs are free (steel or iron only – bells are free) and must remain the same size as from the factory.

10.2.8.2. Pads are free.

10.2.8.3. Fluid must be DOT 4 or higher.

10.2.8.4. Calipers must remain factory.

10.2.9. Tires

10.2.9.1. Spec Tire = Yokohama Advan A005

10.2.9.2. No modifications to the tires in any way. Any tires suspected of being treated/modified will be excluded from the event).

10.2.10. Weight

10.2.10.1. Minimum weight of the vehicle including the driver is 2650 lbs.

10.2.11. Fuel Tank/Fuel

10.2.11.1. Only pump fuel as defined by the LCUSA is permitted.

10.3. 2-Eleven GT4 / 2-Eleven / Other Models with Supercharged or Naturally Aspirated Toyota Engines.

10.3.1. Chassis



- 10.3.1.1. The construction type, design and material must remain as standard. This includes the sub frame.
- 10.3.1.2. No additional bracing/supports can be added, including any stiffening of the rear sub frame. No method of adding stiffness to the chassis and/or sub frame is permitted.
- 10.3.2. Bodywork
 - 10.3.2.1. All cars must retain the standard road car's profile, and be maintained to a high standard of finish. While it's understandable that damage may occur during a weekend, it's important that this is rectified before the next meeting. This is important to maintain the image and profile of the series.
 - 10.3.2.2. LCUSA reserves the right to overrule any part that is felt to be outside the spirit of the series. If in any doubt about what is/is not acceptable, the onus is on the entrant to ask first.
 - 10.3.2.3. Vehicles must be fitted with standard Lotus supplied bodywork or OEM bodywork.
 - 10.3.2.4. Permitted body modifications are: Each vehicle is accepted on an invitation basis. Vehicles will be considered upon individual requests.
- 10.3.3. Engine
 - 10.3.3.1. The original Engine must be maintained.
 - 10.3.3.2. 2-Eleven GT4 / 2-Eleven: a maximum of 330 whp as measured on a dyno. Other Lotus models: wheel horsepower will be determined on a case-by-case basis.
 - 10.3.3.3. Toyota engines may be modified i.e. Toyota 2ZZ-GE (189bhp flywheel) or 2ZZ-GZE (equipped with an Eaton MP62 supercharger and intercooler). Alternative supercharger or turbocharge and intercooler systems will be considered on an individual basis for Toyota engine cars.
- 10.3.4. Ride Height & Ground Clearance



10.3.4.1. No part of the car between all 4-wheel centers (excluding mud flaps) may be below 65mm.

10.3.5. Suspension

10.3.5.1. Damper's make is free but may only be a maximum of three-way adjustable. Dampers must maintain the overall factory length without any modification.

10.3.5.2. Springs are free including the use of helper springs.

10.3.5.3. Vehicles may be fitted with polyurethane, nylatron, or spherical bushings.

10.3.6. Transmission

10.3.6.1. Any modification is permitted. An alternative sequential gearbox with 6 forward gears may be fitted in replacement of the original gearbox.

10.3.6.2. LSDs are permitted.

10.3.6.3. Aftermarket mounts are permitted.

10.3.7. Electronics

10.3.7.1. Any modification is prohibited with the exception of modifications required for fitment of a battery isolation switch and lotus supplied Anderson Plug External Connector and Cables. Modifications can also be made to aid moving the battery.

10.3.7.2. Reprogrammed factory Engine Control Units (ECU) are permitted.

10.3.7.3. If an aftermarket ECU is fitted drivers must make available to Series Eligibility Scrutineer or Club Stewards the hardware and software required to interrogate the vehicles ECU. If this is not made available the ECU may be sealed and the driver may not be permitted to race.

10.3.7.4. All ECU's must contain only one map.

10.3.7.5. In-car video camera system is mandatory for Time Attack or Race. Video footage must be provided to series officials if requested.



- 10.3.7.6. Data acquisition and timing systems may be used and are highly recommended.
- 10.3.7.7. Radio systems may be used.
- 10.3.7.8. Cool suit systems may be used. Must be safely mounted inside of the vehicle. Please consult with a LCUSA series official.
- 10.3.8. Brakes
 - 10.3.8.1. Discs are free.
 - 10.3.8.2. Pads are free.
 - 10.3.8.3. Fluid must be DOT 4 or higher.
 - 10.3.8.4. Calipers are free.
- 10.3.9. Tires
 - 10.3.9.1. Spec Tire = Yokohama Advan A005
 - 10.3.9.2. No modifications to the tires in any way. Any tires suspected of being treated/modified will be excluded from the event).
- 10.3.10. Weight
 - 10.3.10.1. 2-Eleven GT4 / 2-Eleven: 1850lbs. Other Lotus models: minimum weight of the vehicle will be determined on a case-by-case basis.
- 10.3.11. Fuel Tank/Fuel
 - 10.3.11.1. Only pump fuel as defined by the LCUSA is permitted.
 - 10.3.11.2. All cars must have a minimum of 1 gallon of fuel remaining in the tank at race finish.



10.4. **3-Eleven Race**

10.4.1. Chassis

10.4.1.1. The construction type, design and material must remain as standard. This includes the sub frame.

10.4.1.2. Must run the OEM FIA-spec RACE roll cage designed for the 3-Eleven

10.4.1.3. No additional bracing/supports can be added, including any stiffening of the rear sub frame. No method of adding stiffness to the chassis and/or sub frame is permitted.

10.4.2. Bodywork

10.4.2.1. All cars must retain the standard road car's profile, and be maintained to a high standard of finish. While it's understandable that damage may occur during a weekend, it's important that this is rectified before the next meeting. This is important to maintain the image and profile of the series.

10.4.2.2. LCUSA reserves the right to overrule any part that is felt to be outside the spirit of the series. If in any doubt about what is/is not acceptable, the onus is on the entrant to ask first.

10.4.2.3. Vehicles must be fitted with standard Lotus supplied bodywork or OEM bodywork.

10.4.2.4. Front splitter must remain factory.

10.4.2.5. Rear wing must remain factory.

10.4.3. Engine

10.4.3.1. The original Engine must be maintained with no modifications.

10.4.3.2. Engine internals must remain factory.

10.4.3.3. Intake system must remain factory.



10.4.3.4. Exhaust system and header must remain factory.

10.4.3.5. The removal of the catalytic converter is acceptable.

10.4.4. Ride Height & Ground Clearance

10.4.4.1. No part of the car between all 4-wheel centers (excluding mud flaps) may be below 90mm.

10.4.5. Suspension

10.4.5.1. Dampers must remain factory.

10.4.5.2. Springs are free including the use of helper springs.

10.4.5.3. Vehicles may be fitted with polyurethane, nylatron, or spherical bushings.

10.4.6. Ride Height & Ground Clearance

10.4.6.1. No part of the car between all 4-wheel centers (excluding mud flaps) may be below 90mm.

10.4.7. Transmission

10.4.7.1. Sequential transmission must remain factory.

10.4.7.2. Aftermarket mounts are permitted.

10.4.8. Electronics

10.4.8.1. A factory Lotus tune designed for the USA championship will be mandatory. This can be downloaded to your factory ECU or the series will provide a spec-ECU each race weekend.

10.4.8.2. Any modification is prohibited with the exception of modifications required for fitment of a battery isolation switch and lotus supplied Anderson Plug External Connector and Cables. Modifications can also be made to aid moving the battery.



- 10.4.8.3. In-car video camera system is mandatory for Time Attack or Race. Video footage must be provided to series officials if requested.
- 10.4.8.4. Data acquisition and timing systems may be used and are highly recommended.
- 10.4.8.5. Radio systems may be used.
- 10.4.8.6. Cool suit systems may be used. Must be safely mounted inside of the vehicle. Please consult with a LCUSA series official.
- 10.4.9. Brakes
 - 10.4.9.1. Discs are free (steel or iron only – bells are free) and must remain the same size as from the factory.
 - 10.4.9.2. Pads are free.
 - 10.4.9.3. Fluid must be DOT 4 or higher.
 - 10.4.9.4. Calipers must remain factory.
- 10.4.10. Tires
 - 10.4.10.1. Spec Tire = Yokohama Advan A048 R-Compound Tire
 - 10.4.10.2. No modifications to the tires in any way. Any tires suspected of being treated/modified will be excluded from the event).
- 10.4.11. Weight
 - 10.4.11.1. Minimum weight of the vehicle including the driver is 2150 lbs.
- 10.4.12. Fuel Tank/Fuel
 - 10.4.12.1. Only pump fuel as defined by the LCUSA is permitted.

11. Class: V6 Cup R

**11.1. Exige V6 Cup R with Supercharged Toyota Engine
*must remain as delivered from the factory**

11.1.1. Chassis

11.1.1.1. The construction type, design and material must remain as standard. This includes the sub frame.

11.1.1.2. No additional bracing/supports can be added, including any stiffening of the rear sub frame. No method of adding stiffness to the chassis and/or sub frame is permitted.

11.1.2. Bodywork

11.1.2.1. All cars must retain the standard road car's profile, and be maintained to a high standard of finish. While it's understandable that damage may occur during a weekend, it's important that this is rectified before the next meeting. This is important to maintain the image and profile of the series.

11.1.2.2. LCUSA reserves the right to overrule any part that is felt to be outside the spirit of the series. If in any doubt about what is/is not acceptable, the onus is on the entrant to ask first.

11.1.2.3. Vehicles must be fitted with standard Lotus supplied bodywork or OEM bodywork.

11.1.2.4. Front splitter must remain factory.

11.1.2.5. Rear wing must remain factory.

11.1.3. Engine

11.1.3.1. The original Engine must be maintained with no modifications.

11.1.3.2. Engine internals must remain factory.

11.1.3.3. Intake system must remain factory.



- 11.1.3.4. Exhaust system and header must remain factory.
- 11.1.3.5. The removal of the catalytic converter is acceptable.
- 11.1.4. Ride Height & Ground Clearance
 - 11.1.4.1. No part of the car between all 4-wheel centers (excluding mud flaps) may be below 90mm.
- 11.1.5. Suspension
 - 11.1.5.1. Dampers must remain factory.
 - 11.1.5.2. Springs are free including the use of helper springs.
 - 11.1.5.3. Vehicles may be fitted with polyurethane, nylatron, or spherical bushings.
- 11.1.6. Ride Height & Ground Clearance
 - 11.1.6.1. No part of the car between all 4-wheel centers (excluding mud flaps) may be below 90mm.
- 11.1.7. Transmission
 - 11.1.7.1. Exige V6 Cup R: Sequential transmission must remain stock. Exige V6 Cup R variants with a 6-speed manual transmission are allowed.
 - 11.1.7.2. Aftermarket mounts are permitted.
- 11.1.8. Electronics
 - 11.1.8.1. Any modification is prohibited with the exception of modifications required for fitment of a battery isolation switch and lotus supplied Anderson Plug External Connector and Cables. Modifications can also be made to aid moving the battery.
 - 11.1.8.2. In-car video camera system is mandatory for Time Attack or Race. Video footage must be provided to series officials if requested.



- 11.1.8.3. Data acquisition and timing systems may be used and are highly recommended.
- 11.1.8.4. Radio systems may be used.
- 11.1.8.5. Cool suit systems may be used. Must be safely mounted inside of the vehicle. Please consult with a LCUSA series official.
- 11.1.9. Brakes
 - 11.1.9.1. Discs are free (steel or iron only – bells are free) and must remain the same size as from the factory.
 - 11.1.9.2. Pads are free.
 - 11.1.9.3. Fluid must be DOT 4 or higher.
 - 11.1.9.4. Calipers must remain factory.
- 11.1.10. Tires
 - 11.1.10.1. Spec Tire = Yokohama Advan A005
 - 11.1.10.2. No modifications to the tires in any way. Any tires suspected of being treated/modified will be excluded from the event).
- 11.1.11. Weight
 - 11.1.11.1. Minimum weight of the vehicle including the driver is 2150 lbs.
- 11.1.12. Fuel Tank/Fuel
 - 11.1.12.1. Only pump fuel as defined by the LCUSA is permitted.

IF YOU HAVE ANY QUESTIONS REGARDING THE TECHNICAL REGULATIONS, PLEASE CONTACT THE SERIES OFFICIALS.